

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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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 (BEAR CREEK) IN RURAL
SERVICE AREA #5 (CUMBERLAND) OF THE COMMONWEALTH
OF KENTUCKY**

CASE NO. 2007-00018

APPLICATION FOR A CERTIFICATE
OF PUBLIC CONVENIENCE AND NECESSITY (BEAR CREEK)

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 Bear Creek 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 Bear Creek 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 Bear Creek 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 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 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 Cumberland 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 Cumberland 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 Burkesville, 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.

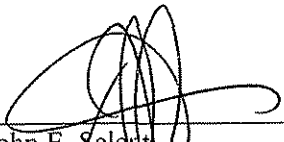
25. Correspondence and communication with regard to this application should be addressed to:

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 Bear Creek 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
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THOMAS GUTIERREZ*
ELIZABETH R. SACHS*
GEORGE L. LYON, JR.
PAMELA L. GIST
DAVID A. LAFURIA
B. LYNN F. RATNAVALE*
TODD SLAMOWITZ*
STEVEN M. CHERNOFF*

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

*NOT ADMITTED IN VA

December 5, 2006

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 (Bear Creek) near Burkesville, 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, a non-reduced 7-1/2' U.S. Geological Survey map indicating the exact location of the site, and a copy of the 1A Certification survey.

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

Sincerely,

Leila Rezanavaz
Leila Rezanavaz
Consulting Engineer

Enclosures

CC: Doug Updegraff

Telephone
(703)584-8668
FACSIMILE
(703) 584-8692

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

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 1/15/07 End 1/20/07

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 2006-A50-6959-OE

9. Latitude: 36 ° 45 ' 53 . 88 "

10. Longitude: 85 ° 18 ' 31 . 24 "

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

12. Nearest Kentucky City Burkesville County: Cumberland

13. Nearest Kentucky public use or Military airport:

Dale Hollow Regional (Petro-Field) Airport

14. Distance from #13 to Structure: 11.9 Miles

15. Direction from #13 to Structure: Northwest

16. Site Elevation (AMSL): 650 Feet

17. Total Structure Height (AGL): 255 Feet

18. Overall Height (#16 + #17) (AMSL): 905 Feet

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

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:
4888 Albany Road
Burkesville, KY 42717

21. Description of Proposal:

Structure: Tower with top-mounted antennas for overall height of 255' AGL.
Maximum ERP: 200 Watts
Frequency: 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 11/05/06

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

12/05/2006

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

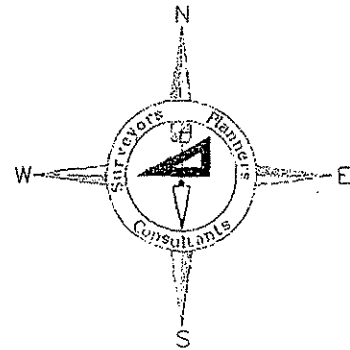
[] Approved

[] 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

November 28, 2006

Designation: Bear Creek
Site ID No.: Not Available
Tower Type: Proposed Self-Support Tower
Location: 4888 Albany Road, Burkesville, Kentucky 42717

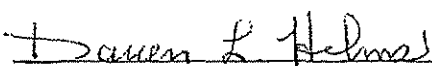
I certify that the latitude, longitude, ground elevation and height of the proposed self-support tower are as follows:

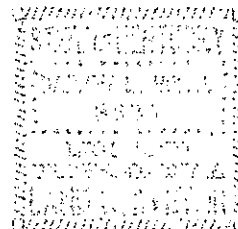
Latitude:	36 degrees 45 minutes 53.88 seconds North	(NAD 1983)
Longitude:	85 degrees 18 minutes 31.24 seconds West	(NAD 1983)
Ground Elevation:	649.6 feet or 198.0 meters	(NAVD 1988)
Proposed Structure Height:	240 feet or 73.2 meters	(above ground level)
Proposed Overall Structure Height:	not available	(above ground level)

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

The information shown above is based upon field observations made on November 16, 2006 using the National Geodetic Survey monument "FBN PHELPS" 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 3 software.

Landmark Surveying Co., Inc.


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



Notice of Proposed Construction or Alteration (7460-1)

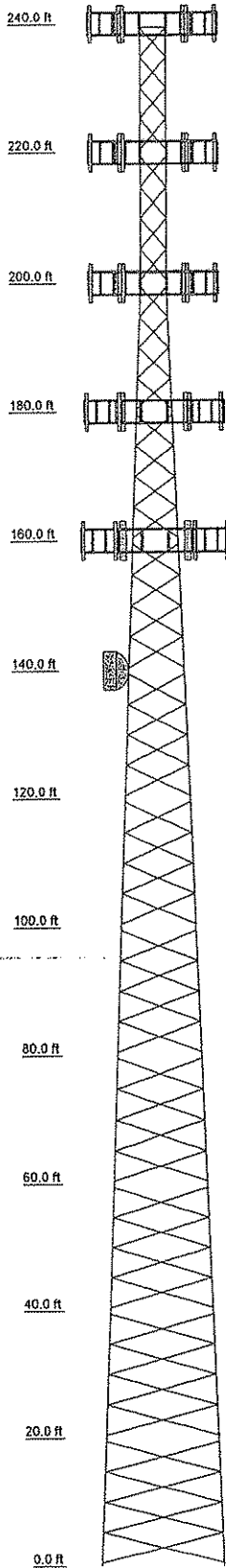
Project Name: BLUGR-000055205-06 **Sponsor:** Blugrass Cellular, Inc.

Details for Case : Bear Creek

Show Project Summary

Case Status		Structure Summary	
ASN: 2006-ASO-6959-OE		Date Accepted: 12/05/2006	
Status: Accepted		Date Determined:	
		Letters: None	
Construction / Alteration Information		Structure Summary	
Notice Of: Construction		Structure Name: Bear Creek	
Duration: Permanent		Structure Type: Antenna Tower	
if Temporary : Months: Days:		Other :	
Work Schedule - Start: 01/15/2007		FCC Number:	
Work Schedule - End: 01/20/2007		Prior ASN:	
State Filing: Filed with State			
Structure Details		Common Frequency Bands	
Latitude: 36° 45' 53.88" N		Low Freq High Freq Freq Unit ERP ERP Unit	
Longitude: 85° 18' 31.24" W		824 849 MHz 500 W	
Horizontal Datum: NAD83		851 866 MHz 500 W	
Site Elevation (SE): 650 (nearest foot)		869 894 MHz 500 W	
Structure Height (AGL): 255 (nearest foot)			
Marking/Lighting: Dual-red and medium intensity		Specific Frequencies	
Other :			
Nearest City: Burkesville			
Nearest State: Kentucky			
Traverseway: No Traverseway			
Description of Location: Site is located at: 4888 Albany Road Burkeville, KY 42717			
Description of Proposal: Proposed tower with top-mounted anethnas for a height of 255'.			

Section	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12
Legs	SR 1 3/4	SR 2 1/4	SR 2 1/2	SR 2 3/4	SR 3	SR 3 1/4	SR 3 1/2	SR 3 1/4	SR 3 3/4	SR 3 3/4	SR 4	
Leg Grade	L1 3/4x1 3/4x3/16											
Diagonals	L2 1/2x2 1/2x3/16											
Diagonal Grade	A36											
Top Girts	N.A.											
Face Width (ft)	5.5	7	8.5	10	11.5	13	14.5	16	17.5	19	20.5	22
# Panels @ (ft)	4	5	6	7	8	9	10	11	12	13	14	15
Weight (K)	0.8	1.3	1.4	1.6	2.0	2.5	2.9	3.0	3.7	4.6	5.2	32.5



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

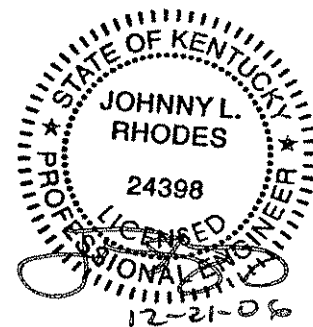
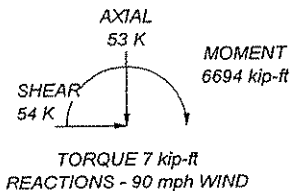
GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

TOWER DESIGN NOTES

1. Tower is located in Cumberland 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 12/21/06. JLR

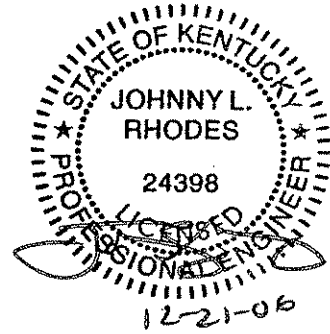
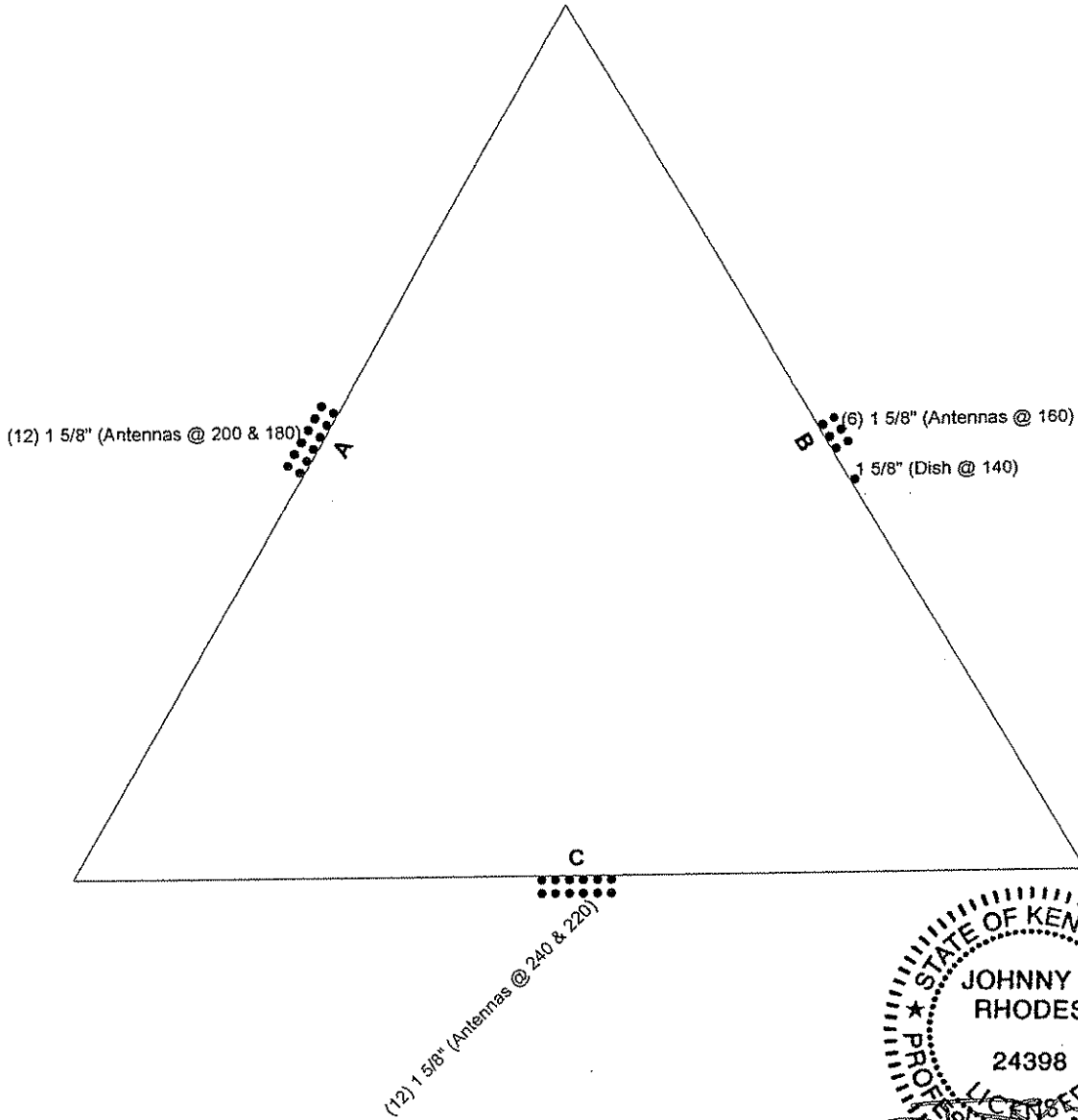
MAX. CORNER REACTIONS AT BASE:

DOWN: 424 K
 UPLIFT: -377 K
 SHEAR: 31 K



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

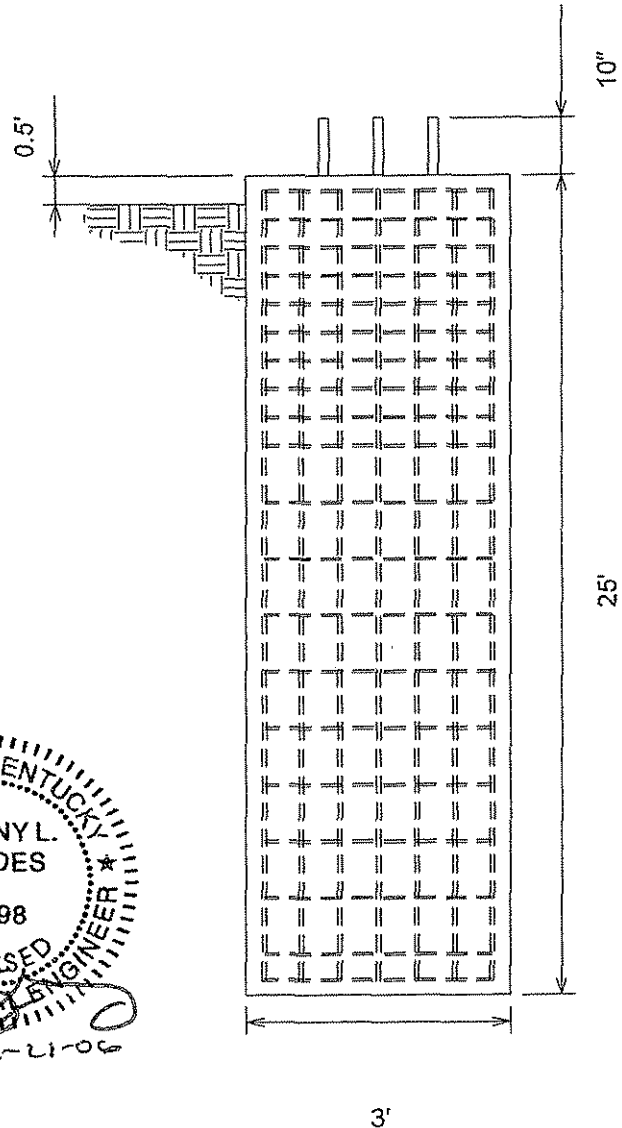
Job:	EII Job #2467-Bear Creek		
Project:	240' SST/Cumberland County, KY		
Client:	Bluegrass Cellular	Drawn by:	Johnny L. Rhodes, P.E.
Code:	TIA-222-G	Date:	12/21/06
Path:	Z:\Data\Drawings\Jobs\2400-2499\2467\Final Tower Design\2467.dwg	App'd:	
		Scale:	NT
		Dwg No.:	E



Eastpointe Engineering Group, LLC 4020 Tull Ave. Muskogee, OK 74403 Phone: 918.683.2169 FAX: 918.682.7618	Job: EII Job #2467--Bear Creek		
	Project: 240' SST/Cumberland County, KY		
	Client: Bluegrass Cellular	Drawn by: Johnny L. Rhodes, P.E.	App'd:
	Code: TIA-222-G	Date: 12/21/06	Scale: NT
	Path:	Dwg No. E	

CAISSON DESIGN

Vertical Bars	(12) #9 bars, 24.5' long
Ties	#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.

