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**PUBLIC SERVICE
COMMISSION**

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

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

CASE NO. 2007-00499

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

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 Sparksville 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 5:063 §1(1)(g), experienced personnel will manage and operate the Sparksville 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 Sparksville cell site will be a part. Bluegrass Cellular Inc. provides management services to Cumberland Cellular under a management contract, just as it does with three (3) other wireless carriers in the Commonwealth. And, Bluegrass Cellular Inc. has been providing these management services to these other wireless carriers for well over a decade. This extensive management experience with Bluegrass Cellular demonstrates that Bluegrass Cellular Inc.'s management and technical ability to supervise the operations of a wireless carrier.

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

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

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

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

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

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

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

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

15. Pursuant to 807 KAR 5:063 § 1 (1)(n), applicant’s legal counsel hereby affirms that the Office of the Adair 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 Adair 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 is Exhibit "I".

20. Pursuant to 807 KAR 5:063 § 1(1)(r), the cell site, which has been selected, is in a relatively undeveloped area in Breeding, 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
Holly C. Wallace
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 585-2207
john.selent@dinslaw.com
holly.wallace@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 Sparksville cell site; and
2. Granting all other relief as appropriate.

Respectfully submitted,



John E. Selent
Holly C. Wallace
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 540-2207
john.selent@dinslaw.com
holly.wallace@dinslaw.com

LUKAS, NACE, GUTIERREZ & SACHS

CHARTERED

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

WWW.FCCLAW.COM

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

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

*NOT ADMITTED IN VA

December 12, 2007

Telephone
(703) 584-8668

Via Federal Express

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

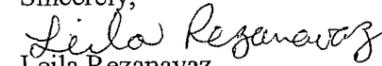
Dear Mr. Houlihan:

Enclosed please find two completed TC 56-50 forms, Application for Permit to Construct or Alter a Structure, for a new tower (Sparksville) near Breeding, 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 2-C survey report.

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

Sincerely,


Leila Rezanavaz
Consulting Engineer

Enclosures

CC: Doug Updegraff

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

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

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

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

9. Latitude: 36 ° 58 ' 11 " 83 "

10. Longitude: 85 ° 26 ' 0 " 60 "

11. Datum: NAD 83 NAD 27 Other

12. Nearest Kentucky City Breeding County: Adair

13. Nearest Kentucky public use or Military airport:
I96- Columbia- Adair Co. Airport

14. Distance from #13 to Structure: 9.3 miles

15. Direction from #13 to Structure: SSW

16. Site Elevation (AMSL): 1128 Feet

17. Total Structure Height (AGL): 255 Feet

18. Overall Height (#16 + #17) (AMSL): 1383 Feet

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

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

Site is located at:
330 Fire Dept. Lane
Breeding, KY 42715

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: New Construction Alteration Existing

4. Duration: Permanent Temporary (Months _____ Days _____)

5. Work Schedule: Start 2/10/08 End 2/15/08

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

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

8. FAA Aeronautical Study Number 2007-ASO-7028-0E

21. Description of Proposal:

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

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? No Yes, When 12/11/07

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 12/12/07
Printed Name Signature Date

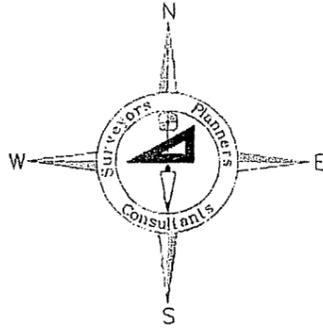
PENALTIES: Persons failing to comply with Kentucky Revised Statutes (KRS 183.861 through 183.990) and Kentucky Administrative Regulations (602 KAR 050: Series) are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Non-compliance with Federal Aviation Administration Regulations may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

Commission Action: Chairman, KAZC Administrator, KAZC

Approved Disapproved _____ Date _____

Landmark Surveying Co., Inc.

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



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

2C Certification

November 30, 2007

Designation: Sparksville
Site ID No.: Not Available
Tower Type: Proposed Self-Support Tower
Location: 330 Fire Dept Ln, Breeding, Kentucky 42715

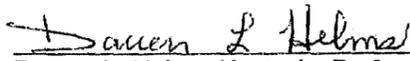
I certify that the latitude, longitude, ground elevation and height of the proposed self-support tower are as follows:

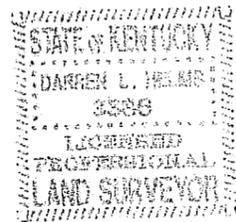
Latitude:	36 degrees 58 minutes 11.83 seconds North	(NAD 1983)
Longitude:	85 degrees 26 minutes 00.60 seconds West	(NAD 1983)
Ground Elevation:	1,127.7 feet or 343.72 meters	(NAVD 1988)
Proposed Structure Height:	240 feet or 73.2 meters	(above ground level)
Proposed Overall Structure Height:	not available	(above ground level)

The accuracy of the latitude and longitude of the proposed self-support tower is ± 50 feet or ± 15 meters. The ground elevation and structure height are accurate to within ± 20 feet or ± 6 meters.

The information shown above is based upon field observations made on August 29, 2007 using the National Geodetic Survey monument "BREEDING" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). The field observations were completed using Sokkia GPS receivers and a Topcon GPT-8005A robotic total station. Geodetic computations were completed using Sokkia's Locus software and Autodesk Land Desktop 2007 software.

Landmark Surveying Co., Inc.


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



Notice of Proposed Construction or Alteration (7460-1)

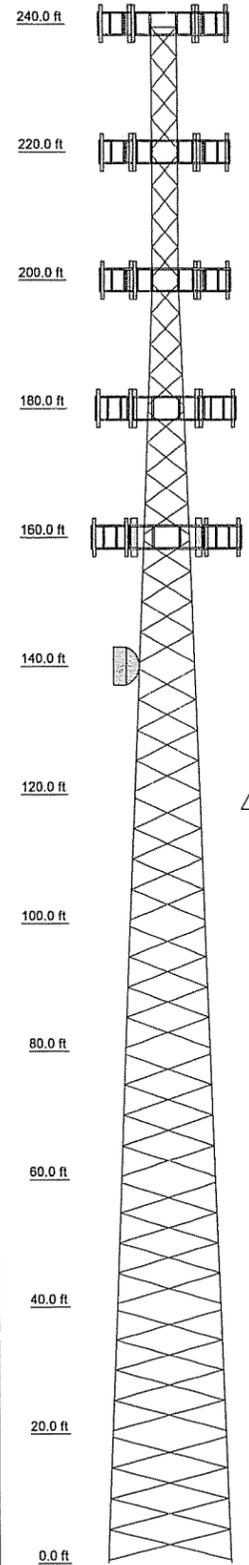
Project Name: BLUEG-000084127-07 Sponsor: Bluegrass Cellular, Inc.

Details for Case : Sparksville

Show Project Summary

Case Status		Date Accepted: 12/11/2007	
ASN: 2007-ASO-7028-OE		Date Determined:	
Status: Accepted		Letters: None	
Construction / Alteration Information		Structure Summary	
Notice Of: Construction		Structure Type: Antenna Tower	
Duration: Permanent		Structure Name: Sparksville	
if Temporary : Months: Days:		FCC Number:	
Work Schedule - Start: 02/10/2008		Prior ASN:	
Work Schedule - End: 02/15/2008			
State Filing: Filed with State			
Structure Details		Common Frequency Bands	
Latitude: 36° 58' 11.83" N		Low Freq	High Freq
Longitude: 85° 26' 0.6" W		824	849
Horizontal Datum: NAD83		851	866
Site Elevation (SE): 1128 (nearest foot)		869	894
Structure Height (AGL): 255 (nearest foot)		Freq Unit	ERP
Marking/Lighting: Dual-red and medium intensity		MHz	500
Other :		MHz	500
Nearest City: Breeding		MHz	500
Nearest State: Kentucky			
Description of Location: 330 Fire Dept Lane Breeding, KY 42715		Specific Frequencies	
Description of Proposal: Tower with top-mounted antennas for overall height of 255' AGL.			

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 3/4	SR 3 3/4	SR 3 3/4	SR 4	SR 4
Leg Grade	L1 3/4x1 3/4x3/16											
Diagonals	L2 2x3x1/16											
Diagonal Grade	A572-50											
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)	1.2	1.4	1.6	1.8	2.0	2.5	2.9	3.0	3.6	3.7	4.6	5.2
Weight (K)	0.9											



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

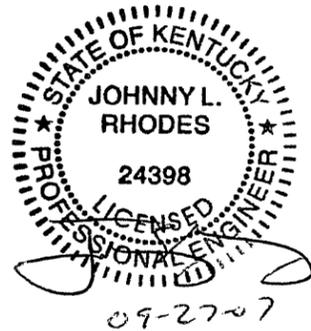
TOWER DESIGN NOTES

- 1 Tower is located in Adair County, Kentucky.
- 2 Tower designed for Exposure B to the TIA-222-G Standard
- 3 Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
- 4 Deflections are based upon a 60 mph wind.
- 5 Tower designed as Structure Class I
- 6 Tower designed as Topo Category 3 w/ Crest Height of 100 ft
- 7 In no case shall more than (6) lines be exposed to wind. Feedlines may be stacked in up to (2) rows on the inside and outside face of the tower.
- 8 Final Design 10/16/06 JLR

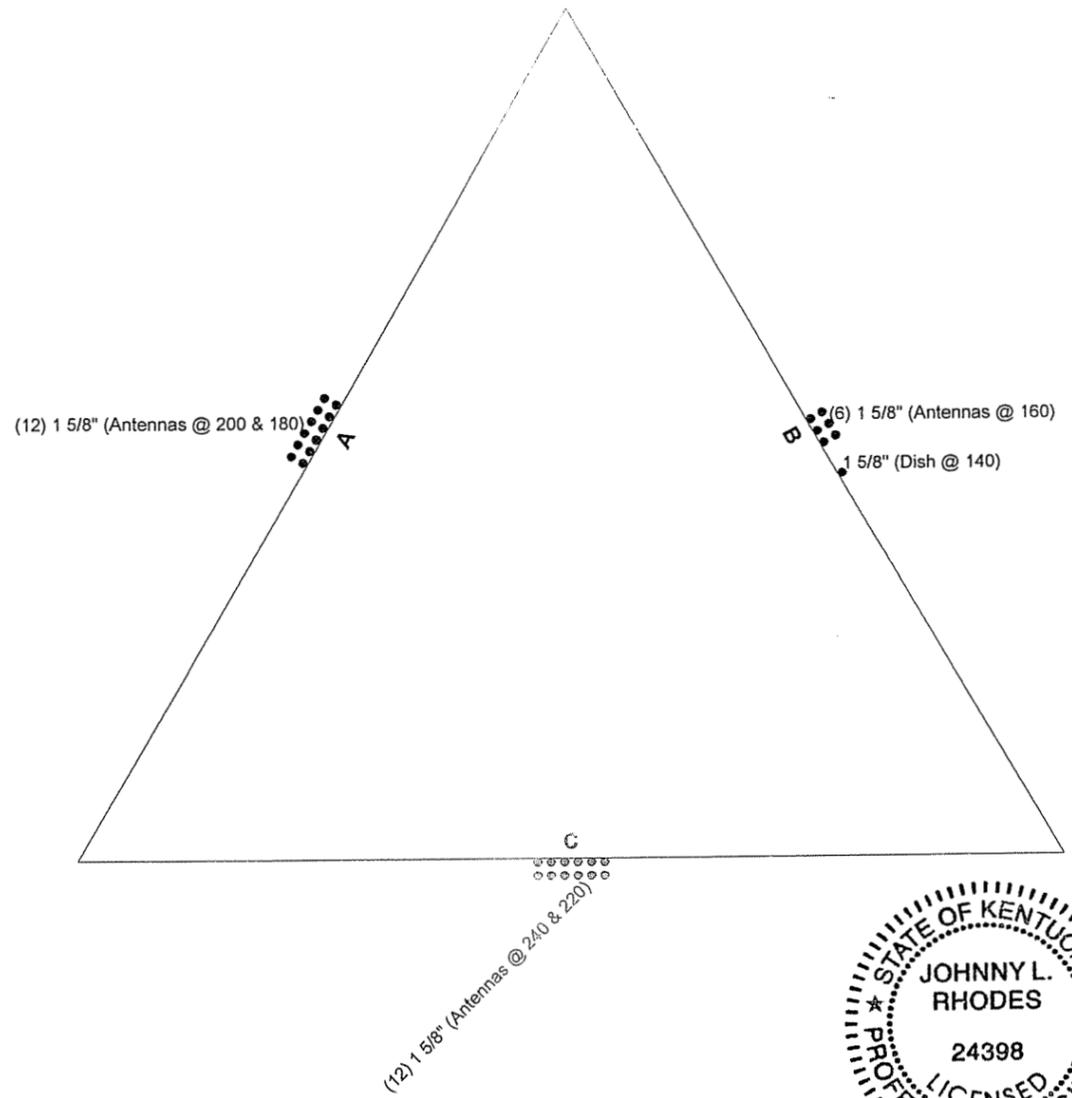
MAX CORNER REACTIONS AT BASE:

DOWN 397 K
 UPLIFT -349 K
 SHEAR 29 K

AXIAL 53 K
 MOMENT 6241 kip-ft
 SHEAR 51 K
 TORQUE 6 kip-ft
 REACTIONS - 90 mph WIND



Eastpointe Engineering Group, LLC 4020 Tull Ave. Muskogee, OK 74403 Phone: 918.683.2139 FAX: 918.682.7618	Job: EII Job #2672--Sparksville, KY
	Project: 240' SST/Adair County, KY
	Client: Bluegrass Cellular Drawn by: Johnny L. Rhodes, P.E. App'd:
	Code: TIA-222-G Date: 09/27/07 Scale: N
	Path: D:\Projects\240' SST\240' SST.dwg Dwg No: 1



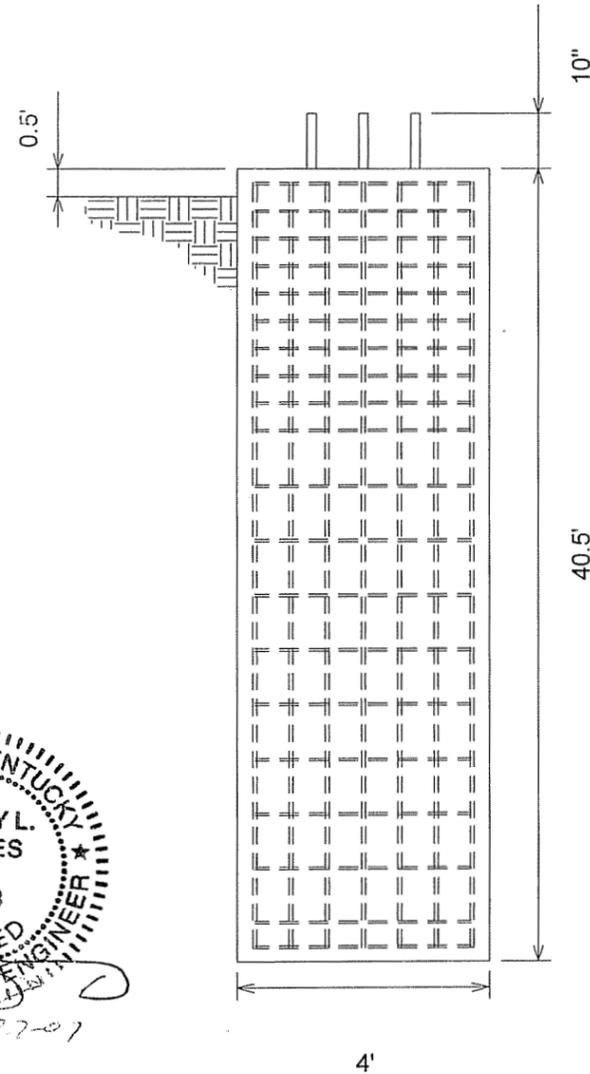
STATE OF KENTUCKY
JOHNNY L. RHODES
24398
LICENSED PROFESSIONAL ENGINEER

[Signature]
09-27-07

Eastpointe Engineering Group, LLC 4020 Tull Ave. Muskogee, OK 74403 Phone: 918.683.2169 FAX: 918.682.7618	Job: EII Job #2672--Sparksville, KY		
	Project: 240' SST/Adair County, KY		
	Client: Bluegrass Cellular	Drawn by: Johnny L. Rhodes, P.E.	App'd:
	Code: TIA-222-G	Date: 09/27/07	Scale: N
	Path:		Dwg No

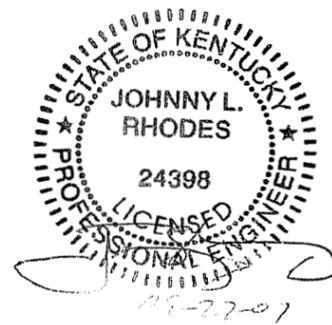
CAISSON DESIGN

Vertical Bars	(16) #9 bars, 40' 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 #57077356 Dated 09/17/07.
Use (6) 1 1/2" x 72" 50ksi anchor bolts

EASTPOINTE ENGINEERING GROUP, LLC 4020 Tull Ave. Muskogee, OK 74403--Phone 918.683.2169--Fax:918 682.7618	Client: Bluegrass Cellular	
	Site: Sparksville	
	Job: 2672	Drawn by: JLR
	Scale: NTS	Date: 09/27/07

GEOTECHNICAL ENGINEERING REPORT
PROPOSED SPARKSVILLE TELECOMMUNICATION TOWER
290 FIRE DEPARTMENT LANE
BREEDING, ADAIR COUNTY, KENTUCKY

