

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

MAR 01 2007

PUBLIC SERVICE  
COMMISSION

**In the Matter of:**

**APPLICATION OF CUMBERLAND CELLULAR  
PARTNERSHIP FOR ISSUANCE OF A CERTIFICATE  
OF PUBLIC CONVENIENCE AND NECESSITY TO  
CONSTRUCT A CELL SITE (MONROE NORTH) IN RURAL  
SERVICE AREA #5 (MONROE) OF THE COMMONWEALTH  
OF KENTUCKY**

CASE NO. 2007-00041

**APPLICATION FOR A CERTIFICATE  
OF PUBLIC CONVENIENCE AND NECESSITY (MONROE NORTH)**

Cumberland Cellular Partnership (“Cumberland Cellular”), through counsel, pursuant to KRS 278.020 and 278.040, hereby submits this application for a certificate of public convenience and necessity to construct a cell site to be known as the Monroe North cell site in and for rural service area (“RSA”) #5 of the Commonwealth of Kentucky, namely the counties of Barren, Monroe, Metcalfe, Adair, Cumberland, Russell, Clinton, Wayne, McCreary and Hart, Kentucky.

1. As required by 807 KAR 5:001 Sections 8(1) and (3), and 807 KAR 5:063, Cumberland Cellular states that it is a Kentucky limited liability partnership whose full name and post office address are: Cumberland Cellular Partnership, 2902 Ring Road, Elizabethtown, Kentucky, 42701.

2. Pursuant to 807 KAR § 1 (1)(b), a copy of the applicant’s applications to the Federal Aviation Administration and Kentucky Airport Zoning Commission are Exhibit “A”. Written authorizations from these agencies will be supplied to the Commission upon their approval.

3. Pursuant to 807 KAR 5:063 §1(1)(d), applicant is submitting as Exhibit “B” a geotechnical investigation report, signed and sealed by a professional engineer registered in Kentucky, that includes boring logs, foundation design recommendations, and a finding as to the susceptibility of the area surrounding the proposed site to flood hazard.

4. Pursuant to 807 KAR 5:063 §1(1)(e), clear directions from the county seat to the proposed site, including highway numbers and street names, if applicable, with the telephone number of the person who prepared the directions are Exhibit “C”.

5. Pursuant to 807 KAR 5:063 §1(1)(f), a copy of the lease for the property on which the tower is proposed to be located, is Exhibit “D”.

6. Pursuant to 807 KAR §1(1)(g), experienced personnel will manage and operate the Monroe North cell site. The President of Bluegrass Cellular Inc., Mr. Ron Smith, is ultimately responsible for all construction and operations of the cellular system of Cumberland Cellular, of which system the Monroe North cell site will be a part. Bluegrass Cellular Inc. provides management services to Cumberland Cellular under a management contract, just as it does with three (3) other wireless carriers in the Commonwealth. And, Bluegrass Cellular Inc. has been providing these management services to these other wireless carriers for well over a decade. This extensive management experience with Bluegrass Cellular demonstrates that Bluegrass Cellular Inc.'s management and technical ability to supervise the operations of a wireless carrier.

7. Pursuant to 807 KAR §1(1)(g), Eastpointe Engineering Group, LLC is responsible for the design specifications of the proposed tower (identified in Exhibit “B”).

8. Pursuant to 807 KAR 5:063 §1(1)(h), a site development plan or survey, signed and sealed by a professional engineer registered in Kentucky, that shows the proposed location of the tower and all easements and existing structures within 500 feet of the proposed site on the property on which the tower will be located, and all easements and existing structures within 200 feet of the access drive, including the intersection with the public street system, is Exhibit “B”.

9. Pursuant to 807 KAR 5:063 §1(1)(i), a vertical profile sketch of the tower, signed and sealed by a professional engineer registered in Kentucky, indicating the height of the tower and the placement of all antennas is Exhibit “B”.

10. Pursuant to 807 KAR 5:063 §1(1)(j), the tower and foundation design plans and a description of the standard according to which the tower was designed, signed and sealed by a professional engineer registered in Kentucky, is Exhibit “B”.

11. Pursuant to 807 KAR 5:063 § 1 (1)(k), a map, drawn to a scale no less than one (1) inch equals 200 feet, that identifies every structure and every owner of real estate within 500 feet of the proposed tower, is Exhibit “E”.

12. Pursuant to 807 KAR 5:063 § 1 (1)(l), applicant’s legal counsel hereby affirms that every person who owns property within 500 feet of the proposed tower has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of his or her right to request intervention.

13. Pursuant to KRS 278.665(2), applicant’s legal counsel hereby affirms that every person who, according to the records of the property valuation administrator, owns property contiguous to the property where the proposed cellular antenna tower will be located has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of his or her right to request intervention.

14. Pursuant to 807 KAR 5:063 §1(1)(m), a list of the property owners who received the notice together with copies of the certified letters sent to listed property owners, is Exhibit “F”.

15. Pursuant to 807 KAR 5:063 § 1 (1)(n), applicant’s legal counsel hereby affirms that the Office of the Monroe County Judge Executive has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of its right to request intervention.

16. Pursuant to 807 KAR 5:063 §1(1)(o), a copy of the notice sent to the Monroe County Judge Executive is Exhibit “G”.

17. Pursuant to 807 KAR 5:063 § 1 (1)(p), applicant’s legal counsel hereby affirms that (i) two written notices meeting subsection two (2) of this section have been posted, one in a visible location on the proposed site and one on the nearest public road; and (ii) the notices shall remain posted for at least two weeks after the application has been filed.

18. Pursuant to 807 KAR 5:063 § 1 (2)(a), applicant's legal counsel affirms that:

(a) A written notice, of durable material at least two (2) feet by four (4) feet in size, stating that "*Cumberland Cellular Partnership proposes to construct a telecommunications tower on this site,*" including the addresses and telephone numbers of the applicant and the Kentucky Public Service Commission, has been posted and shall remain in a visible location on the proposed site until final disposition of the application; and

(b) A written notice, of durable material at least two (2) feet by four (4) feet in size, stating that "*Cumberland Cellular Partnership proposes to construct a telecommunications tower near this site,*" including the addresses and telephone numbers of the applicant and the Kentucky Public Service Commission, has been posted on the public road nearest the site.

A copy of each sign is attached as Exhibit "H"

19. Pursuant to 807 KAR 5:063 § 1 (1)(q), a statement that notice of the location of the proposed construction has been published in a newspaper of general circulation in the county in which the construction is proposed.

20. Pursuant to 807 KAR 5:063 § 1(1)(r), the cell site, which has been selected, is in a relatively undeveloped area in Tompkinsville, Kentucky.

21. Pursuant to 807 KAR 5:063 §1(1)(s), Cumberland Cellular 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, and that there is no reasonably available opportunity to co-locate. Cumberland Cellular has attempted to co-locate on towers designed to host multiple wireless service providers' facilities or existing structures, such as a telecommunications tower, or another suitable structure capable of supporting the utility's facilities.

22. Pursuant to 807 KAR 5:063 § 1(1)(t), a map of the area in which the tower is proposed to be located, that is drawn to scale and that clearly depicts the search area in which a site should, pursuant to radio frequency requirements, be located is Exhibit "J".

23. Pursuant to KRS 100.987(2)(a), a grid map, that is drawn to scale, that shows the location of all existing cellular antenna towers and that indicates the general position of proposed construction sites for new cellular antenna towers is Exhibit "K".

24. No reasonably available telecommunications tower, or other suitable structure capable of supporting the cellular facilities of Cumberland Cellular and which would provide adequate service to the area exists.

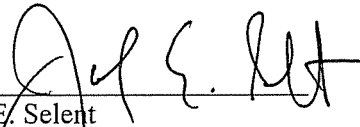
25. Correspondence and communication with regard to this application should be addressed to:

John E. Selent  
**DINSMORE & SHOHL LLP**  
1400 PNC Plaza  
500 West Jefferson Street  
Louisville, KY 40202  
(502) 540-2300  
*john.selent@dinslaw.com*

WHEREFORE, Cumberland Cellular Partnership requests the Commission to enter an order:

1. Granting a certificate of public convenience and necessity to construct the Monroe North cell site; and
2. Granting all other relief as appropriate.

Respectfully submitted,

  
\_\_\_\_\_  
John E. Selent  
**DINSMORE & SHOHL LLP**  
1400 PNC Plaza  
500 West Jefferson Street  
Louisville, KY 40202  
(502) 540-2300  
(502) 540-2207  
*john.selent@dinslaw.com*

# LUKAS, NACE, GUTIERREZ & SACHS

CHARTERED

1650 TYSONS BOULEVARD, SUITE 1500  
MCLEAN, VIRGINIA 22102  
703 584 8678 • 703 584 8696 FAX

WWW.FCCLAW.COM

RUSSELL D. LUKAS  
DAVID L. NACE  
THOMAS GUTIERREZ\*  
ELIZABETH R. SACHS\*  
GEORGE L. LYON, JR.  
PAMELA L. GIST  
DAVID A. LAFURIA  
B. LYNN F. RATNAVALE\*  
TODD SLAMOWITZ\*  
STEVEN M. CHERNOFF\*

CONSULTING ENGINEERS  
ALI KUZEHKANANI  
LEILA REZANAVAZ  
—  
OF COUNSEL  
JOHN J. MCAVOY\*  
J.K. HAGE III\*  
LEONARD S. KOLSKY\*  
HON. GERALD S. MCGOWAN\*  
TAMARA DAVIS-BROWN\*

\*NOT ADMITTED IN VA

January 26, 2007

Telephone  
(703) 584-8668

## Via Federal Express

Mr. John Houlihan  
Kentucky Airport Zoning Commission  
200 Mero Street  
Frankfort, Kentucky 40622

Dear Mr. Houlihan:

Enclosed please find two completed TC 56-50 forms, Application for Permit to Construct or Alter a Structure, for a new tower (Monroe North) near Tompkinsville, Kentucky. The Structure, including top-mounted antennas will have an overall height of 255 feet Above Ground Level.

Enclosed Form TC 56-50 and the attached exhibit include all the pertinent information for this existing tower structure. Also enclosed are copies of the completed FAA Form 7460-1 for the proposed site and a non-reduced 7-1/2' U.S. Geological Survey map indicating the exact location of the site.

Please do not hesitate to contact the undersigned if there are questions regarding this matter.

Sincerely,

  
Leila Rezanavaz  
Consulting Engineer

Enclosures

CC: Doug Updegraff

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 125 Holmes Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

1. APPLICANT - Name, Address, Telephone, Fax, etc.

Scott McCloud
Bluegrass Cellular
2902 Ring Road
Elizabethtown, KY 42702
Tel: 270-769-0339
Fax: 270-737-0580

9. Latitude: 36 ° 47 ' 29 . 11 "

10. Longitude: 85 ° 41 ' 6 . 21 "

11. Datum: [X] NAD 83 [ ] NAD 27 [ ] Other

12. Nearest Kentucky City Tompkinsville County Monroe

13. Nearest Kentucky public use or Military airport:
Tompkinsville-Monroe County Airport

14. Distance from #13 to Structure: 4.5 miles

15. Direction from #13 to Structure: NNW

16. Site Elevation (AMSL): 1000 Feet

17. Total Structure Height (AGL): 255 Feet

18. Overall Height (#16 + #17) (AMSL): 1255 Feet

19. Previous FAA and/or Kentucky Aeronautical Study Number(s):
N/A

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

Site is located at:

2543 John Eaton Road
Tompkinsville, KY 42167

2. Representative of Applicant - Name, Address, Telephone, Fax

Leila Rezanavaz
Lukas, Nace, Gutierrez & Sachs, Chartered
1650 Tysons Blvd., Suite 1500
McLean, VA 22102
T: 703-584-8668

3. Application for: [X] New Construction [ ] Alteration [ ] Existing

4. Duration: [X] Permanent [ ] Temporary (Months Days)

5. Work Schedule: Start 3/20/07 End 3/25/07

6. Type: [X] Antenna Tower [ ] Crane [ ] Building [ ] Power Line
[ ] Landfill [ ] Water Tank [ ] Other

7. Marking/Painting and/or Lighting Preferred:

[ ] Red Lights and Paint [X] Dual - Red & Medium Intensity White
[ ] White - Medium intensity [ ] Dual - Red & High Intensity White
[ ] White - High Intensity [ ] Other

8. FAA Aeronautical Study Number 2007-ASO-355-OE

21. Description of Proposal:

Structure: Tower including top-mounted antennas for overall height of 255' AGL.
Max. ERP: 250 Watts
Frequencies: Cellular Band B

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? [ ] No [X] Yes, When 1/24/2007

CERTIFICATION: I hereby certify that all the above statements made by me are true, complete and correct to the best of my knowledge and belief.

Leila Rezanavaz/ Consulting Engineer Leila Rezanavaz 1/26/07

Printed Name Signature Date

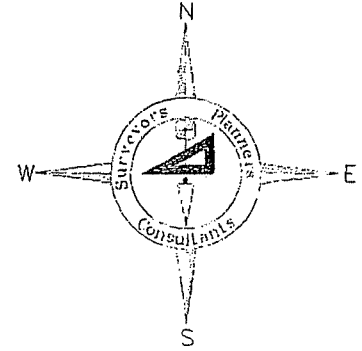
PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may result in further penalties.

Commission Action: [ ] Chairman, KAZC [ ] Administrator, KAZC

[ ] Approved [ ] Disapproved Date

# Landmark Surveying Co., Inc.

Darren L. Helms, R.L.S., PRESIDENT  
Dennis N. Helms, R.L.S., VICE PRESIDENT



15 N.E. 3rd Street  
Washington, Indiana 47501  
Phone: 812-257-0950  
Fax: 812-257-0953  
E-mail: landmark@dmrtc.net

## 1A Certification

December 22, 2006

Designation: Monroe North  
Site ID No.: Not Available  
Tower Type: Proposed Self-Support Tower  
Location: 2543 John Eaton Road, Tompkinsville, KY 42167

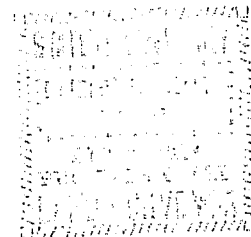
I certify that the latitude, longitude, ground elevation and height of the proposed self-support tower are as follows:


Latitude:	36 degrees 47 minutes 29.11 seconds North	(NAD 1983)
Longitude:	85 degrees 41 minutes 06.21 seconds West	(NAD 1983)
Ground Elevation:	999.7 feet or 304.7 meters	(NAVD 1988)
Proposed Structure Height:	240 feet or 73.2 meters	(above ground level)
Proposed Overall Structure Height:	not available	(above ground level)

The accuracy of the latitude and longitude of the proposed self-support tower is  $\pm 15$  feet or  $\pm 5$  meters. The ground elevation and structure height are accurate to within  $\pm 3$  feet or  $\pm 1$  meter.

The information shown above is based upon field observations made on December 14, 2006 using the National Geodetic Survey monument "Y 245" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). The field observations were completed using Sokkia GPS receivers and a Topcon GPT-8005A robotic total station. Geodetic computations were completed using Sokkia's Locus software and Autodesk Land Desktop 2007 software.

Landmark Surveying Co., Inc.



  
Darren L. Helms, Kentucky Professional Land Surveyor No. 3386



## Notice of Proposed Construction or Alteration (7460-1)

**Project Name:** BLUEG-000058236-07

**Sponsor:** Bluegrass Cellular, Inc.

### Details for Case : Monroe North

Show Project Summary

#### Case Status

**ASN:** 2007-ASO-355-OE

**Date Accepted:** 01/24/2007

**Status:** Accepted

**Date Determined:**

**Letters:** None

#### Construction / Alteration Information

**Notice Of:** Construction

**Duration:** Permanent

*if Temporary :* Months: Days:

**Work Schedule - Start:** 03/20/2007

**Work Schedule - End:** 03/25/2007

**State Filing:** Filed with State

#### Structure Summary

**Structure Name:** Monroe North

**Structure Type:** Antenna Tower

**Other :**

**FCC Number:**

**Prior ASN:**

#### Structure Details

**Latitude:** 36° 47' 29.11" N

**Longitude:** 85° 41' 6.21" W

**Horizontal Datum:** NAD83

**Site Elevation (SE):** 1000 (nearest foot)

**Structure Height (AGL):** 255 (nearest foot)

**Marking/Lighting:** Dual-red and medium intensity

*Other :*

**Nearest City:** Tompkinsville

**Nearest State:** Kentucky

**Traverseway:** No Traverseway

**Description of Location:** Site is located at:  
2543 John Eaton Road  
Tompkinsville, KY 42167

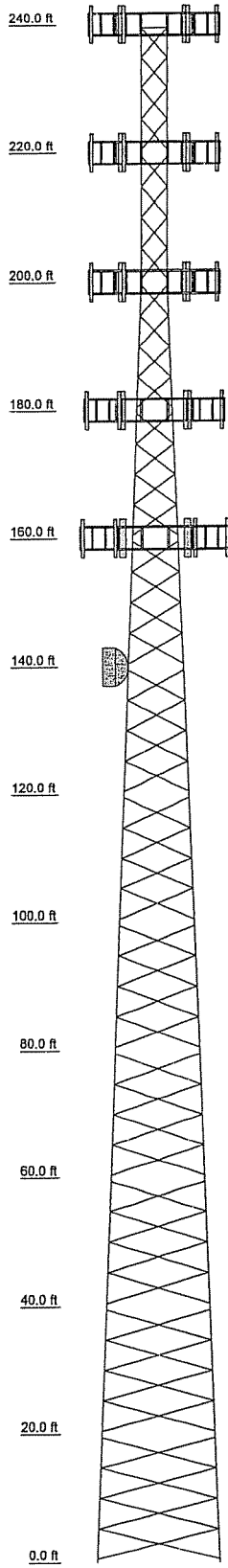
**Description of Proposal:** Proposed tower with top-mounted antennas for overall height of 255' AGL.

#### Common Frequency Bands

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W

#### Specific Frequencies

Section	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	SR 4	SR 3 3/4	SR 3 1/2	SR 3 1/4	SR 3 1/4	SR 3 1/2	SR 2 1/2	SR 2 1/4	SR 2 3/4	SR 2 1/4	SR 1 3/4	SR 1 3/4
Leg Grade	L3 1/2x3 1/2x1/4	L3x3x1/4	L3x3x3/16	L3x3x3/16	L2 1/2x2 1/2x3/16	A572-50	A572-50	L2x2x3/16	L2x2x3/16	L1 3/4x1 3/4x3/16	L1 3/4x1 3/4x3/16	L1 3/4x1 3/4x3/16
Diagonals												
Diagonal Grade												
Top Girts												
Face Width (ft)	19	17.5	16	14.5	13	11.5	10	8.5	7	5.5		
# Panels @ (ft)												
Weight (K)	32.5	52	51	37	3.0	2.9	4.8 @ 4.75	2.5	1.6	1.2	0.9	



MAX. CORNER REACTIONS AT BASE:  
 DOWN: 424 K  
 UPLIFT: -377 K  
 SHEAR: 31 K

AXIAL 53 K  
 MOMENT 6694 kip-ft

SHEAR 54 K

TORQUE 7 kip-ft  
 REACTIONS - 90 mph WIND

**DESIGNED APPURTENANCE LOADING**

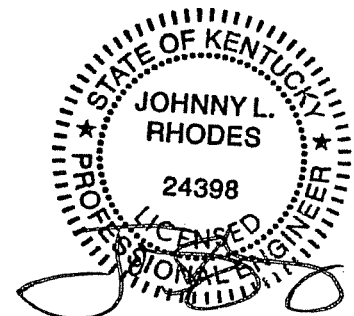
TYPE	ELEVATION	TYPE	ELEVATION
(6) D100-0042-0041	240	(6) RWB 80014/120 (Future)	180
Lightning Rod 1"x10' (Initial)	240	(3) T frame sector Mount (Future Carrier 3)	180
Flash Beacon Lighting (Initial)	240	(6) RWB 80014/120 (Future)	160
(3) T frame sector Mount (Initial)	240	(3) T frame sector Mount (Future Carrier 4)	160
(6) RWB 80014/120 (Future)	220	HP6-122	140
(3) T frame sector Mount (Future Carrier 1)	220		
(6) RWB 80014/120 (Future)	200		
(3) T frame sector Mount (Future Carrier 2)	200		

**MATERIAL STRENGTH**

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

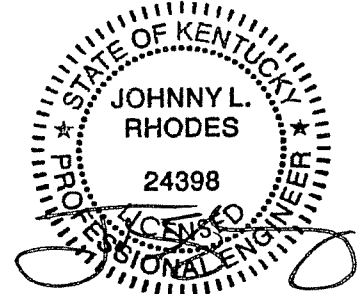
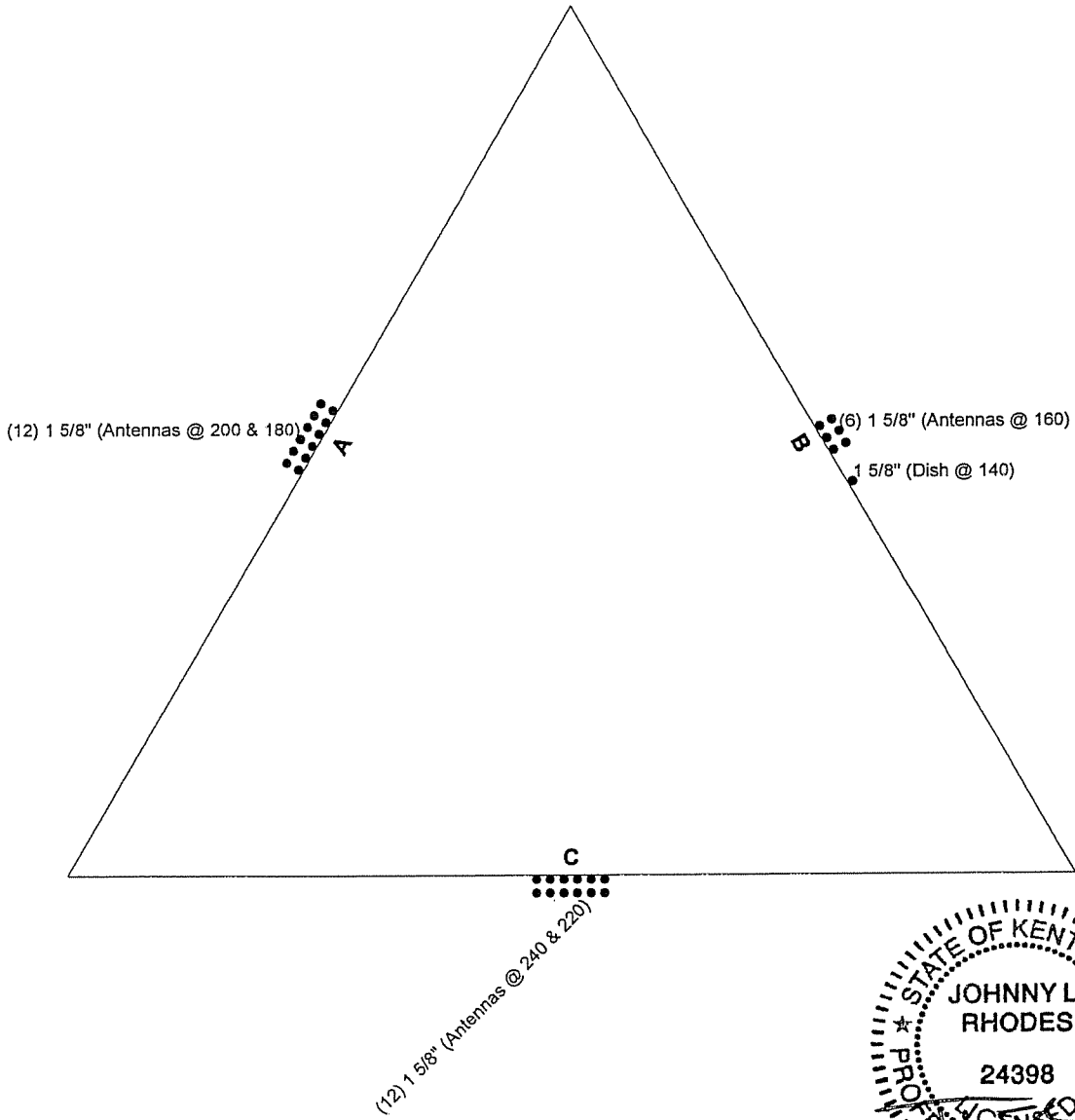
**TOWER DESIGN NOTES**

1. Tower is located in Monroe County, Kentucky.
2. Tower designed for Exposure B to the TIA-222-G Standard.
3. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
4. Deflections are based upon a 60 mph wind.
5. Tower designed as Structure Class I
6. Tower designed as Topo Category 3 w/ Crest Height of 100 ft
7. In no case shall more than (6) lines be exposed to wind. Feedlines may be stacked in up to (2) rows on the inside and outside face of the tower.
8. Final Design 10/12/06. JLR