Supplemental Notes

Soil values obtained from Terracon soils report #57067557 dated 12/13/06.
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:	Bear Creek	
Job:	2467	Drawn by: JLR
Scale:	NTS	Date: 12/21/06

GEOTECHNICAL ENGINEERING REPORT

**PROPOSED BEAR CREEK COMMUNICATION TOWER
4870 ALBANY ROAD/ KENTUCKY HWY 90
BURKESVILLE, CUMBERLAND COUNTY, KENTUCKY**

**TERRACON PROJECT NO.: 57067557
December 13, 2006**

Prepared For:

**BLUEGRASS CELLULAR
Elizabethtown, Kentucky**

Prepared by:

Terracon
Louisville, Kentucky

Terracon

December 13, 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: Doug Updegraff

**Re: Geotechnical Engineering Report
Proposed Bear Creek Communication Tower
4870 Albany Road/ Kentucky Hwy 90
Burkesville, Cumberland County, Kentucky
Terracon Project No. 57067557**

Dear Mr. Updegraff:

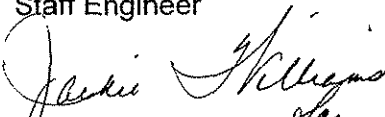
The results of our subsurface exploration are attached. The purpose of this exploration was to obtain information on subsurface conditions at the proposed project site and, based on this information, to provide recommendations regarding the design and construction of foundations for the proposed tower.


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.

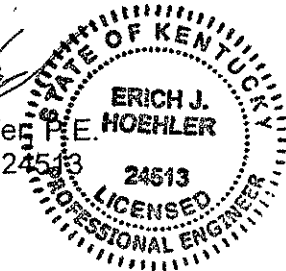
We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, or if we may be of further service to you in any way, please feel free to contact us.

Sincerely,
Terracon

for 
Shaikh Z. Rahman, EIT.
Staff Engineer


Timothy G. LaGrow, P.E.
Regional Manager


Erich J. Hoehler, P.E.
Kentucky No. 24513



n:\projects\2006\57067557\geo57067557.doc
Attachments: Geotechnical Engineering Report
Copies: (4)

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GEOTECHNICAL ENGINEERING REPORT

PROPOSED BEAR CREEK COMMUNICATION TOWER
4870 ALBANY ROAD/ KENTUCKY HWY 90
BURKESVILLE, CUMBERLAND COUNTY, KENTUCKY
TERRACON PROJECT NO. 57067557
December 13, 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 foundations and earthwork for the proposed tower. One boring extending to a depth of about 28 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. Based on observed topography and proposed tower construction, minimal grading operations are anticipated.

3.0 EXPLORATION PROCEDUR ES

3.1 Field Exploration

The subsurface exploration consisted of drilling and sampling one boring at the site to a depth of about 28 feet below existing grade. The boring was advanced at the center of the tower as staked by the project surveyor. Ground surface elevation at the boring location was obtained from the site plan provided by the client. 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 a truck-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 ASTM 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 18 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 designations (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 tests 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 designations (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.

Beneath about 0.3 foot of topsoil, the boring encountered native lean clay (CL) with trace of weathered rock fragments below 6 feet extending to auger refusal at about 18 feet below grade. The clays exhibited a stiff to very stiff consistency based on standard penetration test (N) values in the range of about 10 to 28 blows per foot (bpf). The presence of rock fragments in the soil matrix most likely has inflated the higher blow counts.

Below a depth of about 18 feet, rock coring techniques were used to advance the borehole. The bedrock was found to consists of slightly weathered, closely jointed, dark gray shale. The bedrock at the site appears to be relatively continuous based on the core recovery of 98 percent. The quality of the rock is rated as good based on the RQD value of about 84 percent. Considering the height of the tower and the quality of the bedrock, coring operations were terminated at a depth of 28 feet below grade.

4.2 Site Geology

A review of the Geologic Map of Burkesville Quadrangle, Kentucky published by Kentucky Geological Survey (1963), indicates that the site is underlain by the Fort Payne formation of the Upper Mississippian age. This formation consists of shale, siltstone, sandstone, reef and limestone.

It should be noted that the site is underlain by a formation that is 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 did not note any sinkholes on or around the site, or within a 1/2 mile radius of the property. Furthermore, the boring drilled at the site did not disclose any obvious signs of impending overburden collapse.

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 RECOMMEN DATIONS

Based on the encountered subsurface conditions, the tower can be constructed on drilled piers or a mat foundation. 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

Drilled Pier Alternative: 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, &sub0 (in/in)
0 - 3	Topsoil and Lean Clay	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 18	Lean Clay	425	3,000	1,500	0	1,500	125	0.007
18 - 28	Shale ***	3,500	20,000	7,000	0	70,000	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 140 pcf can be estimated for the lean clay and shale, respectively.
 *** The pier should be embedded a minimum of 3 feet into shale 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 shale. 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 drilled piers 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 lateral and uplift resistance caused by variable subsurface conditions and or bedrock depths, the drawings should instruct the contractor to notify the engineer if subsurface conditions significantly different than encountered in the boring are disclosed during drilled pier installation. Under these circumstances, it may be necessary to adjust the overall length of the pier. To facilitate these adjustments and assure that the pier is embedded in suitable materials, it is recommended that a Terracon representative observe the drilled pier excavation.

If a bedrock socket is required, it is recommended that a minimum pier length and minimum competent rock socket length be stated on the design drawings. Competent rock was encountered in the boring below a depth of about 18 feet, but could vary between tower legs or if the tower 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.

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 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.

Mat Foundation Alternative: The mat foundation can be designed using the following natural soil/engineered fill parameters. These parameters are based on the findings of the boring, a review of published correlation values and Terracon's experience with similar soil conditions. These design parameters also assume that the base of the mat foundation will rest on natural soils or well-graded crushed stone that is compacted and tested on a full time basis.

Table 3 - Mat Foundation Design Parameters

Depth (feet)	Description	Allowable Contact Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Coefficient of Friction, Tan δ	Vertical Modulus of Subgrade Reaction (pci)
0 - 2	Topsoil and Lean Clays	Ignore	Ignore	-	
≥ 2	Lean Clay or Crushed Stone Fill	3,000	Ignore	0.35	125

To assure that soft soils are not left under the mat foundation, it is recommended that a geotechnical engineer observe the foundation subgrade prior to concrete placement. Provided the above recommendations are followed, total mat foundation settlements are not anticipated to exceed about 1 inch. Differential settlement should not exceed 50 percent of the total settlement.

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 2.0 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 2.0 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 below the tower foundation and well graded crushed stone or low plasticity cohesive soil elsewhere. 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 should 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, 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.

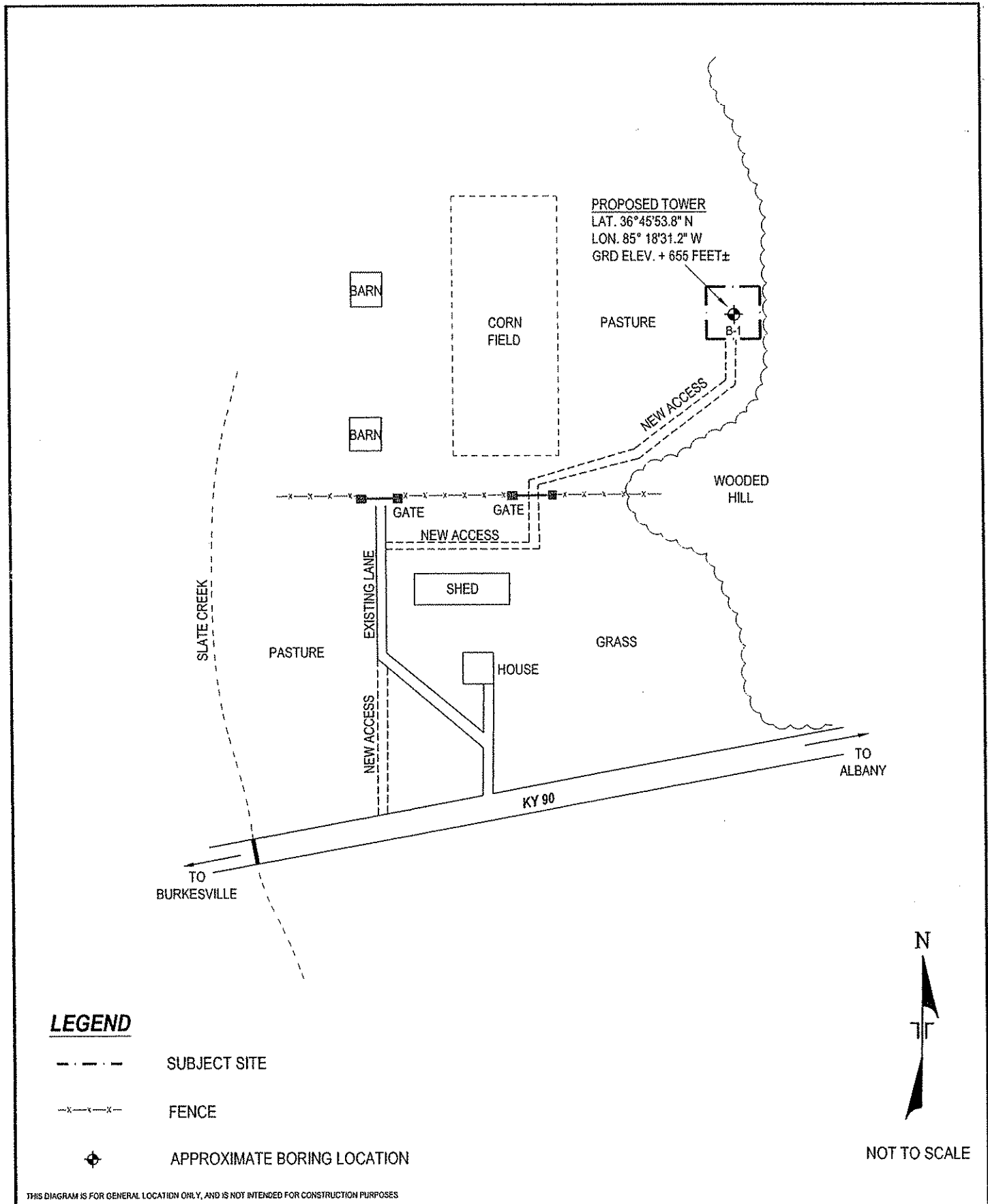
This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No warranties, either express or implied, are intended or made. Site safety, excavation support, 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

**Proposed Bear Creek Communication Tower
Burkesville, Cumberland County, Kentucky
Terracon Project No.: 57067557
December 13, 2006**

Terracon

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



Project Mngr:	SZR
Drawn By:	SEG
Checked By:	MRF/SZR
Approved By:	EH

Project No.	57067557
Scale:	AS SHOWN
File No.	GEO57067557-1
Date:	DECEMBER 2006

Terracon
 Consulting Engineers and Scientists

4545 Bishop Lane, Suite 101 Louisville, KY 40218
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BORING LOCATION DIAGRAM
 GEOTECHNICAL EXPLORATION
 BEAR CREEK
 4870 ALBANY ROAD/ KY 90
 BURKESVILLE, KY

FIG. No.	1
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LOG OF BORING NO. B-1

CLIENT Bluegrass Cellular Partnership											
SITE 4870 Albany Road Burkesville, Kentucky		PROJECT Proposed Bear Creek Telecommunication Tower									
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			ATTERBERG LIMITS
				NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	
	Approx. Surface Elev.: 622 ft										
0.5	TOPSOIL	621.5									
	LEAN CLAY with trace sand, yellowish brown, stiff to very stiff		CL	1	SS	18	21	19			
		5									
	trace weathered rock fragments below 6 feet		CL	2	SS	18	21	19			
			CL	3	SS	15	28	21			
		10									
			CL	4	SS	14	10	23			
		15									
			CL	5	SS	17	21	25			
		18									
	Auger Refusal at 18 feet, Began Coring	604									
	SHALE closely jointed, slightly weathered, dark gray & black, hard			6	DB	98%	RQD 84%				
		20									
		25									
		28									
	Boring Terminated at 28 feet	594									

LL = 29
PL = 18
PI = 11

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		11-15-06	
BORING COMPLETED		11-15-06	
RIG	CME-55	FOREMAN	MW
APPROVED	JLT	JOB #	57067557

BOREHOLE 99 57067557 LOGS.GPJ TERRACON.GDT 12/18/06

GENERAL NOTES

DRILLING & SAMPLING SYMBOLS:

SS:	Split Spoon - 1-3/8" 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+

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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^a

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) ^b		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^A

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

^ABased on the material passing the 3-in. (75-mm) sieve

^BIf field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

^CGravels 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.

^DSands 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

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

^FIf soil contains $\geq 15\%$ sand, add "with sand" to group name.

^GIf fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

^HIf fines are organic, add "with organic fines" to group name.

^IIf soil contains $\geq 15\%$ gravel, add "with gravel" to group name.

^JIf Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

^KIf soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

^LIf soil contains $\geq 30\%$ plus No. 200 predominantly sand, add "sandy" to group name.

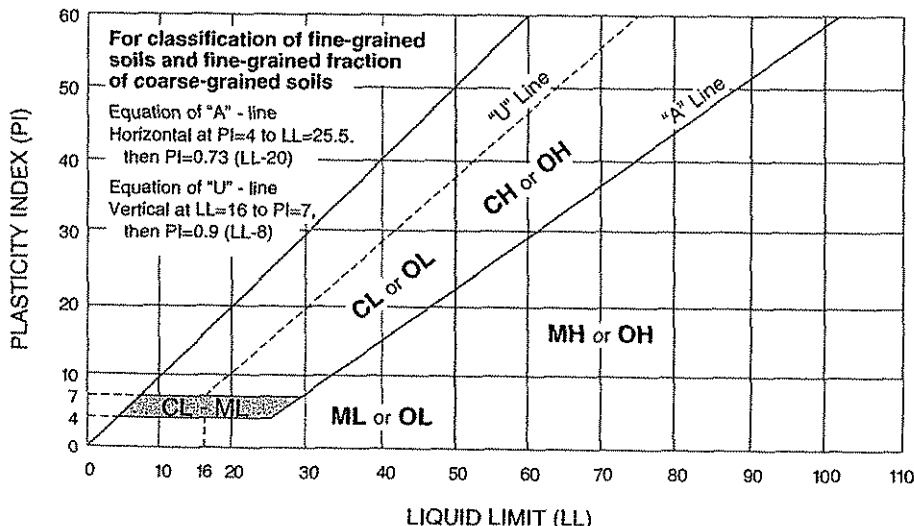
^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.

^N $PI \geq 4$ and plots on or above "A" line.