TERRACON PROJECT NO.: 57077356
September 17, 2007

Prepared For:

BLUEGRASS CELLULAR PARTNERSHIP
Elizabethtown, Kentucky

Prepared by:

Terracon
Louisville, Kentucky

Terracon

September 17, 2007

Bluegrass Cellular Partnership
2902 Ring Road
Elizabethtown, Kentucky 42702

Attention: Mr. Doug Updegraff

**Re: Geotechnical Engineering Report
Proposed Sparksville Telecommunication Tower
290 Fire Department Lane
Breeding, Adair County, Kentucky
Terracon Project No. 57077356**

Terracon
Consulting Engineers & Scientists

5217 Linbar Drive, #309
Nashville, Tennessee 37211
Phone 615.333.6444
Fax 615.333.6443
www.terracon.com

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



Shaikh Z. Rahman, EIT.
Staff Engineer

n:\projects\2006\towers\57077356\geo57077356.doc

Attachments: Geotechnical Engineering Report

Copies: (4) Addressee

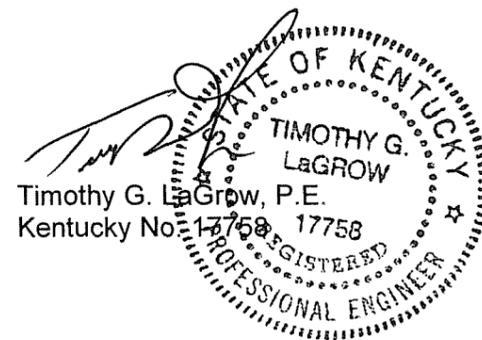


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 General Notes

 Unified Soil Classification System

GEOTECHNICAL ENGINEERING REPORT

**PROPOSED SPARKSVILLE TELECOMMUNICATION TOWER
290 FIRE DEPARTMENT LANE
BREEDING, ADAIR COUNTY, KENTUCKY
TERRACON PROJECT NO.: 57077356
September 17, 2007**

1.0 INTRODUCTION

The purpose of this report is to describe the subsurface conditions encountered in the borings, analyze and evaluate the test data, and provide recommendations regarding the design and construction of foundations and earthwork for the proposed tower. One (1) boring extending to a depth of about 50 feet below the existing ground surface was drilled at the site. An offset boring was drilled to collect an undisturbed tube sample. Individual boring logs 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 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. At the time of the site visit, a portion of the property was a relatively level paved area adjacent to a water tank and fire station. The remaining portion of the site was gently sloping and covered with short grass and weeds. Existing grades at the site were not available as of this writing. Based on visual observations, minimal cut/fill is anticipated at the tower with possibly 2 to 5 feet of fill necessary at the lower end of the site.

3.0 EXPLORATION PROCEDURES

3.1 Field Exploration

The subsurface exploration consisted of drilling and sampling one boring at the site to a depth of about 50 feet below existing grade. The boring was advanced at the center of the tower, staked by the project surveyor. An offset boring was drilled to collect an undisturbed tube sample. Ground surface elevations were not available at the time of this report and have been omitted from the boring logs. The locations of the borings should be considered accurate only to the degree implied by the means and methods used to define them.

The borings were drilled with a truck-mounted rotary drill rig using hollow stem augers to advance the borehole. Representative soil samples were obtained by both the split-barrel and thin-walled tube sampling procedures 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. In the thin-walled tube sampling procedure, a thin-walled, seamless steel tube with a sharp cutting edge is pushed hydraulically into the soil to obtain a relatively undisturbed sample of cohesive or moderately cohesive soil. The sampling depths, penetration distance, and SPT N-Values are shown on the boring logs. The samples were sealed and delivered to the laboratory for testing and classification.

Field logs of the borings were prepared by a subcontract driller. These logs 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 logs included with this report represent 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. A representative sample of cohesive soil, which was obtained by the thin-walled tube sampling procedure, was tested for unconfined compressive strength, water content and density. 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 logs at the appropriate horizon.

4.0 EXPLORATORY FINDINGS

4.1 Subsurface Conditions

Conditions encountered at the boring locations are indicated on the boring logs. Stratification boundaries on the boring logs represent the approximate location of changes

in soil types and the transition between materials may be gradual. Water levels shown on the boring logs represent the conditions only at the time of our exploration. Based on the results of the borings, subsurface conditions on the project site can be generalized as follows.

Beneath about 0.7 foot of asphalt, the boring encountered existing fill consisting of lean to fat clay (CL/CH) with trace of topsoil and sandstone to a depth of about 20 feet below grade. Beneath the fill, native fat clays (CH) were encountered extending to boring termination at about 50 feet below grade. The fill exhibited a stiff to very stiff consistency based on standard penetration test (N) values in the range of about 12 to 24 blows per foot and unconfined compressive strength of about 5,645 psf. The underlying natural clays exhibited a stiff consistency based on N-values in the range of about 7 to 11 bpf.

4.2 Site Geology

A review of the Geologic Map of Breeding Quadrangle, Kentucky (dated 1964), published by the United States Geological Survey (USGS) indicates that the site is underlain by the Saint Louis Limestone formation, which consists of limestone, claystone, siltstone, and sandstone. The Saint Louis Limestone is greater than 100-feet in thickness.

It should be noted that the site is underlain by a limestone formation that is highly susceptible to dissolution along joints and bedding planes in the rock mass. This results in voids and solution channels within the rock strata and a highly irregular bedrock surface. The weathering of the bedrock and subsequent collapse or erosion of the overburden into these openings results in what is referred to as a karst topography. Any construction in karst topography is accompanied by some degree of risk for future internal soil erosion and ground subsidence that could affect the stability of the proposed structures. Our review of the available topographic and geologic mapping did not note any sinkholes on or around the site, or within a 1 mile radius of the property. Furthermore, the borings drilled at the site did not disclose any obvious signs of impending overburden collapse.

4.3 Groundwater Conditions

Groundwater was not observed in the borings during or immediately after completion of drilling operations. At the time the borings were drilled, the groundwater table at the boring locations was apparently below the maximum drilling depth. However, fluctuations in the groundwater table can occur and perched water can develop over low permeability soil or rock strata following periods of heavy or prolonged precipitation. This possibility should be considered when developing plans and specifications for the project. Long term monitoring in cased holes or piezometers would be necessary to accurately evaluate the potential range of groundwater conditions on the site.

5.0 ENGINEERING RECOMMENDATIONS

Based on the encountered subsurface conditions, the tower can be constructed on drilled piers. Due to the presence of existing fill, a mat foundation may undergo excessive settlement and therefore is not recommended for this site. The lightly loaded equipment building can be supported on shallow spread footings; however, remedial measures will be required to address the existing fill. 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 1 - Drilled Pier Foundation Design Parameters

Depth * (feet)	Description **	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Internal Angle of Friction (Degree)	Cohesion (psf)	Lateral Subgrade Modulus (pci)	Strain, &sub50 (in/in)
0 - 3	Asphalt and Fill	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 20	Fill - Lean to Fat Clay	375	Ignore	1,000	0	1,000	80	0.009
20 - 50	Fat Clay	375	2,500	1,000	0	1,000	80	0.009

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

** A total unit weight of 120 pcf can be estimated for the fill and fat clays, respectively.

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 types. These values should, therefore, be considered approximate. 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 1 inch.

The upper 3 feet of topsoil and existing fill 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, we recommend that drawings instruct the contractor to notify the engineer if subsurface conditions significantly different than those encountered in the boring are disclosed during the drilled pier installations. 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 excavations.

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

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

5.2 Equipment Building Foundations

Due to the presence of existing fill, it will be imperative that the equipment building area be proofrolled with heavy construction equipment in the presence of a geotechnical engineer or his representative. Any soft/weak areas delineated by the proofroll observation should be undercut and replaced by approved engineered fill.

Furthermore, we recommend that footing excavations be observed by a qualified geotechnical engineer or his representative. At that time, the engineer may conduct hand auger borings or probings to evaluate the subsurface materials. Based on these evaluations, the engineer may recommend that footings be undercut to remove any unsuitable soils observed. Any areas undercut can be backfilled at the direction of the geotechnical engineer.

Support of footings, floor and slabs above existing fill soils is discussed in the following paragraphs. However, even with the recommended construction testing, there is a risk for the owner that unsuitable material within or buried by the fill will not be discovered. This risk cannot be eliminated without removing the fill, but can be minimized by thorough exploration and testing. The amount and depth of exploration should be field determined at the time of observation.

The proposed equipment shed may be supported on shallow footings bearing on stiff existing fill soils. The equipment building foundations should be dimensioned using a net allowable soil bearing pressure of 1,500 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. The foundation settlement will depend upon the variations within the subsurface soil profile, the structural loading conditions, the embedment depth of the footings, the thickness of existing and compacted fill, and the quality of the earthwork operations. Because of the uncertainties associated with the existing fill, Terracon can not accurately estimate settlements under the above design scenario. If site preparation and foundation observation services are conducted as outlined in this report, we would anticipate foundation settlements to be less than 1 inch. Differential settlements of 2/3 to 3/4 of total settlement can be expected. 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 not recommended for re-use as fill due to their high plasticity. 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.

5.5 Resistivity Analysis

Resistivity of the subsurface soils was measured at the site using a Nilsson Model 400 soil resistivity meter. The Wenner Vertical Profiling Method was used. With this array, potential electrodes are centered on a traverse line between the current electrodes and an equal "A" spacing between electrodes is maintained. Resistivity measurements were taken along 2 traverses located along the perimeter of the staked tower compound. Individual resistivity values at 5, 10, 15, 20, 30 and 40 foot spacings are presented on the soil resistivity test sheet in the Appendix.

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.

Proposed Sparksville Telecommunication Tower
Breeding, Adair County, Kentucky
Terracon Project No.: 57077356
September 17, 2007

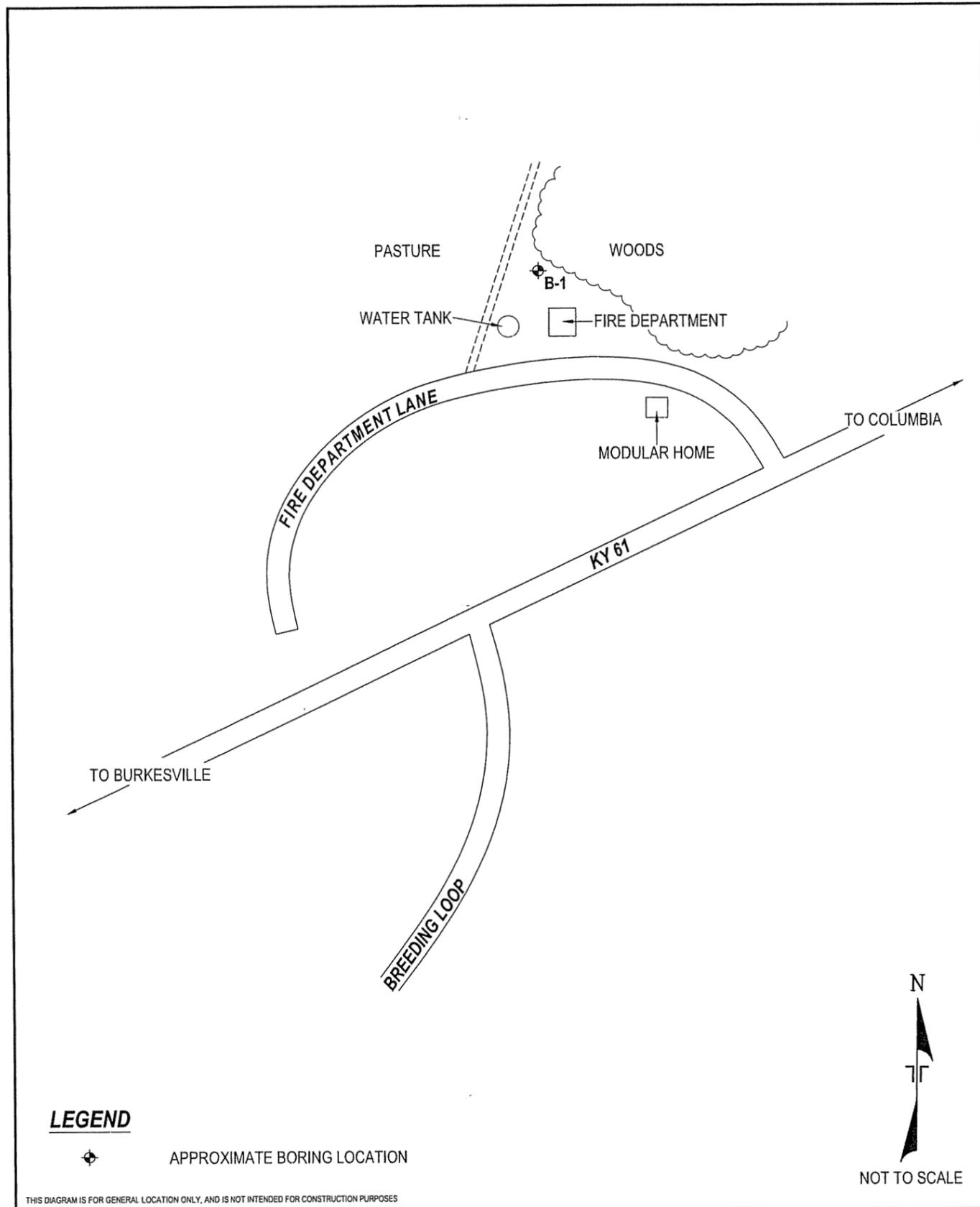


The scope of services for this project does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential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

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

APPENDIX

Terracon



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

Project Mgr:	TMH	Project No.	57077356	 Terracon Consulting Engineers and Scientists 4545 Bishop Lane, Suite 101 Louisville, KY 40218 (502) 456-1256 (502) 456-1276	BORING LOCATION DIAGRAM GEOTECHNICAL ENGINEERING REPORT SPARKSVILLE TELECOMMUNICATION TOWER 290 FIRE DEPARTMENT LANE BREEDING, KY	FIG. No.
Drawn By:	DWD	Scale:	AS SHOWN		1	
Checked By:	TMH/MRF	File No.	GEO57077356-1			
Approved By:	EH	Date:	SEPT. 2007			

LOG OF BORING NO. B-1

CLIENT	Bluegrass Cellular Partnership
SITE	290 Fire Department Lane Breeding, Kentucky
PROJECT	Proposed 240' Self-Supporting Tower Sparksville Site

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	SAMPLES					TESTS				
			USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	ATTERBERG LIMITS	
	ASPHALT FILL: LEAN TO FAT CLAY reddish brown to gray, stiff to very stiff	0.7	CL	1	SS	14	15	26				
			CH									
			CL	2	SS	16	24	25				
			CH									
			CL	3	SS	14	17	27				
			CH									
			CL	4	SS	16	12	36				
			CH									
			CL	5	SS	16	12	21				
			CH									
		sandstone fragments & trace topsoil at 20 ft.		CL	6	SS	10	14	19			
		FAT CLAY olive to brown to red, medium stiff to stiff	20	CH								
			CH	7	SS	0	11					
			CH	8	SS	18	7	36				
			CH	9	SS	12	8	33				
			CH	10	SS	10	7	35				
			CH	11	SS	6	10	32				
			CH	12	SS	10	9	32				
	BORING TERMINATED	50										

LL=76
PL=25
PI=51

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

WATER LEVEL OBSERVATIONS, ft		BORING STARTED 9-5-07	
WL	▽	BORING COMPLETED 9-5-07	
WL	▽	RIG Mobile B-61	FOREMAN JS
WL	N/E	APPROVED EJH	JOB # 57077356



BOREHOLE 99 57077356 LOGS.GPJ TERRACON.GDT 9/17/07

LOG OF BORING NO. B-1A

CLIENT **Bluegrass Cellular Partnership**
 SITE **290 Fire Department Lane**
Breeding, Kentucky

PROJECT **Proposed 240' Self-Supporting Tower**
Sparksville Site

GRAPHIC LOG	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
			NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
0.7									
									
4		CL CH	1	ST	24		25	96	5645
BORING TERMINATED									

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	N/E



BORING STARTED	9-5-07
BORING COMPLETED	9-5-07
RIG Mobile B-61	FOREMAN JS
APPROVED EJH	JOB # 57077356



Project: Sparksville Tower
Project No.: 57077356
Performed By: APS
Checked By: TMH

Soil Resistivity

At-Grade Measurements (equal rod spacing)

Location	Depth of Interest (feet)	Electrode Spacing from Center (feet)		Resistance (ohms)		Resistivity (ohm-cm)
		Inner	Outer	Dial Reading	Range Switch	
A-A'	5	2.5	7.5	5.2	10.0	49790
	10	5	15	3.7	10.0	70855
	15	7.5	22.5	1.5	10.0	43088
	20	10	30	1.0	10.0	38300
	30	15	45	6.7	1.0	38492
	40	20	60	1.9	1.0	14554
B-B'	5	2.5	7.5	5.3	10.0	50748
	10	5	15	1.8	10.0	34470
	15	7.5	22.5	1.2	10.0	34470
	20	10	30	0.9	10.0	34470
	30	15	45	4.3	1.0	24704
	40	20	60	2.5	1.0	19150

Resistivity (ohm-cm) = $2\pi a^2 R / 30.48$

R = resistivity (dial reading * range switch)

a = electrode spacing

Equipment Usage: Nilsson Soil Resistance Meter - Model 400

Additional Notes: The boring performed for the geotechnical exploration encountered fill to a depth of approximately 20 feet at this site.