10-12-06

<b>Eastpointe Engineering Group, LLC</b> 4020 Tull Ave. Muskogee, OK 74403 Phone: 918.683.2169 FAX: 918.682.7618	<b>Job: EII Job #2398--Monroe North</b>	
	Project: <b>240' SST/Monroe County, KY</b>	
	Client: Bluegrass Cellular	Drawn by: Johnny L. Rhodes, P.E.
	Code: TIA-222-G	Date: 10/12/06
	Path: Z:\Drawing\Drawings\Jobs\2300-2399\2398\Final Tower Design\240est.dwg	Scale: NT: Dwg No. E-



10-12-06

**Eastpointe Engineering Group, LLC**  
 4020 Tull Ave.  
 Muskogee, OK 74403  
 Phone: 918.683.2169  
 FAX: 918.682.7618

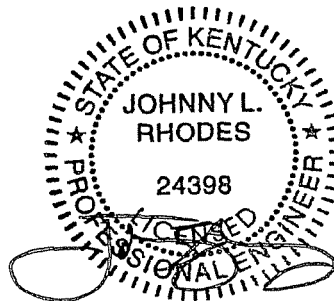
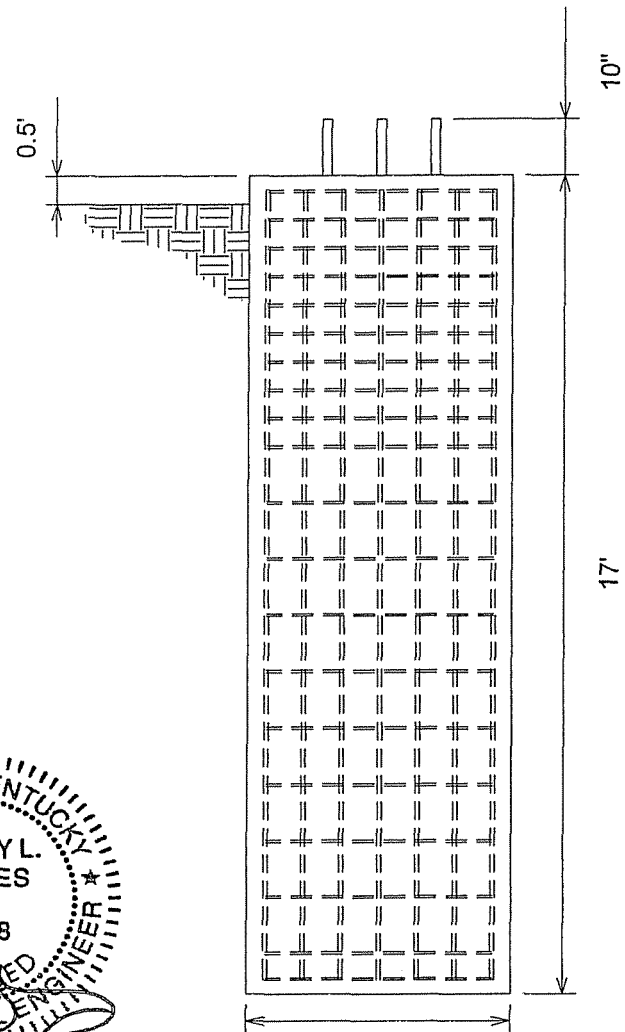
<b>Job: EII Job #2398—Monroe North</b>			
Project: 240' SST/Monroe County, KY			
Client: Bluegrass Cellular		Drawn by: Johnny L. Rhodes, P.E. App'd:	
Code: TIA-222-G	Date: 10/12/06	Scale: NT	
Path: Z:\Drafting\Drawings\Jobs\2300-2398\2398\Final Tower Design\240est.dwg			Dwg No. E-

# CAISSON DESIGN

<b>Vertical Bars</b>	(12) #9 bars, 16.5' long
<b>Ties</b>	#5 bars @ 6" c/c for the first 6.5' then 12" c/c thereafter

## General Notes

1. Concrete shall be placed in accordance with ACI318-02, latest revision.
2. Concrete shall have a minimum 28 day compressive strength of 4000 PSI.
3. Rebar to conform to ASTM A615 grade 60.
4. Rebar used for ties may be A615 grade 40.
5. All rebar to have a minimum of 3" clear cover.
6. All exposed concrete corners to have 3/4" chamfer.
7. Bottom and side surfaces to rest on undisturbed soil.
8. Contractor shall be responsible to review and follow all recommendations of the geotechnical report.



10-12-06

3'

## Supplemental Notes

Soil values obtained from Terracon soils report #57067403G Dated 09/12/06  
Use (6) 1 1/2" Grade 50 Anchor bolts with 60" embedment.

**EASTPOINTE ENGINEERING GROUP, LLC**

4020 Tull Ave. Muskogee, OK 74403--Phone 918.683.2169--Fax:918.682.7618

Client: **Bluegrass Cellular**

Site: **Monroe North**

Job: 2398

Drawn by: JLR

Scale: NTS

Date: 10/12/06

**GEOTECHNICAL ENGINEERING REPORT**  
**MONROE NORTH TELECOMMUNICATION TOWER**  
**2491 JOHN EATON ROAD**  
**THOMPKINSVILLE, KENTUCKY**  
**TERRACON PROJECT NO. 57067403G**  
**September 12, 2006**

*Prepared For:*

**BLUEGRASS CELLULAR**  
**Elizabethtown, Kentucky**

*Prepared by:*

**Terracon**  
**Louisville, Kentucky**

**Terracon**

September 12, 2006

**Terracon**  
Consulting Engineers & Scientists

Bluegrass Cellular  
2902 Ring Road  
Elizabethtown, Kentucky 42702

4545 Bishop Lane, Suite 101  
Louisville, Kentucky 40218  
Phone 502.456.1256  
Fax 502.456.1278  
www.terracon.com

Attention: Mr. Doug Updegraff

**Re: Geotechnical Engineering Report  
Monroe North Telecommunication Tower  
2491 John Eaton Road  
Thompkinsville, Kentucky  
Terracon Project No. 57067403G**

Dear Mr. Updegraff:

The results of our subsurface exploration are attached. The purpose of this exploration was to obtain information on subsurface conditions at the proposed project site and, based on this information, to provide recommendations regarding the design and construction of the foundations for the proposed tower.

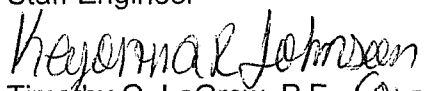
The design parameters and recommendations within this report apply to the existing planned tower height and adjustments up to 20% increase or decrease in tower height, as long as the type of tower does not change. If changes in the height of the tower dictate a change in tower type (i.e. – monopole to a self-support, self-support to a guyed tower), Terracon should be contacted to evaluate our recommendations with respect to these changes.

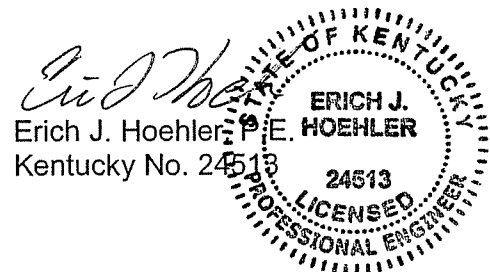
We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, or if we may be of further service to you in any way, please feel free to contact us.

Sincerely,

**Terracon**

  
Timothy M. Hitchcock, E.I.T.  
Staff Engineer

  
Timothy G. LaGrow, P.E. for  
Regional Manager



n:\projects\2006\towers\57067403MonroeNorth\geo57067403G.doc

Attachments: Geotechnical Engineering Report

Copies: (4) Addressee

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**GEOTECHNICAL ENGINEERING REPORT**  
**MONROE NORTH TELECOMMUNICATION TOWER**  
**2491 JOHN EATON ROAD**  
**THOMPKINSVILLE, KENTUCKY**  
**TERRACON PROJECT NO. 57067403G**  
**September 12, 2006**

**1.0 INTRODUCTION**

The purpose of this report is to describe the subsurface conditions encountered in the boring, analyze and evaluate the test data, and provide recommendations regarding the design and construction of the foundations and earthwork for the proposed tower. One boring extending to a depth of about 19 feet below the existing ground surface was drilled at the site. An individual boring log and a boring location plan are included with this report.

**2.0 PROJECT DESCRIPTION**

Terracon understands the proposed project will consist of the construction of a 240-foot self supporting lattice tower. Exact tower loads are not available, but based on our past experience are anticipated to be as follows:

Vertical Load:	600 kips
Horizontal Shear:	80 kips
Uplift:	500 kips

A small, lightly loaded equipment building will also be constructed. Wall and floor loads for this building are not anticipated to exceed 1 kip per linear foot and 100 pounds per square foot, respectively. The subject site is located in a pasture northwest of the intersection of Kentucky Highway 163 and John Eaton Road. The ground surface elevation at the center of the proposed tower was reportedly about 1,000 feet. Our site visit noted that the site slopes to the west/northwest with about 6 to 8 feet of elevational relief within the tower compound.

**3.0 EXPLORATION PROCEDURES**

**3.1 Field Exploration**

The subsurface exploration consisted of drilling and sampling one boring at the site to a depth of about 19 feet below existing grade. The boring was advanced at the center of the tower, staked by the project surveyor. The ground surface elevation at the boring location was noted on the provided drawings. The location and elevation of the boring should be considered accurate only to the degree implied by the means and methods used to define them.



The boring was drilled with an ATV-mounted rotary drill rig using hollow stem augers to advance the borehole. Representative soil samples were obtained by the split-barrel sampling procedure in general accordance with the appropriate standard. In the split-barrel sampling procedure, the number of blows required to advance a standard 2-inch O.D. split-barrel sampler the last 12 inches of the typical total 18-inch penetration by means of a 140-pound hammer with a free fall of 30 inches, is the standard penetration resistance (SPT) value (N-Value). This value is used to estimate the in-situ relative density of cohesionless soils and the consistency of cohesive soils. The sampling depths, penetration distance, and SPT N-Values are shown on the boring log. The samples were sealed and delivered to the laboratory for testing and classification.

Auger refusal was encountered at a depth of about 9 feet below the existing ground surface. The boring was extended into the refusal materials using a diamond bit attached to the outer barrel of a double core barrel. The inner barrel collected the cored material as the outer barrel was rotated at high speeds to cut the rock. The barrel was retrieved to the surface upon completion of each drill run. Once the core samples were retrieved, they were placed in a box and logged. The rock was later classified by an engineer and the "percent recovery" and rock quality designation (RQD) were determined.

The "percent recovery" is the ratio of the sample length retrieved to the drilled length, expressed as a percent. An indication of the actual in-situ rock quality is provided by calculating the sample's RQD. The RQD is the percentage of the length of broken cores retrieved which have core segments at least 4 inches in length compared to each drilled length. The RQD is related to rock soundness and quality as illustrated below:

**Table 1 – Rock Quality Designation (RQD)**

Relation of RQD and In-situ Rock Quality	
RQD (%)	Rock Quality
90 - 100	Excellent
75 - 90	Good
50 - 75	Fair
25 - 50	Poor
0 -25	Very Poor

A field log of the boring was prepared by a subcontract driller. This log included visual classifications of the materials encountered during drilling as well as the driller's interpretation of the subsurface conditions between samples. The final boring log included with this report represents an interpretation of the driller's field log and a visual classification of the soil samples made by the Geotechnical Engineer.

### 3.2 Laboratory Testing

The samples were classified in the laboratory based on visual observation, texture and plasticity. The descriptions of the soils indicated on the boring log are in accordance with the enclosed General Notes and the Unified Soil Classification System. Estimated group symbols according to the Unified Soil Classification System are given on the boring log. A brief description of this classification system is attached to this report.

The laboratory testing program consisted of performing water content tests and an Atterberg Limits test on representative soil samples. Information from these tests was used in conjunction with field penetration test data to evaluate soil strength in-situ, volume change potential, and soil classification. Results of these tests are provided on the boring log.

Classification and descriptions of rock core samples are in accordance with the enclosed General Notes, and are based on visual and tactile observations. Petrographic analysis of thin sections may indicate other rock types. Percent recovery and rock quality designation (RQD) were calculated for these samples and are noted at their depths of occurrence on the boring log.

## 4.0 EXPLORATORY FINDINGS

### 4.1 Subsurface Conditions

Conditions encountered at the boring location are indicated on the boring log. Stratification boundaries on the boring log represent the approximate location of changes in soil types and the transition between materials may be gradual. Water levels shown on the boring log represent the conditions only at the time of our exploration. Based on the results of the boring, subsurface conditions on the project site can be generalized as follows.

Underlying approximately 2 inches of topsoil, our boring encountered lean clay (CL) to an auger refusal depth of about 9 feet below existing grade. The lean clay generally exhibited a stiff consistency based on SPT N-values of 10 and 11 blows per foot (bpf). A SPT N-value in excess of 50 bpf was obtained at a depth of about 6 feet below existing ground surface. The elevated SPT N-value is likely due to weathered rock material within the cohesive soil matrix below this depth.

Below a depth of about 9 feet, rock coring techniques were used to advance the borehole. The core samples recovered consisted of very closely to closely jointed, slightly to moderately weathered, gray to dark gray and hard limestone with interbedded shale. A clay seam was present in the core sample from a depth of about 11 to 13 feet below existing ground surface. Approximately 96 percent of the 10 foot core run was recovered. However as previously mentioned this recovery included a 2-foot clay seam. The quality of the rock

is rated at fair based on a RQD value of 63 percent. Considering the height of the tower and the quality of the bedrock, coring operations were terminated at a depth of 19 feet below grade.

#### **4.2 Site Geology**

A review of the Geologic Map of Sulphur Lick Quadrangle published by the United States Geological Survey (USGS) indicates that the site is underlain by St. Louis Limestone of the Carbonaceous age. The St. Louis Limestone is comprised of dark-gray to light-gray dense limestone containing abundant amounts of chert.

It should be noted that the site is underlain by a limestone formation that is highly susceptible to dissolution along joints and bedding planes in the rock mass. This results in voids and solution channels within the rock strata and a highly irregular bedrock surface. The weathering of the bedrock and subsequent collapse or erosion of the overburden into these openings results in what is referred to as a karst topography. Any construction in karst topography is accompanied by some degree of risk for future internal soil erosion and ground subsidence that could affect the stability of the proposed structures. Our review of the available topographic and geologic mapping noted sinkholes within a 1 mile radius of the property.

#### **4.3 Groundwater Conditions**

No groundwater was encountered during the auger drilling portion of the borehole. Water was used to advance the borehole during rock coring operations. The introduction of water into the borehole precluded obtaining accurate groundwater level readings at the time of drilling operations. Long term observation of the groundwater level in monitoring wells, sealed from the influence of surface water, would be required to obtain accurate groundwater levels on the site.

It should be recognized that fluctuations of the groundwater table may occur due to seasonal variations in the amount of rainfall, runoff and other factors not evident at the time the boring was performed. Therefore, groundwater levels during construction or at other times in the life of the structure may be higher or lower than the levels indicated on the boring log. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project.

#### **5.0 ENGINEERING RECOMMENDATIONS**

Based on the encountered subsurface conditions, the tower could be constructed on drilled piers. Due to the presence of karst topography in the area of the site, mat foundation recommendations are not being provided. A mat foundation may be considered if additional exploration is performed. The lightly loaded equipment building can be supported on shallow

spread footings. Shallow foundation and drilled pier recommendations are presented in the following paragraphs.

### 5.1 Tower Foundation

Based on the results of the boring, the following tower foundation design parameters have been developed:

**Table 2 - Drilled Pier Foundation Design Parameters**

Depth * (feet)	Description **	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Internal Angle of Friction (Degree)	Cohesion (psf)	Lateral Subgrade Modulus (pci)	Strain, &sub50 (in/in)
0 - 3	Topsoil and Lean Clay	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 13	Lean Clay	400	Ignore	1,250	0	1,250	100	0.008
13 - 19	Limestone	6,000***	50,000	12,000***	0	120,000***	3,000	0.00001

\* Pier inspection is recommended to adjust pier length if variable soil/rock conditions are encountered.

\*\* A total unit weight of 120 and 150 pcf can be estimated for the lean clay and limestone, respectively.

\*\*\* The parameters have been reduced to take into account the shallow overburden. The pier should be embedded a minimum of 3 feet into limestone to mobilize these higher rock strength parameters. Furthermore, it is assumed the rock socket will be extended using coring techniques rather than blasting/shooting.

The above indicated cohesion, friction angle, lateral subgrade modulus and strain values have no factors of safety, and the allowable skin friction and the passive resistances have factors of safety of 2. The cohesion, internal friction angle, lateral subgrade modulus and strain values given in the above table are based on the boring, published correlation values and Terracon's past experience with similar soil/rock types. These values should, therefore, be considered approximate. To mobilize the higher rock strength parameters, the pier should be socketed at least 3 feet into bedrock. Furthermore, it is assumed that the rock socket is developed using coring rather than blasting techniques. The allowable end bearing pressure provided in the table has an approximate factor of safety of at least 3. Total settlement of a drilled pier founded on limestone and designed using the above parameters is not anticipated to exceed ½ inch.

The upper 3 feet of topsoil and lean clay should be ignored due to the potential affects of frost action and construction disturbance. To avoid a reduction in uplift and lateral resistance caused by variable bedrock depths and bedrock quality, it is recommended that a minimum pier length and minimum continuous rock socket length be stated on the design drawings. Relatively continuous bedrock was encountered in our boring below a depth of about 13 feet, but is expected to vary within the individual drilled piers between the tower legs, or if the tower is moved from the location of our boring. Considering the site geology, variable rock depths should be anticipated if the tower location is moved from the location of the boring. If the tower center is moved from the planned location, Terracon should be notified to review the recommendations and determine whether an additional boring is required. To facilitate pier

length adjustments that may be necessary because of variable rock conditions, it is recommended that a Terracon representative observe the drilled pier excavation. Depending on conditions observed, Terracon may recommend drilling a 5-foot probe hole at the bottom of each drilled pier and allowing the geotechnical engineer to evaluate the condition of the underlying bedrock using a hooked rod in the probe hole.

A drilled pier foundation should be designed with a minimum shaft diameter of 30 inches to facilitate clean out and possible dewatering of the pier excavation. Temporary casing may be required during the pier excavation in order to control possible groundwater seepage and support the sides of the excavation in weak soil zones. Care should be taken so that the sides and bottom of the excavations are not disturbed during construction. The bottom of the shaft should be free of loose soil or debris prior to reinforcing steel and concrete placement.

A concrete slump of at least 6 inches is recommended to facilitate temporary casing removal. It should be possible to remove the casing from a pier excavation during concrete placement provided that the concrete inside the casing is maintained at a sufficient level to resist any earth and hydrostatic pressures outside the casing during the entire casing removal procedure.

## **5.2 Equipment Building Foundations**

The proposed equipment shed may be supported on shallow footings bearing on stiff natural soils. The equipment building foundations should be dimensioned using a net allowable soil bearing pressure of 2,000 pounds per square foot (psf). In using net allowable soil pressures for footing dimensioning, the weight of the footings and backfill over the footings need not be considered. Furthermore, the footings should be at least 12 inches wide and a minimum of 2 feet square.

The geotechnical engineer or a qualified representative should observe the foundation excavations to verify that the bearing materials are suitable for support of the proposed loads. If, at the time of such observation, any soft soils are encountered at the design foundation elevation, the excavations should be extended downward so that the footings rest on stiff soils. If it is inconvenient to lower the footings, the proposed footing elevations may be re-established by backfilling after the undesirable material has been removed.

The recommended soil bearing value should be considered an upper limit, and any value less than that listed above would be acceptable for the foundation system. Using the value given, total settlement would be about 1 inch or less with differential settlements being less than 75 percent of total settlement. Footings should be placed at a depth of 2 feet, or greater, below finished exterior grade for protection against frost damage.

### **5.3 Parking and Drive Areas**

The drive that accesses the site will be surfaced with crushed stone. Parking and drive areas that are surfaced with crushed stone should have a minimum thickness of 6 inches and be properly placed and compacted as outlined herein. The crushed stone should meet Kentucky Transportation Cabinet specifications and applicable local codes.

A paved section consisting only of crushed graded aggregate base course should be considered a high maintenance section. Regular care and maintenance is considered essential to the longevity and use of the section. Site grades should be maintained in such a manner as to allow for adequate surface runoff. Any potholes, depressions or excessive rutting that may develop should be repaired as soon as possible to reduce the possibility of degrading the soil subgrade.

### **5.4 Site Preparation**

Site preparation should begin with the removal of any topsoil, loose, soft or otherwise unsuitable materials from the construction area. The geotechnical engineer should evaluate the actual stripping depth, along with any soft soils that require undercutting at the time of construction.

Any fill and backfill placed on the site should consist of approved materials that are free of organic matter and debris. Suitable fill materials should consist of well graded crushed stone or low plasticity cohesive soil. Low-plasticity cohesive soil should have a liquid limit of less than 45 percent and a plasticity index of less than 25 percent. The on site soils are considered suitable for re-use as fill. It is recommended that during construction these soils be further tested and evaluated prior to use as fill. Fill should not contain frozen material and it should not be placed on a frozen subgrade.

The fill should be placed and compacted in lifts of 9 inches or less in loose thickness. Fill placed below structures or used to provide lateral resistance should be compacted to at least 98 percent of the material's maximum standard Proctor dry density (ASTM D-698). Fill should be placed, compacted, and maintained at moisture contents within minus 1 to plus 3 percent of the optimum value determined by the standard Proctor test.

The geotechnical engineer should be retained to monitor fill placement on the project and to perform field density tests as each lift of fill is placed in order to evaluate compliance with the design requirements. Standard Proctor and Atterberg limits tests should be performed on the representative samples of fill materials before their use on the site.

## **6.0 GENERAL COMMENTS**

Terracon should be retained to review the final design plans and specifications so comments can be made regarding interpretation and implementation of our geotechnical recommendations in the design and specifications. Terracon also should be retained to provide testing and observation during excavation, grading, foundation and construction phases of the project.

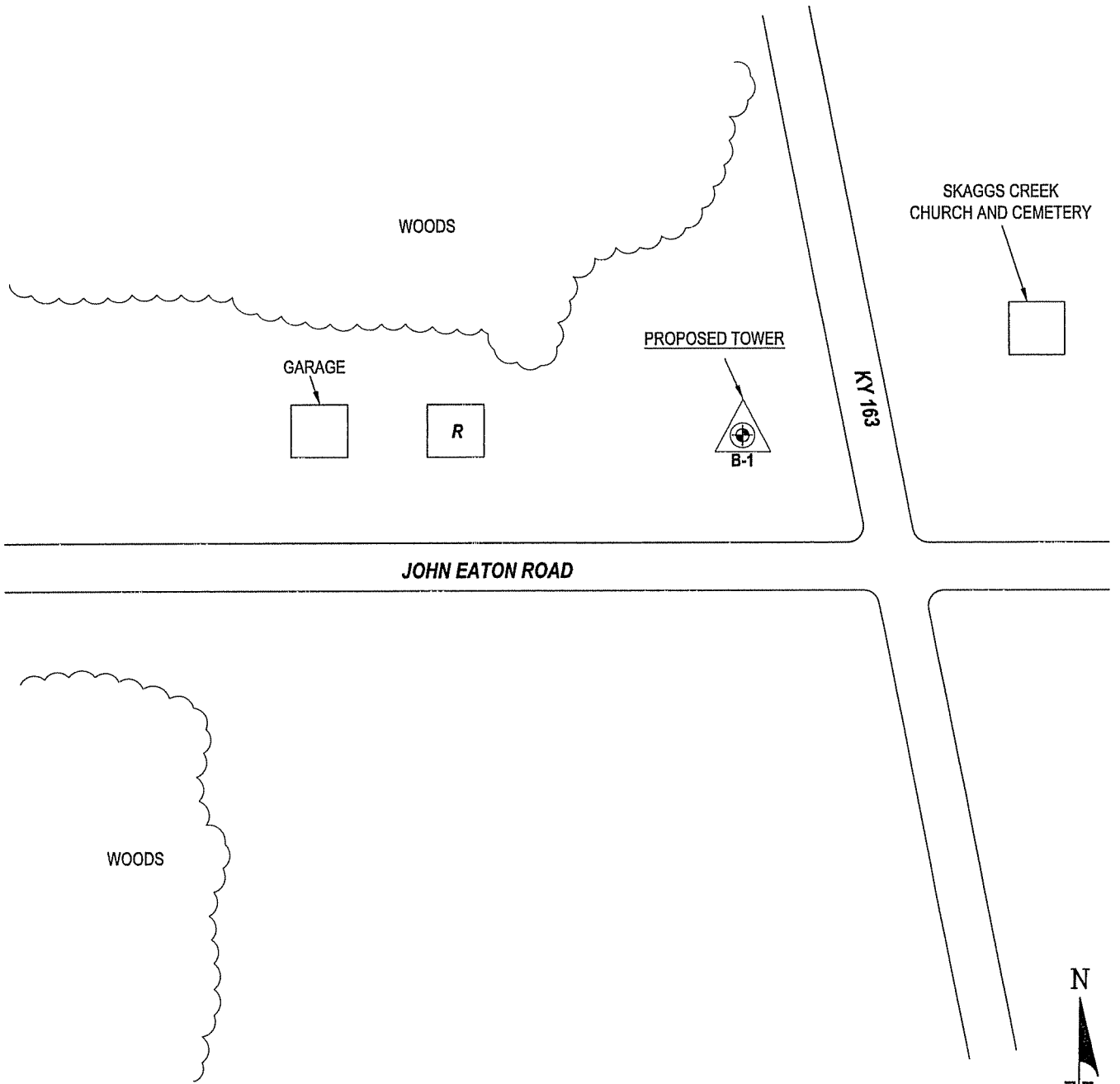
The analysis and recommendations presented in this report are based upon the data obtained from the boring performed at the indicated location and from other information discussed in this report. This report does not reflect variations that may occur across the site between tower legs, or due to the modifying effects of weather. The nature and extent of such variations may not become evident until during or after construction. If variations appear, we should be immediately notified so that further evaluation and supplemental recommendations can be provided.