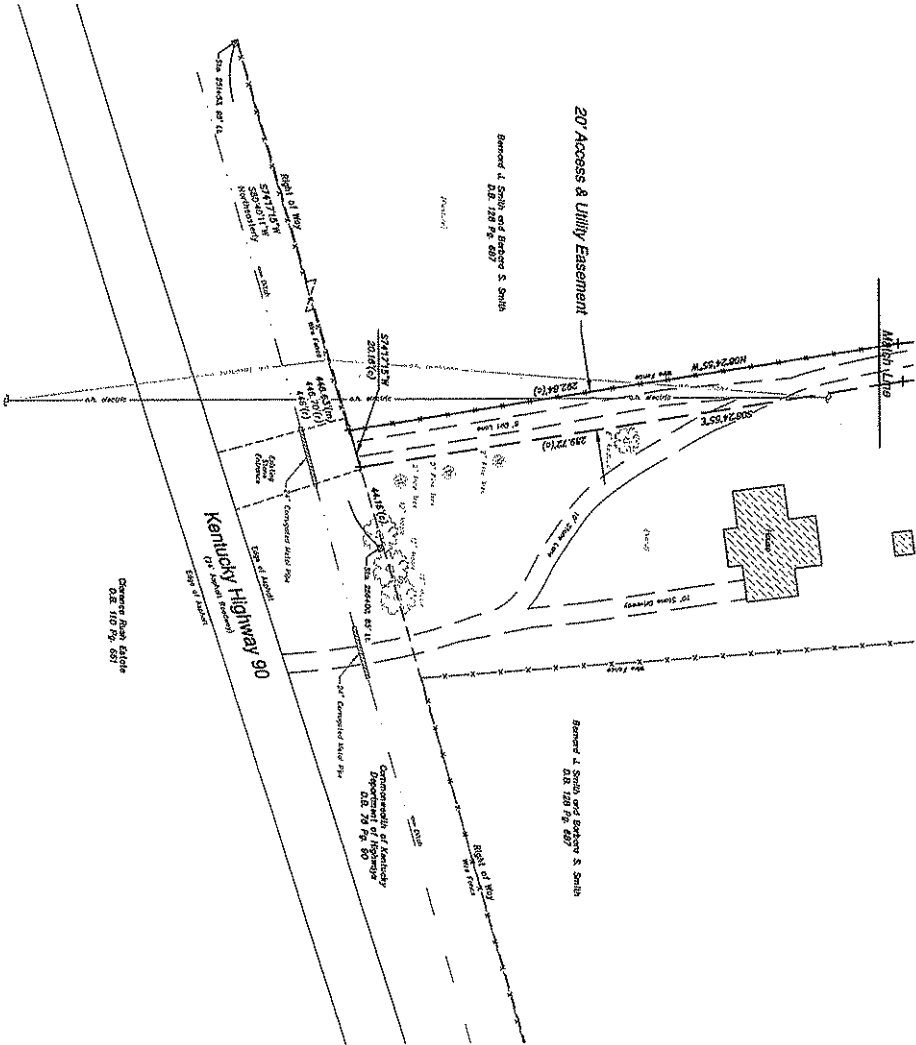
^O $PI < 4$ or plots below "A" line.

^P PI plots on or above "A" line.

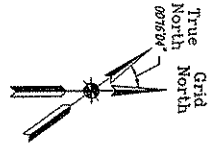
^Q PI plots below "A" line.



Slur Bear Creek
Lease Boundary and Topographic Survey
Cumberland County, Kentucky



Reduced Copy



- LEGEND
- 5/8" Round Set (Red Ink) A Survey Cap (marked "DL Helms FTS 1386")
 - 5/8" Round Set (Red Ink) - No Cap
 - 1/2" Round Found (Green) 4" DIA A Survey Cap (marked "DL Helms FTS 1386")
 - 1" x 1" Concrete Right of Way Monument (Found) (marked "DL Helms FTS 1386")
 - 1" x 1" Concrete Right of Way Monument (Found) (No Marking)
 - 1" x 1" Concrete Right of Way Monument (Found) (Set)
 - Subject Easements
 - Easement Boundaries
 - Right of Way
 - Utility Pole
 - Dry Arbor
 - Impediment (Marked)
 - (a) Impediment (Marked)
 - (b) Impediment (Marked)
 - (c) Impediment (Marked)
 - (d) Impediment (Marked)
 - (e) Impediment (Marked)
 - (f) Impediment (Marked)
 - (g) Impediment (Marked)
 - (h) Impediment (Marked)
 - (i) Impediment (Marked)
 - (j) Impediment (Marked)
 - (k) Impediment (Marked)
 - (l) Impediment (Marked)
 - (m) Impediment (Marked)
 - (n) Impediment (Marked)
 - (o) Impediment (Marked)
 - (p) Impediment (Marked)
 - (q) Impediment (Marked)
 - (r) Impediment (Marked)
 - (s) Impediment (Marked)
 - (t) Impediment (Marked)
 - (u) Impediment (Marked)
 - (v) Impediment (Marked)
 - (w) Impediment (Marked)
 - (x) Impediment (Marked)
 - (y) Impediment (Marked)
 - (z) Impediment (Marked)

I hereby certify that this plot has been computed from a survey which meets the requirements of the laws of this State and that the same is a true and correct copy of the original survey as the same appears on the records of the County Clerk of this County, Kentucky. The original records of this survey are on file in the office of the County Clerk of this County, Kentucky.

Darren L. Helms
Darren L. Helms, FTS 1386
Nov. 28, 2006

STATE OF KENTUCKY
DARRIN L. HELMS
3936
LICENSED
PROFESSIONAL
LAND SURVEYOR

Lease Boundary Survey

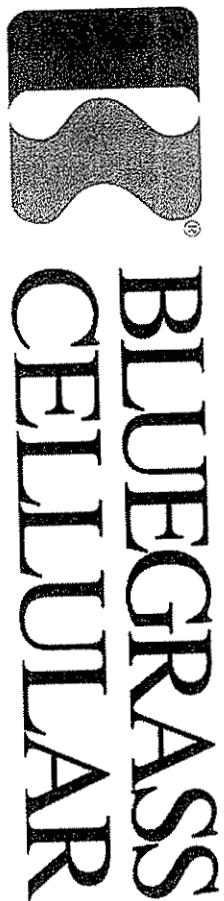
4888 Albany Road

Burkesville, Kentucky 42717

Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47201
(812) 257-0852
Desk: landmk01@bellsouth.net
Project No. 05-10-0221

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42702

DATE: 11-28-06
DRAWN BY: A. Helms
CHECKED BY: DL Helms
SHEET NO. 3
OF 3 SHEETS
FILE NO. [Blank]
See Backing



APPROVAL SIGNATURES _____

BLUEGRASS CELLULAR
CONSTRUCTION SUPERVISOR: _____ DATE: _____

CITY REPRESENTATIVE: _____ TITLE: _____ DATE: _____

PROPERTY OWNER/OWNERS: _____ DATE: _____

TOWER OWNER/OWNERS: _____ DATE: _____

SITE NAME: **BEAR CREEK**

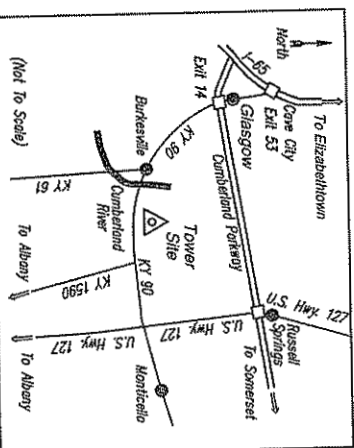
911 ADDRESS: **4888 ALBANY RD.**

BURKESVILLE, KY. 42717

COUNTY: **CUMBERLAND**

TOWER LATITUDE & LONGITUDE
N 36° 45' 53.88" W 85° 18' 31.24"

SHEET NO.	DESCRIPTION	REVISION
TITLE SHEET	TITLE SHEET	
AS1	AS1	
AS2	AS2	
AS3	AS3	
AS4	AS4	
AS5	AS5	
AS6	AS6	
AS7	AS7	
AS8	AS8	
AS9	AS9	
AS10	AS10	
AS11	AS11	
AS12	AS12	
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AS100	AS100	



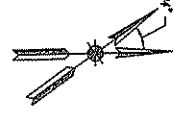
VICINITY MAP
NOT TO SCALE

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 80 in Glasgow, travel East on Kentucky Highway 80 to the Cumberland County Courthouse in Burkeseville, continue East on Kentucky Highway 80, crossing over the Cumberland River at 0.8 miles, 4.9 miles in all to a turn on the left or North side of the highway about 400 feet after crossing over State Creek, turn left onto the lane and travel Northerly about 0.2 miles, passing through a barn lot, to the tower site in a hayfield on a hillside.

SITE DATA	
PROPERTY OWNER:	Bernard & Barbara Smith 4870 Albany Rd (270) 488-6386
TOWER OWNER:	BLUEGRASS CELLULAR (270) 789-0538
POWER COMPANY:	TRIP COUNTY RECO (270) 864-3971
TELEPHONE COMPANY:	DOD COUNTY TELEPHONE (270) 435-4121
BLUEGRASS CONSTRUCTION SUPERVISOR:	HAROLD WATERS (270) 202-7030
	ROBIN BECKER (602) 231-2686 OFFICE/FAK

True Grid
North
078°56'



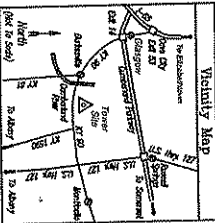
Basis of Bearings
The bearing system of this survey is based upon the 2011 North American Datum (NAD 83) and is based upon the Kentucky State Plane Coordinate System, South Zone, NAD 83 (83S). The datum is a flat zone.

Tower Location Information
Asymptote: 500' East
Site ID: 100
Elevation: 3,000' ASL
Longitude: 83°37'34" West
Latitude: 37°40'18" North
UTM Zone: 18QD
UTM Easting: 650,000
UTM Northing: 4,000,000
UTM Zone Designation: 18QD
UTM Easting: 650,000
UTM Northing: 4,000,000

Owner Information
Owner: Edward J. Smith and Barbara S. Smith
Address: 4000 Merry Road, #107
Crestwood, Kentucky 40012
Phone: (502) 413-3000
Fax: (502) 413-3000
Cell: (502) 413-3000
P.O. Box No. 077-00-00-0400

Project: Branch Mark
Location: 1,200' East of the intersection of the road known as Merry Road and the road known as Branch Mark. The bearing of the road known as Merry Road is 178°57'17" and the bearing of the road known as Branch Mark is 178°57'17". The distance from the intersection of the road known as Merry Road and the road known as Branch Mark to the location of the tower is 1,200'.

Flood Plain Statement
According to the Flood Hazard Inventory Map for Cumberland County, Kentucky (adopted by the Board of Commissioners on November 1, 1991), the subject site does not lie within a Special Flood Hazard Area.



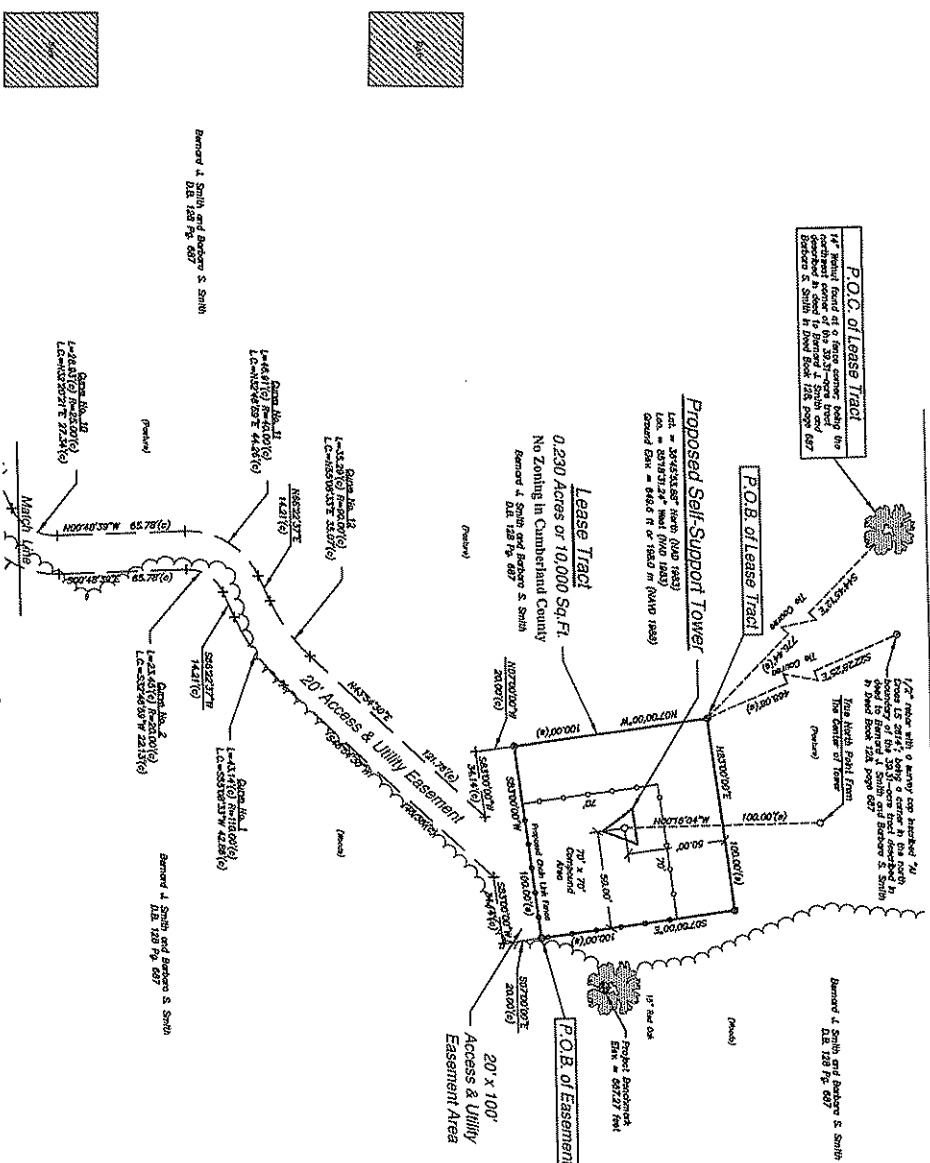
Dimensions to Site
From the intersection of the road known as Merry Road and the road known as Branch Mark, the distance to the location of the tower is 1,200'.

Site: Bear Creek Lease Boundary and Topographic Survey Cumberland County, Kentucky

POB of Lease Tract
1/2" scale with a survey cap bearing 70° 00' 00" East from the center of the tower to the center of the lease tract. The distance from the center of the tower to the center of the lease tract is 10,000'.