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
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	2-3	Soft
1,001 - 2,000	4-6	Medium Stiff
2,001 - 4,000	7-12	Stiff
4,001 - 8,000	13-26	Very Stiff
8,000+	26+	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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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
		Gravels with Fines More than 12% fines ^C	Fines classify as ML or MH	GM	Silty gravel ^{F, G, H}
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines ^E	$Cu \geq 6$ 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}
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	Primarily organic matter, dark in color, and organic odor		PT	Peat	

^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

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

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

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

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

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

^IIf 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.

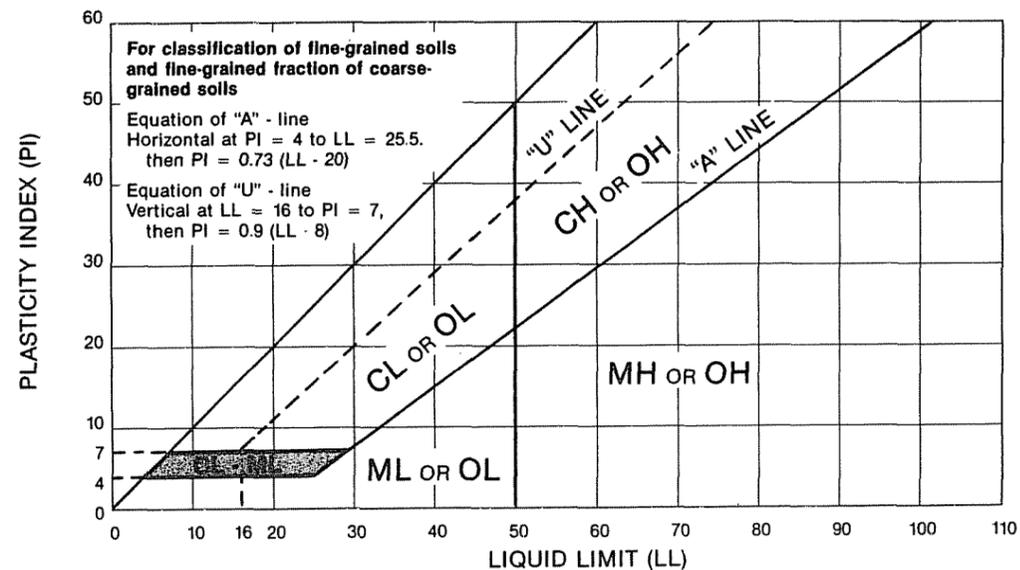
^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.

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

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

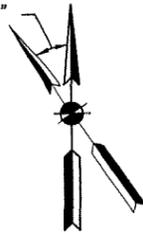
^P PI plots on or above "A" line.

^Q PI plots below "A" line.



Terracon

True North
00°11'31"



Basis of Bearings

The bearing system of this survey is based upon G.P.S. observations made on August 29, 2007 using the National Geodetic Survey monument "BREEDING" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). This system is grid north.

Tower Location Information

Designation: Sparksville
Site ID#: None
Horizontal Datum: NAD 1983 (1993)
Latitude: 36°58'11.83" North
Longitude: 85°26'00.60" West
Vertical Datum: NAVD 1988
Ground Elevation: 1,127.7 feet (343.72 meters)
State Plane Coordinates:
Northing: 1,872,353.15 feet (570,694.991 meters)
Easting: 1,732,877.71 feet (528,182.182 meters)

Owner Information

Owners: Breeding Area Volunteer Fire Dept.
Address: 290 Fire Dept Ln (P.O. Box 5)
Breeding, Kentucky 42715
Contact Person: Nathan Jennings, Chairman
Phone: (270) 378-6477
Alternate Contact Person: Terry Harvey, Chief
Phone: (270) 378-1807
PVA Map No. 017-004.01

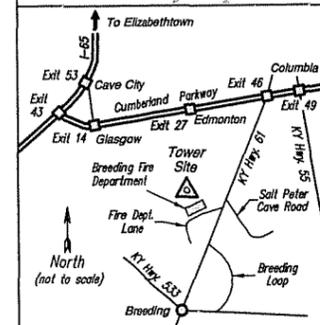
Project Bench Mark

Northing: 1,872,297 feet (570,677 meters)
Easting: 1,732,949 feet (528,204 meters)
Elevation: 1,129.36 feet (344.230 meters)
Description: A chiseled square on the northeast corner of the concrete apron in front of the overhead door on the east side of the fire department building.

Flood Plain Statement

According to the FEMA web site, this is an unmapped area. No flood information is available for the unincorporated areas of Adair County, Kentucky. However, a visual inspection of the site would indicate that the subject site does not lie within a flood prone area.

Vicinity Map



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 46 and Kentucky Highway 61 near Columbia; turn right onto Kentucky Highway 61 and travel south for 9.4 miles to Fire Department Lane on the right; turn right onto Fire Department Lane and travel southwesterly for 0.2 miles to the Breeding Area Volunteer Fire Department on the right or north side of the road; the tower site is behind the fire department building.

Boundary and Easement Description

of land that is located about 200 feet north of Fire Department Lane and 2 miles southwesterly of the intersection of said lane with Kentucky 61 in the Breeding Community of Adair County, Kentucky; said tract being as follows:

BEGINNING AT a 5/8-inch rebar set flush with a survey cap inscribed "D.L. 15 3386" (referred to as a rebar in the remainder of this description) at the corner of the 1.17-acre tract described in deed to the Breeding Area Volunteer Fire Department, Inc. in Deed Book 235, page 471 in the office of the County Clerk of Adair County, Kentucky; thence, along the northeastern boundary of said 1.17-acre tract, South 66 degrees 01 minute 09 seconds East 93.05 feet or set flush at the POINT OF BEGINNING of this description; thence, along said northeastern boundary, South 66 degrees 01 minute 09 seconds East 24.25 feet to a rebar set flush; thence South 15 degrees 37 minutes 40 seconds East 84.54 feet to a rebar set flush; thence South 74 degrees 22 minutes 20 seconds West 100.00 feet to a rebar set flush; thence North 74 degrees 22 minutes 20 seconds East 81.32 feet to the point of beginning and containing 0.226 acres (9,856 square feet), more or less.

Lease Tract
0.226 Acres or 9,856 Sq
No Zoning in Adair County

WITH an access and utility easement from the above-described lease tract to Fire Department Lane; said easement being described as BEGINNING AT a 5/8-inch rebar set flush with a survey cap inscribed "D.L. 15 3386" at the southeast corner of the above-described 0.226-acre tract; thence North 15 degrees 37 minutes 40 seconds West 84.54 feet to a rebar set flush with said Helms survey cap at a corner in the eastern boundary of the 0.226-acre lease tract and being on the northeastern boundary of the 1.17-acre tract described in deed to the Breeding Area Volunteer Fire Department, Inc. in Deed Book 235, page 471 in the office of the County Clerk of Adair County, Kentucky; thence, along said northeastern boundary, South 66 degrees 01 minute 09 seconds East 51.92 feet; thence South 15 degrees 37 minutes 40 seconds East 55.94 feet; thence South 69 degrees 24 minutes 58 seconds East 191.01 feet to a 1/2-inch rebar found buried 5 inches with a survey cap inscribed "McKinney 3318" at the southeast corner of the aforementioned tract and being on the northern boundary of Fire Department Lane; thence along said northern boundary and the southern boundary of the 1.17-acre tract, South 74 degrees 52 minutes 33 seconds West 198.12 feet to the point of beginning.

Danny O'Neal Fudge and Melissa Day, Deed Book 292, Page 393.

The bearing system of these descriptions is based upon the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993), as determined by G.P.S. observations made on August 29, 2007 using the National Geodetic Survey monument "BREEDING". These descriptions are based upon a survey completed by Landmark Surveying Co., Inc. and certified by Darren L. Helms, P.L.S. 3386, on August 30, 2007. This survey is hereby referenced and made a part of these descriptions.

OF TITLE: Being a portion of and lying entirely within the land described in Deed Book 235, page 471 in the office of the County Clerk of Adair County, Kentucky.

Surveyor's Certification

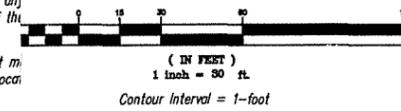
I certify that this plat has been compiled from a survey actually made on the ground under my direct supervision on August 29, 2007 by the use of random traverse with sideshots. The unadjusted precision ratio of this traverse was 1:21,700 and it was not adjusted. This survey is a Class B survey and the accuracy and precision of this survey meets all the specifications of the Kentucky Surveying Code.

Darren L. Helms
Darren L. Helms, P.L.S. 3386

1.30, 2007

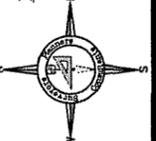


GRAPHIC SCALE



- This survey is subject to a statement of facts which may be disclosed by an owner of Title or a Title Commitment Policy; documentation was not provided by the client.
- No search of public records has been performed by this firm to determine any liens and/or ambiguities in the title of the tract.
- The utilities shown on this plot may not represent all of the utilities located on the tract.

Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0950
Email: landmark@landmarkinc.com
Project No. 07-08-0157



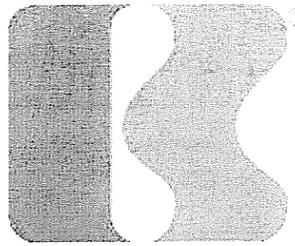
Lease Boundary Survey
330 Fire Dept Ln
Breeding, Kentucky 42715

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE: 11-30-07
DRAWN BY: A. Wheeler
CHECKED BY: D.L. Helms

SHEET NO.
1
OF 1 SHEETS
FILE NO.
Sparkville.dwg



BLUEGRASS CELLULAR

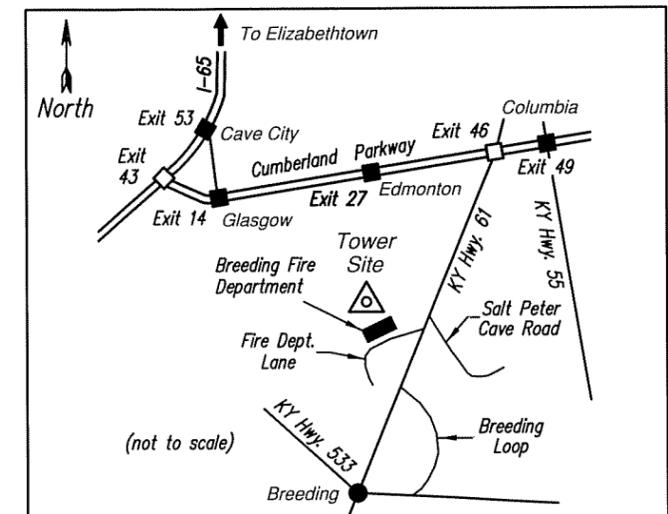
APPROVAL SIGNATURES	
BLUEGRASS CELLULAR PROJECT SUPERVISOR:	_____
DATE:	_____
CITY REPRESENTATIVE:	_____
TITLE:	_____
DATE:	_____
PROPERTY OWNER/OWNERS:	_____
DATE:	_____
TOWER OWNER/OWNERS:	_____
DATE:	_____

SITE NAME: SPARKSVILLE

**911 ADDRESS: 330 FIRE DEPT. LN.
BREEDING, KY. 42715**

COUNTY: ADAIR

TOWER LATITUDE & LONGITUDE
N 36* 58' 11.83" W 85* 26' 00.60"



VICINITY MAP
NOT TO SCALE

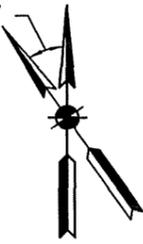
DIRECTIONS TO SITE

From Elizabethtown, Kentucky: travel south on I-65 to Exit 43 and the Cumberland Parkway; travel east on the Cumberland Parkway to Exit 46 and Kentucky Highway 61 near Columbia; turn right onto Kentucky Highway 61 and travel south for 9.4 miles to Fire Department Lane on the right; turn right onto Fire Department Lane and travel southwesterly for 0.2 miles to the Breeding Area Volunteer Fire Department on the right or north side of the road; the tower site is behind the fire department building.

SHEET INDEX		
SHEET NO.	DESCRIPTION	REVISION
TITLE SHEET	TITLE SHEET	
SURVEY	SURVEY	
A-1	SITE PLAN	
A-2	FENCE DETAILS	
ANTENNA DETAILS 1	ANT. SPECS/TOWER ELEV.	
ANTENNA DETAILS 2	ANTENNA DETAILS 2	
E-1	SITE PLAN - ELECTRICAL	
E-2	ELECTRICAL DETAILS	
LYNCOLE	LYNCOLE GROUNDING	
E-3	ELEC. PLAN - GROUNDING	
E-4	GROUNDING DETAILS	
S-1	FOUNDATION DETAILS	
GENERATOR DETAIL	GENERATOR DETAIL	
GENERAL NOTES	GENERAL NOTES	

SITE DATA	
PROPERTY OWNER:	BREEDING VOL. FIRE DEPT.
TOWER OWNER:	BLUEGRASS CELLULAR (270) 769-0339
POWER COMPANY:	TRI COUNTY RECC (615) 666-2111
TELEPHONE COMPANY:	DUO-COUNTY TELEPHONE (270) 378-4141
BLUEGRASS PROJECT SUPERVISOR:	JEFF BREWER (270) 202-7030
R B DESIGN	ROBIN BECKER (502)231-3656 OFFICE/FAX

True North
00°11'31"



Site: Sparksville

Lease Boundary and Topographic Survey

Adair County, Kentucky

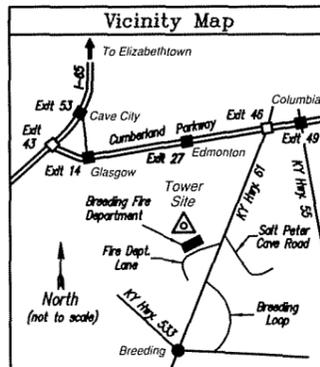
Basis of Bearings
The bearing system of this survey is based upon G.P.S. observations made on August 29, 2007 using the National Geodetic Survey monument "BREEDING" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1983). This system is grid north.

Tower Location Information
Designation: Sparksville
Site ID#: None
Horizontal Datum: NAD 1983 (1993)
Latitude: 36°58'11.83" North
Longitude: 85°26'00.60" West
Vertical Datum: NAVD 1988
Ground Elevation: 1,127.7 feet (343.72 meters)
State Plane Coordinates
Northing: 1,872,355.15 feet (570,694.991 meters)
Easting: 1,732,877.71 feet (528,182.182 meters)

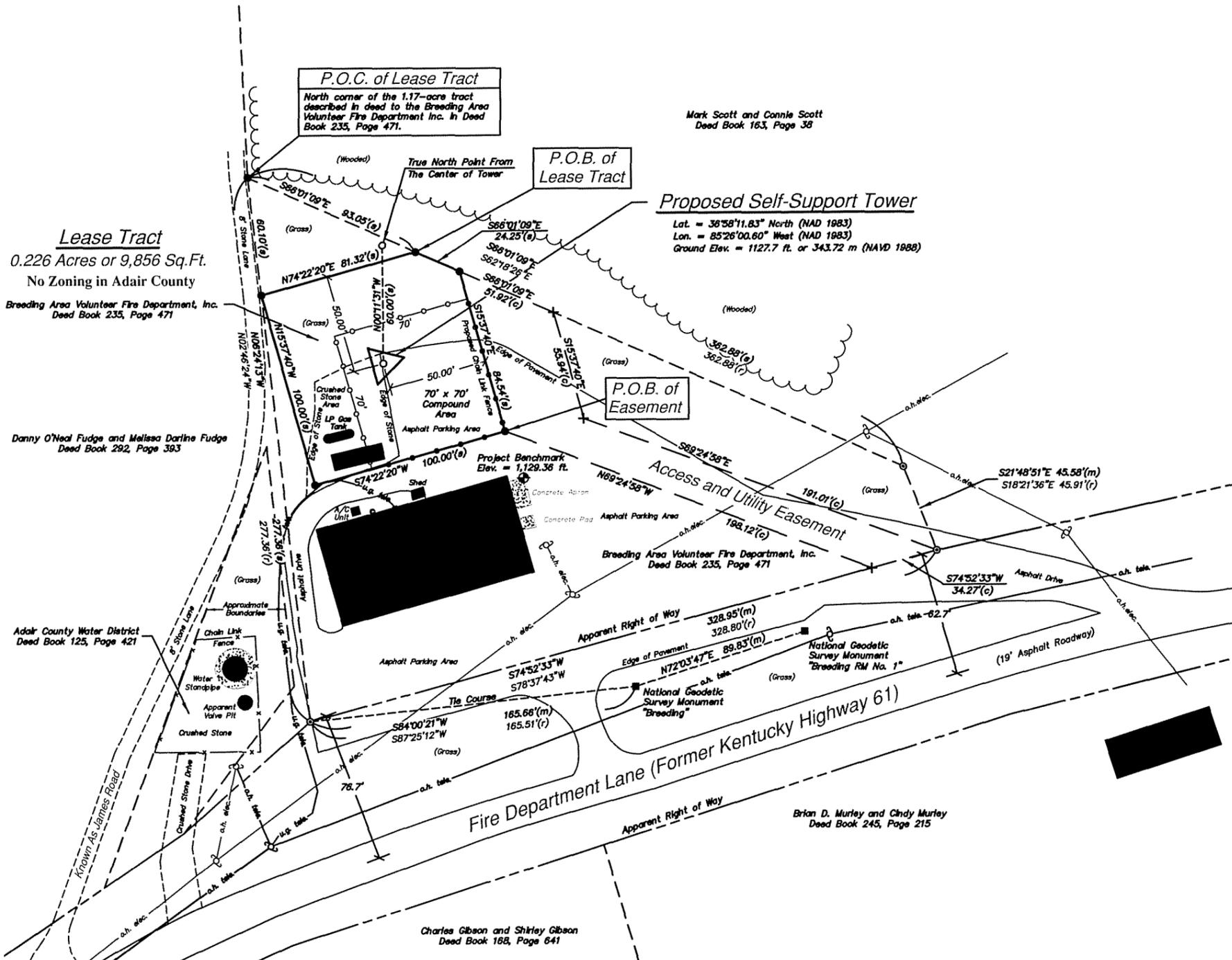
Owner Information
Owners: Breeding Area Volunteer Fire Dept.
Address: 290 Fire Dept Ln (P.O. Box 5)
Breeding, Kentucky 42715
Contact Person: Nathan Jennings, Chairman
Phone: (270) 378-6477
Alternate Contact Person: Terry Harvey, Chief
Phone: (270) 378-1807
PVA Map No. 017-004.01

Project Bench Mark
Northing: 1,872,297 feet (570,677 meters)
Easting: 1,732,949 feet (528,204 meters)
Elevation: 1,129.36 feet (344.230 meters)
Description: A chiseled square on the northeast corner of the concrete apron in front of the overhead door on the east side of the fire department building.