The scope of services for this project does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.



This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No warranties, either express or implied, are intended or made. Site safety, excavation support, and dewatering requirements are the responsibility of others. In the event that changes in the nature, design, or location of the project as outlined in this report are planned, the conclusions and recommendations contained in this report shall not be considered valid unless Terracon reviews the changes and either verifies or modifies the conclusions of this report in writing.

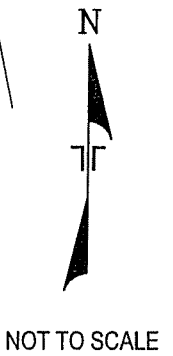
## APPENDIX





**LEGEND**

-  RESIDENTIAL
-  APPROXIMATE BORING LOCATION



THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	TMH	Project No.	57067403G	<b>Terracon</b> Consulting Engineers and Scientists	<b>BORING LOCATION DIAGRAM</b> GEOTECHNICAL ENGINEERING REPORT MONROE NORTH JOHN EATON ROAD AND KY 163 THOMPKINSVILLE, KENTUCKY	FIG. No.
Drawn By:	RRK	Scale:	NOT TO SCALE			1
Checked By:	MRF/TMH	File No.	GEO57067403G-1	4545 Bishop Lane, Suite 101      Louisville, KY 40218 (407) 843-1311                              (407) 843-1317		
Approved By:	EH	Date:	SEPTEMBER 2006			

# LOG OF BORING NO. B-1

<b>CLIENT</b> Bluegrass Cellular Partnership	
<b>SITE</b> 2491 John Eaton Road Thompkinsville, Kentucky	<b>PROJECT</b> Proposed Monroe North Telecommunication Tower

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS				
				NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	ATTERBERG LIMITS
0.2	Approx. Surface Elev.: 1000 ft <b>TOPSOIL</b> <b>LEAN CLAY</b> , orangish brown mottled, stiff to hard	1000	CL	1	SS	18	10	12		9000*	LL = 34 PL = 20 PI = 14
5			CL	2	SS	12	11	18		9000*	
9	Auger Refusal at 9 feet, Began Coring <b>LIMESTONE</b> with interbedded shale, slightly to moderately weathered, very closely to closely jointed, gray to dark gray, hard Clay Seam from 11 to 13 feet	991	CL	3	SS	12	23 50/2	15		9000*	
10				4	DB	96%	RQD 63%				
15											
19	Boring Terminated at 19 feet	981									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

**WATER LEVEL OBSERVATIONS, ft**

WL	▽		▽	
WL	▽		▽	
WL		Dry Upon Auger Completion		



BORING STARTED	9-4-06
BORING COMPLETED	9-4-06
RIG CME-550	FOREMAN JS
APPROVED TMH	JOB # 57067403G

BOREHOLE 99 57067403G.LOGS.GPJ TERRACON.GDT 9/11/06

## GENERAL NOTES

### DRILLING & SAMPLING SYMBOLS:

SS:	Split Spoon - 1- <sup>3</sup> / <sub>8</sub> " I.D., 2" O.D., unless otherwise noted	HS:	Hollow Stem Auger
ST:	Thin-Walled Tube - 2" O.D., unless otherwise noted	PA:	Power Auger
RS:	Ring Sampler - 2.42" I.D., 3" O.D., unless otherwise noted	HA:	Hand Auger
DB:	Diamond Bit Coring - 4", N, B	RB:	Rock Bit
BS:	Bulk Sample or Auger Sample	WB:	Wash Boring or Mud Rotary

The number of blows required to advance a standard 2-inch O.D. split-spoon sampler (SS) the last 12 inches of the total 18-inch penetration with a 140-pound hammer falling 30 inches is considered the "Standard Penetration" or "N-value".

### WATER LEVEL MEASUREMENT SYMBOLS:

WL:	Water Level	WS:	While Sampling	N/E:	Not Encountered
WCI:	Wet Cave in	WD:	While Drilling		
DCI:	Dry Cave in	BCR:	Before Casing Removal		
AB:	After Boring	ACR:	After Casing Removal		

Water levels indicated on the boring logs are the levels measured in the borings at the times indicated. Groundwater levels at other times and other locations across the site could vary. In pervious soils, the indicated levels may reflect the location of groundwater. In low permeability soils, the accurate determination of groundwater levels may not be possible with only short-term observations.

**DESCRIPTIVE SOIL CLASSIFICATION:** Soil classification is based on the Unified Classification System. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; their principal descriptors are: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are principally described as clays if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse-grained soils are defined on the basis of their in-place relative density and fine-grained soils on the basis of their consistency.

#### CONSISTENCY OF FINE-GRAINED SOILS

<u>Unconfined Compressive Strength, Qu, psf</u>	<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Consistency</u>
< 500	<2	Very Soft
500 - 1,000	2-4	Soft
1,001 - 2,000	5-7	Medium Stiff
2,001 - 4,000	8-15	Stiff
4,001 - 8,000	16-30	Very Stiff
8,000+	30+	Hard

#### RELATIVE DENSITY OF COARSE-GRAINED SOILS

<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Relative Density</u>
0 - 3	Very Loose
4 - 9	Loose
10 - 29	Medium Dense
30 - 49	Dense
50+	Very Dense

#### RELATIVE PROPORTIONS OF SAND AND GRAVEL

<u>Descriptive Term(s) of other constituents</u>	<u>Percent of Dry Weight</u>
Trace	< 15
With	15 - 29
Modifier	> 30

#### GRAIN SIZE TERMINOLOGY

<u>Major Component of Sample</u>	<u>Particle Size</u>
Boulders	Over 12 in. (300mm)
Cobbles	12 in. to 3 in. (300mm to 75 mm)
Gravel	3 in. to #4 sieve (75mm to 4.75 mm)
Sand	#4 to #200 sieve (4.75mm to 0.075mm)
Silt or Clay	Passing #200 Sieve (0.075mm)

#### RELATIVE PROPORTIONS OF FINES

<u>Descriptive Term(s) of other constituents</u>	<u>Percent of Dry Weight</u>
Trace	< 5
With	5 - 12
Modifiers	> 12

#### PLASTICITY DESCRIPTION

<u>Term</u>	<u>Plasticity Index</u>
Non-plastic	0
Low	1-10
Medium	11-30
High	30+

## GENERAL NOTES

### Description of Rock Properties

#### WEATHERING

Fresh	Rock fresh, crystals bright, few joints may show slight staining. Rock rings under hammer if crystalline.
Very slight	Rock generally fresh, joints stained, some joints may show thin clay coatings, crystals in broken face show bright. Rock rings under hammer if crystalline.
Slight	Rock generally fresh, joints stained, and discoloration extends into rock up to 1 in. Joints may contain clay. In granitoid rocks some occasional feldspar crystals are dull and discolored. Crystalline rocks ring under hammer.
Moderate	Significant portions of rock show discoloration and weathering effects. In granitoid rocks, most feldspars are dull and discolored; some show clayey. Rock has dull sound under hammer and shows significant loss of strength as compared with fresh rock.
Moderately severe	All rock except quartz discolored or stained. In granitoid rocks, all feldspars dull and discolored and majority show kaolinization. Rock shows severe loss of strength and can be excavated with geologist's pick.
Severe	All rock except quartz discolored or stained. Rock "fabric" clear and evident, but reduced in strength to strong soil. In granitoid rocks, all feldspars kaolinized to some extent. Some fragments of strong rock usually left.
Very severe	All rock except quartz discolored or stained. Rock "fabric" discernible, but mass effectively reduced to "soil" with only fragments of strong rock remaining.
Complete	Rock reduced to "soil". Rock "fabric" not discernible or discernible only in small, scattered locations. Quartz may be present as dikes or stringers.

#### HARDNESS (for engineering description of rock – not to be confused with Moh's scale for minerals)

Very hard	Cannot be scratched with knife or sharp pick. Breaking of hand specimens requires several hard blows of geologist's pick.
Hard	Can be scratched with knife or pick only with difficulty. Hard blow of hammer required to detach hand specimen.
Moderately hard	Can be scratched with knife or pick. Gouges or grooves to ¼ in. deep can be excavated by hard blow of point of a geologist's pick. Hand specimens can be detached by moderate blow.
Medium	Can be grooved or gouged 1/16 in. deep by firm pressure on knife or pick point. Can be excavated in small chips to pieces about 1-in. maximum size by hard blows of the point of a geologist's pick.
Soft	Can be gouged or grooved readily with knife or pick point. Can be excavated in chips to pieces several inches in size by moderate blows of a pick point. Small thin pieces can be broken by finger pressure.
Very soft	Can be carved with knife. Can be excavated readily with point of pick. Pieces 1-in. or more in thickness can be broken with finger pressure. Can be scratched readily by fingernail.

#### Joint, Bedding and Foliation Spacing in Rock<sup>a</sup>

Spacing	Joints	Bedding/Foliation
Less than 2 in.	Very close	Very thin
2 in. – 1 ft.	Close	Thin
1 ft. – 3 ft.	Moderately close	Medium
3 ft. – 10 ft.	Wide	Thick
More than 10 ft.	Very wide	Very thick

Rock Quality Designator (RQD) <sup>b</sup>		Joint Openness Descriptors	
RQD, as a percentage	Diagnostic description	Openness	Descriptor
Exceeding 90	Excellent	No Visible Separation	Tight
90 – 75	Good	Less than 1/32 in.	Slightly Open
75 – 50	Fair	1/32 to 1/8 in.	Moderately Open
50 – 25	Poor	1/8 to 3/8 in.	Open
Less than 25	Very poor	3/8 in. to 0.1 ft.	Moderately Wide
		Greater than 0.1 ft.	Wide

- a. Spacing refers to the distance normal to the planes, of the described feature, which are parallel to each other or nearly so.  
b. RQD (given as a percentage) = length of core in pieces 4 in. and longer/length of run.

References: American Society of Civil Engineers. Manuals and Reports on Engineering Practice - No. 56. Subsurface Investigation for Design and Construction of Foundations of Buildings. New York: American Society of Civil Engineers, 1976.  
U.S. Department of the Interior, Bureau of Reclamation, Engineering Geology Field Manual.

# UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests<sup>A</sup>

				Soil Classification		
				Group Symbol	Group Name <sup>B</sup>	
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines <sup>C</sup>	$Cu \geq 4$ and $1 \leq Cc \leq 3^E$	GW	Well-graded gravel <sup>F</sup>	
		Gravels with Fines More than 12% fines <sup>C</sup>	Fines classify as ML or MH Fines classify as CL or CH	GP GM GC	Poorly graded gravel <sup>F</sup> Silty gravel <sup>F,G,H</sup> Clayey gravel <sup>F,G,H</sup>	
		Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines <sup>D</sup>	$Cu \geq 6$ and $1 \leq Cc \leq 3^E$ $Cu < 6$ and/or $1 > Cc > 3^E$	SW SP	Well-graded sand <sup>I</sup> Poorly graded sand <sup>I</sup>
		Sands with Fines More than 12% fines <sup>D</sup>	Fines classify as ML or MH Fines Classify as CL or CH	SM SC	Silty sand <sup>G,H,I</sup> Clayey sand <sup>G,H,I</sup>	
	Fine-Grained Soils 50% or more passes the No. 200 sieve	Sils and Clays Liquid limit less than 50	inorganic	$PI > 7$ and plots on or above "A" line <sup>J</sup> $PI < 4$ or plots below "A" line <sup>J</sup>	CL ML	Lean clay <sup>K,L,M</sup> Silt <sup>K,L,M</sup>
			organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OL	Organic clay <sup>K,L,M,N</sup> Organic silt <sup>K,L,M,O</sup>
inorganic			$PI$ plots on or above "A" line $PI$ plots below "A" line	CH MH	Fat clay <sup>K,L,M</sup> Elastic Silt <sup>K,L,M</sup>	
Sils and Clays Liquid limit 50 or more		inorganic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OH	Organic clay <sup>K,L,M,P</sup> Organic silt <sup>K,L,M,O</sup>	
		organic				
Highly organic soils	Primarily organic matter, dark in color, and organic odor			PT	Peat	

<sup>A</sup>Based on the material passing the 3-in. (75-mm) sieve

<sup>B</sup>If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

<sup>C</sup>Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

<sup>D</sup>Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay

$$^E C_u = D_{60}/D_{10} \quad C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$$

<sup>F</sup>If soil contains  $\geq 15\%$  sand, add "with sand" to group name.

<sup>G</sup>If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

<sup>H</sup>If fines are organic, add "with organic fines" to group name.

<sup>I</sup>If soil contains  $\geq 15\%$  gravel, add "with gravel" to group name.

<sup>J</sup>If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

<sup>K</sup>If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

<sup>L</sup>If soil contains  $\geq 30\%$  plus No. 200 predominantly sand, add "sandy" to group name.

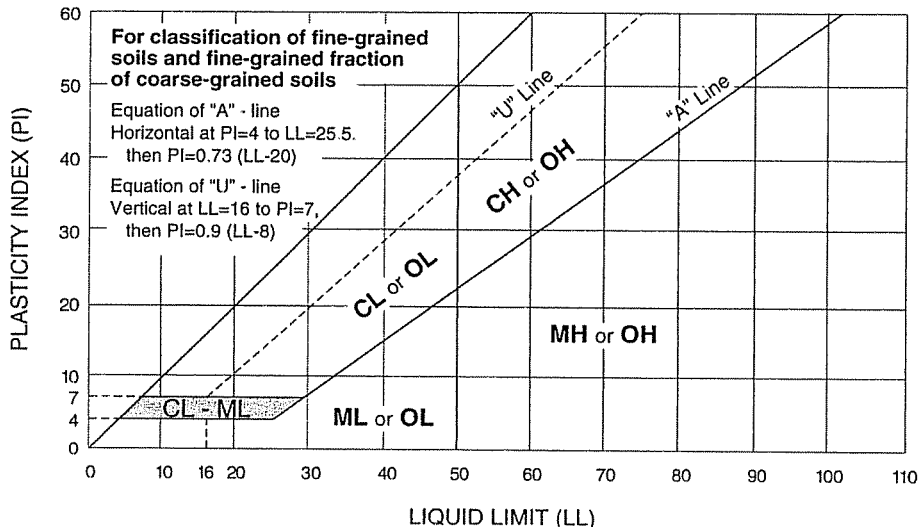
<sup>M</sup>If soil contains  $\geq 30\%$  plus No. 200, predominantly gravel, add "gravelly" to group name.

<sup>N</sup> $PI \geq 4$  and plots on or above "A" line.

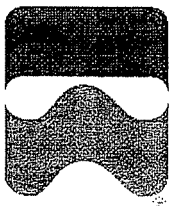
<sup>O</sup> $PI < 4$  or plots below "A" line.

<sup>P</sup> $PI$  plots on or above "A" line.

<sup>Q</sup> $PI$  plots below "A" line.







# BLUEGRASS CELLULAR

**APPROVAL SIGNATURES**

BLUEGRASS CELLULAR  
CONSTRUCTION SUPERVISOR: \_\_\_\_\_  
DATE: \_\_\_\_\_

CITY REPRESENTATIVE: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROPERTY OWNER/OWNERS: \_\_\_\_\_  
DATE: \_\_\_\_\_

TOWER OWNER/OWNERS: \_\_\_\_\_  
DATE: \_\_\_\_\_

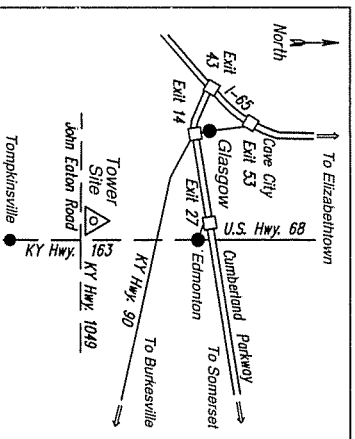
**SITE NAME: MONROE NORTH**

**911 ADDRESS: 2543 JOHN EATON RD.  
TOMPKINSVILLE, KY.  
42167**

**COUNTY: MONROE**

**TOWER LATITUDE & LONGITUDE**  
N 36° 47' 29.11" W 85° 41' 06.21"

SHEET NO.	DESCRIPTION	REVISION
TITLE SHEET	TITLE SHEET	
A-1	SURVEY	
A-2	SITE PLAN	
	FENCE DETAILS	
	ANTENNA DETAILS 1	
	ANTENNA DETAILS 2	
	ANTENNA DETAILS 3	
	ELECTRICAL DETAILS	
	LYNCHOLE	
	ELEC. PLAN - GROUNDING	
	GROUNDING DETAILS	
	FOUNDATION DETAILS	
	GENERATOR DETAIL	
	GENERAL NOTES	



**VICINITY MAP**  
NOT TO SCALE

**DIRECTIONS TO SITE**

From Elizabethtown, Kentucky: travel south on I-65 to Exit 43 and the Cumberland Parkway, travel east on the Cumberland Parkway to Exit 14 and Kentucky Highway 90 on the south side of Glasgow, turn right and travel southeasterly on Kentucky Highway 90 for 15.5 miles to Kentucky Highway 163, turn right onto the Kentucky Highway 163 and travel south 6.5 miles to John Eaton Road and Kentucky Highway 1049, turn right onto John Eaton Road and travel west 100 feet to the site on the right or North side of the road in a pasture.

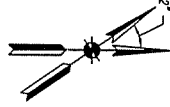
## SITE DATA

PROPERTY OWNER:	Benny & Justice Wood 2481 John Eaton Rd. (270) 481-4271
TOWER OWNER:	BLUEGRASS CELLULAR (270) 788-0338
POWER COMPANY:	TR COUNTY ELECTRIC (270) 822-4115
TELEPHONE COMPANY:	BELLSOUTH (800) 228-8075
WATER COMPANY:	MONROE COUNTY WATER DISTRICT (270) 487-8131
BLUEGRASS CONSTRUCTION SUPERVISOR:	HAROLD WATERS (270) 202-7030



ROBIN BECKER  
(606) 221-5856  
CR152/75K

True  
Grid  
North  
North  
000722'



**Basis of Bearings**  
The bearing system of this survey is based upon CTS observations made on December 14, 2005 using the National Geodetic Survey monument located at the intersection of the Kentucky State System, South Zone, NAD 83 (1983) TMS system & grid north.

**Tower Location Information**

Proposer: James Keith  
Site #2, West  
Horizontal Datum: NAD 83 (1983)  
Vertical Datum: NAVD 83  
Longitude: 85°11'30.7" W  
Latitude: 37°41'29.7" N  
Ground Elevation: 933.7 feet (284.7 meters)  
Horizontal: 1,627,323.5 feet (496,017.8 meters)  
Vertical: 1,633,413.4 feet (498,817.8 meters)  
Easting: 1,633,413.4 feet (498,817.8 meters)

**Owner Information**

Owner: Barry F. Wood and Janice M. Wood  
Address: 2491 John Eaton Road  
City: Tompkinsville, Kentucky 42167  
Phone: (502) 492-2771  
Fax: (502) 492-2771  
P.O. Box No. 57-53

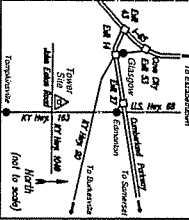
**Project Branch Mark**

Number: 1,627,311 feet (496,027 meters)  
Easting: 1,633,891 feet (498,857 meters)  
Vertical: 1,633,413 feet (498,817 meters)  
Description: A marker stake set in the west side about 100' northeast of the center of the tower.

**Flood Plain Statement**

According to the FEMA maps, this site is in unincorporated areas. No flood information is available for the unincorporated areas of Monroe County, Kentucky. However, a flood inspection of the site and vicinity has been conducted and no flood plain is within a flood zone area.

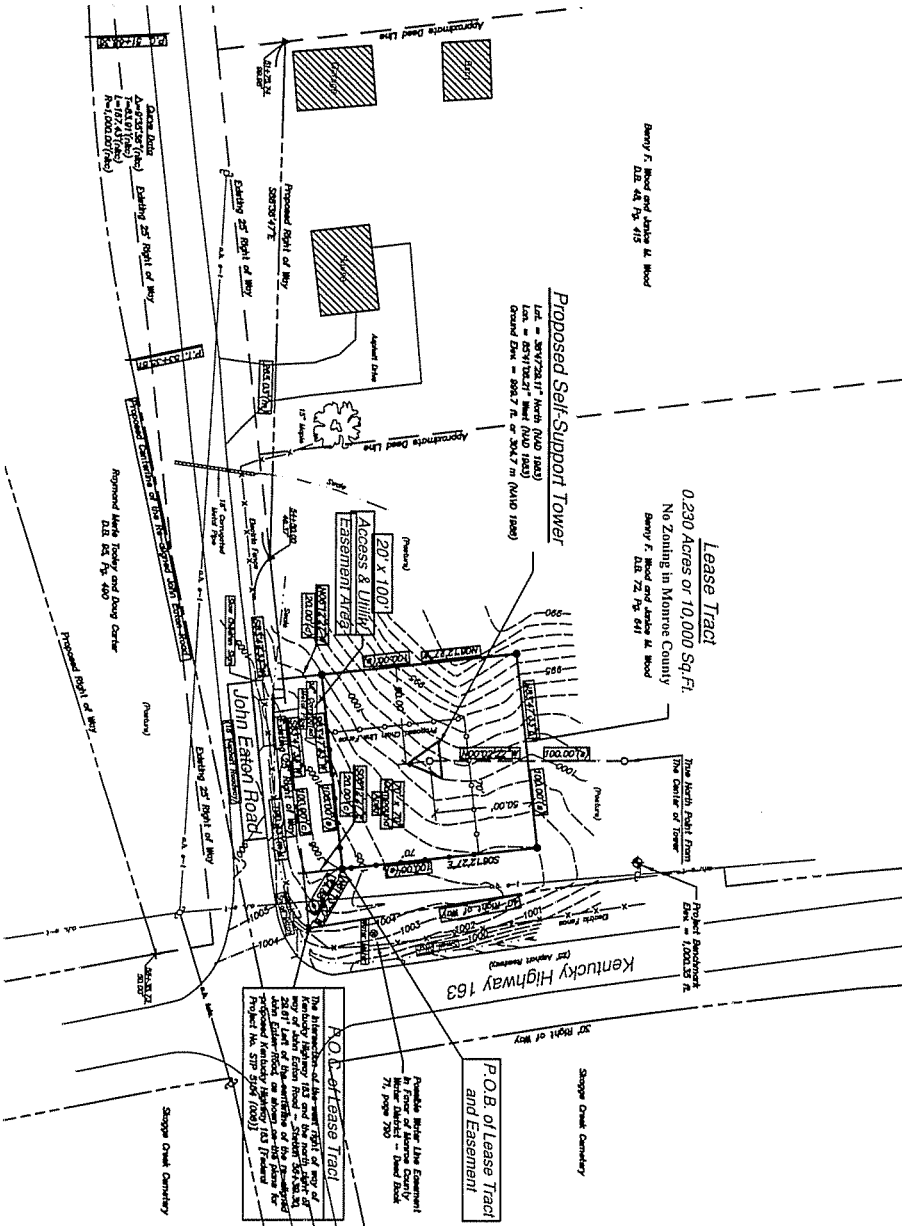
**Ventality Map**



**Directions to Site**

From Elizabethtown, Kentucky, travel south on KY-143 to exit 41. Turn east on the Cumberland Highway to exit 14 and Kentucky Highway 90 to the south side of the road. Turn right on the south side of Kentucky Highway 90 and travel south 0.5 mile to the intersection of the road and Kentucky Highway 163. Turn right onto the road and travel west 100 feet to the site on the right or North side of the road. It is about 100 feet west of the road.

# Site: Monroe North Lease Boundary and Topographic Survey Monroe County, Kentucky



**Surveyor's Notes**

- This survey is subject to a statement of facts which may be obtained by an abstract of title or title Commitment Page. This document is not provided by the client.
- No search of public records has been performed by this firm to determine any other encumbrances on the subject property.
- The utility shown on this plot may or may not be in place. The presence of the utility shown is not warranted. The utility location shown is determined by a visual inspection of the property site. No utility located on this survey is shown.
- The location of the utility shown is not warranted. The utility shown may be the responsibility of the utility company.