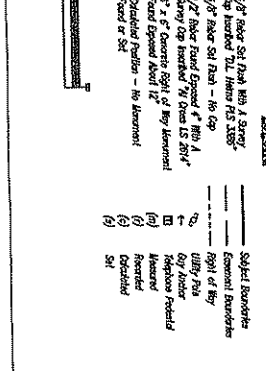
Proposed Self-Support Tower
0.230 Acres or 10,000 Sq. Ft.
No Zoning in Cumberland County
Removal of 20' x 10' x 10' Pole
Elev. = 581.27' feet

Lease Tract
0.230 Acres or 10,000 Sq. Ft.
No Zoning in Cumberland County
Removal of 20' x 10' x 10' Pole
Elev. = 581.27' feet



Surveyor's Notice
1. This survey is subject to a settlement of the boundary between the subject tract and the adjacent tract as shown on the plat. The dimensions are not provided by the owner.
2. No amount of public records has been perused by this firm to determine any rights or claims which may be asserted against the subject tract.
3. The utility shown on this plat may or may not represent the actual location of the utility lines. The utility lines are shown on this plat as a general indication of their location. The utility lines are not shown on this plat as a guarantee of their location. The utility lines are shown on this plat as a general indication of their location.

Surveyor's Contention
I hereby certify that this plat has been compiled from a survey conducted by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief. I am a duly licensed and sworn surveyor in the State of Kentucky. My commission expires on November 28, 2008. This survey is hereby referred and made a part of these descriptions.

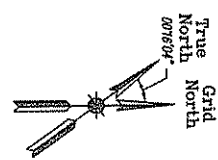
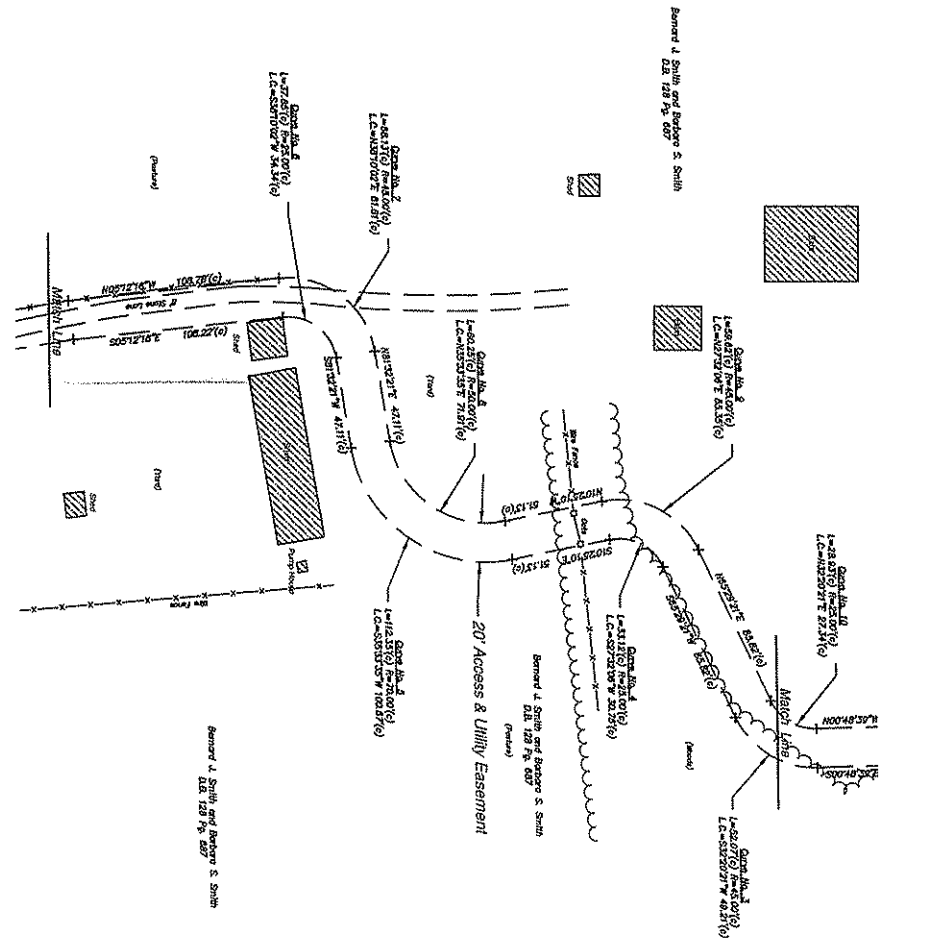


Legend
Subject Boundaries
General Boundaries
Right of Way
Utility Pole
Proposed Tower
Access & Utility Easement Area
20' x 10' x 10' Pole
Removal of 20' x 10' x 10' Pole

Lease Boundary and Parameter Description
A part of land that is located about 5 miles south-southwest of the City of Berea and about 1/2 mile east of the center of the town of Berea, Cumberland County, Kentucky, and that being more or less as follows:
Commencing at a 1/4" scale point of a former corner, and going North 89° 00' 00" East 1/4" scale from the center of the tower to the center of the lease tract, a distance of 10,000'.

Bluegrass Cellular 2902 Ring Road Elizabethtown, Kentucky 42702	Lease Boundary Survey 4888 Albany Road Burkesville, Kentucky 42717	Landmark Surveying Co., Inc. 15 NE 3rd Street Washington, Indiana 47001 (812) 237-0950 Email: info@landmarksurvey.com Project No. 08-10-0023
	DATE: 11-28-06 DRAWN BY: A. Whittier CHECKED BY: D.L. Hines SHEET NO. 1 OF 3 SHEETS FILE NO.	

Site: Bear Creek
Lease Boundary and Topographic Survey
Cumberland County, Kentucky



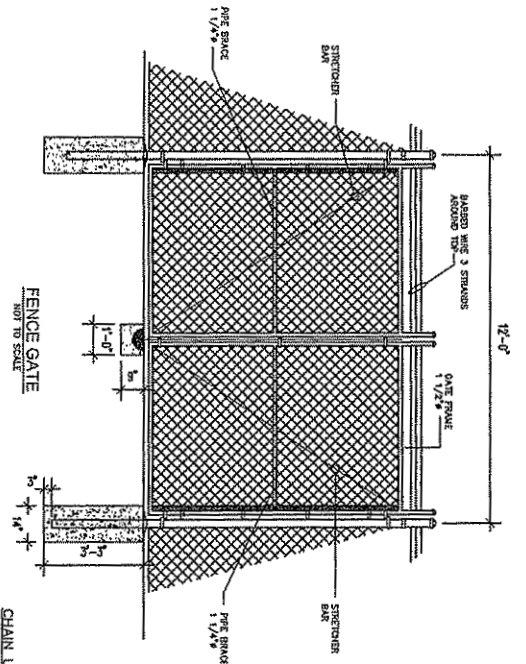
- LEGEND**
- 3/8" Rubber Silt Plug With A Spray Cap Installed - See Plans RLS 138F
 - 3/8" Rubber Silt Plug - No Cap
 - 1/2" Rubber Fused Easement 4" Min A Spray Cap Installed 1/4" Over 15 2811'
 - 4" x 6" Concrete Right of Way Easement
 - Fused Easement About 12"
 - Residual Position - No Movement
 - Fused or Set
 - Subject Boundaries
 - Easement Boundaries
 - Right of Way
 - Utility Pole
 - Guy Anchor
 - Inhibitor Pilehead
 - (a) Access
 - (b) Easement
 - (c) Disturbed
 - (d) Set

Surveyor's Certification

I hereby certify that this plot has been compiled from a survey conducted upon the ground under my direct supervision on November 15, 2005 by the method of modern traverse with electronic. The indicated precision ratio of the traverse was better than 1:50,000 and it was not expected that any significant error would occur in the survey results or the representation of the position of the lines on the survey map and plan of this survey.

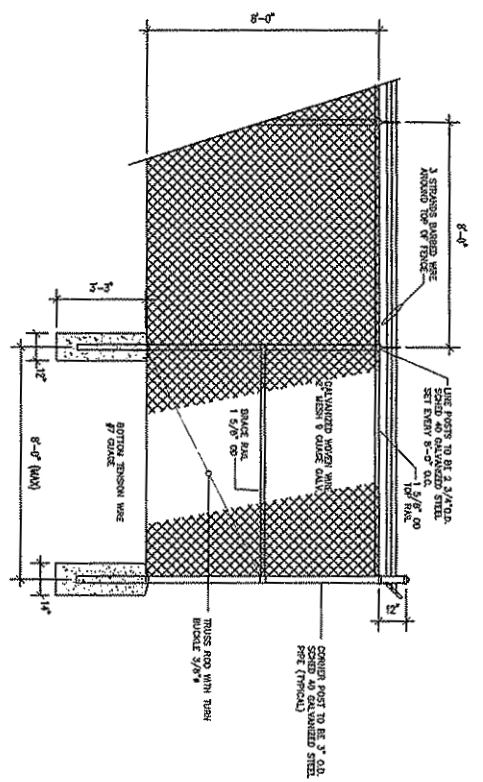
DATE: _____
 BY: _____

<p>Bluegrass Cellular 2902 Ring Road Elizabethtown, Kentucky 42702</p>	<p>Lease Boundary Survey 4888 Albany Road Burkesville, Kentucky 42717</p>	<p>Landmark Surveying Co., Inc. 15 NE 3rd Street Washington, Indiana 47501 (812) 257-0550 Email: landmark@landmarksurveying.com Project No. 05-10-0221</p>	<p>DATE: 11-28-06 DRAWN BY: A. Wheeler CHECKED BY: D.L. Hahn</p>
<p>REVISIONS: _____ DATE: _____</p>	<p>OF 3 SHEETS FILE NO. _____ SHEET NO. 2</p>	<p>DATE: 11-28-06 DRAWN BY: A. Wheeler CHECKED BY: D.L. Hahn</p>	



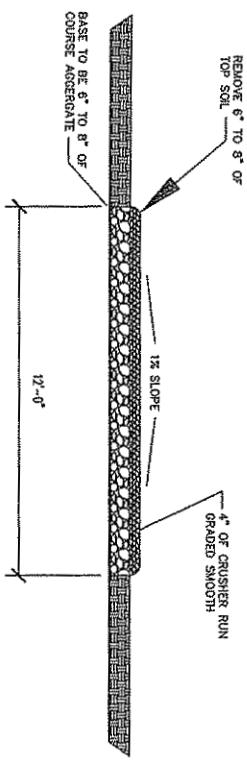
CHAIN LINK FENCING NOTES:

- 1 FABRIC: THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL NOT 90° GALVANIZED WIRE FICKETS HELICALLY WOUND AND INTERWOVEN FROM NO. 9 W & M GALVE HAVING A 2" MESH. TOP EDGES SHALL HAVE A TRESTED AND BARBED.
- 2 POSTS: SHALL BE 2 3/4" O.D. SS 40 PIPE HOT GALVANIZED. THESE POSTS SHALL BE SET IN 2'-3" IN BELL SHAVED CONCRETE FOOTING CROWNED AT TOP TO SHED WATER.
- 3 TOP RAIL: SHALL BE 1 1/2" O.D. STANDARD PIPE HOT GALVANIZED AND SHALL BE PASSED IN ROUND LATCHES INTERMING NOT LESS THAN 20'.
- 4 FABRIC TIE: FOR ATTACHING FABRIC TO LINE POST, TOP RAIL OR TOP WIRE, SHALL BE ALUMINUM STRIP OR WIRE OF APPROVED EDGE AND DESIGN, USED ON TOP OF RAIL EVERY 24" AND ONE POST EVERY 12'.
- 5 EXTENSION ANGLE: CAST STEEL GALVANIZED TO ACCOMMODATE 3 STRANDS OF BARB WIRE, SINGLE ARM SLOPED TO 45°, AND VERTICAL ON TOP OF SWING GATES.
- 6 BARBED WIRE (STEEL, ASH AL21 GALVANIZED STEEL, 12 GAUGE THICK WIRE, 3 STRANDS 4 POINTS AT 3" O.C.
- 7 SWING GATE POSTS: SHALL BE 3" O.C. STANDARD HOT GALVANIZED, WEIGHING 5.79 LBS. PER FOOT.
- 8 GATES: 60 SWING GATES, 2" O.C. STANDARD PIPE WITH INTERNAL BRACING OF 1 1/2" O.D. STANDARD PIPE, WELDED AT ALL JOINTS TO PROVIDE RIGID WATER TIGHT CONSTRUCTION. FABRIC SAME AS FENCE.
- 9 FENCE TO BE LOOK ERECTED WITHIN TEN(10) DAYS OF COMPLETION OF CONSTRUCTION, IF TIME FRAME CANNOT BE MET, PLEASE NOTIFY PROJECT MANAGER.

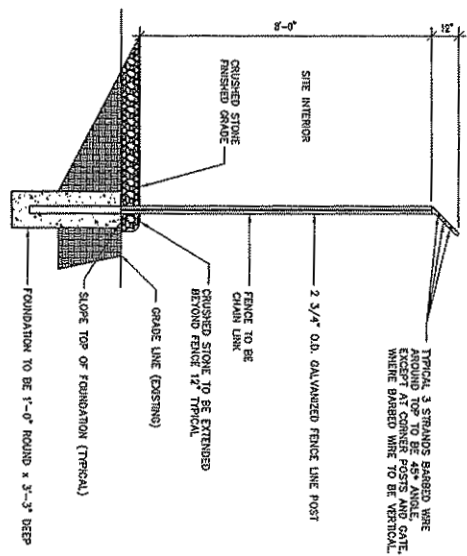


FENCE DETAIL END POLES NOT TO SCALE

TYPICAL 3 STRANDS BARBED WIRE AROUND TOP TO BE 45° ANGLE EXCEPT AT CORNER POSTS AND GATE WHERE BARBED WIRE TO BE VERTICAL.



ROAD DETAIL NOT TO SCALE



FENCE DETAIL LINE POLES NOT TO SCALE

DRAWN BY: R. BECKER ISSUE DATE: 1-23-07 SCALE: LISTED	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE BEAR CREEK 4888 ALBANY RD. BURKESVILLE, KY. 42717	NO. DATE REVISION 	R & B 8462 MERCURY DRIVE LOUISVILLE, KY 40301 (502) 500-0107 FAX (502) 501-3106
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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 CAP 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 HAROLINES INTO BUILDING 12' & INSTALL POLYPHASES, PER INSTRUCTION OF PROJECT MANAGER.

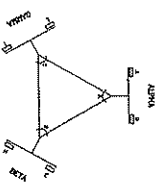
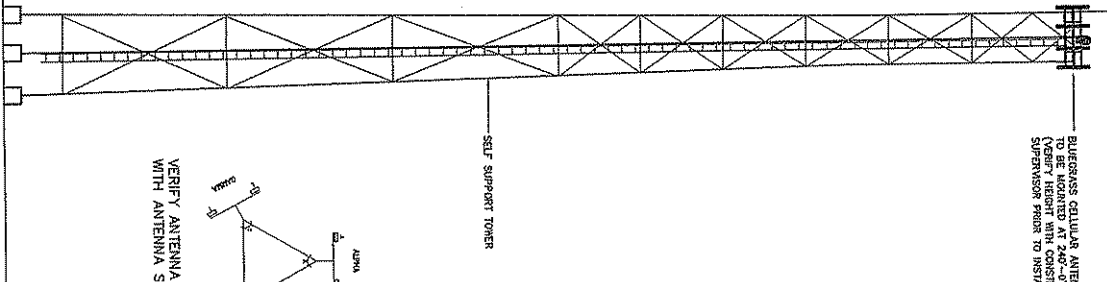
CONTRACTORS TO SUPPLY POLYPHASES OR LIKE UNITS TO BE INSTALLED AND GROUNDED TO GROUND BAR INSIDE BUILDING AT WAVE GUIDE ENTRANCE. GO TO SUPPLY GROUND CABLE & LUGS.