Flood Plain Statement
According to the FEMA web site, this is an unmappped area. No flood information is available for the unincorporated areas of Adair County, Kentucky. However, a visual inspection of the site would indicate that the subject site does not lie within a flood prone area.



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 46 and Kentucky Highway 61 near Columbia; turn right onto Kentucky Highway 61 and travel south for 9.4 miles to Fire Department Lane on the right; turn right onto Fire Department Lane and travel southwesterly for 0.2 miles to the Breeding Area Volunteer Fire Department on the right or north side of the road; the tower site is behind the fire department building.



Lease Tract
0.226 Acres or 9,856 Sq.Ft.
No Zoning in Adair County

Breeding Area Volunteer Fire Department, Inc.
Deed Book 235, Page 471

Danny O'Neal Fudge and Melissa Darline Fudge
Deed Book 282, Page 393

Mark Scott and Connie Scott
Deed Book 163, Page 38

Brian D. Murley and Chdy Murley
Deed Book 245, Page 215

Charles Gibson and Shirley Gibson
Deed Book 168, Page 641

Surveyor's Notes

- This survey is subject to a statement of facts which may be disclosed by an Abstract of Title or a Title Commitment Policy. This documentation was not provided by the client.
- No search of public records has been performed by this firm to determine any defects and/or ambiguities in the title of the parent tract.
- The utilities shown on this plot may or may not represent all of the utilities located on the subject site. The presence of the existing utilities shown was determined by a visual inspection of the property surface. No utility locate was called in prior to this survey. It shall be the responsibility of the contractor to locate any utilities present prior to construction.
- The topographic information contained on this plot was as requested by the client and may or may not represent all of the topographic features located on the subject property.
- According to Ann Malton, County Judge Executive of Adair County, no local planning unit exists which has geographical jurisdiction of the subject tower site. The County Judge Executive's Office may be contacted at 270-384-4703 for confirmation.

Legend

- 5/8" Rebar Set Flush With A Survey Cap Inscribed "D.L. Helms PLS 3386"
- 5/8" Rebar Set Flush - No Cap
- ⊙ 1/2" Rebar Found Flush To Buried 6" With A Survey Cap Inscribed "McKinney 3318"
- National Geodetic Survey Monument - 12" Square Concrete Monument With A 3" Diameter Brass Disk - Exposed About 2"
- + Calculated Position - No Monument Found or Set
- Subject Boundaries
- Other Boundaries
- - - Easement Boundary
- - - Right of Way
- ⊕ Utility Pole
- ☆ Light Pole
- ⊖ Guy Anchor
- ⊞ Telephone Pedestal
- (m) Measured
- (r) Recorded
- (c) Calculated
- (s) Set

Lease Boundary and Easement Description

A tract of land that is located about 200 feet north of Fire Department Lane and about 0.2 miles southwesterly of the intersection of said lane with Kentucky Highway 61 in the Breeding Community of Adair County, Kentucky; said tract being described as follows:

COMMENCING AT A 5/8-inch rebar set flush with a survey cap inscribed D.L. Helms PLS 3386 (referred to as a rebar in the remainder of this description) at the north corner of the 1.17-acre tract described in deed to the Breeding Area Volunteer Fire Department, Inc. in Deed Book 235, page 471 in the office of the County Clerk of Adair County, Kentucky; thence, along the northeastern boundary of said 1.17-acre tract, South 66 degrees 01 minute 09 seconds East 93.05 feet to a rebar set flush at the POINT OF BEGINNING of this description; thence, continue along said northeastern boundary, South 66 degrees 01 minute 09 seconds East 24.25 feet to a rebar set flush; thence South 15 degrees 37 minutes 22 seconds West 100.00 feet to a rebar set flush; thence North 15 degrees 37 minutes 40 seconds West 100.00 feet to a rebar set flush; thence North 74 degrees 22 minutes 20 seconds East 81.32 feet to the point of beginning and containing 0.226 acres (9,856 square feet), more or less.

TOGETHER WITH an access and utility easement from the above-described 0.226-acre lease tract to Fire Department Lane; said easement being described as follows: BEGINNING AT a 5/8-inch rebar set flush with a survey cap inscribed D.L. Helms PLS 3386 at the southeast corner of the above-described 0.226-acre lease tract; thence North 15 degrees 37 minutes 40 seconds West 84.54 feet to a rebar set flush with said Helms survey cap at a corner in the eastern boundary of the above-described 0.226-acre lease tract and being on the northeastern boundary of the 1.17-acre tract described in deed to the Breeding Area Volunteer Fire Department, Inc. in Deed Book 235, page 471 in the office of the County Clerk of Adair County, Kentucky; thence, along said northeastern boundary, South 66 degrees 01 minute 09 seconds East 51.92 feet; thence South 15 degrees 37 minutes 40 seconds East 55.94 feet; thence South 69 degrees 24 minutes 58 seconds East 191.01 feet to a 1/2-inch rebar found buried 5 inches with a survey cap inscribed "McKinney 3318" at the southeast corner of the aforementioned 1.17-acre tract and being on the northern boundary of Fire Department Lane; thence, along said northern boundary and the southern boundary of the aforementioned 1.17-acre tract, South 74 degrees 52 minutes 33 seconds West 34.27 feet; thence North 69 degrees 24 minutes 58 seconds West 198.12 feet to the point of beginning.

The bearing system of these descriptions is based upon the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993), as determined by G.P.S. observations made on August 29, 2007 using the National Geodetic Survey monument "BREEDING". These descriptions are based upon a survey completed by Landmark Surveying Co., Inc. and certified by Darren L. Helms, P.L.S. 3386, on November 30, 2007. This survey is hereby referenced and made a part of these descriptions.

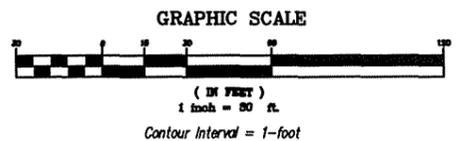
SOURCE OF TITLE: Being a portion of and lying entirely within the land described in deed to the Breeding Area Volunteer Fire Department, Inc. on November 17, 1998 in Deed Book 235, page 471 in the office of the County Clerk of Adair County, Kentucky.

Surveyor's Certification

I hereby certify that this plat has been compiled from a survey actually made upon the ground under my direct supervision on August 29, 2007 by the method of random traverse with sideshots. The unadjusted precision ratio of the traverse was 1:21,700 and it was not adjusted. This survey is a Class B survey and the accuracy and precision of this survey meets all the specifications of this class.

Darren L. Helms, P.L.S. 3386

Date



Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0850
Email: landmark@landmarkinc.com
Project No. 07-08-0157

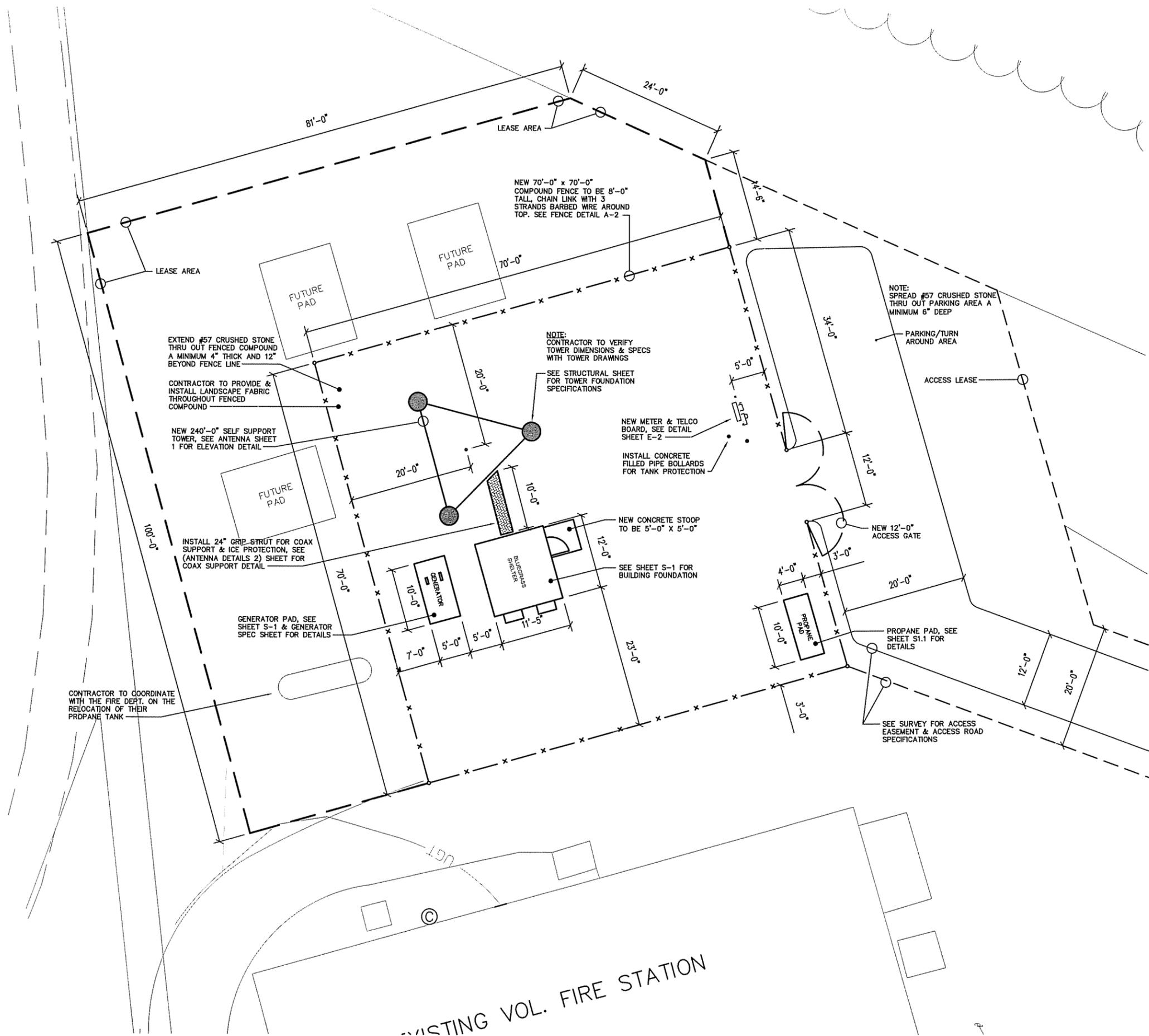


Lease Boundary Survey
330 Fire Dept Ln
Breeding, Kentucky 42715

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE: 11-30-07
DRAWN BY: A. Whittier
CHECKED BY: D.L. Helms
SHEET NO. 1
OF 1 SHEETS
FILE NO. Sparksville.dwg



GENERAL NOTES:

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

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



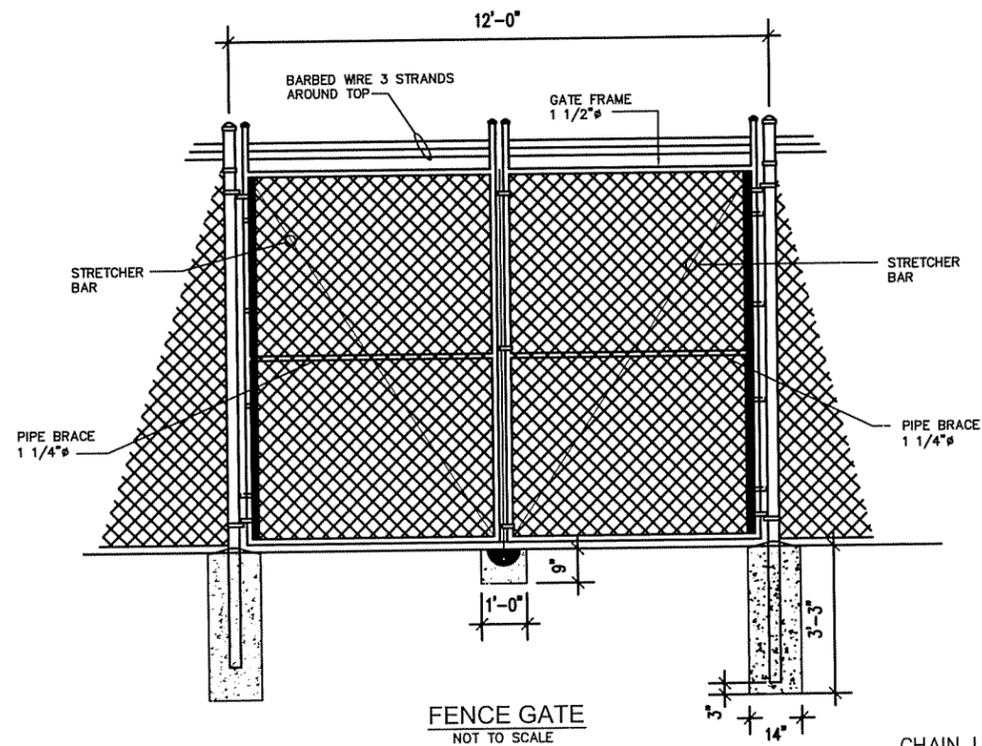
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
 330 FIRE DEPT. RD. BREEDING, KY. 42715

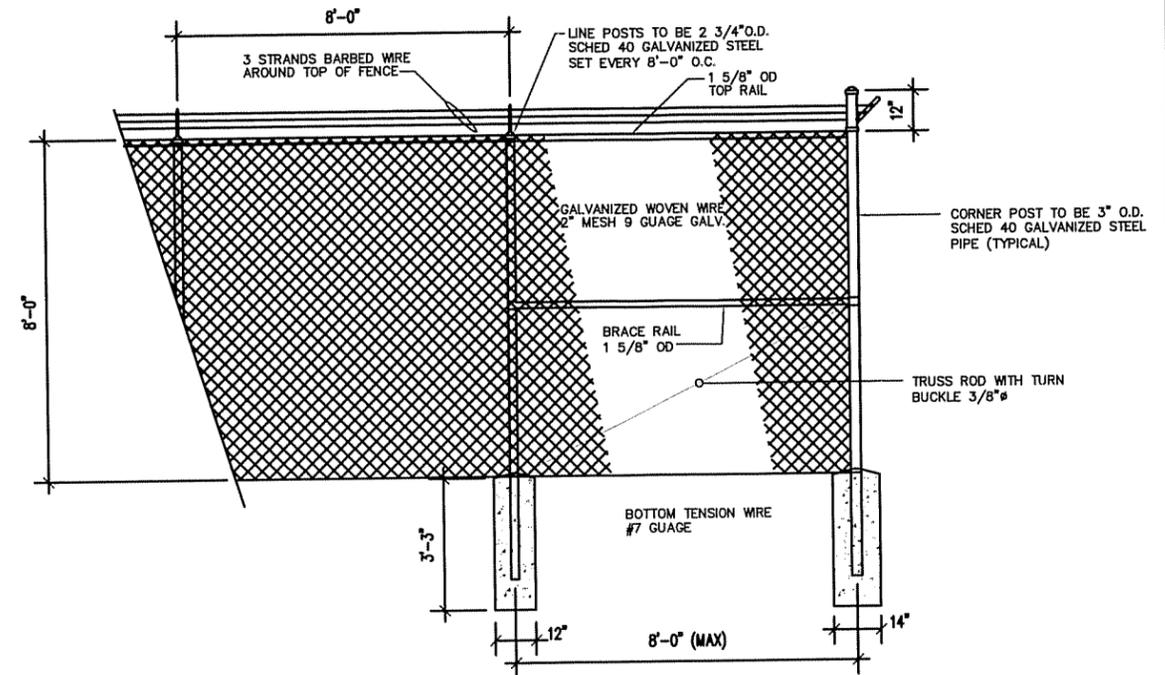
DRAWN BY: R. BECKER
 ISSUE DATE: 12-11-07
 SCALE: LISTED