**Legend**

- Right of Way
- Utility Pole
- Day Access
- Wright Acre
- Magnum Parcel
- Acres
- Considered
- Set

**GRAPHIC SCALE**

1 inch = 50 ft.  
Center line = 1-foot

**Lease Boundary and Easement Description**

A tract of land that is located about 6.3 miles north of the City of Tompkinsville in the northwest quadrant of the intersection of the present location of Kentucky Highway 163 and John Eaton Road, being more or less the east side of the 200' wide right of way of Kentucky Highway 163, containing 0.230 acres, more or less, being described as follows:

**DESCRIPTION of a real tract of land at the intersection of the north right of way of John Eaton Road (75 feet wide) and the present centerline of the proposed centerline of the re-designed John Eaton Road as per the highway plans for the proposed Kentucky Highway 163 (road right of way 337'-10" (102.1)) located North 81 degrees 00' 00" East 120.00 feet to a corner in the center of the tower with a survey iron marker 22.1 feet S 53° 38' 00" W 120.00 feet to the remainder of this description of the right of way of Easement of this description. thence South 83 degrees 47 minutes 33 seconds West 100.00 feet to a corner set by a survey iron marker 81 degrees 47 minutes 33 seconds East 100.00 feet to a corner set by a survey iron marker 81 degrees 47 minutes 33 seconds East 100.00 feet to a corner set by a survey iron marker 81 degrees 47 minutes 33 seconds East 100.00 feet to a corner set by a survey iron marker 81 degrees 47 minutes 33 seconds East 100.00 feet to the point of beginning and containing 0.230 acres (10,000 square feet) more or less.**

**NOTICE WITH an access and utility easement from the above-described 0.230-acre lease tract to John Eaton Road and adjacent lands being described as follows:** BEGINNING at a 5/8-inch iron set stake with a survey cap marked as follows: thence South 66 degrees 12 minutes 27 seconds East 20.00 feet to the north right of way of John Eaton Road (75 feet wide) of the present centerline; thence along and north right of way South 12 degrees 47 minutes East 20.00 feet to a corner set by a survey iron marker 12 degrees 47 minutes East 20.00 feet to a corner set by a survey iron marker 12 degrees 47 minutes East 20.00 feet to a corner set by a survey iron marker 12 degrees 47 minutes East 20.00 feet to a corner set by a survey iron marker 12 degrees 47 minutes East 20.00 feet to a corner set by a survey iron marker 12 degrees 47 minutes East 20.00 feet to a corner set by a survey iron marker 12 degrees 47 minutes East 20.00 feet to the point of beginning.

**NOTICE OF THIS:** Being a public of and they hereby, with the best knowledge and belief to Barry F. Wood and Janice M. Wood as they are now, 1992. It is hereby stated that this survey is not a warranty of any kind, but is a statement of fact and is not intended to be a warranty of any kind.

Surveyor's Certification

I hereby certify that this plot has been compiled from a survey conducted in accordance with the provisions of the Kentucky Surveying Act, 1967, and that the same is a true and correct representation of the facts as shown and believed by me on the date hereon written.

Surveyor: James Keith  
Date: 12-22-06

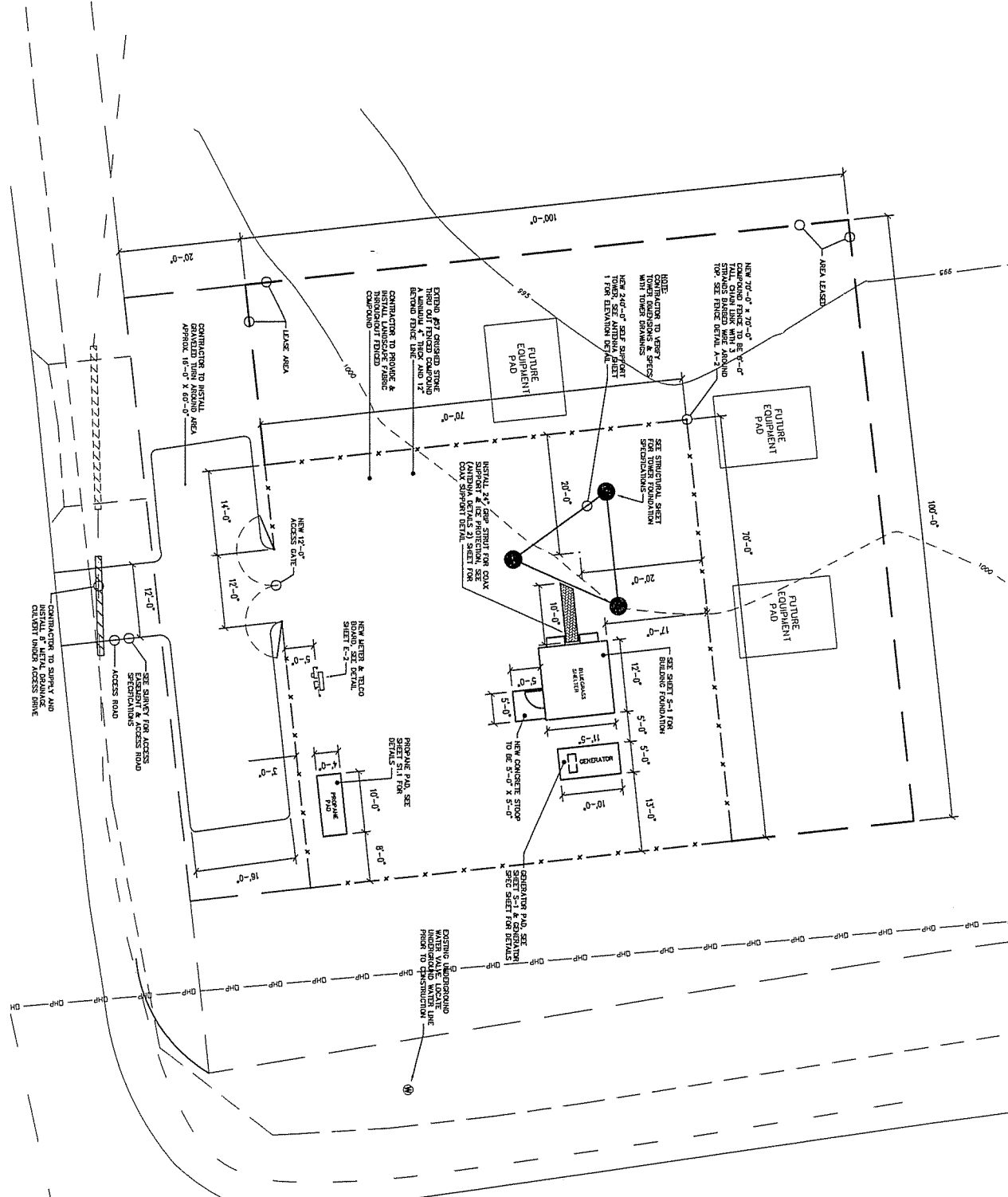
**Landmark Surveying Co., Inc.**  
15 N.E. 3rd Street  
Washington, Indiana 47501  
(812) 257-0950  
Email: landmark@landmarksurveying.com  
Project No. 06-10-C220

**Lease Boundary Survey**  
2543 John Eaton Road  
Tompkinsville, Kentucky 42167

**Bluegrass Cellular**  
2902 Ring Road  
Elizabethtown, Kentucky 42702

DATE	12-22-06
DRAWN BY	A. Wheeler
CHECKED BY	D.L. Hahn
SHEET NO.	1
OF 1 SHEETS	
FILE NO.	





**GENERAL NOTES:**

- 1) EQUIPMENT PICK-UP AND DELIVERY TO SITE FROM BLUEGRASS CELLULAR STAGING FACILITY TO BE THE CONTRACTOR'S RESPONSIBILITY, INCLUDING CRANE SET, AND ALL COST INCURRED.
- 2) FOR BUILDING AND ALL CONCRETE PAD DETAILS REFER TO STRUCTURALS AND SHEET S1.1
- 3) ALL CONCRETE TO HAVE SPECIFIED COATED SEALANT PER STRUCTURAL RECOMMENDATIONS.
- 4) ANY DAMAGE DUE TO CONSTRUCTION, TO BE REPAIRED OR REPLACED TO ORIGINAL CONDITION. (SUBJECT TO BLUEGRASS CELLULAR'S APPROVAL.)
- 5) ANY DAMAGE OF NATURAL SURROUNDINGS, INCLUDING BUT NOT LIMITED TO, GRASS, TREES, LANDSCAPING, ETC., TO BE REPAIRED OR REPLACED TO ORIGINAL CONDITION AT BLUEGRASS CELLULAR'S APPROVAL.
- 6) ROADWAYS TO BE GRADED SMOOTH AND EVEN, REMOVING ALL POTHOLES. ROADS TO HAVE PROPER DRAINAGE AND RUNOFF PER BLUEGRASS CELLULAR'S APPROVAL.
- 7) ANY RELOCATION OF EXISTING UTILITIES TO BE DONE IN ACCORDANCE WITH LOCAL CODES AND RECOMMENDATIONS, CONSULTING ALL UTILITY COMPANIES INVOLVED FOR APPROVAL AND SPECIFICATIONS REQUIRED.
- 8) FOR GRADING DETAILS, SEE GENERAL NOTESHEET
- 9) CONTRACTOR TO FIELD VERIFY ALL TOWER DIMENSIONS WITH TOWER MANUFACTURER PRIOR TO JOB BIDDING OR START OF ANY CONSTRUCTION
- 10) CONTRACTOR RESPONSIBLE FOR APPLYING FOR SERVICE TO SITE AND PAYING ANY FEES REQUIRED FOR PERMITS, HOOKUP, ETC.

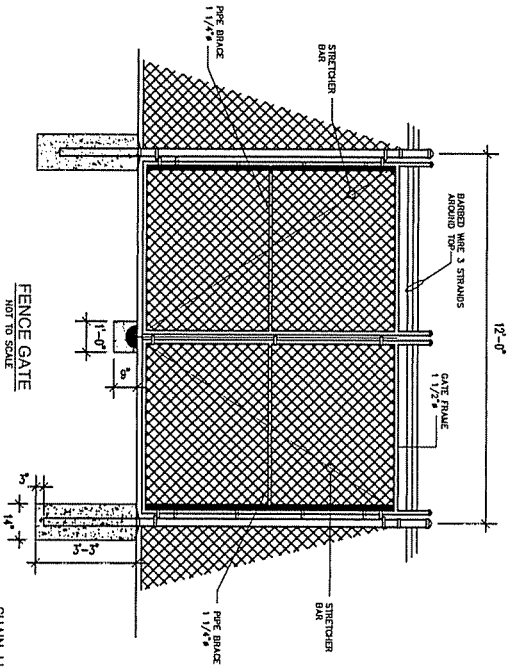
**SITE PLAN**  
SCALE: 1/8" = 1'-0"

DRAWN BY:	R. BECKER
ISSUE DATE:	2-5-07
SCALE:	LISTED
SHEET NUMBER:	A-1

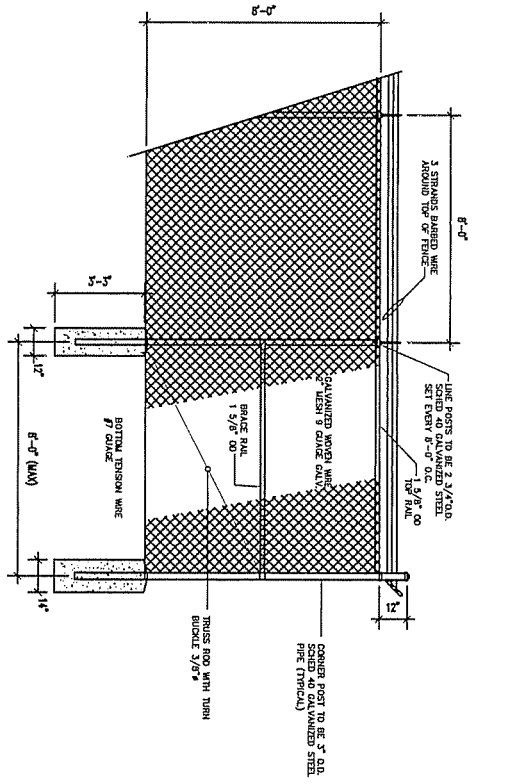
**BLUEGRASS CELLULAR, INC.**  
**STANDARD CELLULAR SITE**  
**MONROE NORTH**  
2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167

NO.	DATE	REVISION

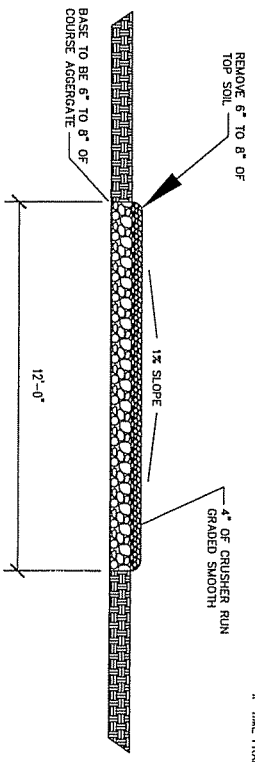




**FENCE GATE**  
NOT TO SCALE

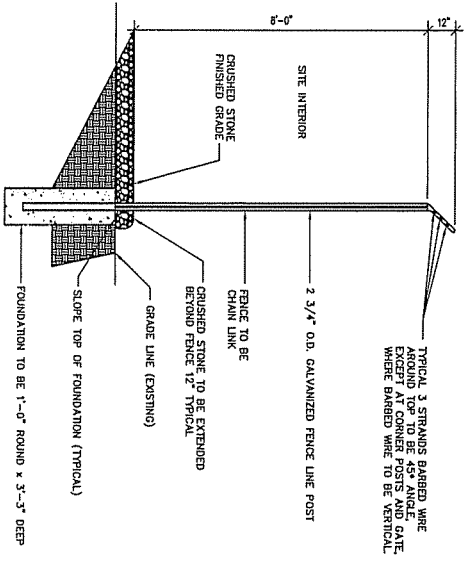


**FENCE DETAIL END POLES**  
NOT TO SCALE



**ROAD DETAIL**  
NOT TO SCALE

- CHAIN LINK FENCING NOTES:**
1. FABRIC: THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL HOT DIP GALVANIZED WIRE PICKETS HELICALLY WOUND AND INTERWOVEN FROM NO.3 W & M GAUGE COPPER BEARING STEEL WIRE TO FORM A CONTINUOUS CHAIN LINK FABRIC HAVING A 2\"/>
  - 2. GATES: SHALL BE 2 3/4\"/>
  - 3. TOP RAIL: SHALL BE 1 5/8\"/>
  - 4. FABRIC TIES: FOR ATTACHING FABRIC TO LINE POST, TOP RAIL OR TOP WIRE, SHALL BE ALUMINUM STRIP OR WIRE OF APPROVED GRADE AND DESIGN. USED ON TOP OF RAIL EVERY 24\"/>
  - 5. EXTENSION ARMS: CAST STEEL GALVANIZED TO ACCOMMODATE 3 STRANDS OF BARB WIRE, SINGLE ARM SLOPED TO 45\"/>
  - 6. BARRED WIRE (STEEL): ASTM A121 GALVANIZED STEEL, 12 GAUGE THICK WIRE, 3 STRANDS 4 POINTS AT 3\"/>
  - 7. SWING GATE POSTS: SHALL BE 3\"/>
  - 8. GATES: (A) SWING GATES: 2\"/>
  - 9. FENCE TO BE 100% ERECTED WITHIN TEN(10) DAYS OF COMPLETION OF CONSTRUCTION. IF TIME FRAME CANNOT BE MET, PLEASE NOTIFY PROJECT MANAGER.



**FENCE DETAIL LINE POLES**  
NOT TO SCALE

DRAWN BY:	R. BECKER
ISSUE DATE:	2-5-07
SCALE:	LISTED
SHEET NUMBER:	A-2

**BLUEGRASS CELLULAR, INC.**  
STANDARD CELLULAR SITE  
**MONROE NORTH**  
2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167

NO.	DATE	REVISION

**RBS**  
8403 MERCURY DRIVE LOUISVILLE, KY 40281  
(502) 555-5149 Fax: (502) 531-3328

## BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS

ALL LINES AND ANTENNAS TO BE PROPERLY MOUNTED TO TOWER OR STRUCTURE PER BLUEGRASS CELLULAR SPECIFICATIONS.

ALL GROUND BARS TO BE INSTALLED AND CAD WELDED TO GROUND FIELD (WHERE REQUIRED)

ALL LINES TO BE GROUNDED AT THE TOP AND BASE OF STRUCTURE OR TOWER.

ALL LINES TO BE GROUNDED AT ENTRANCE OF SHELTER BEFORE WAVE GUIDE PORTS. (EXTERIOR OF BUILDING)

LINES ARE TO BE SECURED TO ICE BRIDGE

WAVE-GUIDE BOOTS ARE TO BE INSTALLED ON ALL LINES (BOTH INSIDE AND OUTSIDE)

ALL COAX CONNECTIONS ARE TO BE WEATHER PROOFED. INVENTORY OF ALL MATERIAL IS TO BE DONE PRIOR TO INSTALLATION BY CONTRACTOR. (LIST WILL BE PROVIDED)

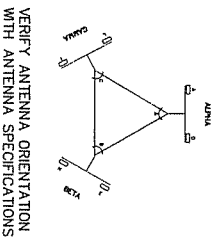
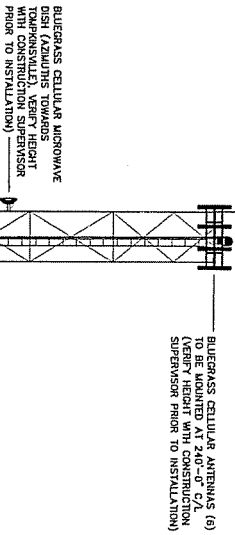
ALL TRASH AND REFUSE IS TO BE PROPERLY DISPOSED OF.

CONTRACTOR TO EXTEND HARDLINES INTO BUILDING 12" & INSTALL POLYPHASERS, PER INSTRUCTION OF PROJECT MANAGER.

CONTRACTORS TO SUPPLY POLYPHASERS OR LIKE UNITS TO BE INSTALLED AND GROUNDED TO GROUND BAR INSIDE BUILDING AT WAVE GUIDE ENTRANCE. GO TO SUPPLY GROUND CABLE & LUGS.

GENERAL CONTRACTOR TO MOUNT ANTENNA MOUNTS AT TOP OF STRUCTURE OR TOWER BY BLUEGRASS CELLULAR SPECIFICATIONS.

ICE BRIDGE TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR. (Additional Ice Bridge if needed) TRAPEZE KIT TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.  
CONTRACTOR TO INSTALL GPS BRACKET



### SELF SUPPORT TOWER ELEVATION (TYPICAL)

#### TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

#### ANTENNA SPECS

TYPE	SIZE	L X W X D	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	API3-880-8500	1'-7/8" X 1'-7/8" X 1'-7/8"	6	10°, 170°, 270°	240'-0" C/L VERIFY WITH CONSTRUCTION SUPERVISOR
ANTENNA (SECONDARY)	ADT-XP	D=46"			

#### ANTENNA MOUNTING HARDWARE SPECS

TYPE	SIZE	NUMBER
MOUNT (PRIMARY)	TRI-SECTOR MOUNT	3
MOUNT (SECONDARY)		

#### ANTENNA TRANSMISSION LINES SPECS

TYPE	SIZE	NUMBER
TRANSMISSION LINE (PRIMARY)	ANDREW	1-5/8"
TRANSMISSION LINE (SECONDARY)		

#### DISH SPECS

MICROWAVE/DISH	SIZE	NUMBER	AZIMUTH	MOUNTING HEIGHT
DISH #1	MICROWAVE DISH	1		FIELD VERIFY
DISH #2				

#### DISH MOUNT SPECS

TYPE	SIZE	NUMBER
MOUNT #1		
MOUNT #2		

#### DISH TRANSMISSION LINES

TYPE	SIZE	NUMBER
TRANSMISSION LINE #1	EW 90 Elliptical	1
TRANSMISSION LINE #2		

#### ANTENNA SYNOPSIS

- ANTENNAS TO HAVE A 2°E X,Y,Z
- ANTENNA FREQUENCY 880.00 - 890.00
- MICROWAVE DISH TO BE AIMED TOWARDS TOMPKINSVILLE. VERIFY HEIGHT AND AZIMUTHS WITH CONSTRUCTION SUPERVISOR

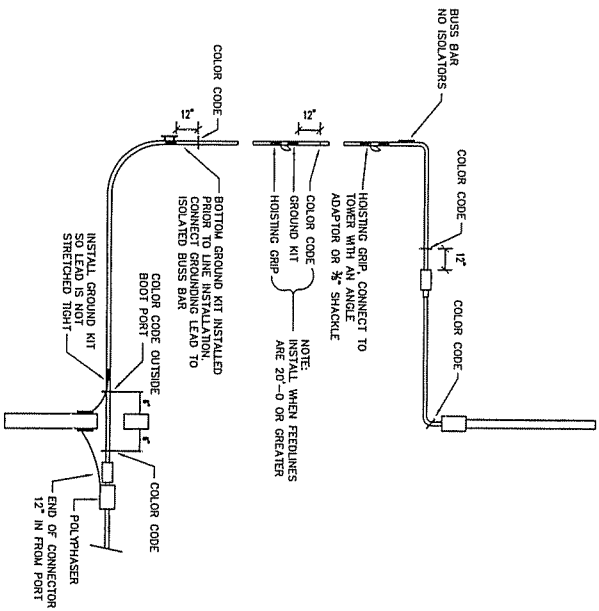


NO.	DATE	REVISION

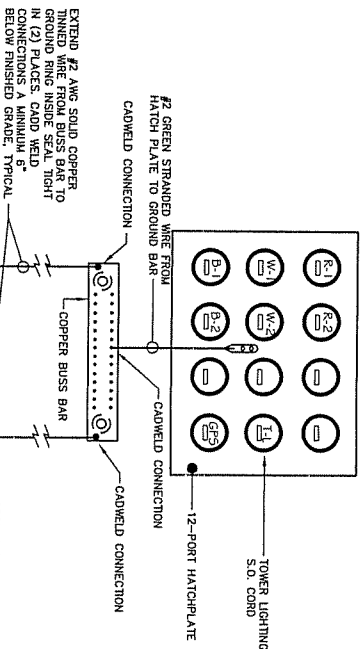
**BLUEGRASS CELLULAR, INC.**  
STANDARD CELLULAR SITE  
**MONROE NORTH**  
2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167

DRAWN BY: **R. BECKER**  
ISSUE DATE: **2-5-07**  
SCALE: **LISTED**

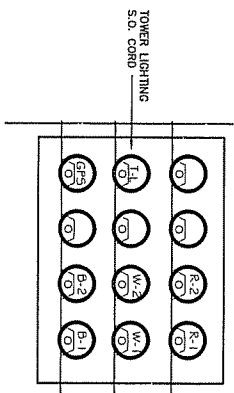
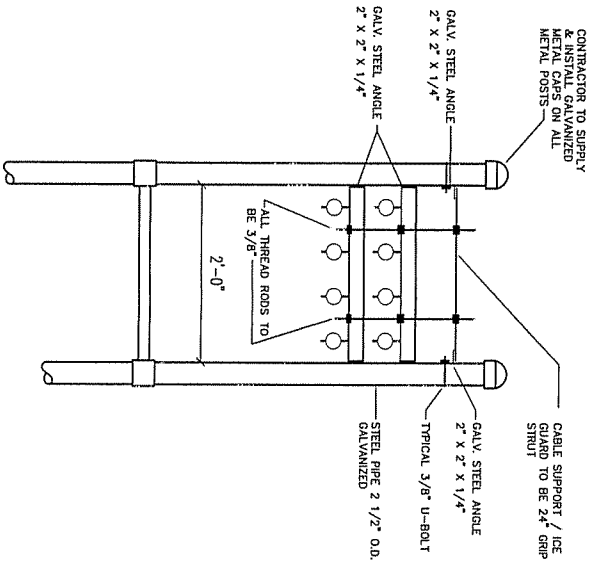
SHEET NUMBER: **1**  
ANTENNA DETAILS