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

BLUEGRASS CELLULAR ANTENNA (6) MOUNTED AT 240'-0" C/L (VERIFY HEIGHT WITH CONSTRUCTION SUPERVISOR PRIOR TO INSTALLATION)



VERIFY ANTENNA ORIENTATION WITH ANTENNA SPECIFICATIONS

SELF SUPPORT TOWER ELEVATION (TYPICAL)

TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

ANTENNA SPECS

TYPE	SIZE	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	AP13-890-8500 ADJ-XE	6	85° + 250°, 350°	240'-0" C/L VERIFY WITH CONSTRUCTION SUPERVISOR
ANTENNA (SECONDARY)				

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)		6

DISH SPECS

DISH #	MANUFACTURER/TOWER	SIZE	NUMBER	AZIMUTH	MOUNTING HEIGHT
DISH #1					
DISH #2					

DISH MOUNT SPECS

MOUNT #	TYPE	SIZE	NUMBER
MOUNT #1			
MOUNT #2			

DISH TRANSMISSION LINES

TRANSMISSION LINE #	TYPE	SIZE	NUMBER
TRANSMISSION LINE #1			
TRANSMISSION LINE #2			

ANTENNA SYNOPSIS

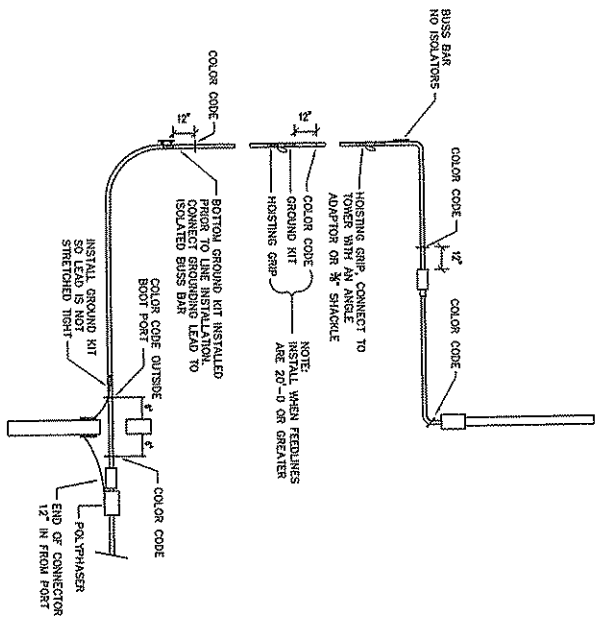
- ANTENNAS TO HAVE A 24" X,Y,Z
- ANTENNA FREQUENCY 890.00 - 890.00



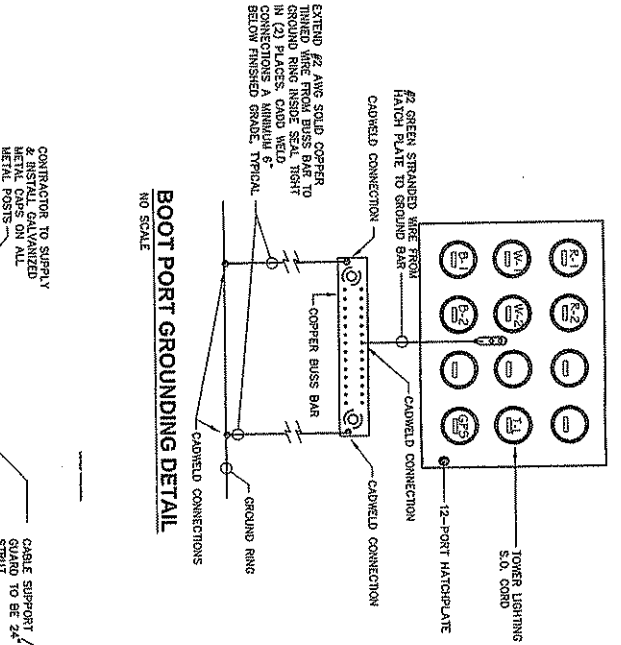
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
BEAR CREEK
4888 ALBANY RD. BURKESVILLE, KY. 42717

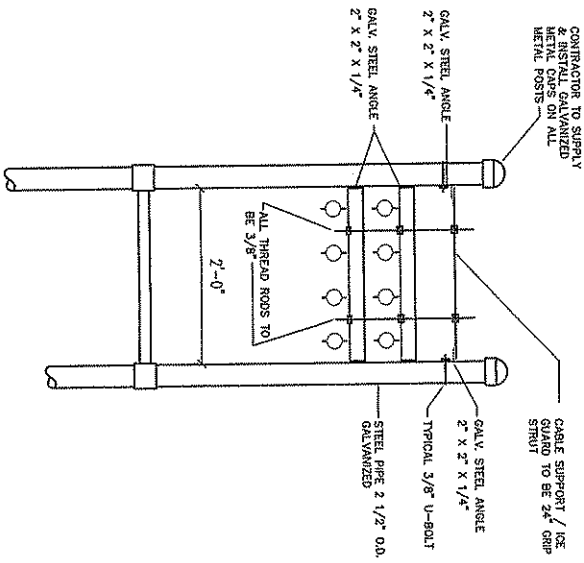
DRAWN BY:	R. BECKER
ISSUE DATE:	1-23-07
SCALE:	LISTED
SHEET NUMBER:	1
ANTENNA DETAILS	



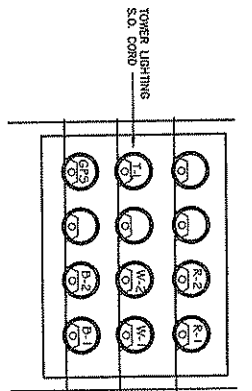
COLOR CODING DETAIL
NO SCALE



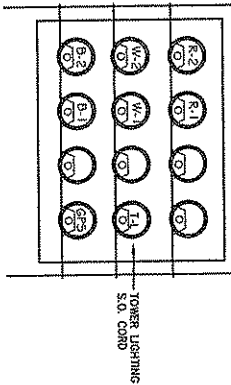
BOOT PORT GROUNDING DETAIL
NO SCALE



ICE BRIDGE / COAX SUPPORT DETAIL
NO SCALE




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

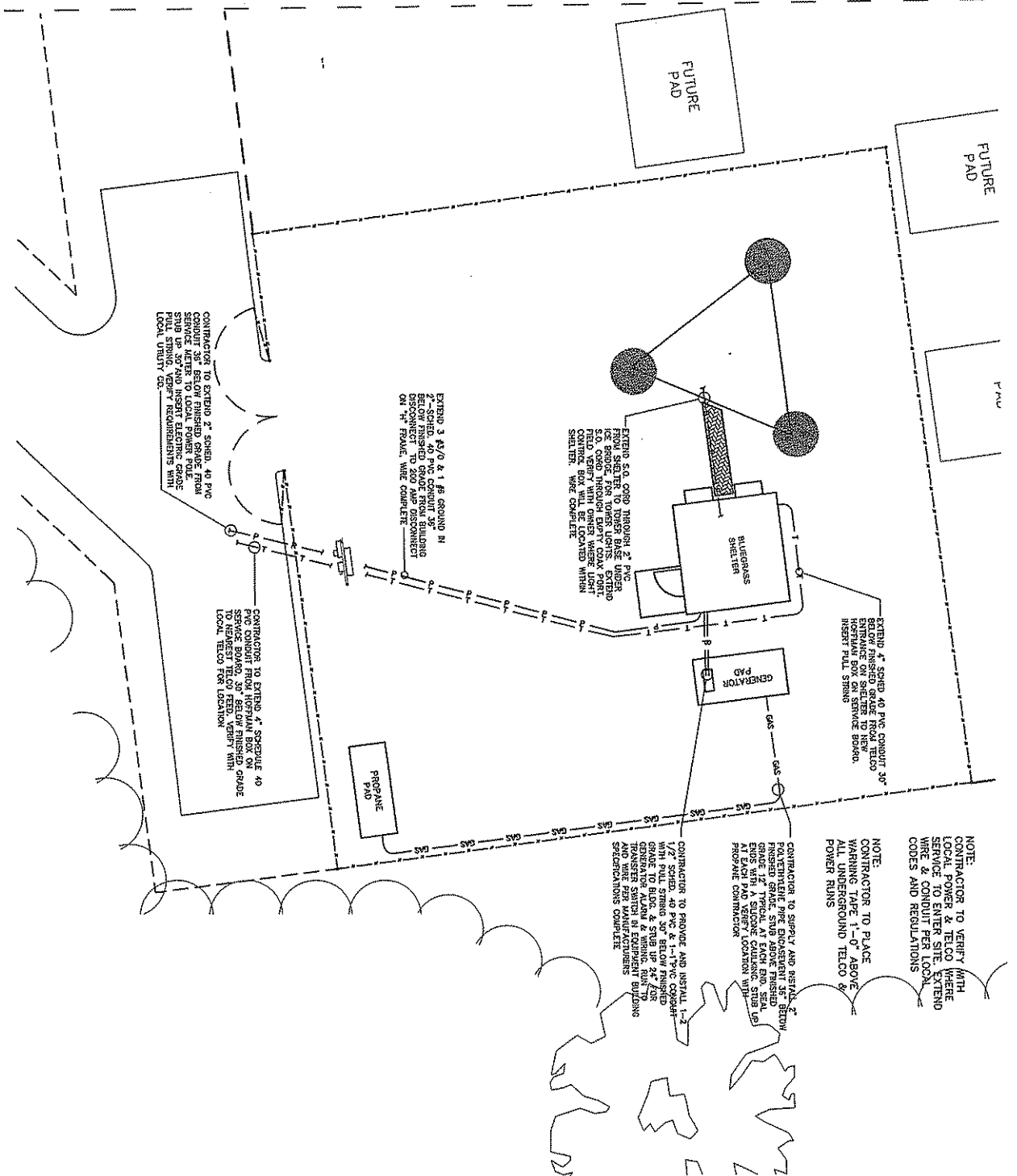


COAX ENTRY DETAIL AC SIDE (VIEW FROM INSIDE SHELTER)
NO SCALE

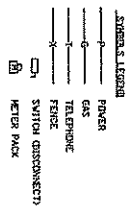
ANTENNA DETAILS 2	DRAWN BY: R. BECKER	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE BEAR CREEK 4888 ALBANY RD. BURKESVILLE, KY. 42717	NO.	DATE	REVISION
	ISSUE DATE: 1-23-07				
	SCALE: LISTED				



RAB
 6400 MURKOVY DRIVE LOUISVILLE, KY 40291
 (502) 251-1000 FAX (502) 251-0256

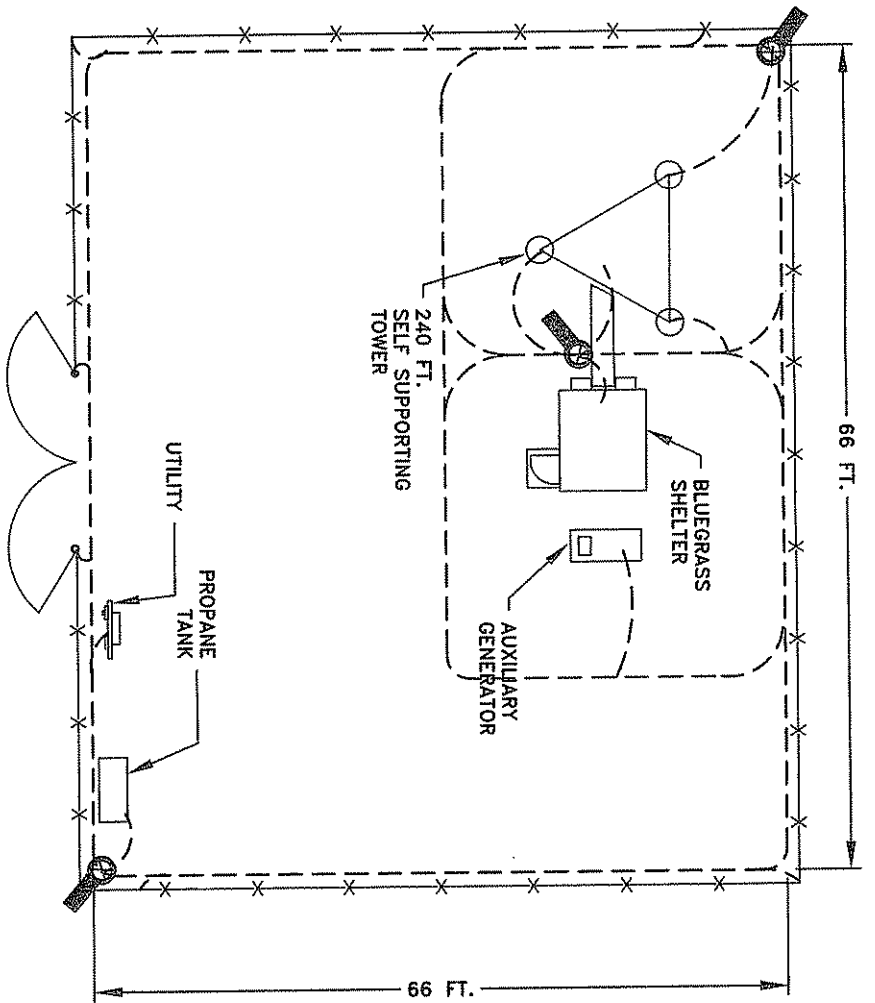
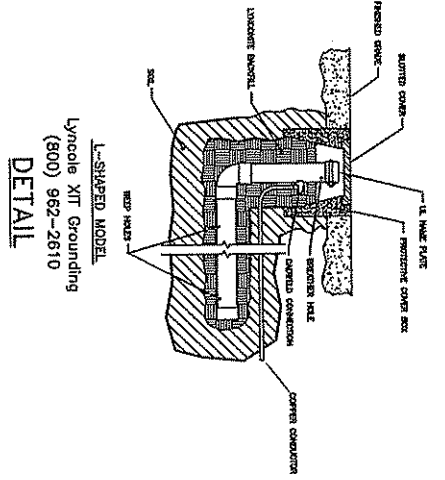


- GENERAL ELECTRICAL NOTES:
- 1) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
 - 2) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL TELEPHONE COMPANY FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
 - 3) GROUND RING TO BE CONTAINED WITH IN THE COMPOUNDS FENCED AREA.
 - 4) FENCE TO BE GROUNDED FROM GROUND RING TO ALL CORNER POSTS & GATES. SPACE FENCE GROUNDED APPROXIMATELY 20'-0" O/C. (GARD YIELD 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, PAINT, DIRT, ETC. TO CREATE A GOOD SURE 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 ENDING STAINLESS STEEL CONNECTIONS ARE REQUIRED AT EACH CONNECTING POINT USING LOCK WASHERS.
 - 9) CONTRACTOR RESPONSIBLE FOR SEEING THAT UTILITY PERSONNEL MAKE FINAL CONNECTIONS, MARKING 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.