SHEET NUMBER
 A-1

EXISTING VOL. FIRE STATION



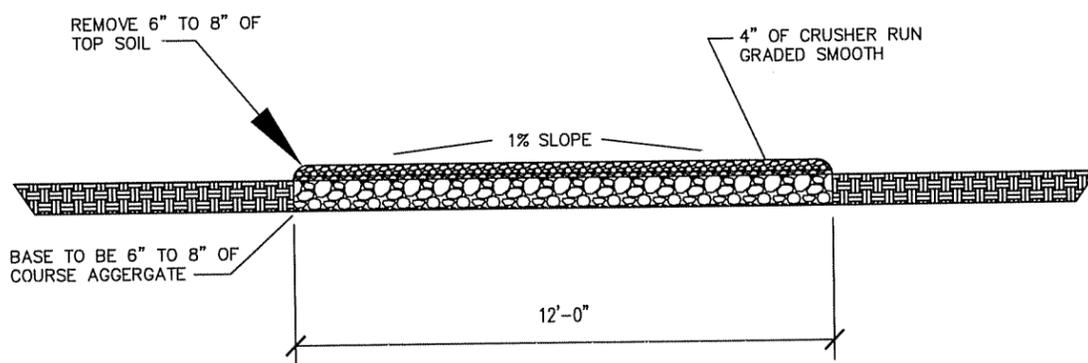
FENCE GATE
NOT TO SCALE



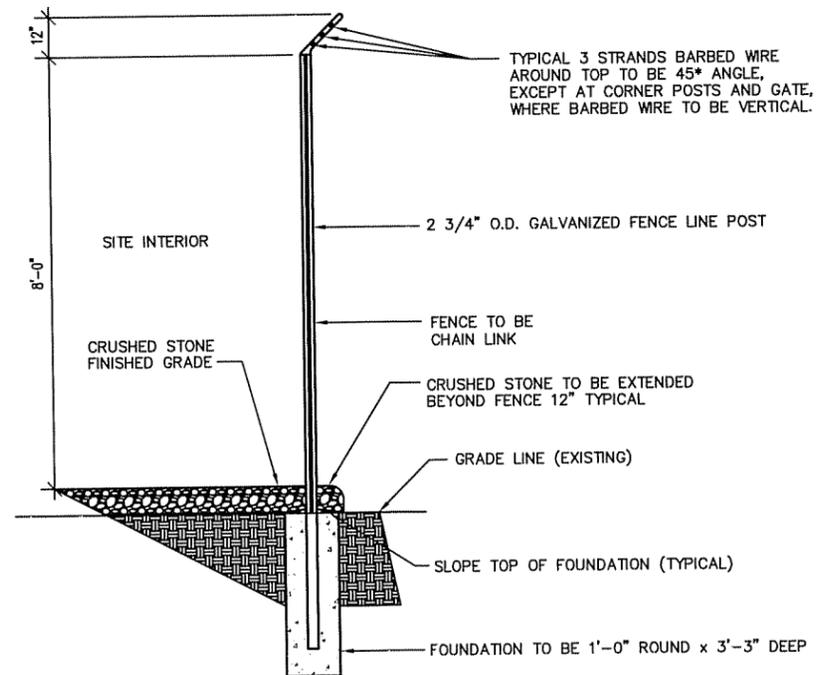
FENCE DETAIL END POLES
NOT TO SCALE

CHAIN LINK FENCING NOTES:

- FABRIC:** THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL HOT DIP GALVANIZED WIRE PICKETS HELICALLY WOUND AND INTERWOVEN FROM NO.9 W & M GAUGE COPPER BEARING STEEL WIRE TO FORM A CONTINUOUS CHAIN LINK FABRIC HAVING A 2" MESH. TOP EDGES SHALL HAVE A TWISTED AND BARBED
- POSTS:** SHALL BE 2 3/4" O.D. SS 40 PIPE HOT GALVANIZED. THESE POSTS SHALL BE SPACED APPROXIMATELY 8'-0" ON CENTERS AND SET FULL 3'-3" IN BELL - SHAPED CONCRETE FOOTING, CROWNED AT TOP TO SHED WATER.
- TOP RAIL:** SHALL BE 1 5/8" O.C. STANDARD PIPE HOT GALVANIZED AND SHALL BE FURNISHED IN RANDOM LENGTHS AVERAGE NOT LESS THAN 20'.
- FABRIC TIES:** FOR ATTACHING FABRIC TO LINE POST, TOP RAIL OR TOP WIRE, SHALL BE ALUMINUM STRIP OF WIRE OF APPROVED GAUGE AND DESIGN. USED ON TOP OF RAIL EVERY 24" AND ONE POST EVERY 12'.
- EXTENSION ARMS:** CAST STEEL GALVANIZED TO ACCOMODATE 3 STRANDS OF BARB WIRE, SINGLE ARM SLOPED TO 45', AND VERTICAL ON TOP OF SWING GATES.
- BARBED WIRE (STEEL):** ASTM A121 GALVANIZED STEEL, 12 GAUGE THICK WIRE, 3 STRANDS 4 POINTS AT 3" O.C.
- SWING GATE POSTS:** SHALL BE 3" O.C. STANDARD HOT GALVANIZED, WEIGHING 5.79 LBS. PER FOOT.
- GATES: (a) SWING GATES:** 2" O.C. STANDARD PIPE WITH INTERNAL BRACING OF 1 5/8" O.D. STANDARD PIPE; WELDED AT ALL JOINTS TO PROVIDE RIGID WATERTIGHT CONSTRUCTION. FABRIC SAME AS FENCE.
- FENCE TO BE 100% ERECTED WITHIN TEN(10) DAYS OF COMPLETION OF CONSTRUCTION, IF TIME FRAME CANNOT BE MET, PLEASE NOTIFY PROJECT SUPERVISOR.**



ROAD DETAIL
NOT TO SCALE



FENCE DETAIL LINE POLES
NOT TO SCALE

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
330 FIRE DEPT. RD. BREEDING, KY. 42715

NO.	DATE	REVISION

DRAWN BY: R. BECKER
ISSUE DATE: 12-11-07

SCALE: LISTED

SHEET NUMBER
A-2

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

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

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

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

LINES ARE TO BE SECURED TO ICE BRIDGE

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

ALL COAX CONNECTIONS ARE TO BE WEATHER PROOFED.

INVENTORY OF ALL MATERIAL IS TO BE DONE PRIOR TO INSTALLATION BY CONTRACTOR. (LIST WILL BE PROVIDED)

ALL TRASH AND REFUGE IS TO BE PROPERLY DISPOSED OF.

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

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

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

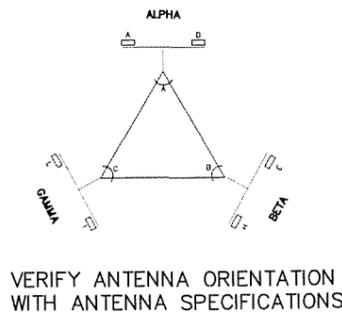
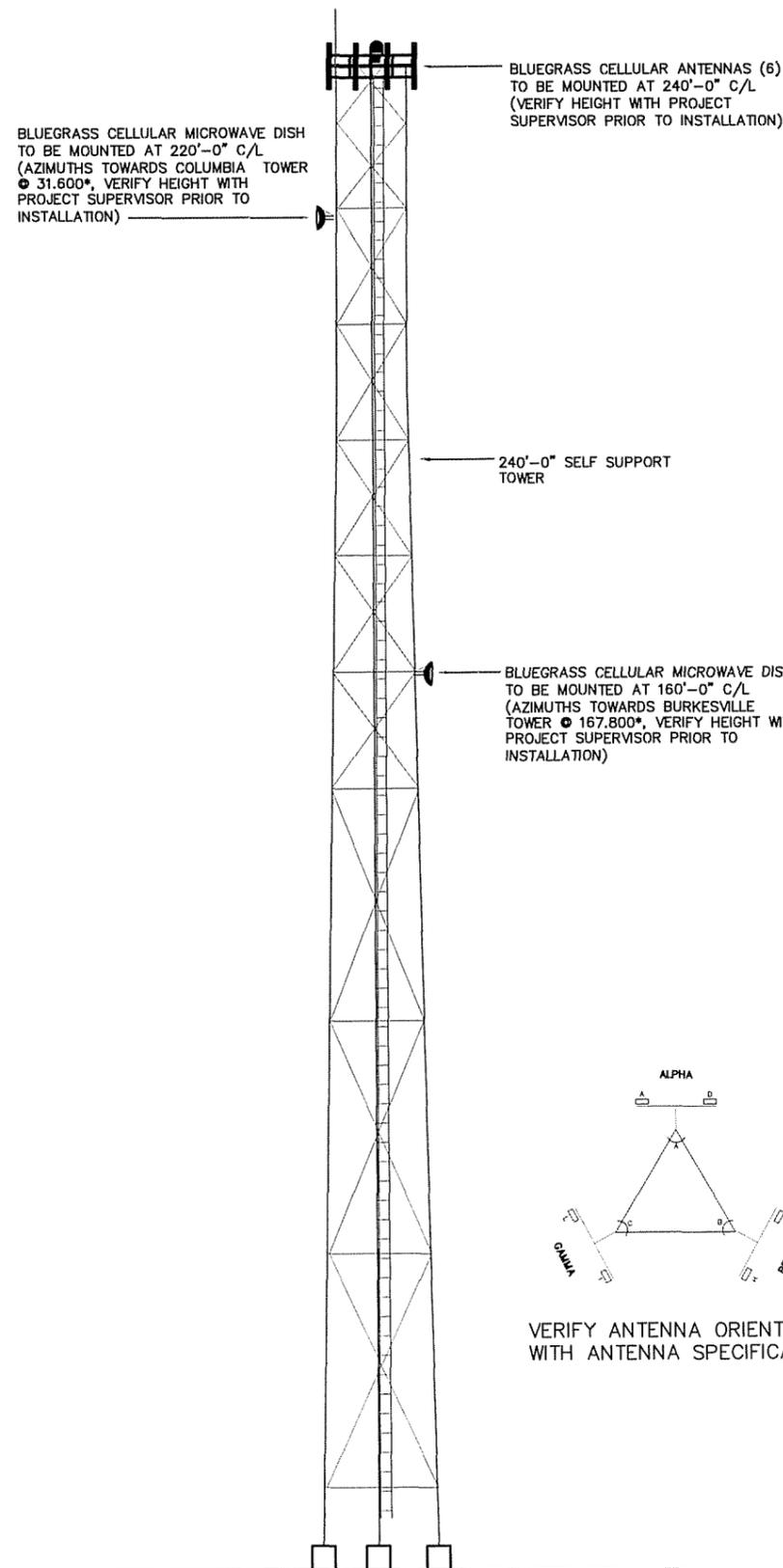
ICE BRIDGE TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR. (Additional Ice Bridge if needed)

TRAPEZE KIT TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

CONTRACTOR TO INSTALL GPS BRACKET

CONTRACTOR RESPONSIBLE FOR INSTALLATION OF MICROWAVE DISH ON RECEIVING TOWER

BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS



SELF SUPPORT TOWER ELEVATION (TYPICAL)

TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

ANTENNA SPECS

	TYPE	SIZE L x W x D	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	AP13-880-8500 ADT-XP	L=78.6 W=10.3 D=4.6	6	40*, 160*, 270*	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"	6
TRANSMISSION LINE (SECONDARY)			

DISH SPECS

	MICROWAVE/DONOR	SIZE	NUMBER	AZIMUTH	MOUNTING HEIGHT
DISH #1	TPG-P-24A72GN-U	4'	1	31.600*	220'-0" C/L FIELD VERIFY
DISH #2	TPG-P-24A48GN-U	4'	1	167.800*	160'-0" C/L FIELD VERIFY

DISH MOUNT SPECS

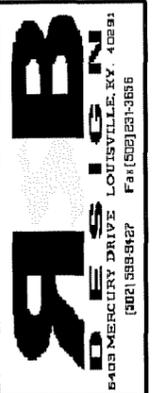
	TYPE	SIZE	NUMBER
MOUNT #1			
MOUNT #2			

DISH TRANSMISSION LINES

	TYPE	SIZE	NUMBER
TRANSMISSION LINE #1	AVA7-50A		1
TRANSMISSION LINE #2	AVA7-50A		1

ANTENNA SYNOPSIS

- * ANTENNAS TO HAVE A 1*E X,Y,Z
- * ANTENNA FREQUENCY 880.00 - 890.00
- * MICROWAVE DISH #1 MOUNTED AT 220'-0" C/L WITH AZIMUTHS @ 31.600*
- DISH #2 MOUNTED AT 160'-0" C/L WITH AZIMUTHS 167.800*

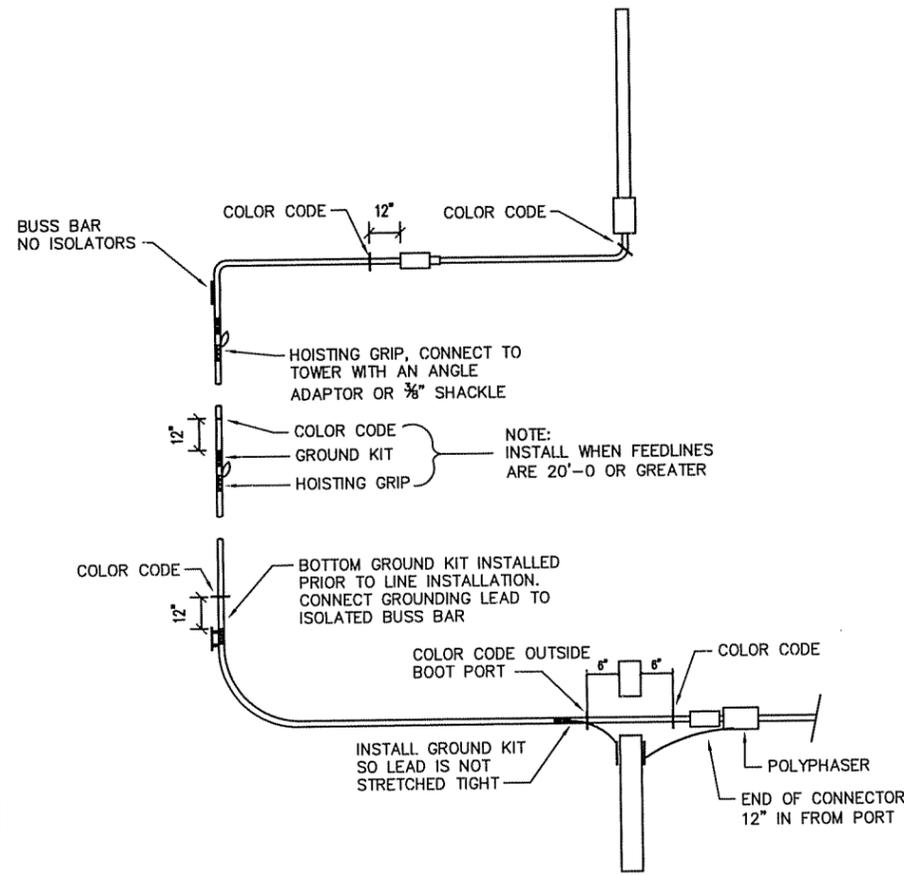


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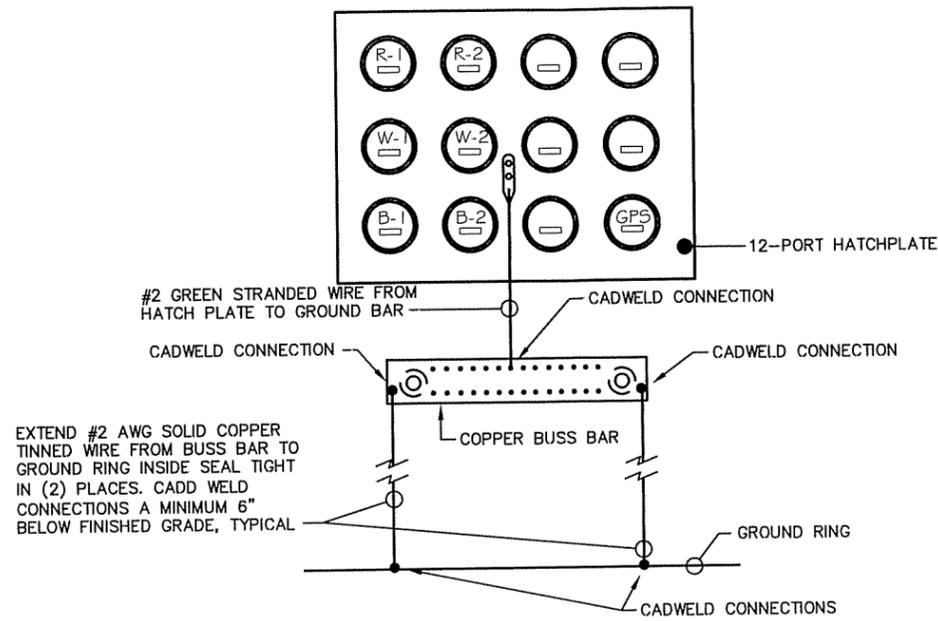
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
330 FIRE DEPT. RD. BREEDING, KY. 42715