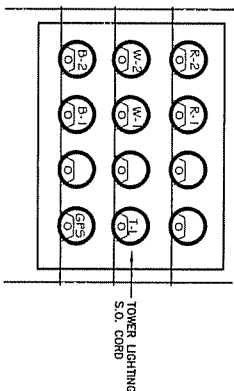
**COLOR CODING DETAIL**  
NO SCALE



**BOOT PORT GROUNDING DETAIL**  
NO SCALE



**COAX ENTRY DETAIL, POWER SIDE (VIEW FROM INSIDE SHELTER)**  
NO SCALE



**COAX ENTRY DETAIL, A/C SIDE (VIEW FROM INSIDE SHELTER)**  
NO SCALE

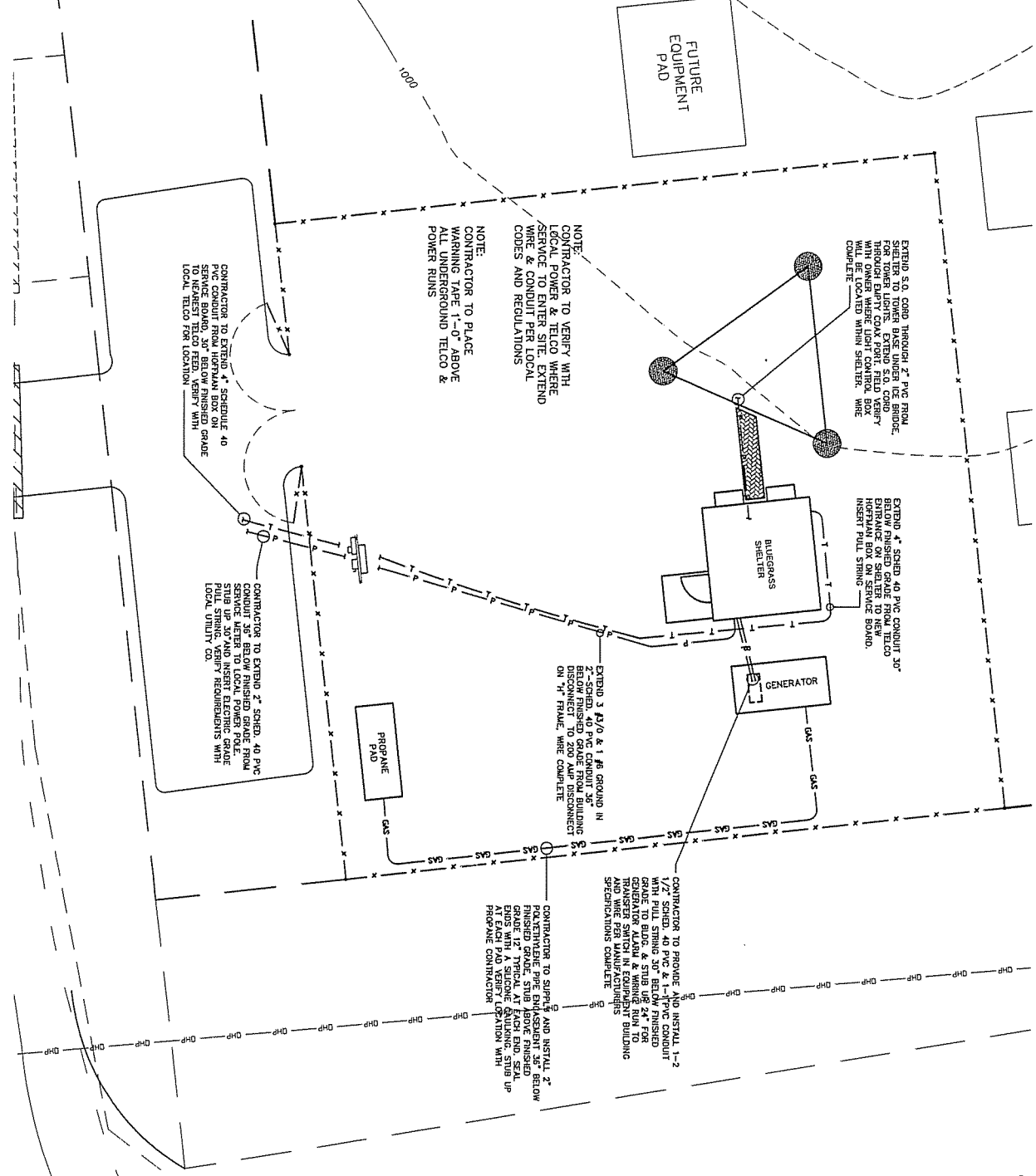
**ICE BRIDGE / COAX SUPPORT DETAIL**  
NO SCALE

DRAWN BY:	R. BECKER
ISSUE DATE:	2-5-07
SCALE:	LISTED
SHEET NUMBER:	2

**BLUEGRASS CELLULAR, INC.**  
**STANDARD CELLULAR SITE**  
**MONROE NORTH**  
2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167

NO.	DATE	REVISION





- GENERAL ELECTRICAL NOTES:**
- 1) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
  - 2) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL TELEPHONE COMPANY FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
  - 3) GROUND RING TO BE CONTAINED WITH IN THE COMPOUNDS FENCED AREA.
  - 4) FENCE TO BE GROUNDED FROM GROUND RING TO ALL CORNER POST & GATES. SPACE FENCE GROUNDED APPROXIMATELY 20'-0" O/C. (CADD WELD ALL CONNECTIONS)
  - 5) ALL GROUND RING CONNECTIONS TO BE AS CLOSE AS POSSIBLE, SHARP BENDS WILL NOT BE PERMITTED AS WELL AS "T" CONNECTIONS. ALL CONNECTIONS TO HAVE A SWEEPING RADIUS OF 8" MINIMUM. GROUNDED CONFIGURATION TO BE IN PARALLEL.
  - 6) CONTACT POINTS FOR GROUNDED TO BE CLEANED OF ANY RUST, PAINT, DIRT, ETC. TO CREATE A GOOD BOND FOR CONDUCTOR. AREA THAT HAS BEEN CLEANED TO BE RESEALED TO PREVENT RUSTING.
  - 7) PROPERLY GROUND ANY EXPOSED METAL THAT MAY EXIST ON EXTERIOR OF EQUIPMENT SHELTER OR CABINET.
  - 8) WHERE GROUND CONDUCTORS REQUIRE MECHANICAL BONDING, STAINLESS STEEL CONNECTORS ARE REQUIRED AT EACH CONNECTING POINT USING LOCK WASHERS.
  - 9) CONTRACTOR RESPONSIBLE FOR SEEING THAT UTILITY PERSONNEL MAKE FINAL CONNECTIONS, MAKING SURE THE TOWER ALARM IS CONNECTED AND WORKING. A TELEPHONE NUMBER FOR THE ALARM MUST BE SUPPLIED.
  - 10) CONTRACTOR RESPONSIBLE FOR MEG TESTING THE SITE AND SUPPLYING OWNER WITH FINAL READINGS IN OWNERS SPECIFICATIONS.
- NOTE:**  
CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED 1'-0" ABOVE CONDUIT RUNS.

**SHIELD'S LEGEND**

- POWER
- GAS
- TELEPHONE
- FENCE
- SWITCH DISTANCE
- Ⓜ METER PAD

**SITE PLAN - ELECTRICAL**

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

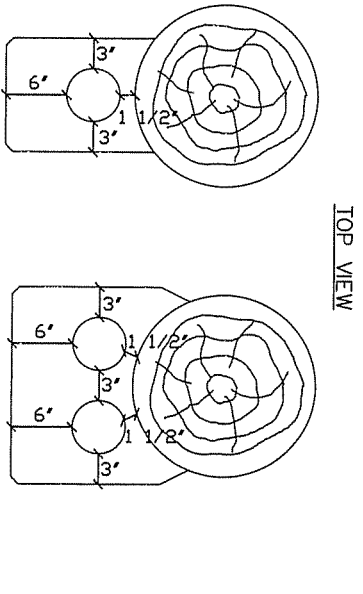
NO.	DATE	REVISION

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**MONROE NORTH**  
2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167

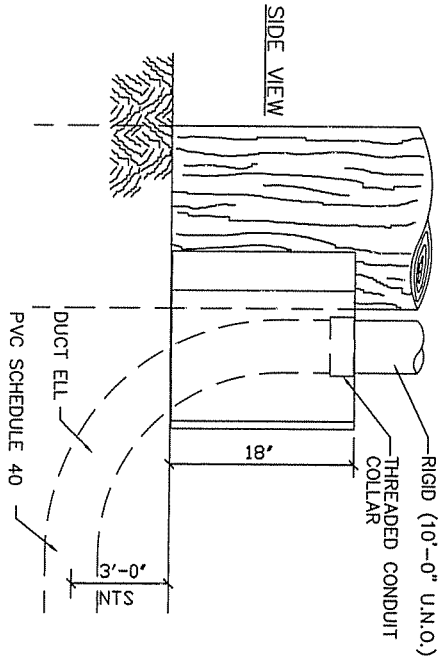
DRAWN BY: R. BECKER  
ISSUE DATE: 2-5-07  
SCALE: LISTED

SHEET NUMBER: E-1

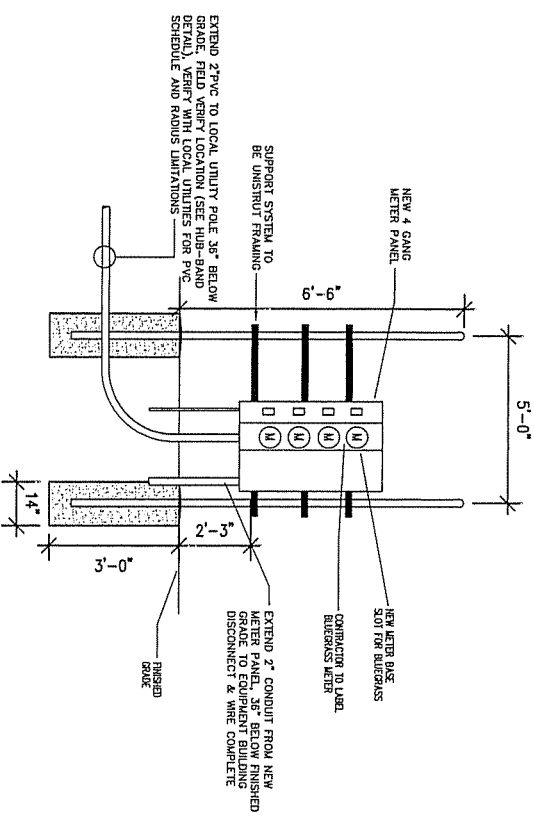
**R.B.**  
R. BECKER  
1040 MERCURY DRIVE, LOUISVILLE, KY. 40203  
PH: (502) 251-3100



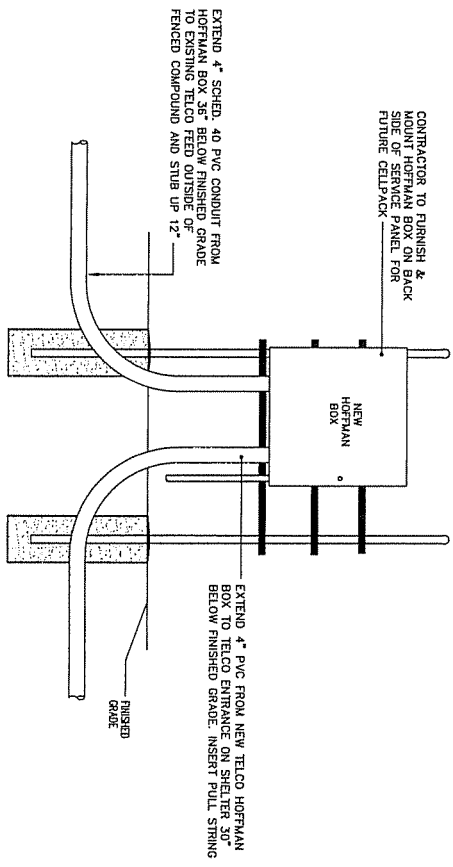
TOP VIEW



HUB-BAND DETAIL  
NO SCALE



SERVICE BOARD DETAIL  
NO SCALE



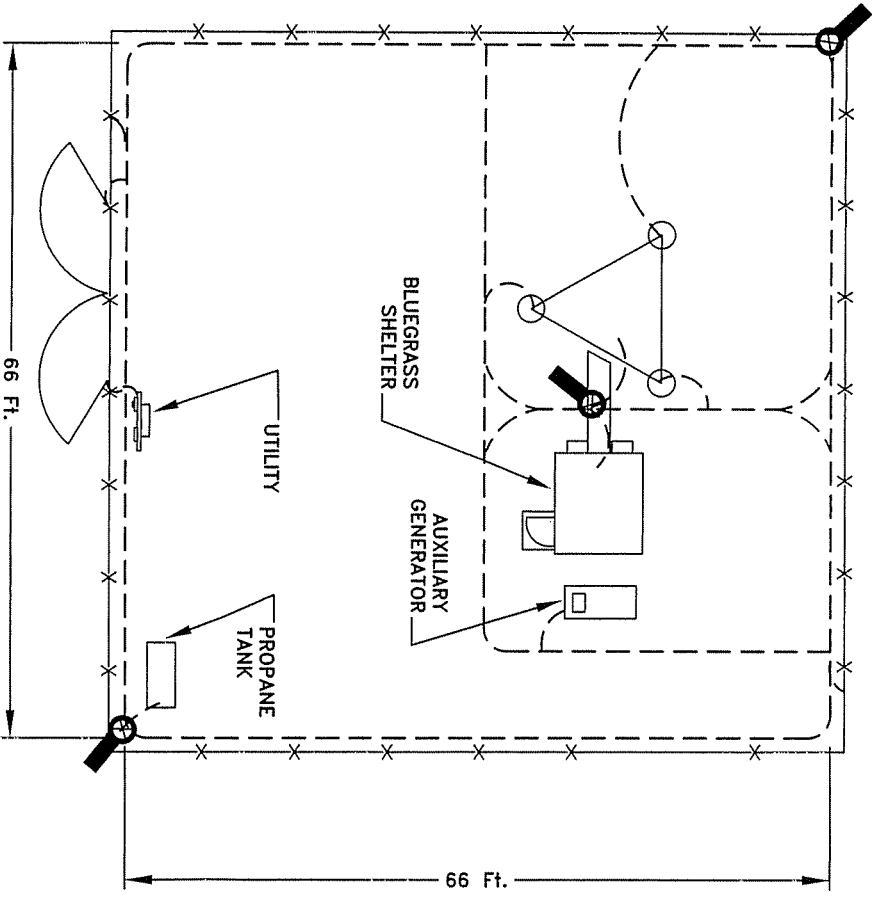
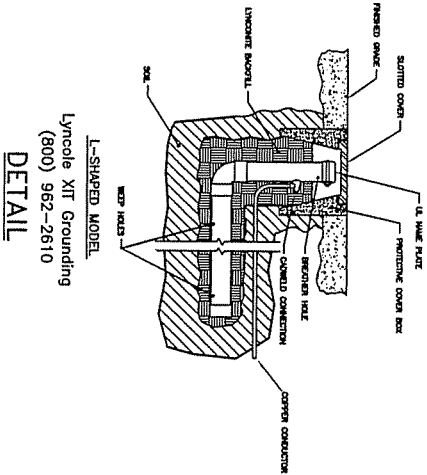
BACKBOARD DETAIL  
NO SCALE

NO.	DATE	REVISION

**R B**  
 8403 MERCURY DRIVE LOUISVILLE, KY 40291  
 (502) 538-8187 FAX (502) 621-3638

DRAWN BY: **R. BECKER**  
 ISSUE DATE: **2-5-07**  
 SCALE: **LISTED**  
 SHEET NUMBER: **E-2**

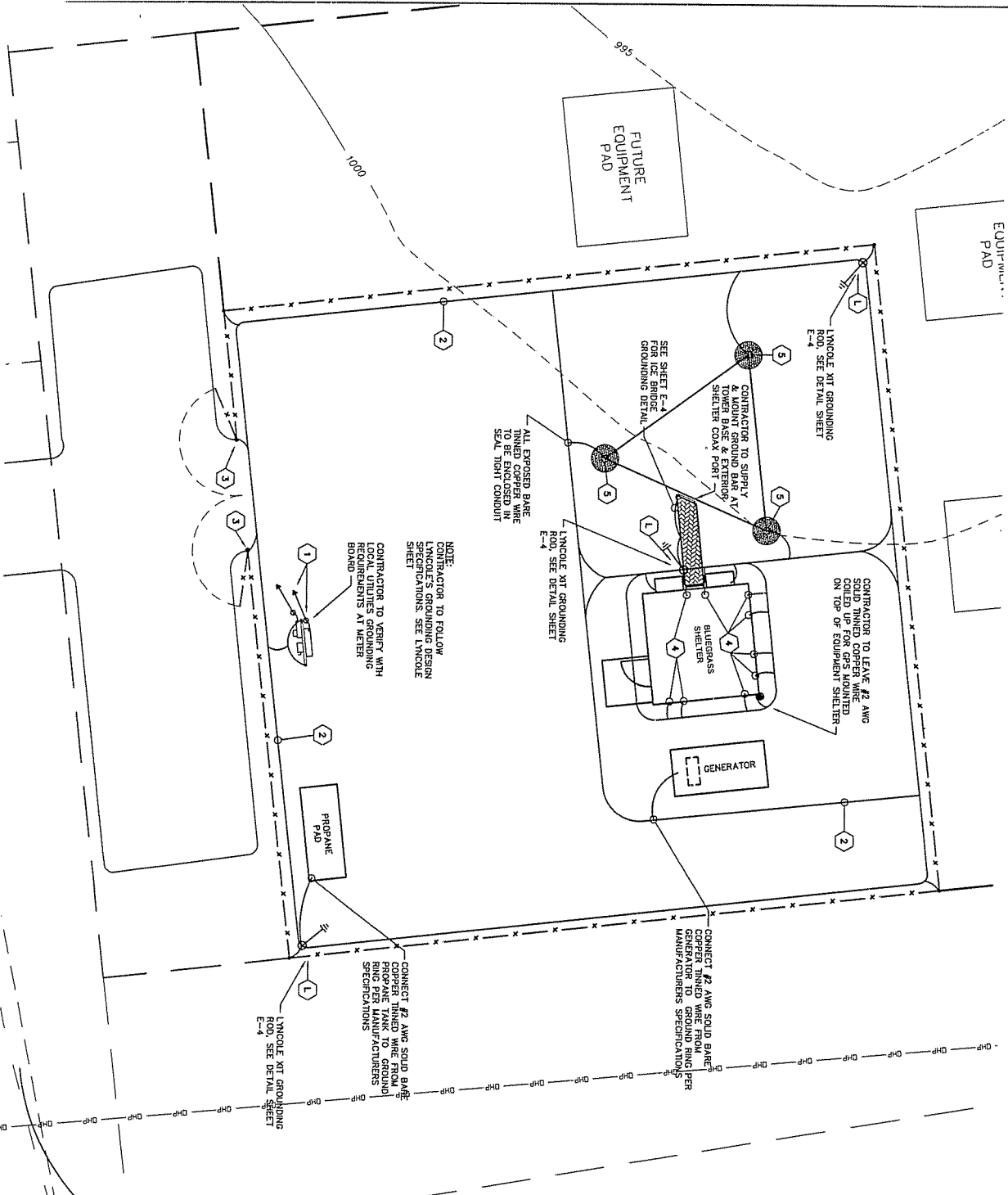
**BLUEGRASS CELLULAR, INC.**  
**STANDARD CELLULAR SITE**  
**MONROE NORTH**  
 2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167



**NOTES:**

- BARE #2 TINNED SOLID COPPER CONDUCTOR BURIED 30 IN. BELOW GRADE OR 6 IN. BELOW FROST LINE
- ALL BENDS IN GROUND CONDUCTOR TO BE MADE WITH MIN. 12 IN. RADIUS
- K2L-10CS (SEE DETAIL)

<b>LYNCOLE</b>		CLIENT / END USER <b>RSB DESIGN / BLUEGRASS CELLULAR</b>	
TECHNICAL SERVICES		DRAWING PROJECT NAME <b>Monroe North</b>	
3547 VOVAGER STREET, SUITE 204 TORRANCE, CA, 90503 (800)962-2610 FAX (310)214-1114 ENGINEERING@LYNCOLE.COM		LOCATION: CITY, STATE <b>Tompkinsville, KY</b>	
DRAWN BY <b>RFW</b>		APPROVED BY DATE <b>2/6/07</b>	
SCALE		LTS NUMBER	
REFERENCE NUMBER		CALCULATED RESISTANCE <b>&lt; 5 OHMS</b>	
TITLE <b>GROUNDING OPTION</b>		STDL DATA PROVIDED BY	



**GENERAL ELECTRICAL NOTES:**

- 1) CONTRACTOR TO PROVIDE ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
- 2) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL TELEPHONE COMPANY FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
- 3) GROUND RING TO BE CONTAINED WITH IN THE CORNERS FENCED AREA.
- 4) FENCE TO BE GROUNDED FROM GROUND RING TO ALL CORNER POST & GATES. SPACE FENCE GROUNDING APPROXIMATELY 20'-0" O/C. (CADD WELD ALL CONNECTIONS)
- 5) ALL GROUND RING CONNECTIONS TO BE AS CLOSE AS POSSIBLE. SHARP BENDS WILL NOT BE PERMITTED AS WELL AS "T" CONNECTIONS. ALL CONNECTIONS TO HAVE A SWEEPING RADIUS OF 8" MINIMUM. GROUNDING CONFIGURATION TO BE IN PARALLEL.
- 6) CONTACT POINTS FOR GROUNDING TO BE CLEANED OF ANY RUST PARTICLES. AREA TO BE CLEANED AND FOR CONDUCTOR. AREA THAT HAS BEEN CLEANED TO BE RESEALED TO PREVENT RUSTING.
- 7) PROPERLY GROUND ANY EXPOSED METAL THAT MAY EXIST ON EXTENSION OF EQUIPMENT SHELTER OR CABINET.
- 8) WHERE GROUND CONDUCTORS REQUIRE MECHANICAL BONDING, STAINLESS STEEL CONNECTORS ARE REQUIRED AT EACH CONNECTING POINT USING LOCK WASHERS.
- 9) CONTRACTOR RESPONSIBLE FOR SEEING THAT UTILITY PERSONNEL MAKE FINAL CONNECTIONS. MAKING SURE THE TOWER ALARM IS CONNECTED AND WORKING. A TELEPHONE NUMBER FOR THE ALARM MUST BE SUPPLIED.
- 10) CONTRACTOR RESPONSIBLE FOR KEEP TESTING THE SITE AND SUPPLYING OWNER WITH FINAL READINGS IN OWNERS SPECIFICATIONS.

**NOTE:**  
CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED AT 9" BELOW GRADE.

**NOTE:**  
CONTRACTOR TO FOLLOW LINCOLN'S GROUNDING SPECIFICATIONS WHEN USING THEIR XT GROUNDING RODS. SEE DETAIL SHEET E-4.

**REVISIONS:**

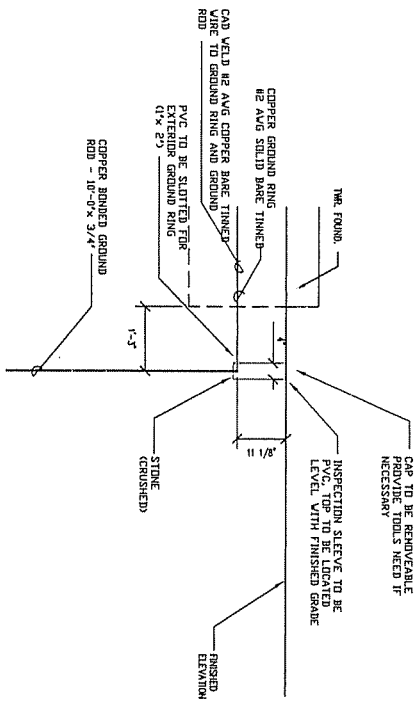
NO.	DATE	REVISION

**SITE PLAN-GROUNDING**  
SCALE: 3/32" = 1'-0"

DRAWN BY: <b>R. BECKER</b> ISSUE DATE: <b>2-5-07</b> SCALE: <b>LISTED</b>	<b>BLUEGRASS CELLULAR, INC.</b> <b>STANDARD CELLULAR SITE</b> <b>MONROE NORTH</b> 2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167	
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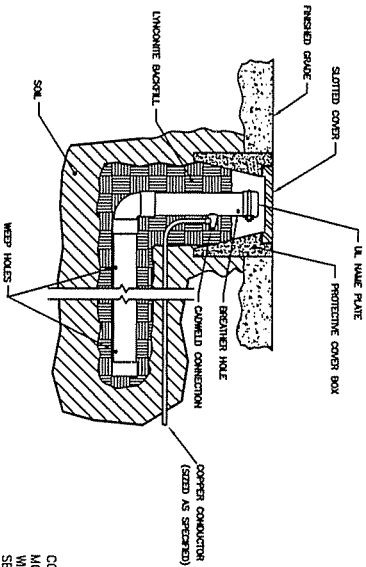
SHEET NUMBER: **E-3**  
 CONTRACTOR TO VERIFY WITH LOCAL UTILITIES GROUNDING REQUIREMENTS AT METER BOARD.  
 CONTRACTOR TO LEAVE #2 AVG THIN WELDED COPPER WIRE SOLDERED ON TOP OF EQUIPMENT SHELTER.  
 CONTRACTOR TO SUPPLY & MOUNT GROUND BAR AT TOWER BASE & EXTERIOR SHELTER COX POINT.  
 SEE SHEET E-4 FOR ICE BRIDGE GROUNDING DETAIL.  
 ALL EXPOSED BARE THIN WELDED COPPER WIRE TO BE ENCLOSED IN SOLID NIGHT CONDUIT.  
 CONNECT #2 AVG SOLID BARE COPPER THIN WELDED FROM GENERATOR TO GROUND RING PER MANUFACTURERS SPECIFICATIONS.  
 CONNECT #2 AVG SOLID BARE COPPER THIN WELDED FROM PROpane TANK TO GROUND RING PER MANUFACTURERS SPECIFICATIONS.  
 LINCOLN XT GROUNDING ROD, SEE DETAIL SHEET E-4.  
 LINCOLN XT GROUNDING ROD, SEE DETAIL SHEET E-4.  
 LINCOLN XT GROUNDING ROD, SEE DETAIL SHEET E-4.  
 LINCOLN XT GROUNDING ROD, SEE DETAIL SHEET E-4.