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

	DRAWN BY: R. BECKER ISSUE DATE: 1-23-07 SCALE: LISTED	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE BEAR CREEK 4888 ALBANY RD. BURKESVILLE, KY. 42717	NO. DATE REVISION
	SHEET NUMBER: E-1	NO. DATE REVISION	NO. DATE REVISION



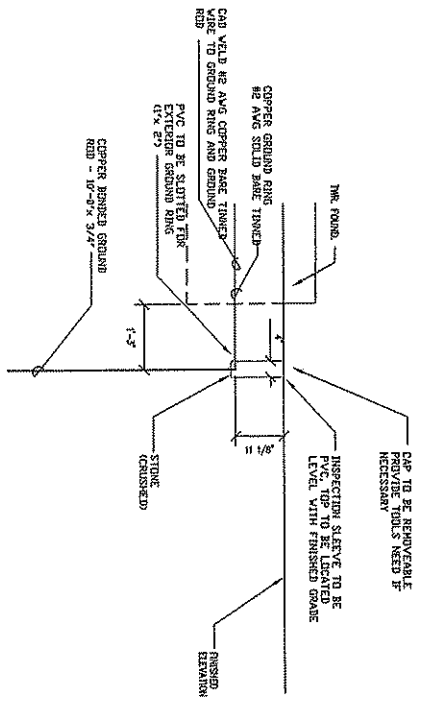
NOTES:

--- BARE #2 TINNED SOLID COPPER CONDUCTOR BURIED 30 IN. BELOW GRADE OR 6 IN. BELOW FROST LINE

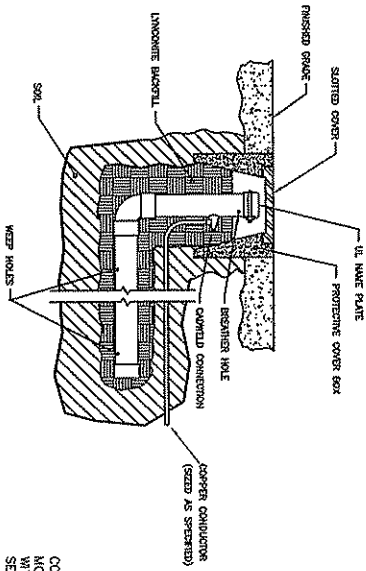
ALL BENDS IN GROUND CONDUCTOR TO BE MADE WITH MIN. 12 IN. RADIUS

KEL-10CS (SEE DETAIL)

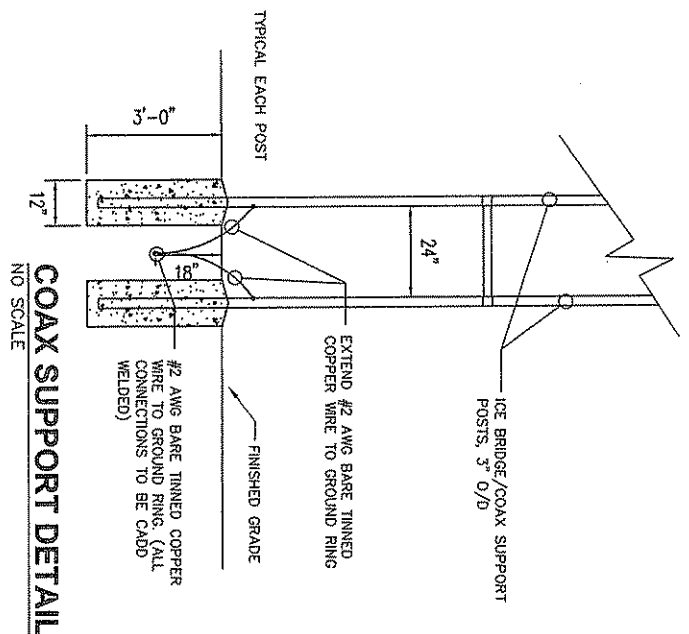
LYNCOLE		CLIENT / END USER BLUEGRASS CELLULAR	
TECHNICAL SERVICES		DRAWING PROJECT NAME Barr Creek	
3547 VINYAGER STREET, SUITE 204 TORRANCE, CA, 90503 (800)962-2610 FAX (310)214-1114 ENGINEERING@LYNCOLE.COM		LOCATION: CITY, STATE Burkesville, KY	
TITLE GROUNDING OPTION		DRAWN BY RFW	
CALCULATED RESISTANCE < 5 OHMS		APPROVED BY DATE 1/24/2007	
SOIL DATA PROVIDED BY TERRACON		REFERENCE NUMBER N/A	
		SCALE NONE	
		LTS NUMBER 070020	



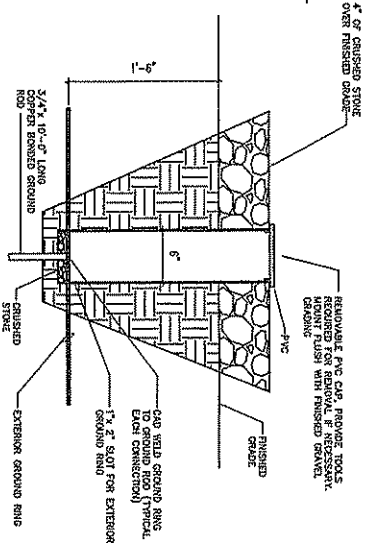
GROUND ROD DETAIL
NO SCALE



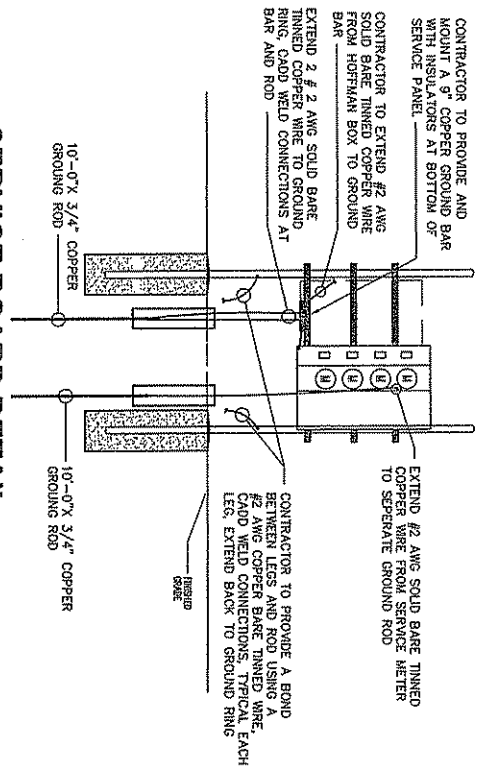
LYNCOLE XIT ROD DETAIL
NO SCALE



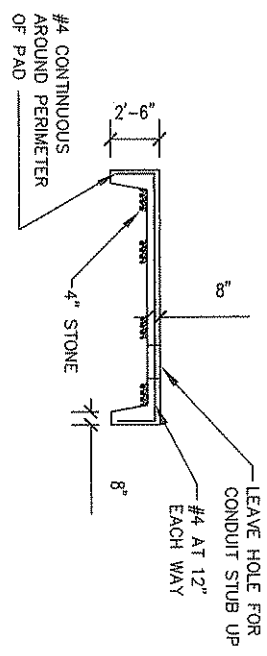
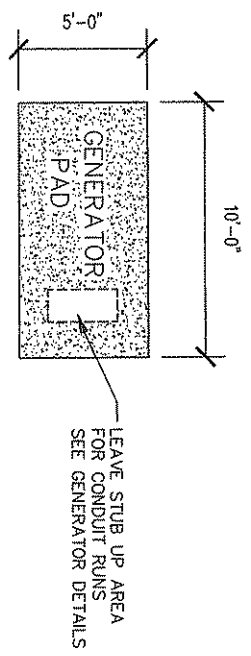
COAX SUPPORT DETAIL
NO SCALE



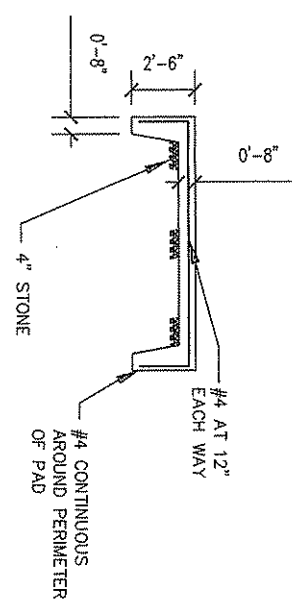
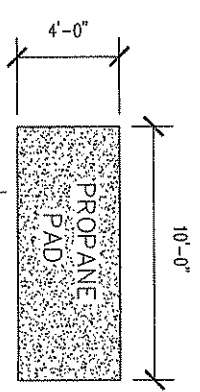
GROUND SLEEVE DETAIL
NO SCALE



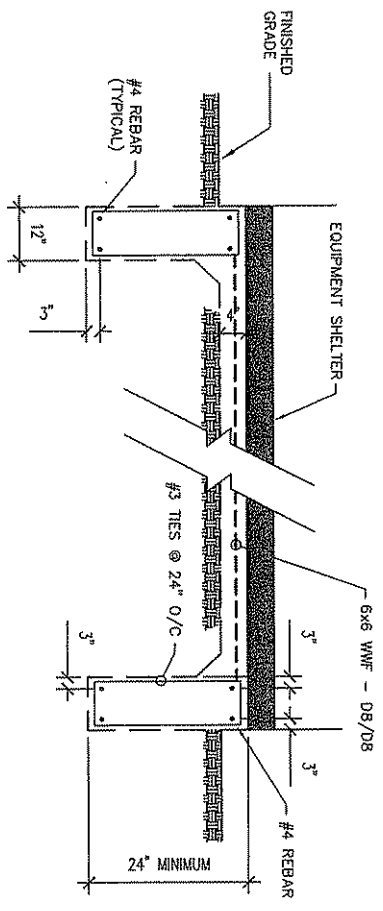
SERVICE BOARD DETAIL
NO SCALE



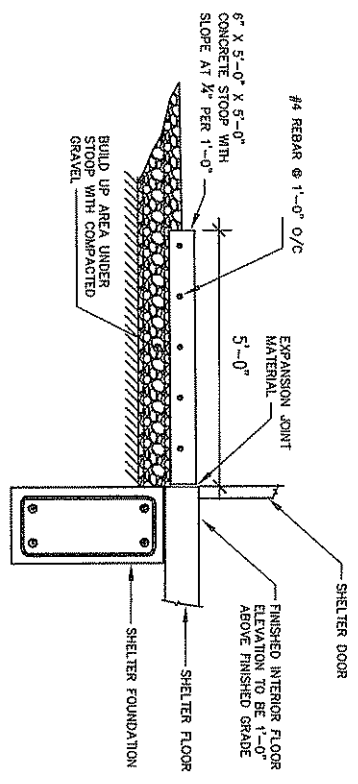
FOUNDATION DETAIL
NO SCALE



FOUNDATION DETAIL
NO SCALE



SHELTER FOUNDATION PLAN
NO SCALE



CONCRETE STOOP DETAIL
NO SCALE

DRAWN BY: R. BECKER ISSUE DATE: 1-23-07 SCALE: LISTED	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE BEAR CREEK 4888 ALBANY RD. BURKESVILLE, KY. 42717		NO. DATE REVISION
	<p> 1300 MERCURY DRIVE, LOUISVILLE, KY 40203 (502) 500 0127 Fax: (502) 221-2556 </p>		S-1

0G1407

REMOVE COVER FOR ACCESS TO RADIATOR FILL CAP

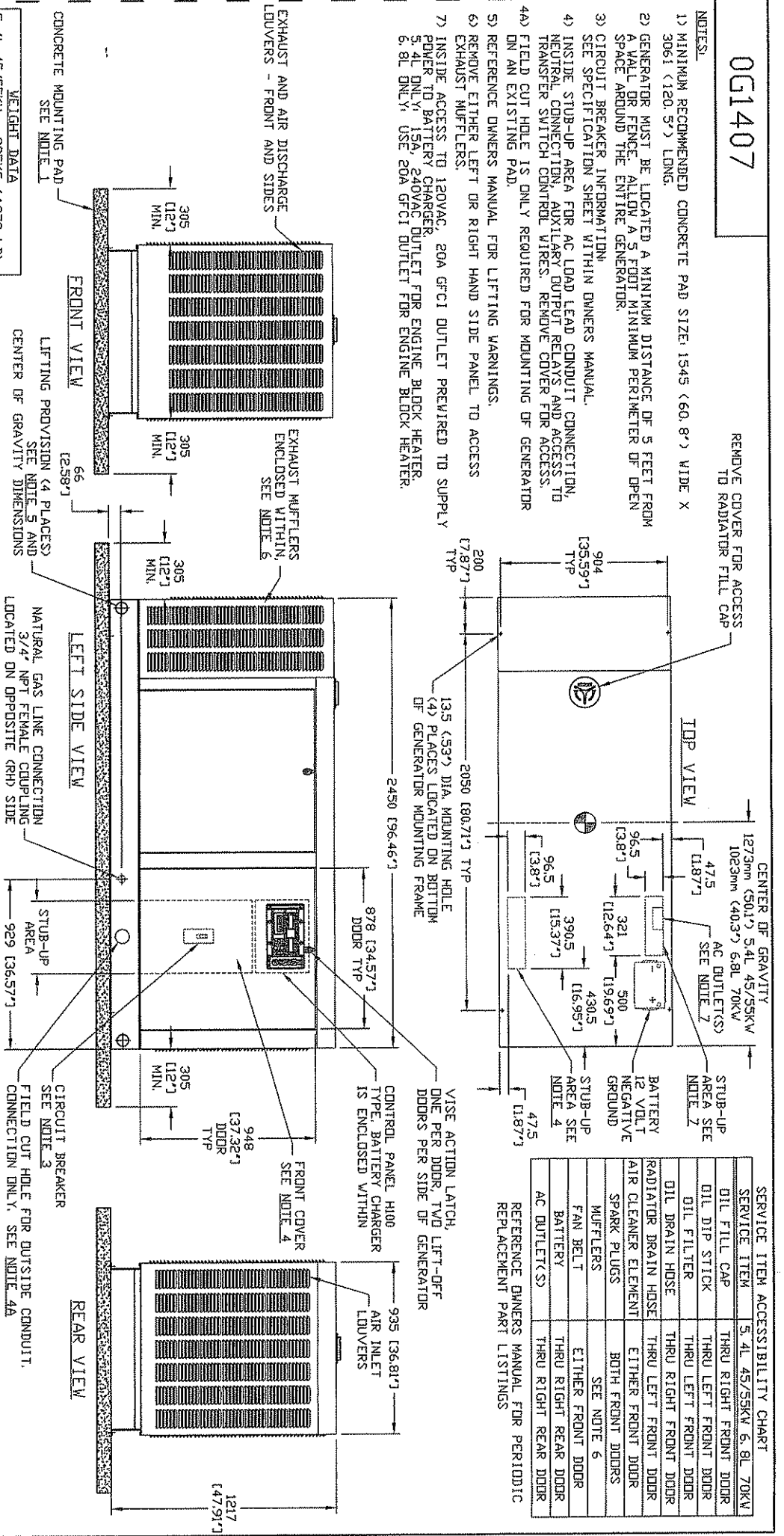
NOTES:

- 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: 15A, 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
DIL DIP STICK	THRU LEFT FRONT DOOR
DIL FILTER	THRU LEFT FRONT DOOR
OIL DRAIN HOSE	THRU RIGHT FRONT DOOR
RADIATOR DRAIN HOSE	THRU LEFT FRONT DOOR
AIR CLEANER ELEMENT	EITHER FRONT DOOR
SPARK PLUGS	BOTH FRONT DOORS
MUFFLERS	SEE NOTE 6
FAN BELT	EITHER FRONT DOOR
BATTERY	THRU RIGHT REAR DOOR
AC OUTLET(S)	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)

GENERATOR SHOULD BE COMPLETED BY THE BRANDS WHOSE IT IS REFERRED IN DRAWING AND MUST NOT BE USED FOR THE PURPOSES OUTSIDE OF THE GENERAL POWER SYSTEMS. © GENERAL POWER SYSTEMS (2011)

INSTALL DRAWING
5.4L/6.8L IND C3

GENERATOR POWER SYSTEMS
Waukesha
P.O. BOX 8
WAUKESHA, WIS. 53187

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

SIZE: B
REV: *

INSTALLATION DRAWING

GENERAL NOTES:

- 1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP, DELIVERY TO SITE, ERECTION OF TOWER, AND CRANE SET. ALL COSTS INCURRED.
- 2) THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE SITE PRIOR TO BIDDING AND REMOVING EXISTING STRUCTURES OR UTILITIES THAT MIGHT BE LOCATED ON OR AROUND THE COMPOUND THAT COULD INTERFERE.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL AUTHORITIES NECESSARY FOR INSPECTIONS IF REQUIRED. PLEASE PROVIDE AMPLIFIED NOTICE.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING. PLEASE PROVIDE AMPLIFIED NOTICE.
- 5) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH FINAL TEST RESULTS FOR 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 COMMENCING WORK. DISCREPANCIES OR CHANGES FOUND TO CONTRACT ARE TO BE CORRECTED BY THE CONTRACTOR.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE TOWER AND CONTACTING PROPER AUTHORITY IF ANY LIGHTING IS REQUIRED FOR THE TOWER. ALL LIGHTING IS TO BE MOUNTED ON TOWER AND NOT ON GROUND. NOTIFY OWNER WHEN TOWER HAS REACHED FINAL HEIGHT.
- 9) THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE WORK, MEASUREMENTS, RECORDS, AND REPORTS.
- 10) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE, AND PROVIDING SILT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY ROAD OFF.
- 11) THE CONTRACTOR IS RESPONSIBLE FOR ANY SEED AND STRAW NECESSARY TO DAMAGED AREAS.
- 12) CONTRACTOR TO GRADE ROAD AND REPAIR ANY POT HOLES OR DAMAGE TO EXISTING ROAD SURFACE. ALL WORK TO BE COMPLETED DURING CONSTRUCTION AT CONTRACTORS EXPENSE.

NOTE: UPON COMPLETION OF ALL CONSTRUCTION WORK, THE CONTRACTOR WILL BE RESPONSIBLE FOR SUBMITTING CLASSIFIED DOCUMENTATION ON DISK FORMAT ONLY, CONTAINING THE FOLLOWING CLOSE OUT DOCUMENTATION:

- ASBUILT CONSTRUCTION DRAWINGS
- SWEEP TEST
- GROUND TEST USING BLUEGRASS FORM
- ELECTRICAL COMPLIANCE CERTIFICATE (LEGIBLE COPY)
- BUILDING PERMIT
- SITE PHOTOS (ALL SIDES)
- PREFERRED BY DISK

"BEFORE YOU DIG"

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE UTILITY PROTECTION CENTER, PHONE 1-800-762-8007, WHICH HAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK. ALL EXCAVATION WORK AND GROUNDING TECHNIQUES PROVIDE A WARNING TAP 6" 12 INCHES BELOW GRADE.

GRADING & EXCAVATING NOTES:

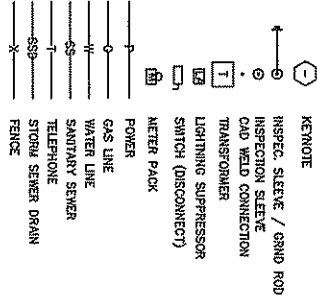
- 1) ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, ROADS AND PAVING AREAS TO BE REPAIRED OR REPLACED TO OWNERS SATISFACTION.
- 2) PREPARATION FOR FILL:
 - REMOVAL OF ALL DEBRIS, WET AND UNSATURATED SOIL, MATERIALS, TOP SOIL, VEGETATION, AND HAZARDOUS MATERIALS FROM SURFACE OF GROUND PRIOR TO PLOWING, STRIPING, PLOWING, OR GRADING.
 - FILL SHALL BE PLACED IN LAYERS OF 6" TO 8" MAXIMUM PROCTOR / UNSATURATED AREAS WHERE REQUIRED.
 - SHALL BE APPROVED MATERIALS CONSISTING OF SANDY CLAY, GRAVEL, AND SAND, SETTLE, EARTH OR LOAM. CONSULT WITH ENGINEER PRIOR TO FILL BEING ADDED.
- 3) BACK FILLING:
 - EXCAVATED AREA SHALL BE CLEARED FROM STONES OR CLDS OVER 2 1/2" MAXIMUM DIAMETER.
 - SHALL BE PLACED IN LAYERS OF 6" AND COMPACTED TO A 95% STANDARD PROCTOR.
 - FILL SHALL BE PLACED IN LAYERS OF 6" TO 8" MAXIMUM PROCTOR / UNSATURATED AREAS WHERE REQUIRED.
 - SHALL BE APPROVED MATERIALS CONSISTING OF SANDY CLAY, GRAVEL, AND SAND, SETTLE, EARTH OR LOAM. CONSULT WITH ENGINEER PRIOR TO FILL BEING ADDED.
- 4) ALL MATERIAL FOR FILL TO BE APPROVED BY ENGINEER AND CONTRACTING RESULTS TO BE TURNED OVER TO OWNER.
- 5) AFTER COMPLETION OF BELOW GRADE EXCAVATING AREA TO BE CLEARED AND CLEARED OF ANY UNSUITABLE MATERIALS, SUCH AS TRASH, DEBRIS, VEGETATION AND SO FORTH.
- 6) ANY EXCAVATING IN WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNPROCESSED SOIL AND BE FREE OF ANY LOOSE MATERIAL AND EXCESS GROUND WATER.
- 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 MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION TO BE FILL WITH SAND. CONTRACTOR TO PLEASE CONTACT OWNER & ENGINEER FOR RECOMMENDATIONS.
- 8) MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE CONSTRUCTION SHALL BE USED FOR STABILIZATION OF THE BOTTOM OF THE EXCAVATION. CRUSHED STONE MAY BE USED, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS. PLEASE CONTACT ENGINEER FOR RECOMMENDATIONS.


NOTE: GENERAL CONTRACTOR MUST HAVE A MINIMUM 2' LARGERS ON SITE DURING ANY PHASE OF PRECAUTIONS.

NOTE: THIS SCOPE OF WORK IS A BASIC OUTLINE FOR THE GENERAL CONTRACTOR TO FOLLOW AND DOES NOT EXCLUDE OTHER UTILITIES TO BE EXCAVATED OR REPAIRED. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK. ALL EXCAVATION WORK AND GROUNDING TECHNIQUES PROVIDE A WARNING TAP 6" 12 INCHES BELOW GRADE.

- INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.
- INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.
- EXCAVATION TO COMPOUND TO INCLUDE WEED CONTROL MAT.
- SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL (CONCRETE FOUNDATION)
- SET FIBERGLASS 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 HOOR--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 GROOMING 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 (EVAPAR) 502-267-6315
- TI CONDUIT WILL NEED TO BE PLACED FROM POLE TO BUILDING. (IF A MICROWAVE DISH 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 SEPARATE ALL MATERIALS & LABOR IN BID.
- 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

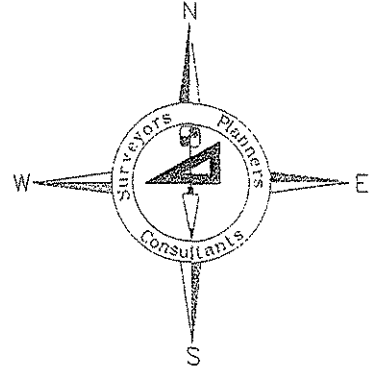
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
BEAR CREEK
 4888 ALBANY RD. BURKESVILLE, KY. 42717

DRAWN BY: R. BECKER
 ISSUE DATE: 1-23-07
 SCALE: LISTED

General Notes

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

Directions to the Site From the County Seat of Cumberland County, Kentucky

Bear Creek Site
Cumberland County, Kentucky

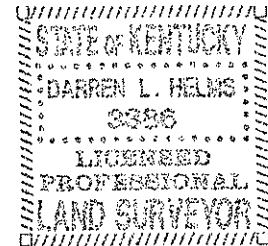
From the Cumberland County Courthouse in Burkesville, Kentucky: travel East on Kentucky Highway 90, crossing over the Cumberland River at 0.8 miles, 4.9 miles in all to a lane on the left or North side of the highway about 400 feet after crossing over Slate Creek; turn left onto the lane and travel Northerly about 0.2 miles, passing through a barn lot, to the tower site in a hayfield on a hillside. The address of the site is 4888 Albany Road, Burkesville, Kentucky 42717.

Darren L. Helms

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

Nov. 28, 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 9 day of August, 2006, by and between **Bernard J. Smith and Barbara S. Smith, husband and wife** whose address is **4870 Albany Road, Burkesville, KY 42717** (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 **Cumberland** 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.

Site Name: Bear Creek

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 2-9-08, (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.

Site Name: Bear Creek

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 Consideration.
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

Site Name: Bear Creek

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: Bear Creek

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: 4870 Albany Rd., Burkesville, KY 42717; 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 Cumberland 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: Bear Creek

2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of **Six Thousand Dollars and Zero Cents (\$6,000.00)** 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: Bear Creek

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: Bear Creek

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: Bear Creek

EXECUTION OF AGREEMENT(S)

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

Bernard J. Smith

Date: 8-8-06

Barbara S. Smith

Date: 8-8-06

Ron Smith

Date: 8-14-06

("Optionor(s)")

("Optionee")

By: Bernard J. and Barbara S. Smith
Property Owner(s)

By: Ron Smith
Authorized Representative

STATE OF KENTUCKY
COUNTY OF Cumberland

The foregoing instrument was acknowledged before me this 9 day of Aug, 2006,
by Bernard Smith to be his/her free act and deed.

Bill Mays Notary
NOTARY PUBLIC STATE AT LARGE
My commission expires: 6-14-08

Site Name: Bear Creek

STATE OF KENTUCKY
COUNTY OF Comberland

The foregoing instrument was acknowledged before me this 9 day of Aug, 2006,
by Barbara Smith to be his/her free act and deed.

Bill May NP
NOTARY PUBLIC STATE AT LARGE
My commission expires: 6-14-08

STATE OF Kentucky
COUNTY OF Hardin

The foregoing instrument was acknowledged before me this 14 day of August,
2006, by Ron Smith, to be his free act and deed.

Jack Vail
NOTARY PUBLIC STATE OF LARGE
My commission expires: 1-21-09

This instrument prepared by:

John Selent

John E. Selent

DINSMORE & SHOHL LLP

1400 PNC Plaza / 500 West Jefferson Street

Louisville, KY 40202

(502) 540-2300

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED
FEB 08 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 (BEAR CREEK) IN RURAL
SERVICE AREA #5 (CUMBERLAND) OF THE
COMMONWEALTH OF KENTUCKY**

CASE NO. 2007-0018

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.

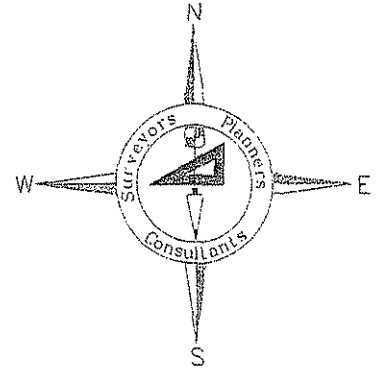
2. In order to demonstrate compliance with 807 KAR 5:063 §1(1)(l), Exhibit 1 identifies, with the exception of the individual identified in paragraph 4, the names of the residents/tenants and property owners within 500 feet of the proposed tower who have been: (i) notified by written notice of the proposed 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) Alvin and Janie Hardin; (2) Clarence Rush Estate C/O Hazel Rush; (3) Bruce Juanita McCarty; (4) Scarlett Anderson Hise; (5) Jeffery and Renee Spivey; and (6) Bernard and Barbara Smith. (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

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
Bear Creek Site
Cumberland County, Kentucky

Margie Shepherd
P.O. Box 457
Burkesville, KY 42717

Scarlett Anderson Hise
599 Carter Branch South
Burkesville, KY 42717

Alvin Hardin and Janie Hardin
4812 Albany Road
Burkesville, KY 42717

Jeffery Kyle Spivey and Renee K. Spivey
8395 Old State Road 37 North
Martinsville, IN 46151

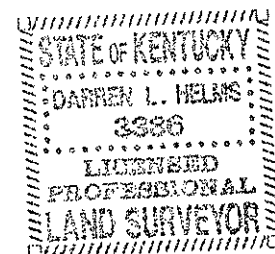
Clarence Rush Estate
c/o Hazel Rush
Bern Village
2701 Amhurst Blvd., Apt 2C
New Bern, NC 28562

Bernard J. Smith and Barbara S. Smith
4870 Albany Road
Burkesville, KY 42717

Bruce McCarty and Juana McCarty
4948 Albany Road
Burkesville, KY 42717

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

Nov 26, 2006
Date



January 12, 2007

Alvin and Janie Hardin
4812 Albany Road
Burkesville, Kentucky 42717

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 4888 Albany Road, Burkesville, Kentucky, 42717. 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 2007-00018 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)

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. <input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you. <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>Anita Cox</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Anita Cox</i> C. Date of Delivery <i>1-13-07</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>1. Article Addressed to: <i>Alvin & Janie Hardin 4812 Albany Rd. Burkesville, KY 42717</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><i>7005 1160 0000 2923 4334</i></p>

January 12, 2007

Clarence Rush Estate
C/O Hazel Rush
Bern Village
2701 Amhurst Boulevard, Apt. 2C
New Bern, North Carolina 28562

Public Notice

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<p>1. Article Addressed to:</p> <p><i>Clarence Rush estate C/O Hazel Rush Bern Village 2701 Amhurst Boulevard, Apt. 2C New Bern, N.C. 28562</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</p> <p>(Transfer from service label)</p>	<p>7005 1160 0000 2923 4327</p>

January 12, 2007

Bruce and Juana McCarty
4948 Albany Road
Burkesville, Kentucky 42717

Public Notice

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

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<p>1. Article Addressed to:</p> <p>Bruce and Juana McCarty 4948 Albany Road Burkesville, KY 42717</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</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>7005 1160 0000 2923 4310</p>

January 12, 2007

Scarlett Anderson Hise
599 Carter Branch South
Burkesville, Kentucky 42717

Public Notice

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<p>1. Article Addressed to:</p> <p><u>Scarlett Anderson Hise</u> <u>599 Carter Branch South</u> <u>Burkesville, KY 42717</u></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><u>7005 1160 0000 2923 4303</u></p>

January 12, 2007

Jeffery Kyle and Renee K. Spivey
8395 Old State Road 37 North
Martinsville, Indiana 46151

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 4888 Albany Road, Burkesville, Kentucky, 42717. A map showing the location is attached.