DRAWN BY: R. BECKER
ISSUE DATE: 12-11-07
SCALE: LISTED

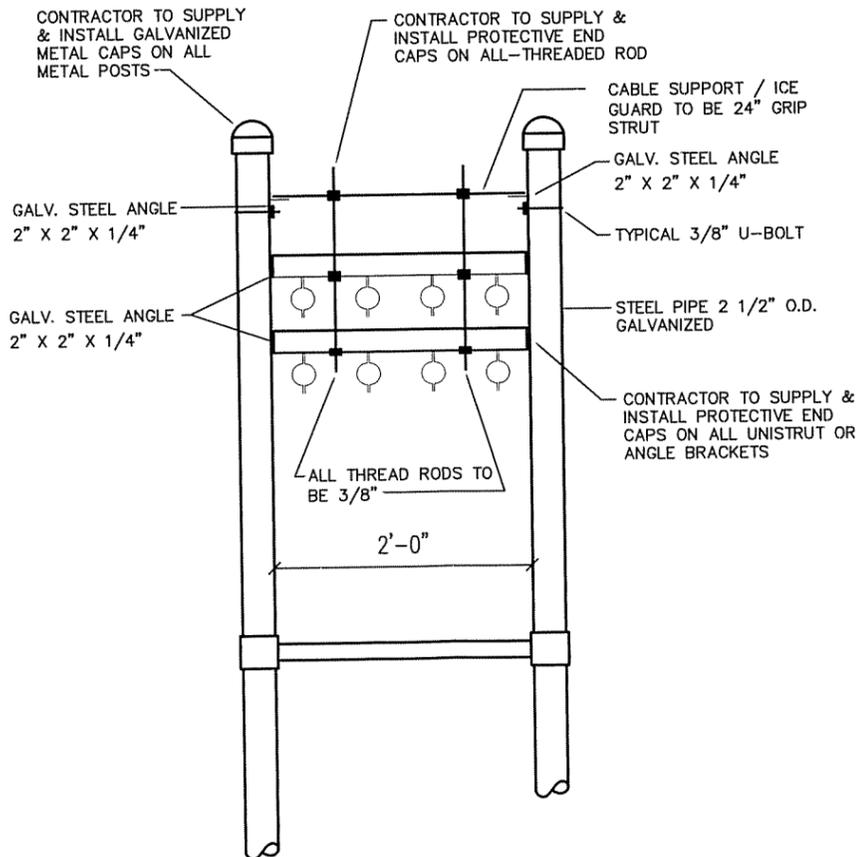
SHEET NUMBER
ANTENNA DETAILS
1



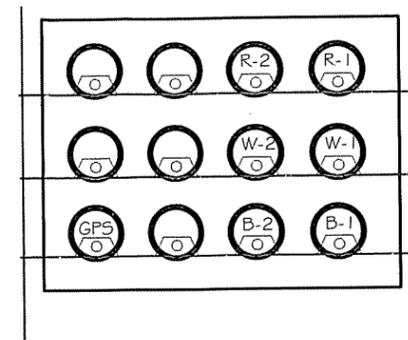
COLOR CODING DETAIL
NO SCALE



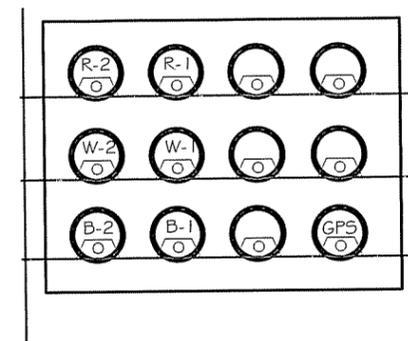
BOOT PORT GROUNDING DETAIL
NO SCALE



ICE BRIDGE / COAX SUPPORT DETAIL
NO SCALE



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



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

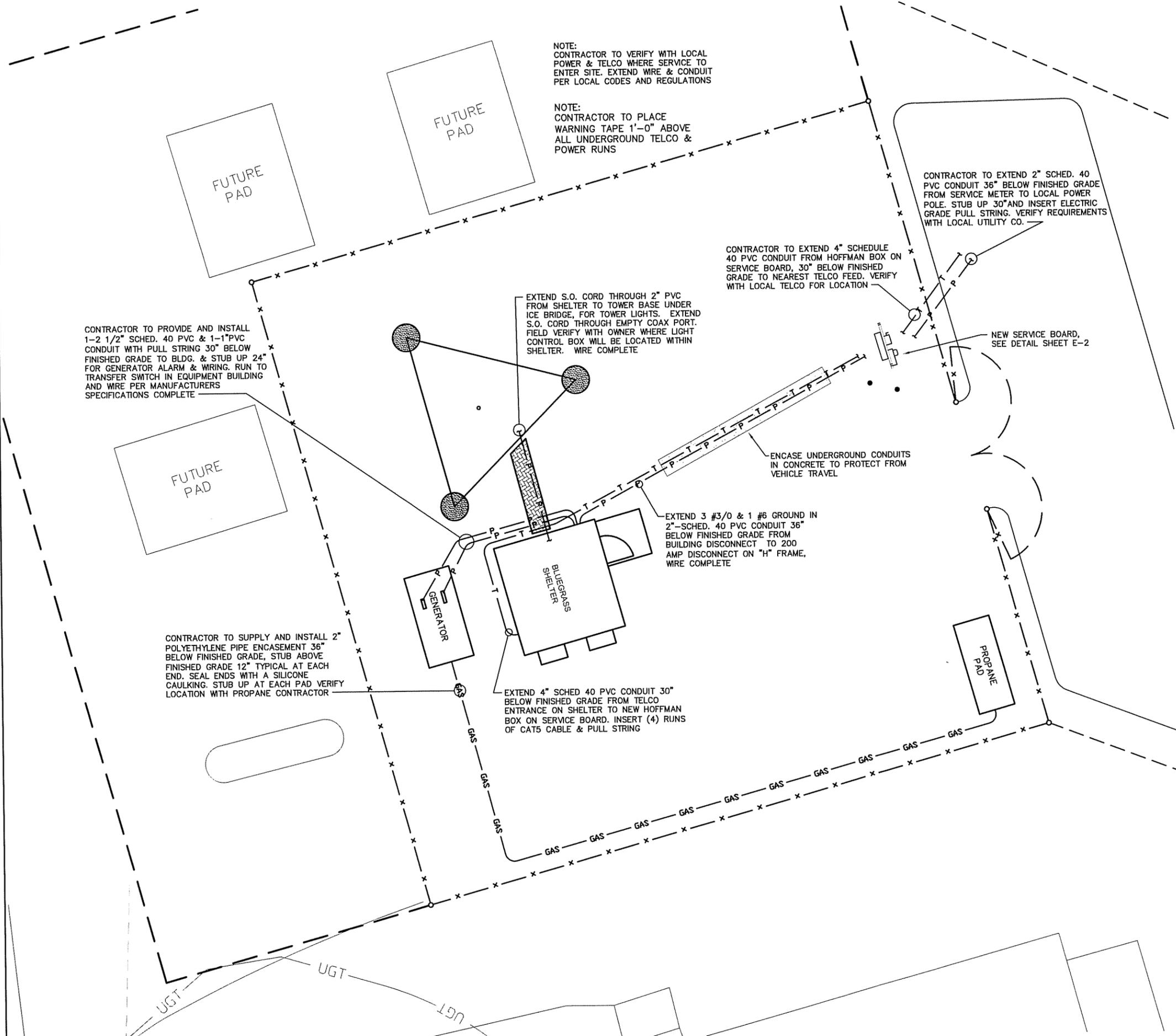


NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
330 FIRE DEPT. RD. BREEDING, KY. 42715

DRAWN BY: R. BECKER
ISSUE DATE: 12-11-07
SCALE: LISTED

SHEET NUMBER
ANTENNA DETAILS
2



NOTE:
CONTRACTOR TO VERIFY WITH LOCAL POWER & TELCO WHERE SERVICE TO ENTER SITE. EXTEND WIRE & CONDUIT PER LOCAL CODES AND REGULATIONS

NOTE:
CONTRACTOR TO PLACE WARNING TAPE 1'-0" ABOVE ALL UNDERGROUND TELCO & POWER RUNS

CONTRACTOR TO EXTEND 2" SCHED. 40 PVC CONDUIT 36" BELOW FINISHED GRADE FROM SERVICE METER TO LOCAL POWER POLE. STUB UP 30" AND INSERT ELECTRIC GRADE PULL STRING. VERIFY REQUIREMENTS WITH LOCAL UTILITY CO.

CONTRACTOR TO EXTEND 4" SCHEDULE 40 PVC CONDUIT FROM HOFFMAN BOX ON SERVICE BOARD, 30" BELOW FINISHED GRADE TO NEAREST TELCO FEED. VERIFY WITH LOCAL TELCO FOR LOCATION

EXTEND S.O. CORD THROUGH 2" PVC FROM SHELTER TO TOWER BASE UNDER ICE BRIDGE. FOR TOWER LIGHTS. EXTEND S.O. CORD THROUGH EMPTY COAX PORT. FIELD VERIFY WITH OWNER WHERE LIGHT CONTROL BOX WILL BE LOCATED WITHIN SHELTER. WIRE COMPLETE

CONTRACTOR TO PROVIDE AND INSTALL 1-2 1/2" SCHED. 40 PVC & 1-1" PVC CONDUIT WITH PULL STRING 30" BELOW FINISHED GRADE TO BLDG. & STUB UP 24" FOR GENERATOR ALARM & WIRING. RUN TO TRANSFER SWITCH IN EQUIPMENT BUILDING AND WIRE PER MANUFACTURERS SPECIFICATIONS COMPLETE

NEW SERVICE BOARD, SEE DETAIL SHEET E-2

ENCASE UNDERGROUND CONDUITS IN CONCRETE TO PROTECT FROM VEHICLE TRAVEL

EXTEND 3 #3/0 & 1 #6 GROUND IN 2"-SCHED. 40 PVC CONDUIT 36" BELOW FINISHED GRADE FROM BUILDING DISCONNECT TO 200 AMP DISCONNECT ON "H" FRAME, WIRE COMPLETE

CONTRACTOR TO SUPPLY AND INSTALL 2" POLYETHYLENE PIPE ENCASEMENT 36" BELOW FINISHED GRADE, STUB ABOVE FINISHED GRADE 12" TYPICAL AT EACH END. SEAL ENDS WITH A SILICONE CAULKING. STUB UP AT EACH PAD VERIFY LOCATION WITH PROPANE CONTRACTOR

EXTEND 4" SCHED 40 PVC CONDUIT 30" BELOW FINISHED GRADE FROM TELCO ENTRANCE ON SHELTER TO NEW HOFFMAN BOX ON SERVICE BOARD. INSERT (4) RUNS OF CAT5 CABLE & PULL STRING

GENERAL ELECTRICAL NOTES:

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

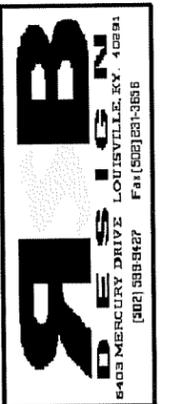
NOTE:
CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED 1'-0" ABOVE CONDUIT RUNS.

SYMBOLS LEGEND

—P—	POWER
—G—	GAS
—T—	TELEPHONE
—X—	FENCE
⊞	SWITCH (DISCONNECT)
⊞	METER PACK

SITE PLAN- ELECTRICAL

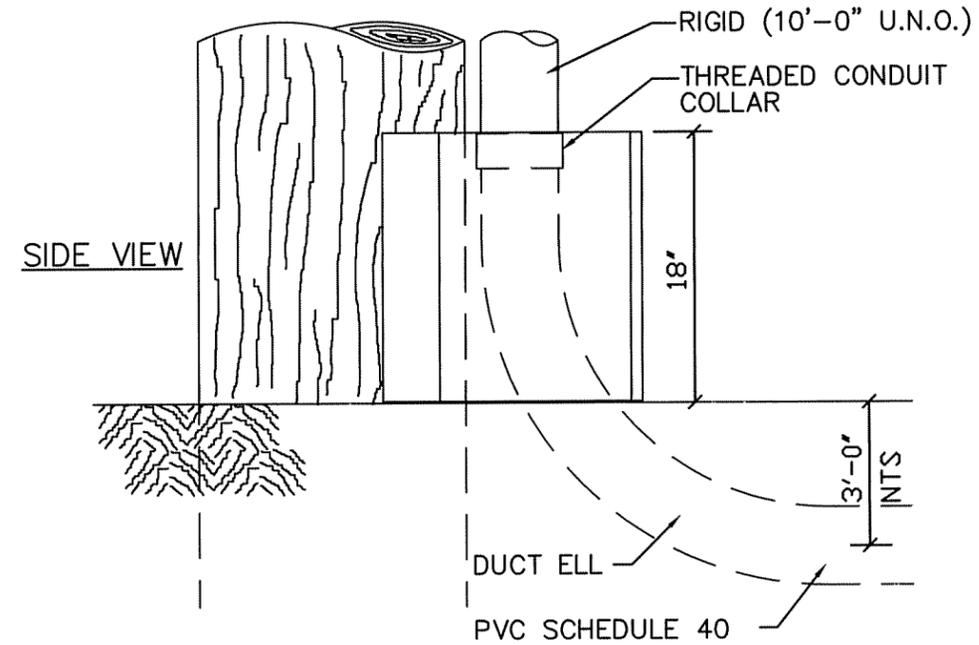
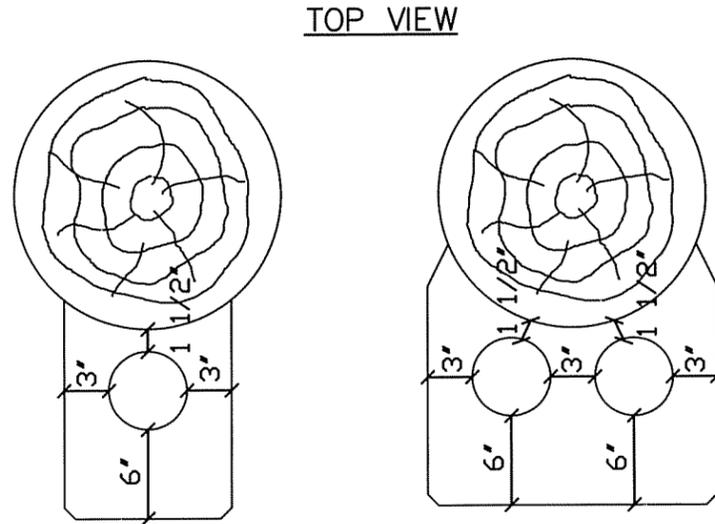
SCALE: 3/32" = 1'-0"



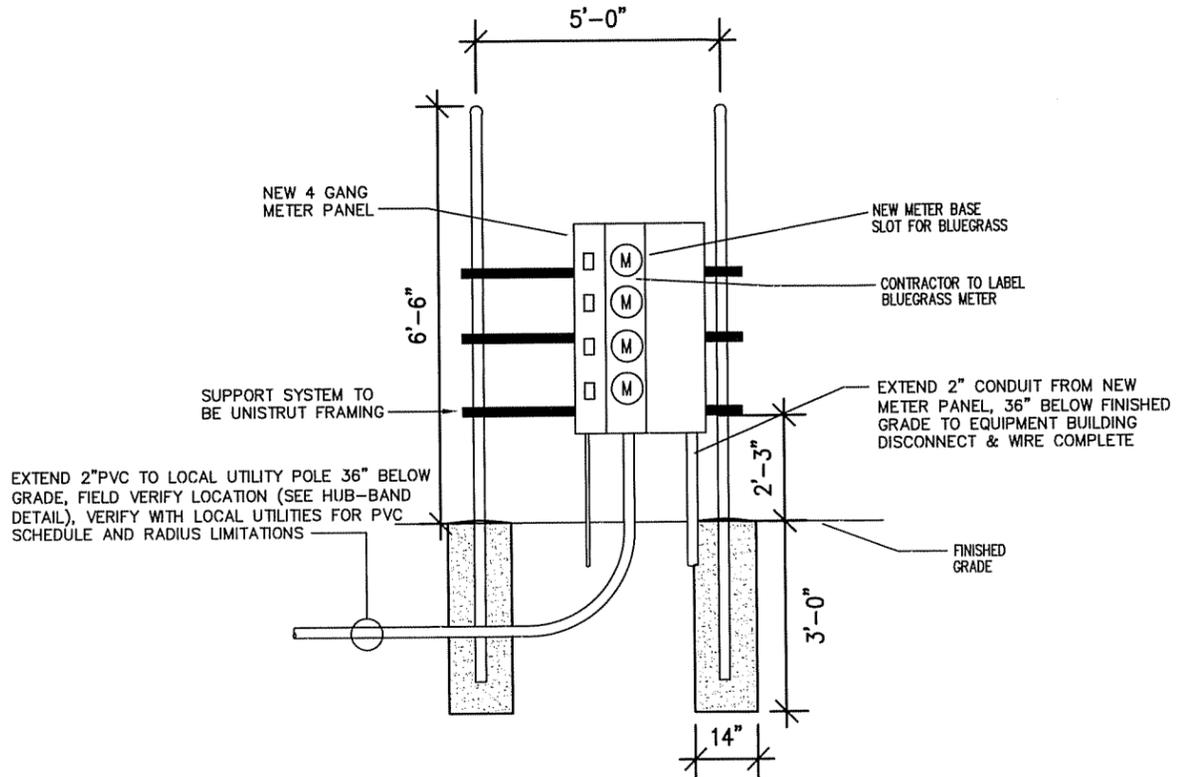
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
 330 FIRE DEPT. RD. BREEDING, KY. 42715