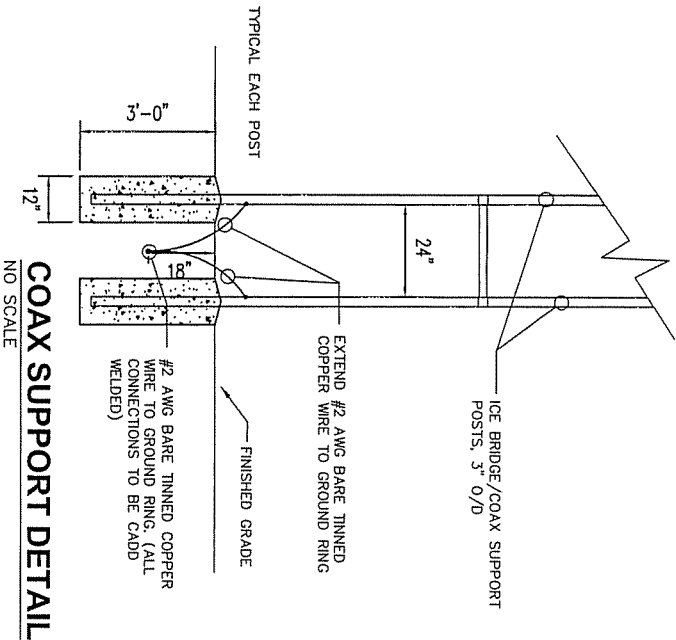
### GROUND ROD DETAIL

NO SCALE



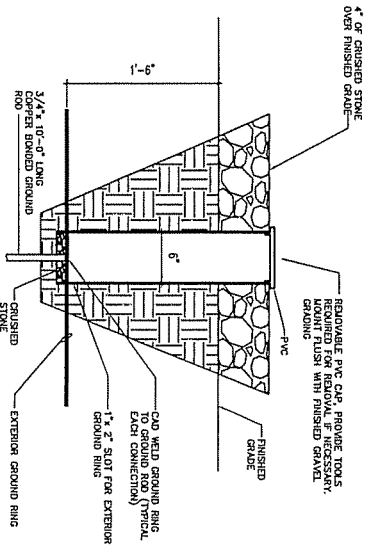
### LYNCOLE XIT ROD DETAIL

NO SCALE



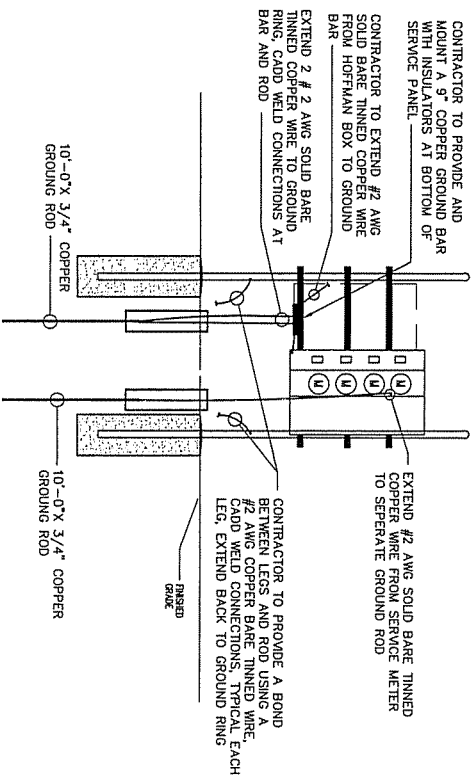
### COAX SUPPORT DETAIL

NO SCALE



### GROUND SLEEVE DETAIL

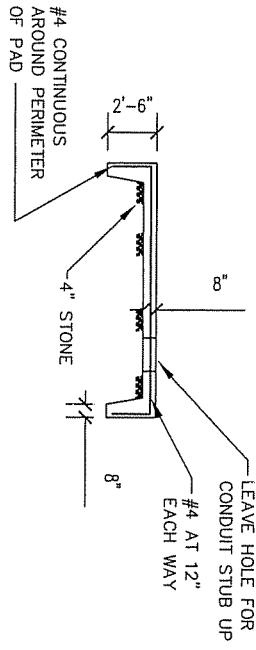
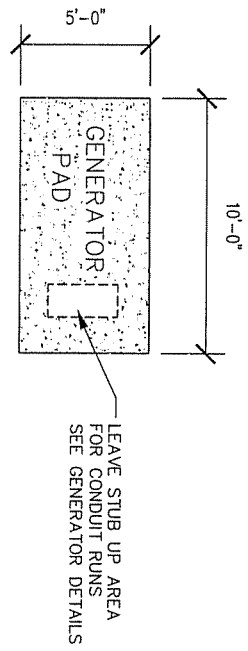
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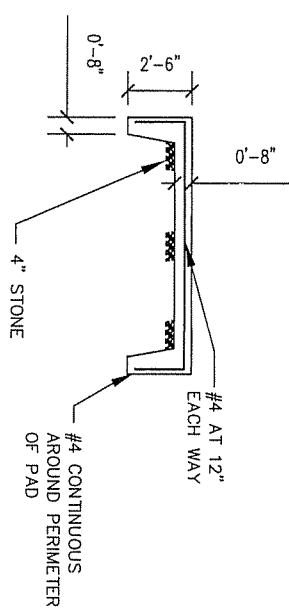
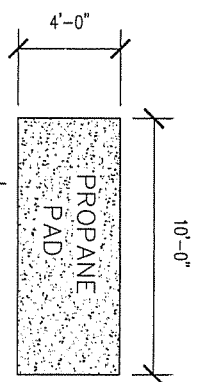
### SERVICE BOARD DETAIL

NO SCALE

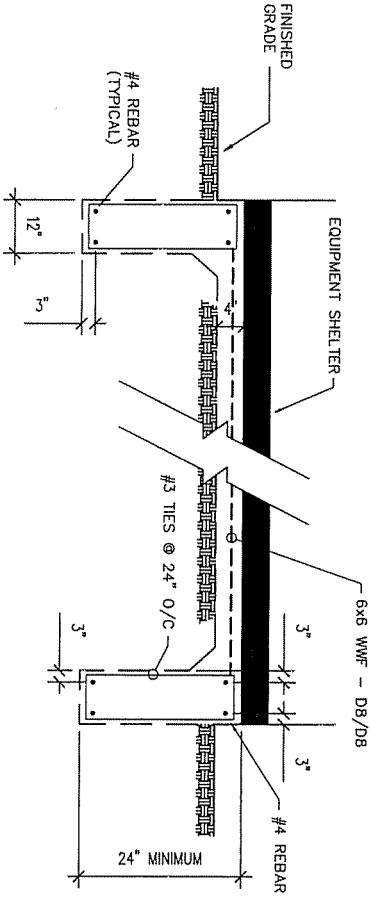
NO.	DATE	REVISION



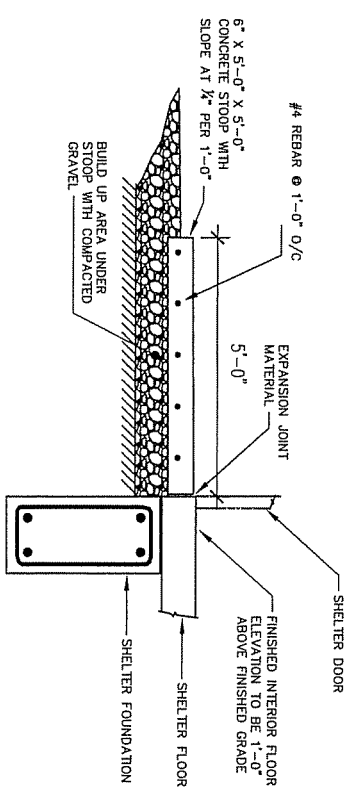
**FOUNDATION DETAIL**  
NO SCALE



**FOUNDATION DETAIL**  
NO SCALE



**SHELTER FOUNDATION PLAN**  
NO SCALE



**CONCRETE STOOP DETAIL**  
NO SCALE

DRAWN BY: <b>R. BECKER</b> ISSUE DATE: 2-5-07 SCALE: LISTED	<b>BLUEGRASS CELLULAR, INC.</b> <b>STANDARD CELLULAR SITE</b> <b>MONROE NORTH</b> 2543 JOHN EATON RD. TOMPKINSVILLE, KY. 42167		NO. DATE REVISION _____ _____ _____	 6405 MERCURY DRIVE LOUISVILLE, KY 40291 (502) 299-8147 F+(502) 291-0355
	SHEET NUMBER <b>S-1</b>		_____ _____ _____	

# 0G1407

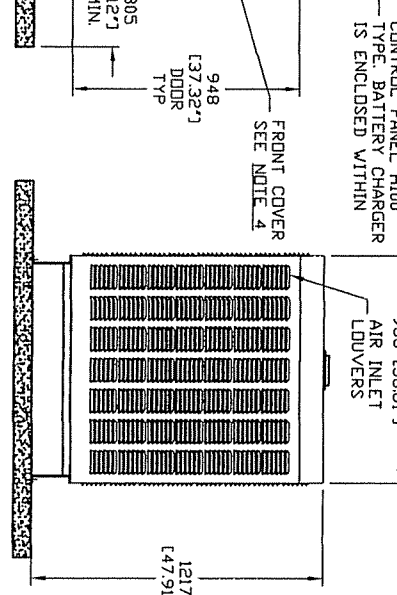
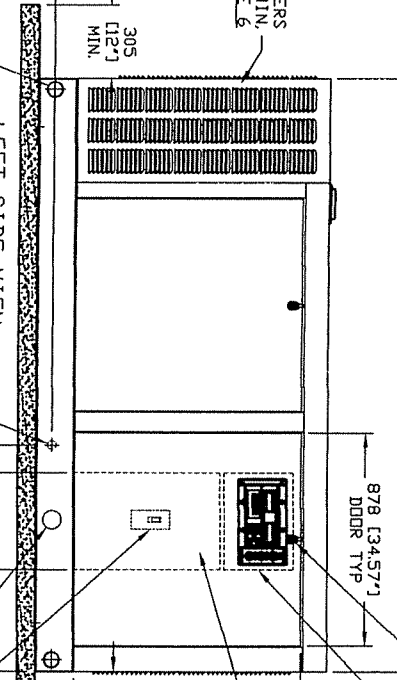
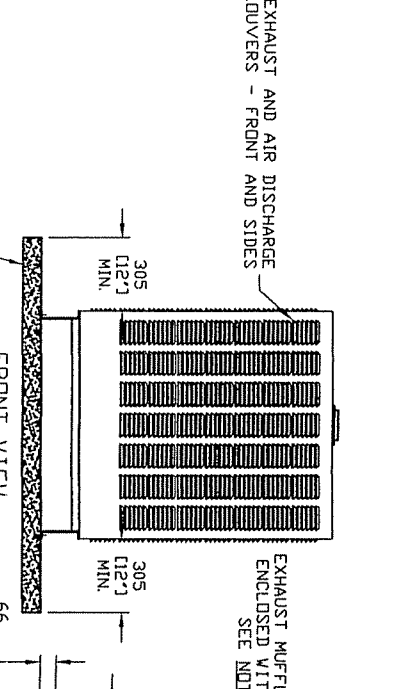
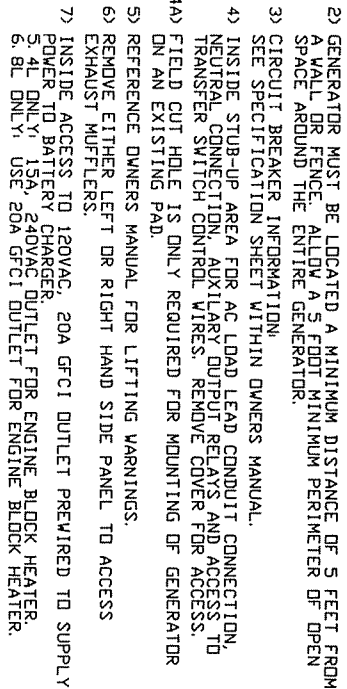
REMOVE COVER FOR ACCESS  
TO RADIATOR FILL CAP

- 1) MINIMUM RECOMMENDED CONCRETE PAD SIZE: 1545 (60.8') WIDE X 3061 (120.5') LONG.
- 2) GENERATOR MUST BE LOCATED A MINIMUM DISTANCE OF 5 FEET FROM A WALL OR FENCE, ALLOW A 5 FOOT MINIMUM PERIMETER OF OPEN SPACE AROUND THE ENTIRE GENERATOR.
- 3) CIRCUIT BREAKER INFORMATION: SEE SPECIFICATION SHEET WITHIN OWNERS MANUAL.
- 4) INSIDE STUB-UP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, AUXILIARY OUTPUT RELAYS AND ACCESS TO TRANSFER SWITCH CONTROL WIRES. REMOVE COVER FOR ACCESS.
- 4A) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.
- 5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
- 6) REMOVE EITHER LEFT OR RIGHT HAND SIDE PANEL TO ACCESS EXHAUST MUFFLERS.
- 7) INSIDE ACCESS TO 120VAC, 20A GFCI OUTLET PREWIRED TO SUPPLY POWER TO BATTERY CHARGER.
- 5.4L ONLY: 150', 240VAC OUTLET FOR ENGINE BLOCK HEATER.
- 6.8L ONLY: USE 20A GFCI OUTLET FOR ENGINE BLOCK HEATER.

SERVICE ITEM ACCESSIBILITY CHART

SERVICE ITEM	5.4L 45/55KW	6.8L 70KW
DIL FILL CAP	THRU RIGHT FRONT DOOR	THRU RIGHT FRONT DOOR
DIL DIP STICK	THRU LEFT FRONT DOOR	THRU LEFT FRONT DOOR
OIL FILTER	THRU LEFT FRONT DOOR	THRU LEFT FRONT DOOR
OIL DRAIN HOSE	THRU RIGHT FRONT DOOR	THRU RIGHT FRONT DOOR
RADIATOR DRAIN HOSE	THRU LEFT FRONT DOOR	THRU LEFT FRONT DOOR
AIR CLEANER ELEMENT	EITHER FRONT DOOR	EITHER FRONT DOOR
SPARK PLUGS	BOTH FRONT DOORS	BOTH FRONT DOORS
MUFFLERS	SEE NOTE 6	SEE NOTE 6
FAN BELT	EITHER FRONT DOOR	EITHER FRONT DOOR
BATTERY	THRU RIGHT REAR DOOR	THRU RIGHT REAR DOOR
AC OUTLET(S)	THRU RIGHT REAR DOOR	THRU RIGHT REAR DOOR

REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS



**WEIGHT DATA**

5.4L 45/55KW - 895KG (1973 LB)  
 6.8L 70KW - 991KG (2185 LB)  
 WOODEN SHIPPING SKIDS INCREASE  
 OVERALL WEIGHT 79KG (175LB)

**CONCRETE MOUNTING PAD**  
 SEE NOTE 1

**FRONT VIEW**  
 LIFTING PROVISION (4 PLACES)  
 SEE NOTE 5 AND  
 CENTER OF GRAVITY DIMENSIONS

**LEFT SIDE VIEW**  
 NATURAL GAS LINE CONNECTION  
 3/4" NPT FEMALE COUPLING  
 LOCATED ON OPPOSITE (RHD) SIDE

**REAR VIEW**  
 CONTROL PANEL H100  
 TYPE: BATTERY CHARGER  
 IS ENCLOSED WITHIN

**INSTALL DRAWING**  
 5.4L/6.8L IND C3

**GENSYAG POWER SYSTEMS**  
 Waukesha, WI 53187  
 P.O. BOX 8

GENSYAG POWER SYSTEMS  
 Waukesha, WI 53187  
 P.O. BOX 8

FILE NAME: 0G1407.DWG  
 SCALE: 1 = 20  
 DWG NO.: 0G1407

SIZE: B  
 REV: \*

# INSTALLATION DRAWING

**GENERAL NOTES:**

- 1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP DELIVERED TO SITE, ERECTION OF TOWER AND CRANE SET. ALL COSTS ENCUURED.
- 2) THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND REVIEWING EXISTING STRUCTURES OR UTILITIES THAT MIGHT INTERFERE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL AUTHORITIES NECESSARY FOR INSPECTIONS IF REQUIRED. PLEASE PROVIDE AHEAD OF TIME.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING. PLEASE PROVIDE AHEAD OF TIME.
- 5) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH FINAL TEST RESULTS ON ALL MATERIALS TESTING. IF ANY PROBLEMS ARE FOUND PRIOR TO FINAL RESULTS PLEASE NOTIFY THE OWNER IMMEDIATELY.
- 6) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJACENT PROPERTY AND REPAIRING OR REPLACING WHAT IS NECESSARY TO OWNERS APPROVAL.
- 7) THE CONTRACTOR IS TO VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION OF TOWER OR CRANE.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE TOWER AND CONTACTING PROPER AUTHORITY IF ANY LIGHTING PROBLEMS OCCUR. ALL FINAL LIGHTING TO BE ACQUIRED ON TOWER AND CONTACTING LOCAL AUTHORITIES WHEN TOWER HAS REACHED FINAL HEIGHT.
- 9) THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE WORK METHODS AND REGULATIONS.
- 10) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE AND PROVIDING SLOTT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY RUN OFF.
- 11) THE CONTRACTOR RESPONSIBLE FOR ANY SEED AND STRAW NECESSARY TO DAMAGED AREAS.
- 12) CONTRACTOR TO GRADE SMOOTH OR REPAIR ANY POT HOLES OR DRIPPING OR PROPERTY OR ROAD THAT HAS OCCURRED DURING CONSTRUCTION AT CONTRACTORS EXPENSE.

**NOTE:** UPON COMPLETION OF ALL CONSTRUCTION WORK, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A DISK FORMAT ONLY CONTAINING THE FOLLOWING INFORMATION:  
 • ASBUILT CONSTRUCTION DRAWINGS  
 • SWEEP TEST  
 • GROUND TEST USING BLUEGRASS FORM  
 • ELECTRICAL COMPLIANCE CERTIFICATE (LEGIBLE COPY)  
 • BUILDING PERMIT  
 • SITE PHOTOS (ALL SIZES) PREFERABLY ON DISK

**"BEFORE YOU DIG"**  
 THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE UTILITY PROTECTION CENTER, PHONE 502-251-7270, WHICH HAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THE UTILITY PROTECTION CENTER AND GROUNDING TRENCHES PROVIDE A WARNING TAP 12 INCHES BELOW GRADE.

**GRADING & EXCAVATING NOTES:**

- 1) ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, ROADS AND PARKING AREAS IS TO BE REPAIRED OR REPLACED TO OWNERS SATISFACTION.
- 2) PREPARATION FOR FILL: REMOVAL OF ALL WEEDS, STUMPES AND UNSATISFACTORY SOILS FROM SURFACE OF GROUND PRIOR TO FILLING, STRIPING, PLACING FILL OR BREAKING UP OF SLOPED SURFACES GREATER THAN 1 VERTICAL TO 4 HORIZONTAL. SO MATERIAL FOR FILL SHALL BE BOUND TO EXISTING SURFACE. WHEN REQUIRED, BREAK UP GROUND SURFACE TO LESS THAN 1 VERTICAL TO 4 HORIZONTAL. REQUIRED, AERATE, MOISTURE - CONDITION, OR PLUVERIZE SOIL AND RECOMPACT TO REQUIRED DENSITY.
- 3) BACK FILLING: EXCAVATED AREAS SHALL BE CLEANED FROM STONES OR CLDS OVER 6 INCHES DIAMETER. ALL EXCAVATED AREAS SHALL BE PLACED IN 6" LAYERS AND COMPACTED TO A 95% STANDARD PROCTOR. USE A 60% PROCTOR IN GRASSED / LANDSCAPED AREAS WHERE REQUIRED.
- 4) ALL MATERIAL FOR FILL TO BE APPROVED BY ENGINEER AND ALL COMPACTING TESTS TO BE COMPLETED TO SPECS. ALL COMPACTING RESULTS TO BE TURNED OVER TO OWNER.
- 5) AFTER COMPLETION OF BELOW GRADE EXCAVATING, ALL EXCAVATED AREAS SHALL BE REPAIRED TO ORIGINAL GRADE. ALL EXCAVATED AREAS SHALL BE REPAIRED TO ORIGINAL GRADE. ALL EXCESS GRADING SHALL BE REMOVED.
- 6) ANY EXCAVATING IN WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND EXCESS GRADING SHALL BE REMOVED.
- 7) IF SOUND SOIL IS NOT REACHED AT DESIGNATED EXCAVATION DEPTH, THE POOR SOIL IS TO BE EXCAVATED TO ITS FULL DEPTH AND EITHER REPLACED WITH EXCAVATION TO BE FILLED WITH GRANULAR MATERIAL OR THE EXCAVATION TO BE FILLED WITH CONCRETE. ALL EXCAVATIONS SHALL BE APPROVED BY THE CONTRACT OWNER & ENGINEER FOR RECOMMENDATIONS.
- 8) MECHANICALLY COMPACTED GRANULAR MATERIAL OR FOUNDATION OF THE SAME QUALITY SPECIFIED FOR THE BOTTOM OF THE EXCAVATION. FOR STABILIZATION, THE BOTTOM OF THE EXCAVATION, CRUSHED STONE MAY BE USED. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS. PLEASE CONTACT ENGINEER FOR RECOMMENDATIONS.

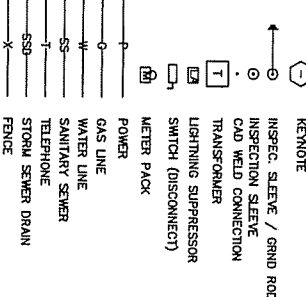
**NOTE:** GENERAL CONTRACTOR MUST HAVE A PHASE 2 LABORERS ON SITE DURING ANY SAFETY PRECAUTIONS.

**NOTE:** THIS SCOPE OF WORK IS A BASIC OUTLINE FOR THE GENERAL CONTRACTOR TO FOLLOW AND DOES NOT EXCLUDE OTHER DUTIES TO BE COMPLETED. THE GENERAL CONTRACTORS RESPONSIBILITIES TO COMPLETE THE CELLULAR FOUNDATIONS SPECIFICATIONS SEE R39 SPECIFICATIONS MANUAL. BE READ PRIOR TO CONSTRUCTION. SEE R39 DESIGN IF SPECIFICATIONS MANUAL IS NEEDED. 502-589-9427

- INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.
- INSTALL DETECTOR AND GROUND FIELD FOR COMPOUND.
- EXCAVATION TO COMPOUND TO INCLUDE WEED CONTROL, MAT, (GROUMED FOUNDATION)
- GC WILL BE RESPONSIBLE FOR ALL CRANE OPERATIONS IN ORDER TO SET FERBEROD BUILDING, COORDINATE BUILDING DELIVERY DATE THROUGH BLUEGRASS CELLULAR.
- GC WILL BE RESPONSIBLE FOR REPAIR OF ALL AREAS DISTURBED DURING CONSTRUCTION. (EXCAVATING ISSUES)
- GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOWER WHEN APPLICABLE.
- GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.
- GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRIDGE AND HOOK-UP.
- GC WILL BE RESPONSIBLE FOR CLEANING THE INSIDE OF BUILDING BEFORE THE SITE IS TURNED OVER TO THE OPERATIONS DEPARTMENT. THIS WILL INCLUDE SUPPLYING A 30 GALLON TRASHCAN, 30 GALLON TRASH BAGS, BROOM, DUST PAN AND DOORMAT FOR BUILDING.
- GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE AND PAYING NECESSARY FEES REQUIRED.
- ALL WAREHOUSE MATERIAL (LINES, ANTENNAS, MOUNTING HARDWARE, GENERATOR, TOWER FOUNDATION KIT, ETC.) WILL NEED TO BE PICKED UP BY GC.
- ALL ALARMS WILL NEED TO BE HOOKED UP BY GC. THIS IS TO INCLUDE GENERATOR ALARM AND TOWER LIGHT ALARM. (TO BLUEGRASS CELLULAR INC. ALARM BLOCK)
- GC WILL BE RESPONSIBLE FOR SCHEDULING GENERATOR START-UP WITH CONTACT SCOTT ANDERSON (EVA-PAR) 502-267-9315
- TI CONDUIT WILL NEED TO BE PLACED FROM POLE TO BUILDING. (IF A MICRONE DUST IS USED, THE TI CONDUIT WILL STILL BE INSTALLED FOR FUTURE USE.)
- GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL FENCING.
- ALL TRASH AND DEBRIS TO BE REMOVED BY GC
- GC TO SEPERATE ALL MATERIALS & LABOR IN BIL.
- CONTRACTOR TO BREAK DOWN BIDS USING THE FOLLOWING LINE ITEMS:

- ROAD
- FENCE
- COMPOUND DEVELOPMENT
- BUILDING, PROPANE, AND GENERATOR FOUNDATIONS
- GROUNDING
- TELCO
- ELECTRIC
- BUILDING SET
- TOWER FOUNDATION
- TOWER ERECTION
- LINE INSTALL
- ANTENNA INSTALL
- PERMITS

**SYMBOLS LEGEND**



NO.	DATE	REVISION

**BLUEGRASS CELLULAR, INC.**  
**STANDARD CELLULAR SITE**  
**MONROE NORTH**  
 2543 JOHN EATON RD, TOMPKINSVILLE, KY, 42167

DRAWN BY: R. BECKER  
 ISSUE DATE: 2-5-07  
 SCALE: LISTED

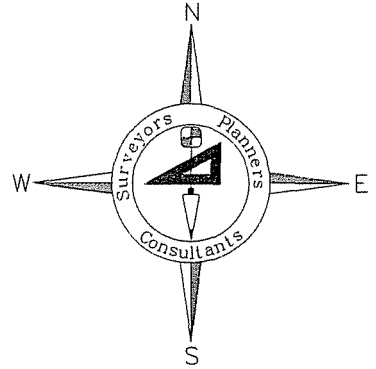
**General Notes**



# Landmark Surveying Co., Inc.

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Darren L. Helms, R.L.S., PRESIDENT  
Dennis N. Helms, R.L.S., VICE PRESIDENT



15 N.E. 3rd Street  
Washington, Indiana 47501  
Phone: 812-257-0950  
Fax: 812-257-0953  
E-mail: landmark@dmrtc.net

## Directions to the Site From the County Seat of Monroe County, Kentucky

**Monroe North Site**  
**Monroe County, Kentucky**

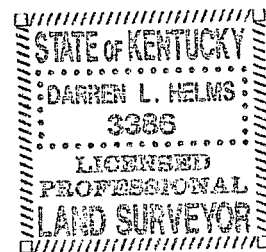
From the Monroe County Courthouse in downtown Tompkinsville, Kentucky: travel north on Kentucky Highway 163 for 6.5 miles to John Eaton Road and Kentucky Highway 1049; turn left onto John Eaton Road and travel west for 100 feet to the site on the right or north side of the road in a pasture.