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

Please refer to case number 2007-00018 in your correspondence.

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1. Article Addressed to: Jeffery & Renee Spivey 8395 Old State Rd 37 N. Martinsville, IN 46151	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.
2. Article Number (Transfer from service label)	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

7005 1160 0000 2923 4297

January 12, 2007

Bernard J. and Barbara S. Smith
4870 Albany Road
Burkesville, Kentucky 42717

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.

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<p>1. Article Addressed to:</p> <p><i>Bernard & Barbara Smith 4870 Albany Rd. Burkesville, KY 42717</i></p>	<p>B. Received by (Printed Name) <i>Barbara Smith</i> C. Date of Delivery <i>1-16-07</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>2. Article Number (Transfer from service label)</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>

7005 1160 0000 2923 4280

January 12, 2007

Margie Shepherd
P.O. Box 457
Burkesville, Kentucky 42717

Public Notice

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

Please refer to case number 2007-00018 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)



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Status: Delivered

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Detailed Results:

- Delivered, January 16, 2007, 10:08 am, BURKESVILLE, KY 42717
- Notice Left, January 13, 2007, 7:13 am, BURKESVILLE, KY 42717
- Arrival at Pick-Up-Point, January 13, 2007, 7:13 am, BURKESVILLE, KY 42717
- Enroute, January 13, 2007, 12:15 am, ELIZABETHTOWN, KY 42701
- Enroute, January 12, 2007, 5:37 pm, LOUISVILLE, KY 40231
- Acceptance, January 12, 2007, 12:59 pm, LOUISVILLE, KY 40270

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Dinsmore & Shohl LLP
ATTORNEYS

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

January 12, 2007

Via Certified Mail

Cumberland County Judge Executive
600 Courthouse Square
Burkesville, Kentucky 42717

RE: Public Notice - Public Service Commission of Kentucky
Case No. 2007-00018

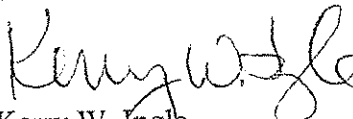
Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky (the Commission) for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #5 in Cumberland County. The facility will include a 240 ft. tower and an equipment shelter to be located at 4888 Albany Road, Burkesville, Kentucky, 42717. 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 2007-00018 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 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 type="checkbox"/> Agent <input type="checkbox"/> Address</p> <p><i>x Stacy J. Mackay</i></p>
<p>1. Article Addressed to:</p> <p>Cumberland County Judge Executive 600 Court House ⁸²⁶ Burkesville KY 42717</p>	<p>B. Received by (Printed Name) C. Date of Delivery</p> <p><i>Stacy J. Mackay</i> <i>1-22</i></p>
<p>2. Article Number (Transfer from service label)</p>	<p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p> <p><i>PO Box 826 42717-0826</i></p>
	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchant</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>7005 1160 0000 2923 4273</p>	

PUBLIC NOTICE

Cumberland Cellular Partnership,
proposes to
construct a cellular
communications

NOWAR

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

Cumberland Cellular Partnership
PO Box 2437
28382
Cumberland, NC 28701

Executive Director
Bob Payne Service Corporation
7181 West Boulevard
PO Box 576
Frankfort, KY 40612

Please refer to P.S.C.

Case #2007-00018

in your correspondence.

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	Executive Director
P.O. Box 5082	The Public Service Commission
2007 Niagara	701 State Bank Bldg
Evansville, NY 14270	P.O. Box 105
	Freshport, NY 14802

Please refer to P.S.C.

Case #2007-00018

in your correspondence.

Cumberland County News

P.O. Box 307 • Burkesville, KY 42717-0307 • (270) 864-3891

AFFIDAVIT OF PUBLICATION

State of Kentucky -- County of Cumberland -- City of Burkesville

I, Chris Garland, hereby certify that I am Advertising Manager of the Cumberland County News, that said newspaper has the largest bona fide circulation which is published in the City of Burkesville, Kentucky, County of Cumberland, and that said newspaper is the newspaper published in said county.

I certify that the attached clipping was published in said newspaper on the 18 day of January, 2007.


Description of Ad: 2x3 public notice for Cumberland Cellular Partnership

Page Number: A10


Representative

Sworn and subscribed before me this 19th day of January, 2007.

My commission expires: 7-26-10


Notary Public

(Seal of Notary)



...rd enjoying the evening.



Rain Rain Rain

The heavy rains Monday made a pond at the parking lot at Lifeline at Dr. Rice's office. *Photo by Danny Stilts, Jr.*



...ry Francis, having a good time.



NOTICE

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 (Bear Creek Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 4888 Albany Road, Burkesville, Kentucky, 42717. 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. 2007-00018 in your correspondence.

The Coleman Institute, LLC

Advanced Center for Addiction Treatment

1-877-KYBETOX

www.kentuckydetox.com

Get Clean and Stay Clean Off All Opiates

- Specializing in outpatient detoxification
- Offering a safe, effective & affordable opiate detox
- Providing Naltexone Implants

Cumberland County News

P.O. Box 307 • Burkesville, KY 42717-0307 • (270) 864-3891

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State of Kentucky -- County of Cumberland -- City of Burkesville

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I certify that the attached clipping was published in said newspaper on the 26 day of January, 2007.

Description of Ad: 2x3 Cumberland Cellular Partnership Notice

Page Number: pg. 8

Chris Garland
Representative

Sworn and subscribed before me this 26th day of January, 2007.

My commission expires: 7-26-10

Frances J. Perry
Notary Public

(Seal of Notary)

December marriages

Pamela J. McCauley and Albert F. Makiel, both of Hammond, Indiana.

Ashley Leeanne Medlin of Dubre and Shelley Glen Davis of Burkesville.

Nina Tamara Garrett and Buddy Jack Dyer, both of Burkesville.

Jennifer Sue Gore and Eric Alan Carver, both of Burkesville.

Sinda Lucille Hardin and Willie Archie Young, both of Burkesville.

Brandi Rhae Sewell and Marty Nicholas Walden, both of Burkesville.

Laminating Services Now Available!

.25 cents per inch
\$1.50 minimum
(9-inch maximum width)

*Cumberland
County News*

BUYING CEDAR LOGS

Buying by the foot or by the ton.

MILLER'S CEDAR MILL

Call Allen Miller
in Horse Cave, KY

270-786-4316

PLEASE LET RING

Posted Land Ads

run once a month and
cost \$15 per year.

Send to:

**Cumberland County News
PO Box 307**

Burkesville, KY 42717

NOTICE

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 (Bear Creek Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 4888 Albany Road, Burkesville, Kentucky, 42717. 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. 2007-00018 in your correspondence.

Mediacom

Important Rate Information for...

Marrowbone, KY

Mediacom provides the latest digital technology to deliver the best telecommunications services to your home. While we continue to take every measure to keep our costs under control, our operational and cable programming costs have risen sharply. Because of these increases, we now find it necessary to adjust some of the product and service rates commencing with the March 2007 billing statements. Changes are listed below.

Product and Services Price List Change*


	New Rate	Adjusted Cost
Cable Services		
Home Wire Maintenance Plan	\$3.95	\$2.55
Equipment Charges		
Standard Digital Converter w/ Remote (Does not include Guide, PPV Access, or Digital Music Choice) . . .	\$6.00	\$1.00
Base Digital Converter w/ Remote (Does not include Guide, PPV Access, or Digital Music Choice) . . .	\$6.00	\$4.00
DVR/HDTV Receiver w/ Remote (Does not include Guide, PPV Access, or Digital Music Choice) . . .	\$6.00	(-1.50)
HDTV Receiver w/ Remote	\$6.00	(-1.50)

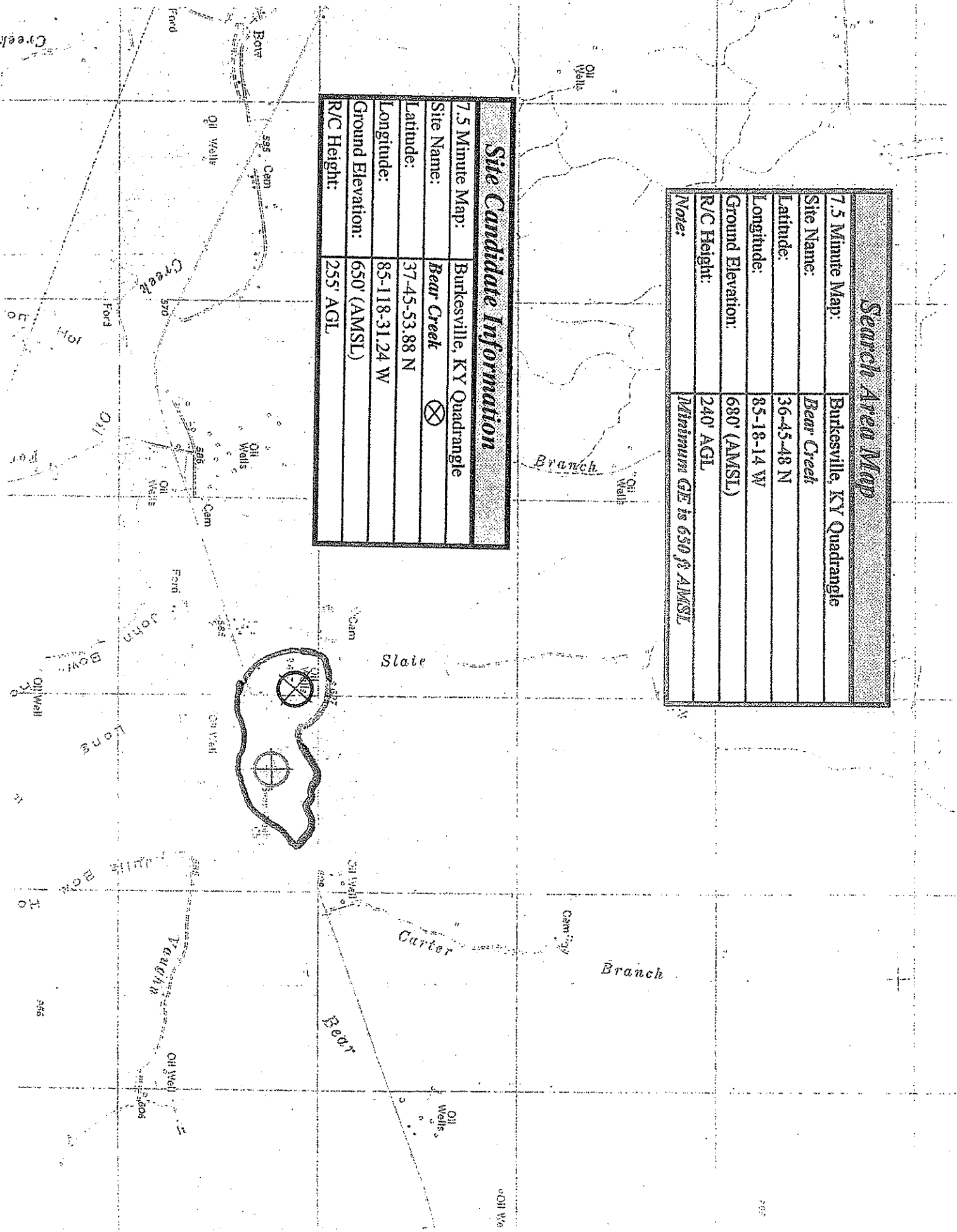
Digital Programming

Search Area Map

7.5 Minute Map:	Burkesville, KY Quadrangle
Site Name:	Bear Creek
Latitude:	36-45-48 N
Longitude:	85-18-14 W
Ground Elevation:	680' (AMSL)
R/C Height:	240' AGL
Note:	Minimum GE is 650' AMSL

Site Candidate Information

7.5 Minute Map:	Burkesville, KY Quadrangle
Site Name:	Bear Creek 
Latitude:	37-45-53.88 N
Longitude:	85-18-31.24 W
Ground Elevation:	650' (AMSL)
R/C Height:	255' AGL





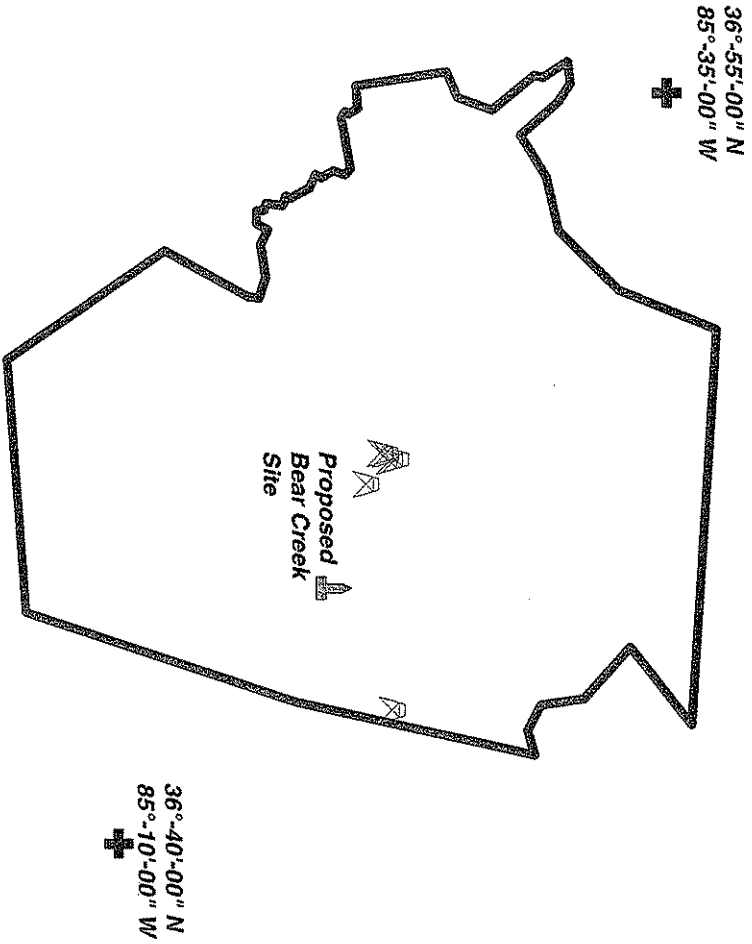
— Cumberland County Boundary

Ⓜ Wireless Tower Locations Registered with the FCC

Ⓜ Proposed Tower Location

⊕ Tick Marks

Prepared By: LNGS Engineering 01/17/2007



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

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1040490	36-47-11	85-23-2	Burkesville, KY	BLUEGRASS CELLULAR, INC.
1042229	36-47-19	85-23-0	Burkesville, KY	Global Tower, LLC
1044802	36-47-26	85-14-28	Burkesville, KY	KY EMERGENCY WARNING SYSTEM KEWS
1046918	36-47-26	85-22-47	Burkesville, KY	WKYR INC
1046919	36-46-47	85-22-0	Burkesville, KY	WKYR INC
1214215	36-47-35.2	85-22-49.8	Burkesville, KY	Mediacom Southeast LLC