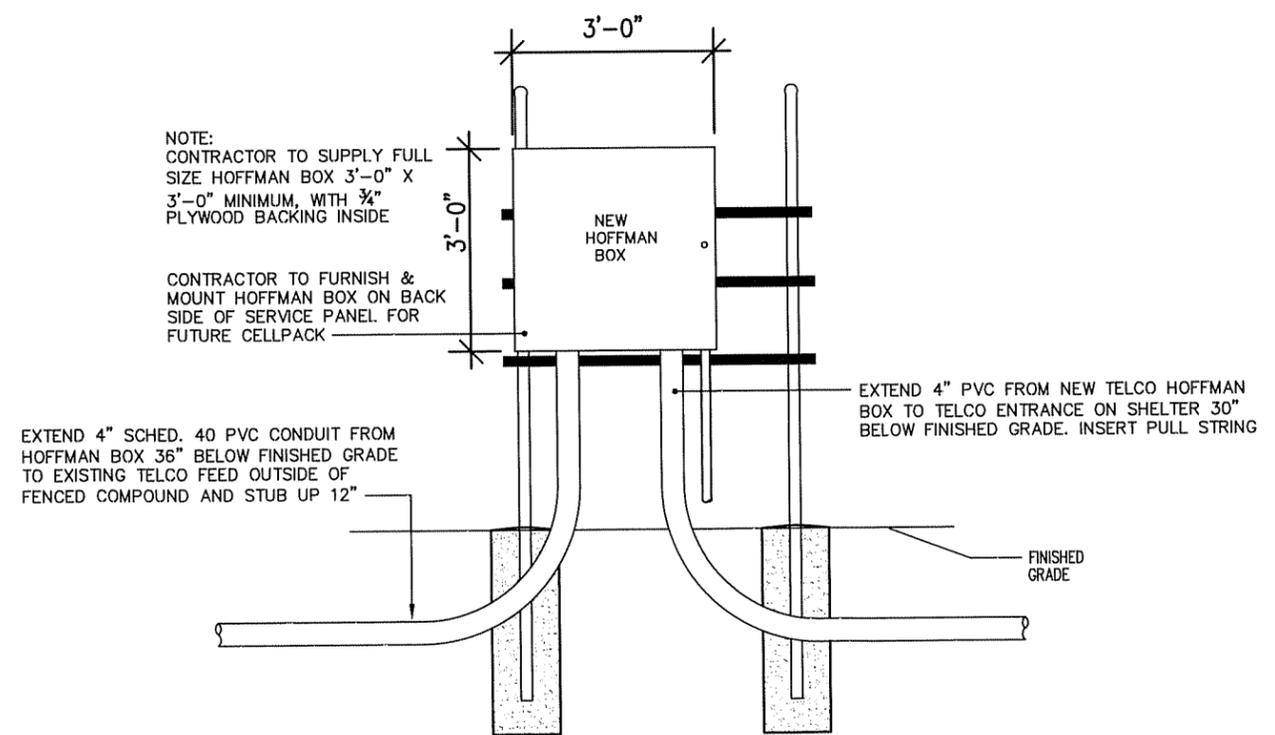
DRAWN BY: R. BECKER	ISSUE DATE: 12-11-07	SCALE: LISTED
SHEET NUMBER		
E-1		



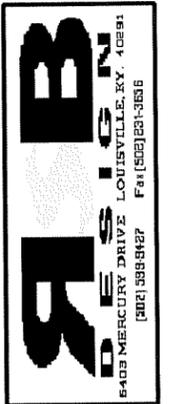
HUB-BAND DETAIL
NO SCALE



SERVICE BOARD DETAIL
NO SCALE



BACKBOARD DETAIL
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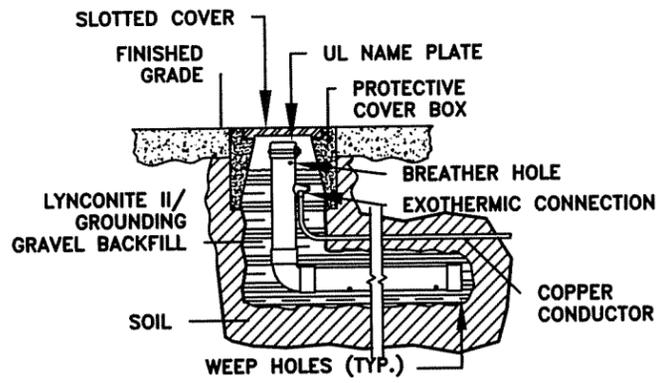


NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
330 FIRE DEPT. RD. BREEDING, KY. 42715

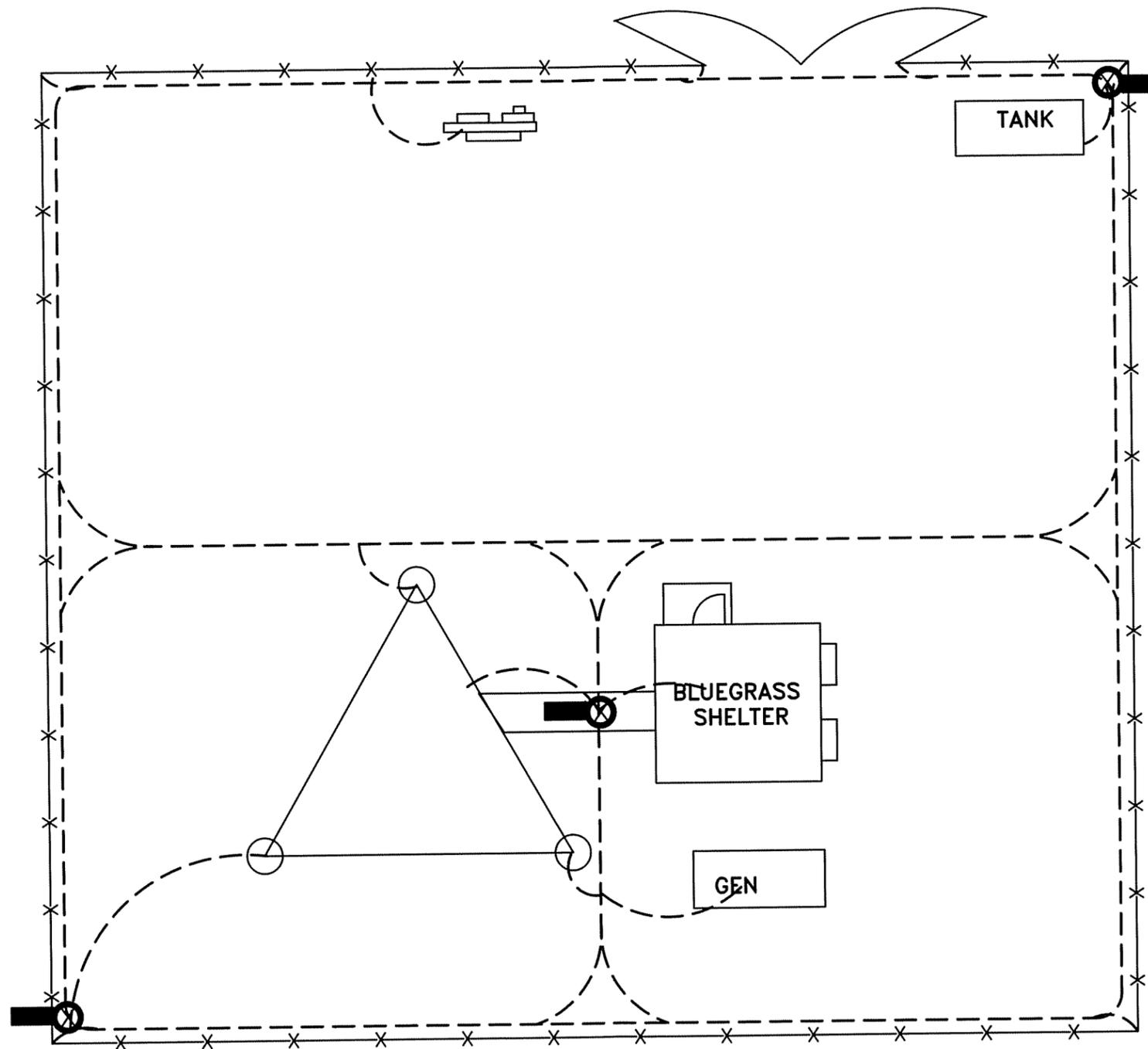
DRAWN BY: R. BECKER
ISSUE DATE: 12-11-07
SCALE: LISTED

SHEET NUMBER
F-2



L-SHAPE MODEL
LYNCOLE XIT GROUNDING
(800) 962-2610

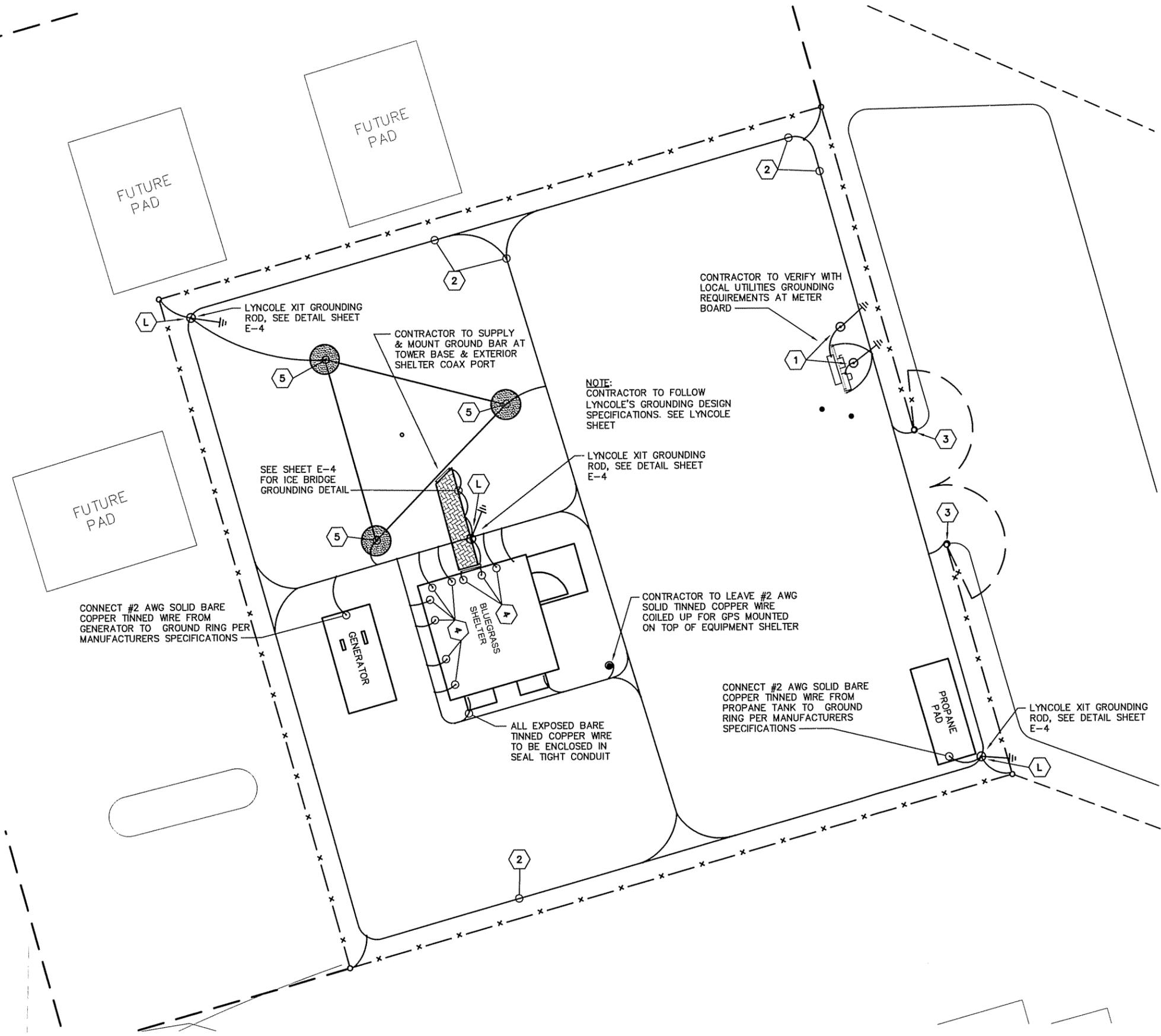
DETAIL



NOTES:

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

		CLIENT / END USER	
		RSB Design / Bluegrass, Inc.	
DRAWING	PROJECT NAME		
1	Sparksville Tower		
TITLE			
GROUNDING OPTION - REVISED			
LOCATION: CITY, STATE		CALCULATED RESISTANCE	
Breeding, KY		< 7 OHMS	
DRAWN BY	APPROVED BY	DATE	
RFW		12/26/07	
SOIL DATA PROVIDED BY		REFERENCE NUMBER	LTS NUMBER
Terracon		N/A	NONE 070325



GENERAL ELECTRICAL NOTES:

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

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

NOTE:
CONTRACTOR TO FOLLOW LYNCOLES GROUNDING SPECIFICATIONS WHEN USING THEIR XIT GROUNDING RODS. SEE DETAIL SHEET E-4.

KEYNOTES:

- (L) LYNCOLE XIT GROUNDING ROD TO BE INSTALLED WHERE SHOWN AND TO MANUFACTURERS SPECIFICATIONS. (SEE LYNCOLE SPECIFICATIONS)
- (1) GROUNDING RODS 10'-0" LONG x 3/4" COPPER BONDED GROUND RODS
- (2) INSTALL AND PROVIDE SOLID BARE TINNED COPPER WIRE #2 AWG, GROUND RING BELOW GRADE 30". USE #2 AWG SOLID BARE TINNED COPPER GROUND "TAP" CONNECTING CONDUCTORS. (CONNECTIONS FOR ALL TAP CONDUCTORS TO BE PARALLEL AND "CAD WELD" CONNECTIONS)
- (3) FLEXIBLE GROUNDING STRAP TO BE USED TO PROVIDE A COMMON BOND BETWEEN GATE AND CHAIN LINK FENCE. #2 AWG SOLID COPPER BARE TINNED CONDUCTOR FROM GROUND RING TO FENCE USING CAD WELD CONNECTIONS. GROUND TAP TO BE PROVIDED ON EACH 4 SIDES TO GROUND RING AS DESCRIBED ABOVE.
- (4) BONDED GROUND TO BE PROVIDED TO GROUND RING FOR EACH OF THE FOLLOWING: BUILDING STEEL, HATCH PLATE, EMERGENCY RECEPTACLE, WAVE GUIDE STRUCTURE, FRAME WORK, BUILDING DISCONNECT.
- (5) FOR TOWER FRAME GROUNDING, REMOVE GALVANIZED COATING COMPLETELY AT SPOT TO "CAD WELD" TO AND CLEAN. #2 AWG SOLID BARE TINNED COPPER CONDUCTOR TO BE CAD WELDED APPROXIMATELY 1'-0" ABOVE FOUNDATION OR AT FLANGE IF PROVIDED BY TOWER MANUFACTURER. EXTEND CONDUCTOR TO GROUND RING. RIGHT ANGLES NOT ACCEPTED ALL BENDS TO BE SWEEPING.

SITE PLAN-GROUNDING

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

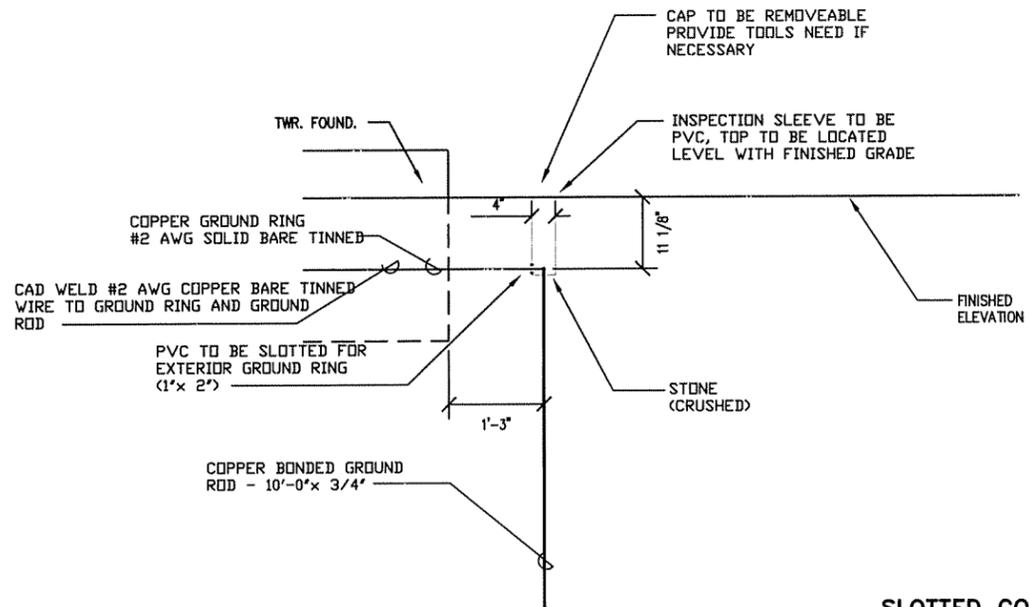
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
330 FIRE DEPT. RD. BREEDING, KY. 42715

(602) 395-5427 Fax (602) 395-3656

NO.	DATE	REVISION

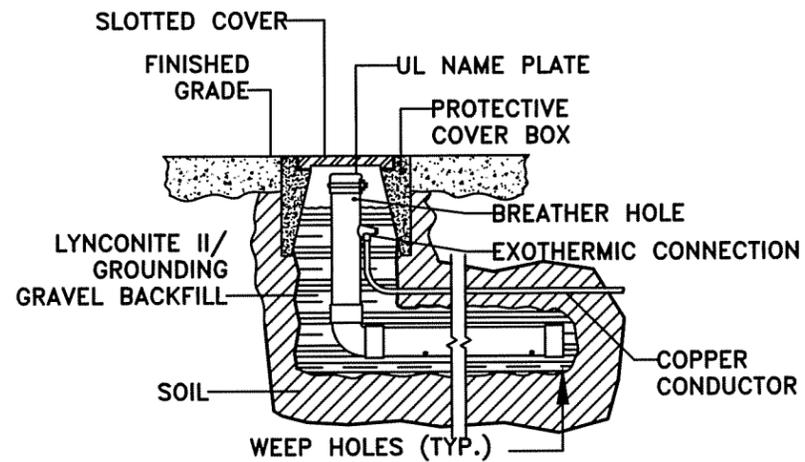
DRAWN BY: **R. BECKER**
ISSUE DATE: **12-11-07**
SCALE: **LISTED**