*Darren L. Helms*

Darren L. Helms, Kentucky Professional Land Surveyor No. 3386

*DEC. 22, 2006*

Date



**OPTION TO LEASE AND LEASE AGREEMENT**

**I.**

**OPTION TO LEASE REAL PROPERTY**

**THIS OPTION TO LEASE REAL PROPERTY** (the "Option Agreement") is made and entered into this 7 day of July, 2006, by and between **Benny F. Wood and Janice M. Wood, husband and wife** whose address is **2491 John Eaton Road, Tompkinsville, KY 42167** (the "Optionor (s)" and **Cumberland Cellular Partnership, d/b/a Bluegrass Cellular, a Kentucky general partnership** with principal office and place of business at **2902 Ring Road, Elizabethtown, KY 42701** (the "Optionee").

**WITNESSETH:**

**WHEREAS**, the Optionor(s) is the owner of certain real property located in **Monroe** County, **Kentucky** as more particularly described on Exhibit A attached hereto and incorporated herein by reference (the "Property"); and

**WHEREAS**, the Optionor(s) wishes to grant to the Optionee, and the Optionee wishes to obtain from the Optionor(s), an option to lease the Property upon the terms and conditions set forth herein;

**NOW, THEREFORE**, in consideration of the foregoing premises and for other good and valuable consideration, the mutuality, receipt and sufficiency of which are hereby acknowledged, the parties hereto do agree as follows.

1. In consideration of **One Thousand Eight Hundred Dollars and Zero Cents (\$1,800.00)** paid by the Optionee to the Optionor(s) (the "Option Consideration"), the receipt of which is hereby acknowledged by the Optionor(s), the Optionor(s) hereby grants to the Optionee an exclusive and irrevocable option to lease the Property (the "Option"), upon the terms and conditions hereinafter set forth, upon the exercise of the Option at any time before 4:00 p.m. prevailing time on 1-7-08, (the "Option Period") as set forth in Paragraph 5 thereof.
2. The parties hereto anticipate that the Property comprises approximately a **One Hundred Foot by One Hundred Foot** area, and that a right of way will be given by the Optionor(s) for the purposes of ingress and egress throughout the term of the lease. The Optionee shall obtain an accurate survey of the Property by a registered land surveyor licensed in the Commonwealth of Kentucky at the sole expense of the Optionee. A copy of the survey shall be provided to the Optionor(s). The description of the Property shall include the number of acres determined by the surveyor. The Optionee shall obtain said survey within a reasonable time following the date of the Option Agreement.
3. During the term of the Option, the Optionee may enter onto the Property at its own risk to obtain soil samples and to bore soil for the purposes of determining the suitability of the Property for a communications tower.
4. Upon the Optionee's proper exercise of the Option in accordance with Paragraph 5 hereof, the Optionor(s) shall be deemed to have immediately executed, acknowledged and delivered to the Optionee the Lease Agreement contained in Section II hereof. The description of the Property shall be that determined by the registered land surveyor in accordance with Paragraph 2 hereof.

5. If the Optionee elects to exercise the Option in accordance with the terms hereof, notice of such election shall be deemed sufficient if personally delivered or sent by registered or certified mail, return receipt requested, to the address of the Optionor(s) set forth in Paragraph 14 hereof.
6. The Optionor(s) agrees not to sell, lease or offer for sale or lease the Property during the term of this Option or any renewal or extension of the Option.
7. In the event the Optionee fails to exercise the Option as set forth herein (unless such failure is due to the discovery of a defect in the Property or other matter unsatisfactory to the Optionee), the Optionor(s) shall have the right to retain the Option Contract.
8. The Optionee may assign this Option with written consent of the Optionor(s), which consent shall not be unreasonably withheld, and upon any assignment such assignee shall have all the rights, remedies and obligations as if it were the original Optionee hereunder. From and after any such assignment, the term "Optionee" shall refer to such assignee.
9. Each party hereto shall bear any and all of its own expenses in connection with the negotiation, execution or settlement of this Option.
10. Risk of loss with respect to the Property during the term of this Option and during the term of the lease shall be upon the Optionor(s). If, during the term of the Option, any portion of the Property shall be acquired by public authority under the right or threat of eminent domain, the Optionee may, at its sole option, either (i) exercise the



Option, and in such event, all sums received from the public authority by the Optionor(s) by reason of the taking of a portion of the Property shall reduce the rent due under the lease, or (ii) terminate this Option and thereupon the Optionor(s) shall be obligated to return to the Optionee the full amount of the Option Consideration previously paid to the Optionor(s) in "good and collected funds."

11. The parties hereto represent to each other that neither has engaged any broker to represent their interests in connection with the transactions contemplated hereby, and each agrees to indemnify the other against any and all claims made by any brokers engaged or purported to be engaged by the other for brokerage commissions or fees in connection with the transactions contemplated hereby.
12. The Optionor(s) represents, warrants and covenants to the Optionee that the Optionor(s) has not caused or permitted, and shall not cause or permit, and to the best of Optionor(s)' knowledge no other person has caused or permitted any hazardous material (as defined by any applicable federal, state or local law, rule or regulation) to be brought upon, placed, held, located or disposed of at the Property. In the event any such contamination occurs for which the Optionee becomes legally liable, the Optionor(s) shall indemnify the Optionee against all claims, damages, judgments, penalties and costs and expenses, including reasonable attorneys' fees, which Optionee may incur.
13. This Option Agreement and the rights and obligations of the parties hereto shall be construed in accordance with the laws of the Commonwealth of Kentucky.

Site Name: Monroe North

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: 2491 John Eaton Road, Tompkinsville, KY 42167; the Optionee's address shall be: 2902 Ring Road, Elizabethtown, KY 42701.
15. The Optionee shall have the right, in its sole discretion, to record this Option in the Office of the Clerk of the County Court of Monroe County, Kentucky.

## II.

### LEASE AGREEMENT

16. In the event the Optionee elects to exercise the Option to lease the Property, the terms of the Lease Agreement ("Lease Agreement" or "Lease") shall become immediately effective upon such exercise and shall be as follows.
  1. The term of the Lease shall commence on the date that the Optionor(s) receives proper notice that the Optionee has exercised the Option, pursuant to Paragraph 5 therein. The initial term shall expire five (5) year(s) from the commencement date of the Lease Agreement and shall include three (3) additional five (5)-year terms per the Lease Agreement. Optionee may, by providing written notice at least sixty (60) days prior to the expiration of the original or any renewal Lease term, elect to unilaterally terminate this Lease at the end of any original or renewal Lease term. Such notice must be personally delivered or sent via registered or certified mail, return receipt requested, to the address of the Optioner(s) set forth in Paragraph 14 hereof. The Lease amount shall be adjusted at the end of each term by an increase of 12%.

Site Name: Monroe North

2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of **Four Thousand Eight Hundred Dollars and Zero Cents (\$4,800.00)** yearly, to be paid in advance. All rent payments shall be personally delivered or mailed to the Optionor(s) at the address set forth in Paragraph 14 hereof. Any check payment of the rent due under the Lease shall be payable to the order of Optionor(s).
3. The Optionee shall be entitled to use and occupy the Property for the purpose of erecting, maintaining and operating a communications tower and communications facilities thereon and for all such other uses as Optionee may, in its sole discretion, deem necessary in connection therewith.
4. The Optionor(s) shall be responsible for the payment of all real estate taxes which shall be assessed against the Property during the term of the lease. The Optionee shall pay all charges for heat, water, gas, electricity, sewer use charges and any other utility used or consumed on the Property. The Optionee shall, at its own cost and expense, maintain and keep in full force and effect during the term of the lease public liability insurance with coverage in the amount of at least one million dollars (\$1,000,000.00) per person for bodily injury, disease, or death and shall maintain property insurance on any property the Optionee located on the Property.
5. The Optionee may assign the lease. The Optionee may sublet all or part of the space on the tower or ground space.
6. The Optionor(s) covenants that upon the Optionee's payment of the rent agreed upon herein, as well as Optionee's observing and performing all of the

Site Name: Monroe North

covenants and conditions contained in the Lease, the Optionee may peacefully and quietly enjoy the Property subject to the terms and conditions set forth in the Lease.

7. The Optionee agrees to maintain an access road in a passable manner for the term of the lease.
8. Licensee's Payment of Taxes, Fees and Assessments. Optionee shall pay directly to the applicable federal, state or local governmental unit or agency ("Governmental Entity") or to Optionor if Optionor is invoiced by such Governmental Entity, all taxes, fees, assessments or other charges assessed by any Governmental Entity directly against Optionee's Equipment and/or Optionee's use of the Facility. Optionee shall also pay to Optionor Optionee's Pro Rata Share of all taxes, fees, assessments or charges including, but not limited to, personal property taxes attributable to Optionee's equipment and antenna(s), municipal franchise fees, use fees, municipal application fees, installation fees and increases thereof. "Pro Rata Share" shall mean the fraction of decimal equivalent of dividing one (1) by the total number of then existing users occupying a tower on the last day of the applicable calendar year.
17. This Option and Lease Agreement contains the entire agreement between the parties hereto and no modification or amendment shall be binding upon any party unless made in writing and signed by each of the parties hereto.

Site Name: Monroe North

18. Upon the termination or other end of this Lease Agreement, Optionee shall have the right to remove any and all of its property (real or personal) from the Property regardless of whether or not such property may be considered a fixture thereto.
19. Upon abandonment of the property, Optionee shall have thirty (30) days to dismantle and remove the cellular antenna tower and any/all equipment located on Optionor's property.

[Remainder of Page Intentionally Left Blank]

Site Name: Monroe North

**EXECUTION OF AGREEMENT(S)**

IN WITNESS WHEREOF, the parties hereto have set their hands and affixed their respective seals.

Janice M. Wood

Date: 7-7-06

Benny Wood

Date: 7-7-06

Ron Smith

Date: 7-17-06

("Optionor(s)")

By: Benny F. Wood and Janice M. Wood  
Property Owner(s)

("Optionee")

By: Ron Smith  
Authorized Representative

STATE OF KENTUCKY  
COUNTY OF Monroe

The foregoing instrument was acknowledged before me this 7 day of July, 2006,  
by Janice Wood to be his/her free act and deed.

Linda J. Page

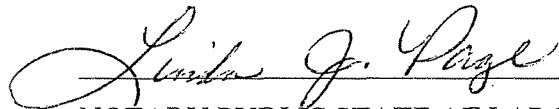
NOTARY PUBLIC STATE AT LARGE

My commission expires: July 10 2006

STATE OF KENTUCKY

COUNTY OF Monroe

The foregoing instrument was acknowledged before me this 7 day of July, 2006,  
by Benny Wood to be his/her free act and deed.



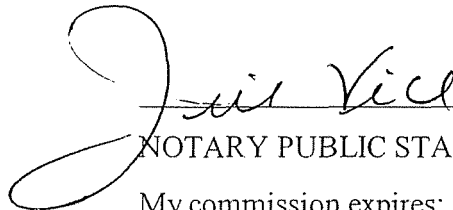
NOTARY PUBLIC STATE AT LARGE

My commission expires: July 10 2006

STATE OF Kentucky

COUNTY OF Hardin

The foregoing instrument was acknowledged before me this 17 day of July,  
2006, by Ron Smith, to be his free act and deed.



NOTARY PUBLIC STATE OF LARGE

My commission expires: 1-21-09

This instrument prepared by:



John E. Selent

**DINSMORE & SHOHL LLP**

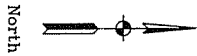
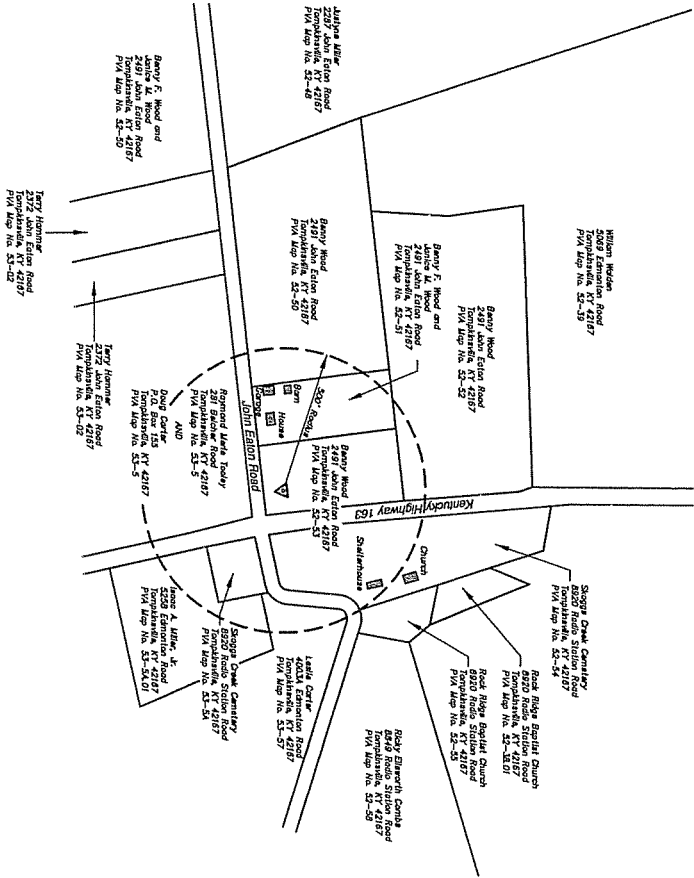
1400 PNC Plaza / 500 West Jefferson Street

Louisville, KY 40202

(502) 540-2300

**Site: Monroe North**  
**Monroe County, Kentucky**

**500-Foot Radius Map for Structures and Landowners**



North



Notes

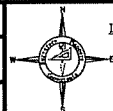
The location of the boundaries shown are approximate, and they are based upon the aerial photography on file in the office of the Property Valuation Administrator of Monroe County, Kentucky.

**Surveyor's Certification**

I hereby certify that the hereunto shown is correct to the best of my knowledge, and it is in accordance with the records filed in the office of the Property Valuation Administrator of Monroe County, Kentucky on December 14, 2006.

*Barbara A. Helms*  
 BARBARA A. HELMS  
 DEC 22, 2006

STATE OF KENTUCKY  
 LAND SURVEYOR  
 3386  
 DARRIN L. HELMS



Landmark Surveying Co., Inc.  
 15 N.E. 3rd Street  
 Washington, Indiana 47501  
 (812) 257-0850  
 Desk: landmarts@msurvey.com  
 Project No. 06-10-0220

**500-Foot Radius Map**  
 2543 John Eaton Road  
 Tompkinsville, Kentucky 42167

**Bluegrass Cellular**  
 2902 Ring Road  
 Elizabethtown, Kentucky 42702

DATE	12-22-06
DRAWN BY	A. Winkler
CHECKED BY	D.L. Helms
REVISIONS	DATE
SHEET NO. 1	
OF 1 SHEETS	
FILE NO.	
monroe north.mcd	



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

**In the Matter of:**

**APPLICATION OF CUMBERLAND CELLULAR  
PARTNERSHIP FOR ISSUANCE OF A CERTIFICATE  
OF PUBLIC CONVENIENCE AND NECESSITY TO  
CONSTRUCT A CELL SITE (MONROE NORTH) IN RURAL  
SERVICE AREA #5 (MONROE) OF THE  
COMMONWEALTH OF KENTUCKY**

**CASE NO. 2007-00041**

**AFFIDAVIT OF JOHN E. SELENT**

I, John E. Selent, being duly sworn, depose and state as follows:

1. My name is John E. Selent and I am a member of the Kentucky Bar Association.

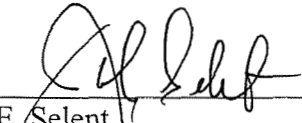
I am legal counsel to Cumberland Cellular Partnership and am submitting this affidavit in conjunction with the above referenced matter.

2. In order to demonstrate compliance with 807 KAR 5:063 §1(1)(l), Exhibit 1 identifies, with the exception of the individual identified in paragraph 4, the names of the residents/tenants and property owners within 500 feet of the proposed tower who have been: (i) notified by written notice of the proposed construction, sufficient postage prepaid, by United States Certified Mail, return receipt requested; (ii) given the Commission docket number under which the application will be processed; and (iii) informed of the right to request intervention.

3. Attached as Exhibit 2 is a copy of the United States Certified Mail return receipts that demonstrate proof of service of the written notice of the proposed construction upon (all of whom have street addresses): (1) William Walden; (2) Justyne Miller; (3) Terry Hammer; (4) Raymond Tooley; (5) Isaac Miller; (6) Skaggs Creek Cemetery; (7) Leslie Carter; (8) Rock Ridge Baptist Church; (9) Benny Wood; (10) Benny and Janice Wood; and (11) Ricky Ellsworth. (See Exhibit 1.)

4. Attached as Exhibit 3 is a copy of the United States Express Mail return receipt that demonstrates proof of service of the written notice of the proposed construction upon (who has a P.O. Box address, and not a street address): (1) Doug Carter. (See Exhibit 1.) The address for Doug Carter is a P.O. Box and therefore cannot be served by United States Certified Mail in compliance with 807 KAR 5:063 § 1(l) and (m).

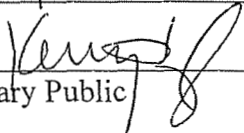
Further Affiant saith not.

  
\_\_\_\_\_  
John E. Selent

COMMONWEALTH OF KENTUCKY )  
  )SS:  
COUNTY OF JEFFERSON      )

SUBSCRIBED AND SWORN to before me this 21<sup>th</sup> day of February, 2007.

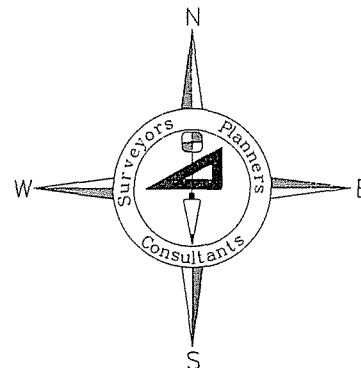
My commission expires: 11/20/07

  
\_\_\_\_\_  
Notary Public

# Landmark Surveying Co., Inc.

---

Darren L. Helms, R.L.S., PRESIDENT  
Dennis N. Helms, R.L.S., VICE PRESIDENT



15 N.E. 3rd Street  
Washington, Indiana 47501  
Phone: 812-257-0950  
Fax: 812-257-0953  
E-mail: landmark@dmrtc.net

## Landowner and Adjacent Landowner List

Bluegrass Cellular  
Monroe North Site  
Monroe County, Kentucky

William Walden  
5069 Edmonton Road  
Tompkinsville, KY 42167

Doug Carter  
P.O. Box 155  
Tompkinsville, KY 42167

Rock Ridge Baptist Church  
8920 Radio Station Road  
Tompkinsville, KY 42167

Justyne Miller  
2287 John Eaton Road  
Tompkinsville, KY 42167

Isaac A. Miller, Jr.  
5258 Edmonton Road  
Tompkinsville, KY 42167

Benny Wood  
2491 John Eaton Road  
Tompkinsville, KY 42167

Terry Hammer  
2372 John Eaton Road  
Tompkinsville, KY 42167

Skaggs Creek Cemetery  
8920 Radio Station Road  
Tompkinsville, KY 42167

Benny F. Wood and  
Janice M. Wood  
2491 John Eaton Road  
Tompkinsville, KY 42167

Raymond Merle Tooley  
281 Belcher Road  
Tompkinsville, KY 42167

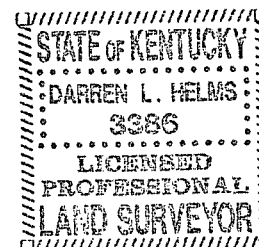
Leslie Carter  
4003A Edmonton Road  
Tompkinsville, KY 42167

Ricky Ellsworth Combs  
8849 Radio Station Road  
Tompkinsville, KY 42167

*Darren L. Helms*

Darren L. Helms, Kentucky Professional Land Surveyor No. 3386

DEC. 22, 2006  
Date



January 31, 2007

Benny F. Wood and Janice M. Wood  
2491 John Eaton Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 2543 John Eaton Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

**The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:**

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

**Please refer to case number 2007-00041 in your correspondence.**

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at [www.myblueworks.com](http://www.myblueworks.com))

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>	<p>A. Signature <input checked="" type="checkbox"/> <i>Janice Wood</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input checked="" type="checkbox"/> Restricted Delivery <i>Janice Wood</i> <i>02/02/07</i></p>
<p>1. Article Addressed to: <i>Benny F. Wood &amp; Janice M. Wood 2491 John Eaton Road Tompkinsville, KY 42167</i></p>	<p>D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7006 2760 0002 2334 5522</i></p>

January 31, 2007

Benny Wood  
2491 John Eaton Road  
Tompkinsville, KY 42167

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<p>1. Article Addressed to:</p> <p><i>Benny Wood 2491 John Eaton Rd. Tompkinsville, KY 42167</i></p>	<p>D. Is delivery address different from item 1?      <input type="checkbox"/> Yes  If YES, enter delivery address below:      <input type="checkbox"/> No</p> <p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail      <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered      <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail      <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number  (Transfer from service label)</p>	<p>4. Restricted Delivery? (Extra Fee)      <input type="checkbox"/> Yes</p> <p style="text-align: center;"><b>7006 2760 0002 2334 5539</b></p>

February 12, 2007

William Walden  
5069 Edmonton Road  
Tompkinsville, KY 42167

## Public Notice

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

**Please refer to case number 2007-00041 in your correspondence.**

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<p>1. Article Addressed to:</p> <p><i>William Walden 5069 Edmonton Road Tompkinsville, KY 42167</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7006 2760 0002 2334 5621</i></p>

January 31, 2007

Justyne Miller  
2287 John Eaton Road  
Tompkinsville, KY 42167

## Public Notice

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Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, Kentucky, 40602.**

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<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</li> <li><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span></p> <p><input checked="" type="checkbox"/> <i>Joyce on - m... Joyce Miller</i></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span></p> <p><i>Joyce Miller</i> <span style="float: right;"><i>2-6-07</i></span></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><i>Justyne Miller 2287 John Eaton Rd. Tompkinsville, KY 42167</i></p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input checked="" type="checkbox"/> Insured Mail <input checked="" type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7006 2760 0002 2334 5614</i></p>
<p>PS Form 3811, February 2004</p>	<p>Domestic Return Receipt <span style="float: right;">102595-02-M-1540</span></p>

January 31, 2007

Terry Hammer  
2372 John Eaton Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 2543 John Eaton Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

**The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:**

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

**Please refer to case number 2007-00041 in your correspondence.**

Bluegrass Cellular welcomes the opportunity to serve and provide wireless service in your community! (For more information, please check us out online at [www.myblueworks.com](http://www.myblueworks.com))

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<p>1. Article Addressed to:</p> <p><i>Terry Hammer 2372 John Eaton Rd. Tompkinsville, KY 42167</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7006 2760 0002 2334 5607</i></p>



January 31, 2007

Raymond Merle Tooley  
281 Belcher Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

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Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, Kentucky, 40602.**

**Please refer to case number 2007-00041 in your correspondence.**

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<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <span style="float: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</span>  <i>Raymond M Tooley</i></p> <p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span>  <i>Raymond M Tooley</i> <span style="float: right;"><i>2-2-07</i></span></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><i>Raymond Merle Tooley 281 Belcher Road Tompkinsville, KY 42167</i></p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7006 2760 0002 2334 5591</i></p>

January 31, 2007

Isaac A. Miller, Jr.  
5258 Edmonton Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

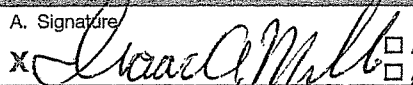
Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 2543 John Eaton Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

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Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, Kentucky, 40602.**

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1. Article Addressed to:  Isaac A. Miller, Jr. 5258 Edmonton Rd. Tompkinsville, KY 42167	B. Received by (Printed Name) ISAAC A. MILLER, JR. C. Date of Delivery 02/07/07
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7006 2760 0002 2334 5577

January 31, 2007

Skaggs Creek Cemetery  
8920 Radio Station Road  
Tompkinsville, KY 42167

## Public Notice

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

**Please refer to case number 2007-00041 in your correspondence.**

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1. Article Addressed to:  <i>Skaggs Creek Cemetery 8920 Radio Station Rd. Tompkinsville, KY 42167</i>	B. Received by (Printed Name) <i>Thelma Emmert</i> C. Date of Delivery <i>02/02/07</i>
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No  3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7006 2760 0002 2334 5560

January 31, 2007

Leslie Carter  
4003A Edmonton Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

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Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, Kentucky, 40602.

Please refer to case number 2007-00041 in your correspondence.

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<p>1. Article Addressed to:</p> <p><i>Leslie Carter 4003A Edmonton Rd. Tompkinsville, KY 42167</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) <u>7006 2760 0002 2334 5553</u></p>	

January 31, 2007

Rock Ridge Baptist Church  
8920 Radio Station Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

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The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:

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

Please refer to case number 2007-00041 in your correspondence.

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<p>1. Article Addressed to:</p> <p><i>Rock Ridge Baptist Church 8920 Radio Station Rd. Tompkinsville, KY 42167</i></p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><b>7006 2760 0002 2334 5546</b></p>

January 31, 2007

Ricky Ellsworth Combs  
8849 Radio Station Road  
Tompkinsville, KY 42167

## Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 2543 John Eaton Road, Tompkinsville, Kentucky, 42167. A map showing the location is attached.

**The Commission invites your comments regarding this proposed construction. Also, the Commission wants you to be aware of your right to intervene in this matter. Your comments and request for intervention should be addressed to:**

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Public Service Commission of Kentucky  
P.O. Box 615  
Frankfort, Kentucky, 40602.**

**Please refer to case number 2007-00041 in your correspondence.**

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1. Article Addressed to:  <i>Ricky Ellsworth Combs 8849 Radio Station Rd. Tompkinsville, KY 42167</i>	B. Received by (Printed Name) <input checked="" type="checkbox"/> Restricted Delivery <i>RICKY E COMBS</i> C. Date of Delivery <i>01/24/07</i>
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No  3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7005 2570 0001 5985 5867

January 31, 2007

Doug Carter  
P.O. Box 155  
Tompkinsville, KY 42167

## **Public Notice**

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P.O. Box 615  
Frankfort, Kentucky, 40602.**

**Please refer to case number 2007-00041 in your correspondence.**

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## Track & Confirm

### Search Results

Label/Receipt Number: **ER28 3588 928U S**  
Status: **Delivered**

Your item was delivered at 9:37 AM on February 5, 2007 in TOMPKINSVILLE, KY 42167. The item was signed for by D CARTER.

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## Track & Confirm

### Search Results

Label/Receipt Number: ER28 3588 928U S

Detailed Results:

- Delivered, February 05, 2007, 9:37 am, TOMPKINSVILLE, KY 42167
- Notice Left, February 02, 2007, 10:21 am, TOMPKINSVILLE, KY 42167
- Notice Left, February 01, 2007, 7:57 am, TOMPKINSVILLE, KY 42167
- Arrival at Unit, February 01, 2007, 7:56 am, TOMPKINSVILLE, KY 42167
- Enroute, February 01, 2007, 1:02 am, BOWLING GREEN, KY 42104
- Enroute, January 31, 2007, 7:43 pm, LOUISVILLE, KY 40231
- Acceptance, January 31, 2007, 3:46 pm, LOUISVILLE, KY 40270

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**Dinsmore & Shohl** LLP

ATTORNEYS  
Kerry W. Ingle  
502-540-2354  
kerry.ingle@dinslaw.com

January 31, 2007

*Via Certified Mail*

Monroe County Judge Executive  
200 N. Main St. Suite C  
P.O. Box 305  
Tompkinsville, KY 42167-0305

RE: Public Notice - Public Service Commission of Kentucky  
Case No. 2007-00041

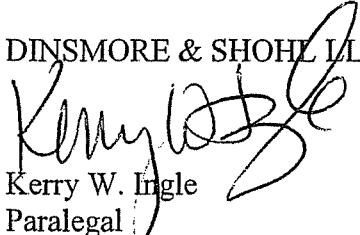
Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky (the Commission") for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #5 in Cumberland County. The facility will include a 240 ft. tower and an equipment shelter to be located at 2543 John Eaton Road, Tompkinsville, Kentucky, 42167. A map showing the location of the proposed new facility is enclosed.

The Commission invites your comments regarding the proposed construction. You also have the right to intervene in this matter.

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to case number 2007-00041 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP

  
Kerry W. Ingle  
Paralegal

enclosure

kwi

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p><input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p><input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.</p> <p><input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature  <input checked="" type="checkbox"/> <i>Sheela Sheffield</i> <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Sheela Sheffield</i> C. Date of Delivery <i>2-2-07</i></p>
<p>1. Article Addressed to:</p> <p><i>Morgan County Judge Executive</i>  <i>200 N. Main Street Suite C</i>  <i>Tompkinsville Ky</i>  <i>42167-0305</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No  If YES, enter delivery address below:</p> <p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number  (Transfer from service label)</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p> <p><b>7005 1160 0000 2923 4457</b></p>

# **PUBLIC NOTICE**

Cumberland Cellular Partnership  
proposes to  
construct a cellular  
communications

# **TOWER**

near this site. If you have any  
questions please contact:

Cumberland Cellular  
Partnership  
P.O. Box 5917  
2802 West Blvd  
CUMBERLAND, NY 14701

Executive Director,  
The Public Service Commission  
301 Grand Street  
P.O. Box 602  
PRINCETON, NJ 08542

Please refer to P.S.C.

**Case #2807-00041**

in your correspondence.

WATER VALVE  
BELOW

# **PUBLIC NOTICE**

**Cumberland Cellular Partnership  
proposes to  
construct a cellular  
communications**

# **TOWER**

**on this site. If you have any  
questions please contact:**

**Cumberland Cellular Partnership  
PO Box 5410  
28020 Hwy 604  
Pinebluff, NC 28134**

**Cellular Developer  
The Public Service Commission  
2000000000  
PO Box 6103  
Fayetteville, NC 28402**

**Please refer to P.S.C.**

**Case #2007-00041**


**in your correspondence.**

  
**Tompkinsville News**

**Certificate of Publication**

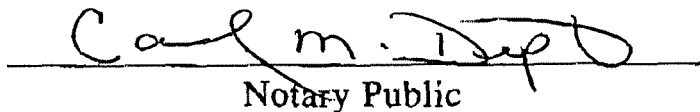


I, **Blanche B. Trimble**, Publisher of the **Tompkinsville News**, a weekly newspaper published and printed at **Tompkinsville, Monroe County, Kentucky**, do hereby certify that the attached advertisement was published in the said newspaper, appearing in the issues of FEB 8, 2007 + FEB, 15, 2007

  
 Signature

Publisher  
 \_\_\_\_\_  
 Title

Subscribed and sworn to before me this 28<sup>th</sup> day of FEB  
2007. My Commission expires 3-31, 2009

  
 Notary Public

the time of sale and the balance in interest of thirty (30) days at the rate of 12% per

chaser shall be required to assume and pay property taxes assessed for the fiscal year and subsequent years;

chaser shall be required to execute a bond with sufficient sureties thereon which shall be force and effect of a judgment in order to the payment of the balance of the purchase and said bond shall constitute a lien on said my until paid;

rchaser or purchasers shall have the privilege paying all or any part of the purchase price /ing said bond or bonds before maturity by g the balance of the principal together with all ed interest thereon;

default of said deposit or posting of bond, by rchaser, the Commissioner shall immediately the property upon the same terms and cons set out herein;

erein above described real property shall be free and clear of the claims and interest of all as herein and of all liens and encumbrances ord thereon which were filed before the Lis lens herein, except restrictions and easements arling of record in the Monroe County Court 's Office.

**CLARIS:**

al property taxes assessed property is indivisible and cannot be divided materially impairing its value.

erty should be sold free and clear of all liens, rances and interest of the parties hereto ex- id subject to: (a) All unpaid real estate taxes g the real estate for which the purchasers shall credit on the purchase price; (b) Easements, ns and stipulations of record effecting the prop- Any matters disclosed by an accurate survey ction of the property; (d) Any assessment for mprovements levied against the property. the Commissioner nor the Court shall be d to have warranted title of said real estate to chaser.

state, county, school and other property taxes ax year 2007 and subsequent years shall be the purchaser.

STATEMENTS MADE THE DAY OF THE HALL TAKE PRECEDENCE OVER ADVERT- MATERIAL.

RAY HUTCHISON, JR.  
SPECIAL COMMISSIONER  
MONROE CIRCUIT COURT  
(021502)

MASTER COMMISSIONER SALE  
COMMONWEALTH OF KENTUCKY  
40<sup>TH</sup> Judicial District  
MONROE CIRCUIT COURT  
CIVIL ACTION NO. 2006-CI-00180  
MONROE STATE BANK PLAINTIFF  
vs.  
GARY L. STRODE AND HIS WIFE,  
MAE STRODE  
And  
LEGAL RECOVERIES, INC.  
And  
NCO PORTFOLIO MANAGEMENT  
Assignee of BANK OF AMERICA  
DEFENDANTS

nt to the terms of a Judgment rendered in the cause, the undersigned will on  
February 23, 2007  
MONROE COUNTY COURTHOUSE  
10:00 A.M., CT

ublic auction, to the highest bidder, at the Mon- unty Courthouse, in the City of Tompkinsville, ky, the following described property:

ling at an iron pin set on the northern line ight of way of State Highway 639, a corner Julius Hays tract, in Monroe County approx- y 9.3 miles north-northwesterly of insville, Kentucky, said point of beginning located 30 feet from the centerline of said ay, 21.7 feet southerly of a 12-inch beech in 1, 12.3 feet westerly of a 16-inch hickory and 0.25 miles easterly along said highway for rsection with the Apple Grove Road; run- ence along the said Hays line, two feet west- and parallel with the existing fence, N 06

except said subject to, (a) All unpaid real estate taxes effecting the real estate for which the purchasers shall take no credit on the purchase price; (b) Easements, restrictions and stipulations of record effecting the property; (c) Any matters disclosed by an accurate survey or inspection of the property; (d) Any assessment for public improvements levied against the property. Neither the Commissioner nor the Court shall be deemed to have warranted title of said real estate to the purchaser.

The state, county, school and other property taxes for the tax year 2007 and subsequent years shall be paid by the purchaser.

ANY STATEMENTS MADE THE DAY OF THE SALE SHALL TAKE PRECEDENCE OVER ADVERTISED MATERIAL.

RAY HUTCHISON, JR.  
SPECIAL COMMISSIONER  
MONROE CIRCUIT COURT

REED N. MOORE, JR.  
ATTORNEY FOR EDMONTON STATE BANK  
(021502)

**NOTICE TO CONSTRUCT**

Cumberland Cellular Partnership is applying 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 telecommunications service in rural service area #5 of the Commonwealth of Kentucky (Monroe North Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 2543 John Eaton Road, Tompkinsville, Kentucky, 42167. Your comments and requests for intervention should be addressed to: Executive Director's Office, Public Service Commission, Post Office Box 615, 211 Sower Boulevard, Frankfort, Kentucky 40602. Please refer to Case No. 2007-00041 in your correspondence. (021502)

**ORDER TO DISPENSE  
Donald Coe Estate**

Notice is hereby given that by proper orders of the Monroe District Court on 1-23-07, that the estate of Donald Coe, deceased, case #07-P-00011 was dispensed with. All persons owing said estate are requested to make prompt settlement and all persons having claims against the estate shall present same, properly proven, to Joan Coe, 2550 Turkey Neck Bend Rd., Tompkinsville, KY 42167, or to Douglas Carter, P.O. Box 155, Tompkinsville, KY 42167, Attorney for the Estate.

Joyce Emberton, Clark  
Monroe District Court  
Probate Division  
(020801)

**FINAL SETTLEMENT HEARING  
Clarence England Estate**

A hearing on a final settlement filed in the following matter will be heard on 1-19-07 at 9:30 a.m., or as soon thereafter as can be heard. Estate of Clarence England, case #2006-P-00047. Persons having exceptions or Objections may file same in my office on or before said date.

Joyce Emberton, Clark  
Monroe District Court  
Probate Division  
(020801)

**SCHOOL AND  
DISTRICT REPORT CARDS**

School report cards will be mailed by the Kentucky Department of Education to parents of all Monroe County students in the coming weeks for the purpose of informing parents about school data, such as state assessment results, school funding, and teacher qualifications. Expanded School Report Cards, containing information beyond the School Report Card, are available for viewing in each school's office upon request. The District Expanded Report Card is on file at the Monroe County Board of Education office at 309 Emberton St., Tompkinsville and at the William B. Harlan Memorial Library, 500 W. 4th St., Tompkinsville. The District Report Card and all School Report Cards are now posted on the Monroe County School District website at [www.monroe.kyschools.us](http://www.monroe.kyschools.us). If you have any questions about the report cards, please contact Elizabeth Willett at the Monroe County Board of Education. (020803)

**CARDS  
OF THANKS**

**CARD OF THANKS**

We would like to express our sincere thanks to everyone who has shown their kindness to us following J.E.'s accident. Thank you so much for all the wonderful gifts, phone calls, visits to the hospital and our home, food, prayers, and other acts of kindness. We appreciate your friendship and your generosity, and we will never forget your thoughtfulness.

J.E. and Glaydelle Spear  
and Family  
(020802)

**Monroe Music's  
Little Opry**  
Old High School Auditorium  
Tompkinsville, Ky.  
**Saturday, Feb. 10  
at 7:00 p.m.**  
Featuring:  
**Temperance  
Road**  
For more info: 1-931-258-4185  
Lots of Prizes  
Upcoming Shows:  
Sat., Feb 17: Southern Express  
Sat., Feb. 24: Dale Reagan &  
Pride of Country  
Stateline Bluegrass

**Know the signs of stroke.**

- ✓ Sudden weakness or numbness of the face, arm or leg on one side of the body
- ✓ Sudden dimness or loss of vision, particularly in only one eye
- ✓ Loss of speech or difficulty talking or understanding speech
- ✓ Sudden, severe headaches with no apparent cause
- ✓ Unexplained dizziness or unsteadiness, or sudden falls, especially when it includes any of the symptoms mentioned above

If you have any of the warning signs, don't wait! It could be an emergency. Call 911, and see a doctor immediately.

A health tip brought to you by  
**CARDINAL  
HILL HOSPITAL**  
(859) 254-5701

Airlines Are Hiring- Train for high paying Aviation Maintenance career. FAA approved program. Financial aid if qualified- Job placement assistance. CALL Aviation Institute of Maintenance (888)349-5387.

Attend College Online from home \*Medical, \*Business, \*Paralegal, \*Computers, \*Criminal Justice. Job placement assistance. Computer provided. Financial aid if qualified. Call 866-858-2121 [www.OnlineTidewaterTech.com](http://www.OnlineTidewaterTech.com)

**REAL ESTATE**

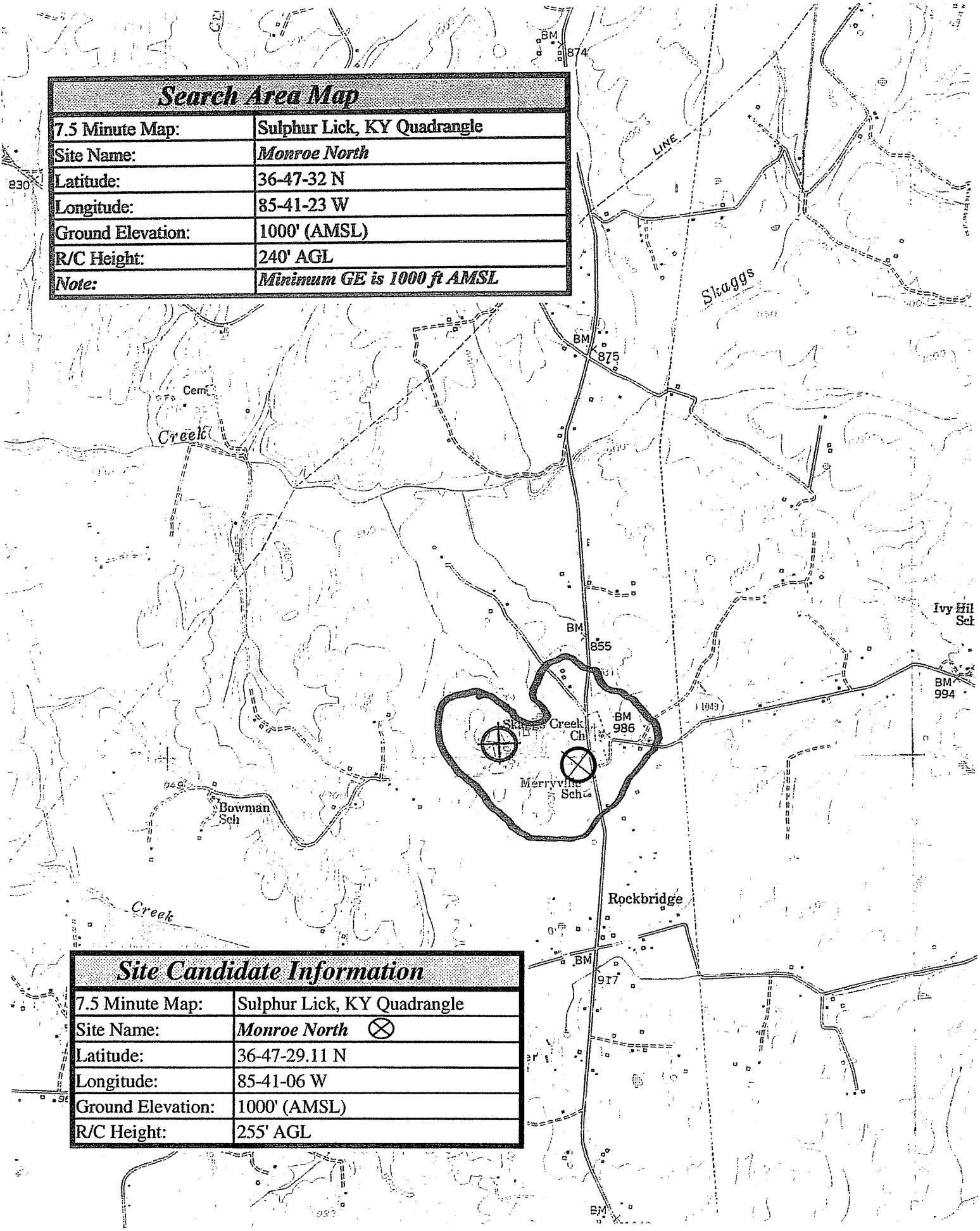
New Log Home! \$69,900- Lake access to Norris Lake with 2000 sq.ft. log home package. East TN near Knoxville, Gatlinburg & Smokies. 800-770-9311, ext.1963

**HOME HEALTH OPPORTUNITIES**  
Full time RN, LPN and I as well as a casual (around Spend quality time with Saint Joseph HealthCare Work independently, with of a great Call 859-313-1710 or e

**Livingston Regional Hospital**  
**Employment**  
**OCCUPATIONAL THERAPIST**  
**\$2,000 sign-on bonus available!**  
**RN CASE MANAGER**  
**Full-time position.**  
Apply in person, by fax, LIVINGSTON R P.O. Box 550, I Phone: (931) 403-2 paula.ra  
315 Oak Street Livingston, TN 38570 + 193

### Search Area Map

7.5 Minute Map:	Sulphur Lick, KY Quadrangle
Site Name:	<i>Monroe North</i>
Latitude:	36-47-32 N
Longitude:	85-41-23 W
Ground Elevation:	1000' (AMSL)
R/C Height:	240' AGL
Note:	<i>Minimum GE is 1000 ft AMSL</i>







### Site Candidate Information

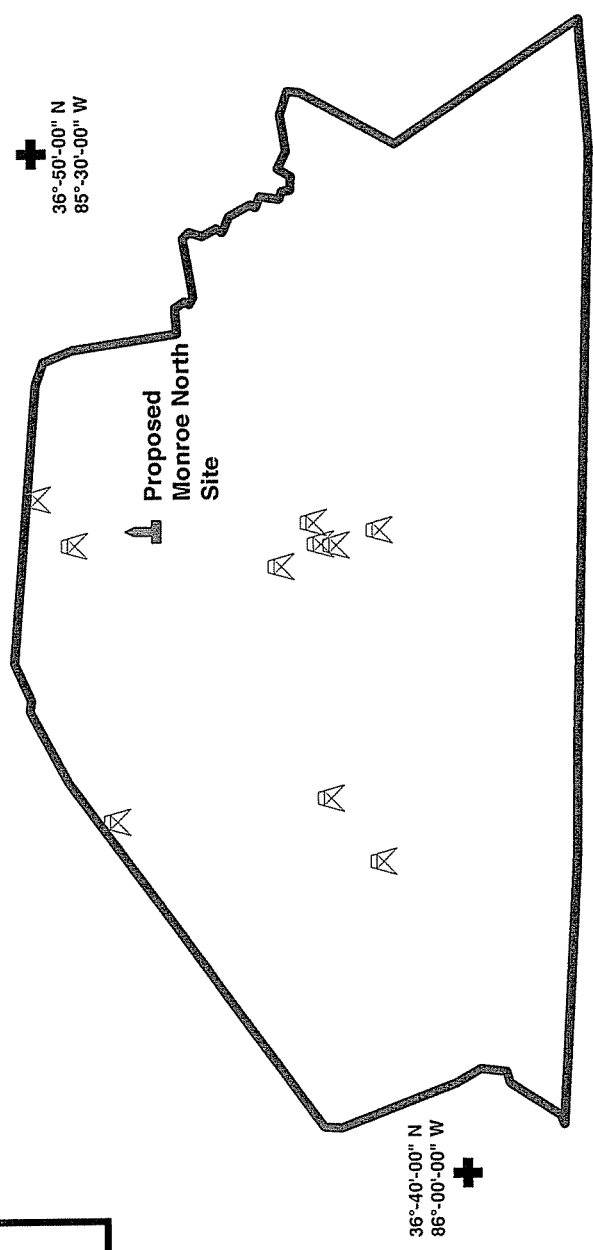
7.5 Minute Map:	Sulphur Lick, KY Quadrangle
Site Name:	<i>Monroe North</i> ⊗
Latitude:	36-47-29.11 N
Longitude:	85-41-06 W
Ground Elevation:	1000' (AMSL)
R/C Height:	255' AGL





	Monroe County Boundary
	Wireless Tower Locations Registered with the FCC
	Proposed Tower Location
	Tick Marks

Prepared By: LNGS Engineering 2/9/2007



**Information on Towers Registered with the FCC  
in Monroe County and 1/2 Mile Area Outside of the County Boundary**

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1041300	36 49 56.2	85 40 7.8	TOMPKINSVILLE	TEXAS EASTERN COMMUNICATIONS, INC.
1042225	36 44 13	85 42 10	TOMPKINSVILLE	Global Tower, LLC
1043026	36 43 27	85 40 53	TOMPKINSVILLE	WHITTIMORE ENTERPRISES INC DBA = WTKY AM FM
1043447	36 43 6	85 48 58	FILIPPEN	Estate of J. David Fridley
1044822	36 43 17	85 41 31	TOMPKINSVILLE	KENTUCKY, COMMONWEALTH OF DBA = KENTUCKY EMERGENCY WARNING SYSTEM KEWS
1055079	36 49 5	85 41 30	GLASGOW	Somerset Educational Broadcasting Foundation
1065560	36 41 54	85 41 7	TOMPKINSVILLE	CUMBERLAND CELLULAR PARTNERSHIP DBA = BLUEGRASS CELLULAR
1215547	36 48 9.1	85 49 35.8	Mc. Hermon	Cumberland Cellular Partnership
1217901	36 41 53	85 50 50	MC MINNVILLE	State of Tennessee Department of Transportation Aeronautics
1225703	36 42 55.2	85 41 32.9	Tompkinsville	Mediacom Southeast LLC