SHEET NUMBER
E-3



GROUND ROD DETAIL

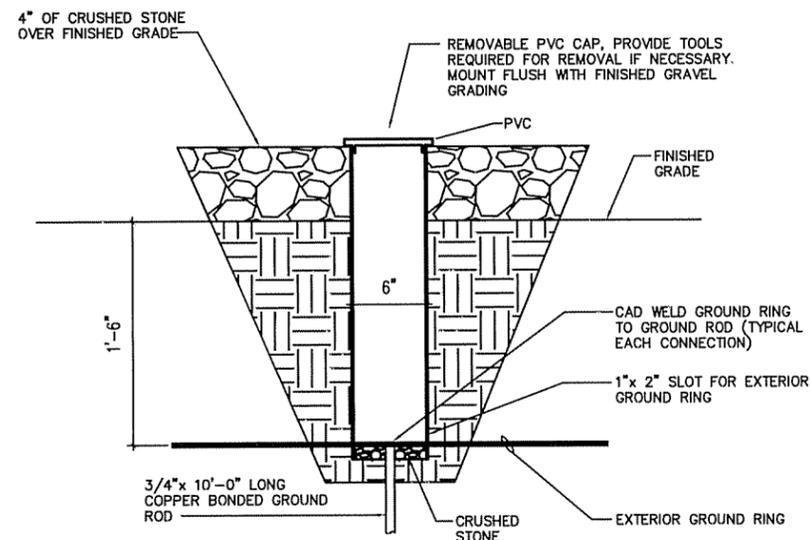
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L-SHAPE MODEL
LYNCOLE XIT GROUNDING
(800) 962-2610

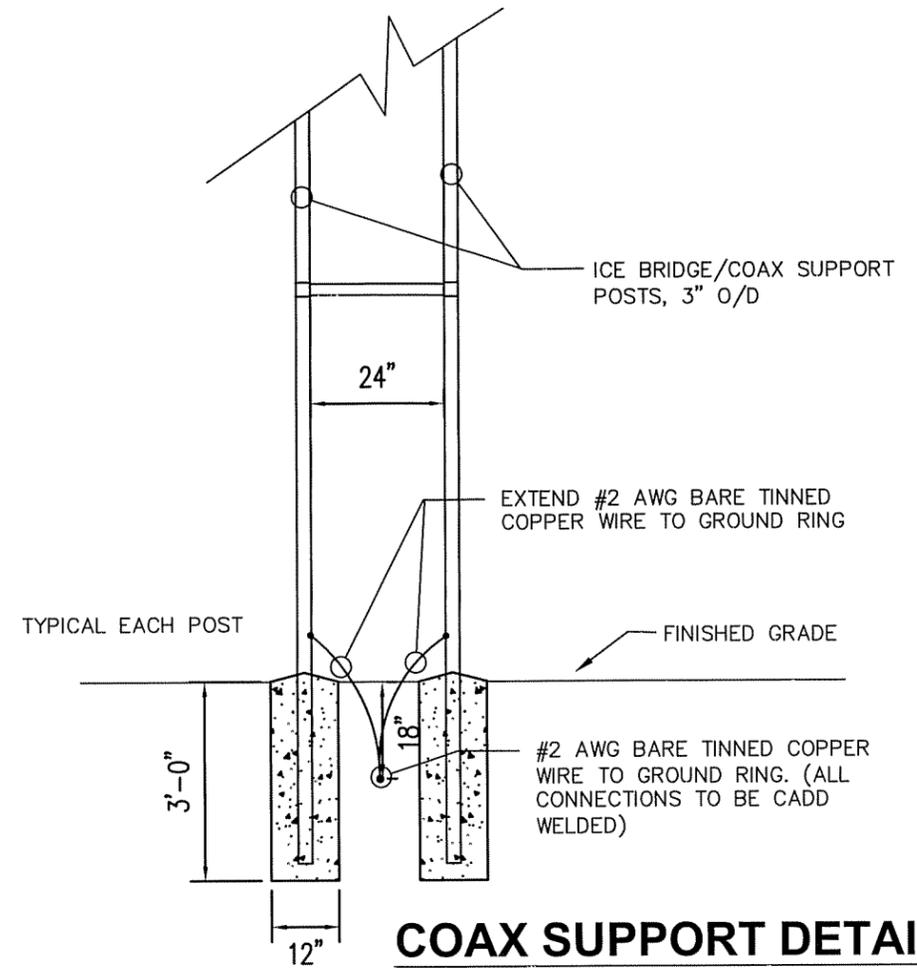
LYNCOLE XIT ROD DETAIL

NO SCALE



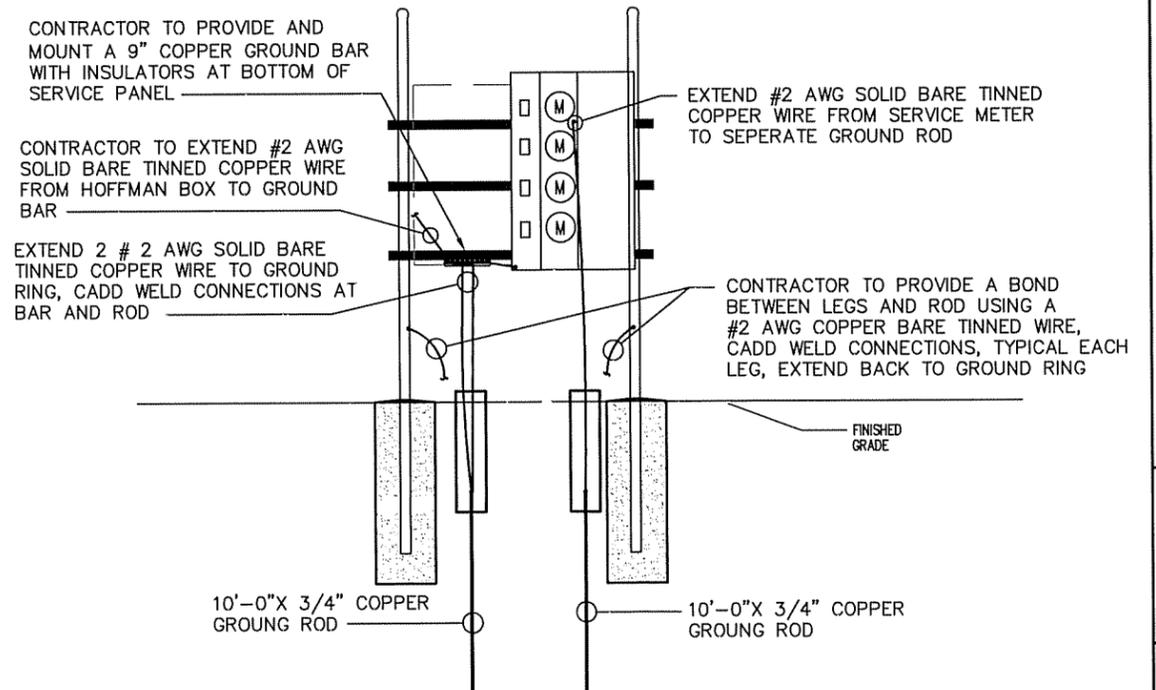
GROUND SLEEVE DETAIL

NO SCALE



COAX SUPPORT DETAIL

NO SCALE



SERVICE BOARD DETAIL

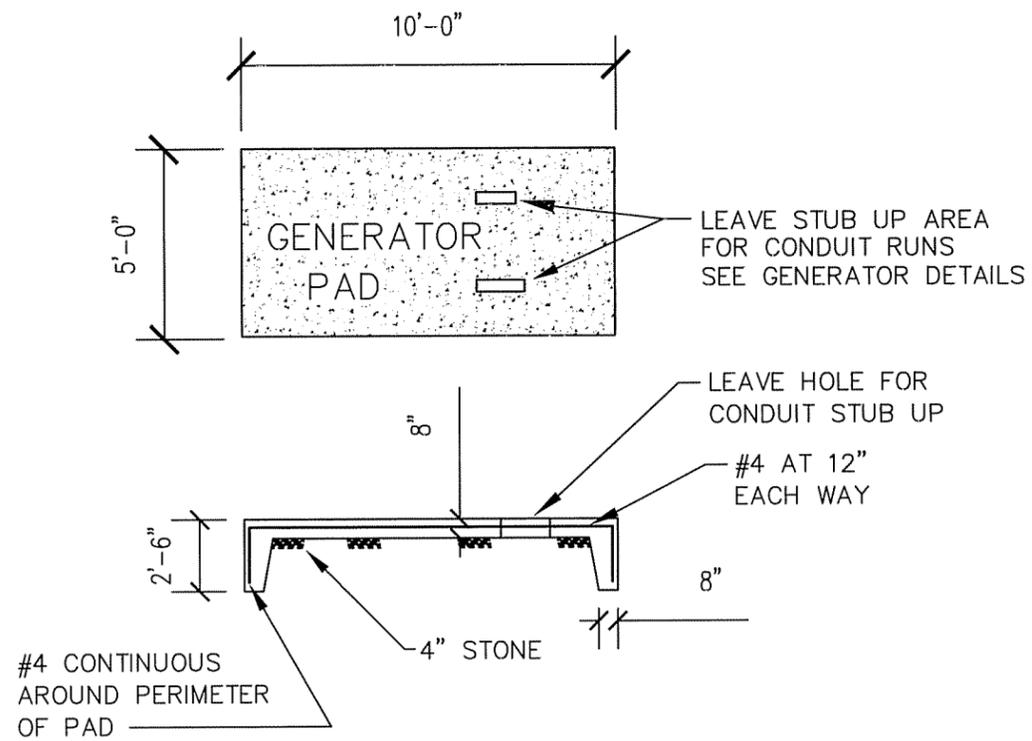
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REVISION				
NO.	DATE			

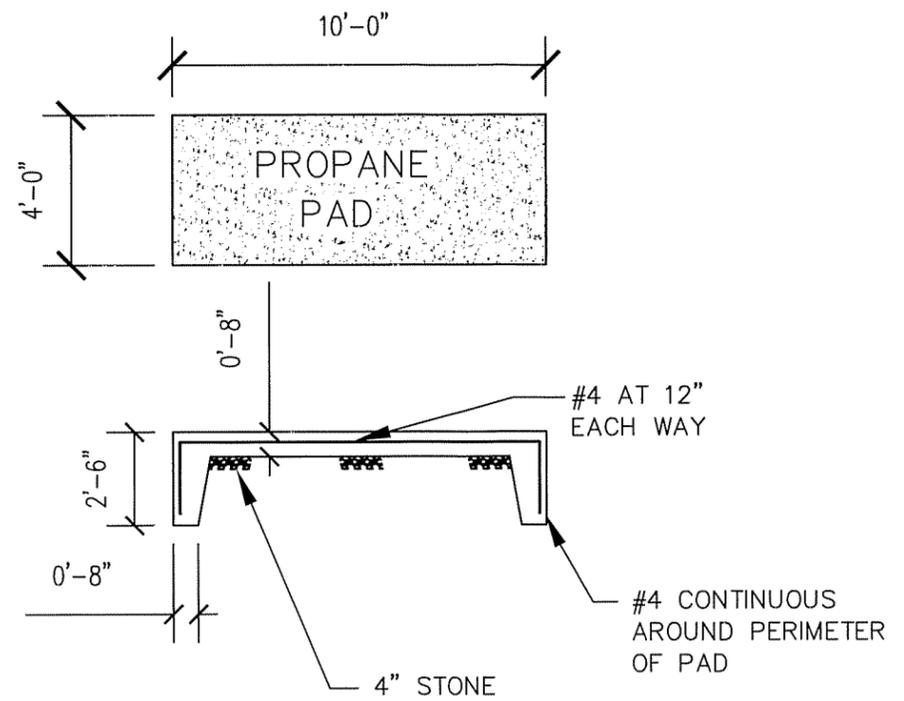
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
330 FIRE DEPT. RD., BREEDING, KY. 42715

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SHEET NUMBER E-4		



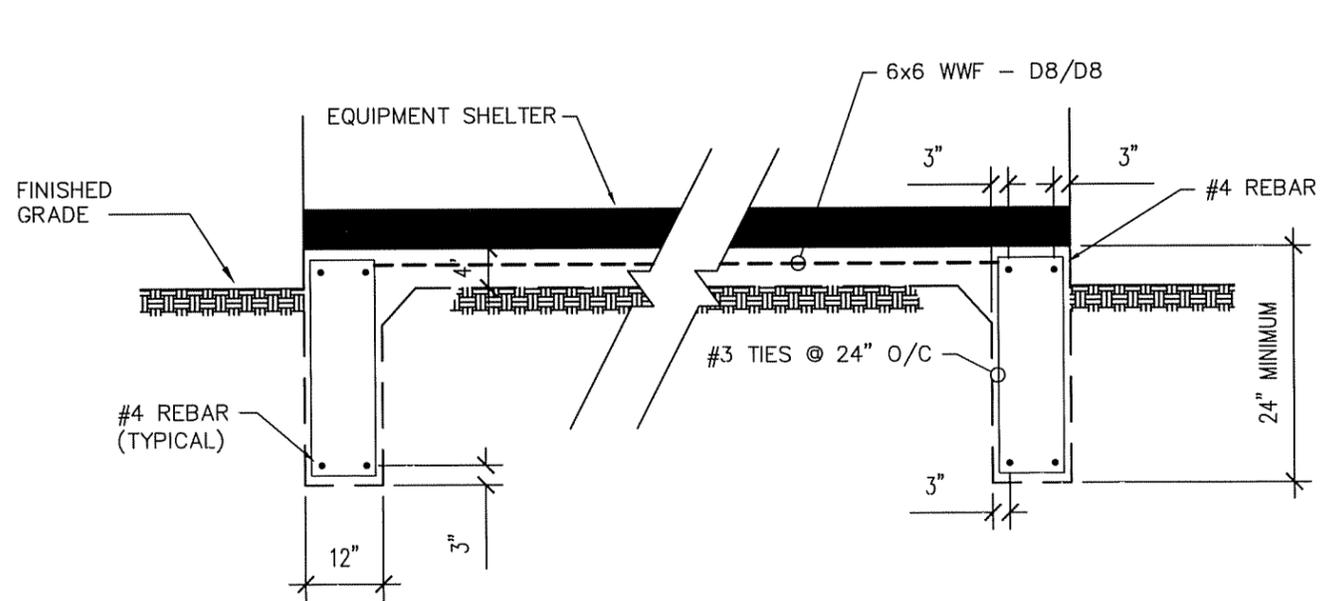
FOUNDATION DETAIL

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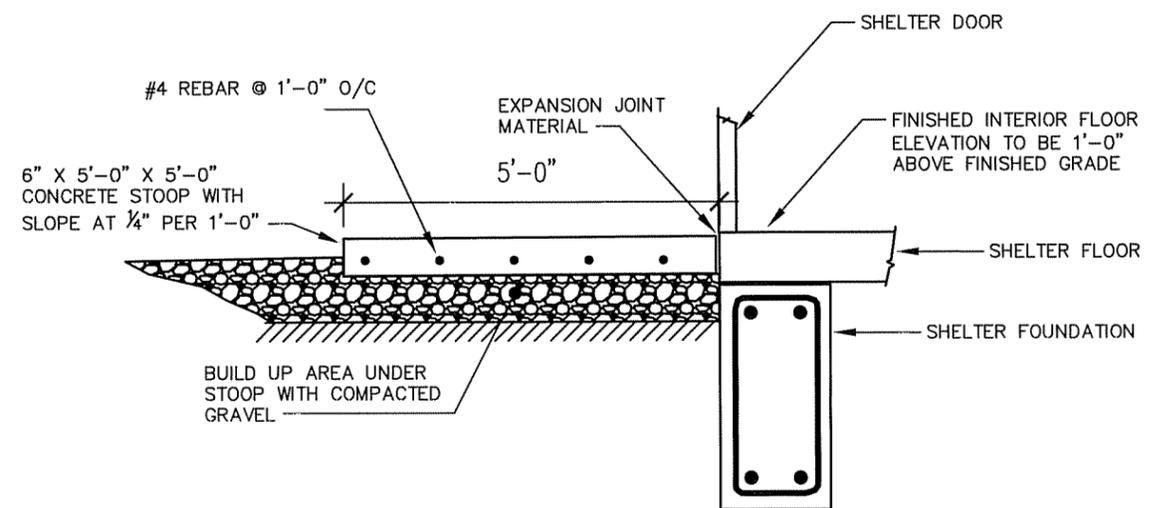
FOUNDATION DETAIL

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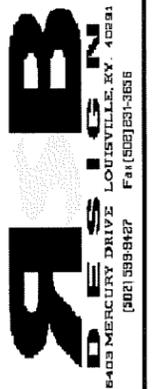
SHELTER FOUNDATION PLAN

NO SCALE



CONCRETE STOOP DETAIL

NO SCALE



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
 330 FIRE DEPT. RD. BREEDING, KY. 42715

DRAWN BY: R. BECKER	ISSUE DATE: 12-11-07	SCALE: LISTED
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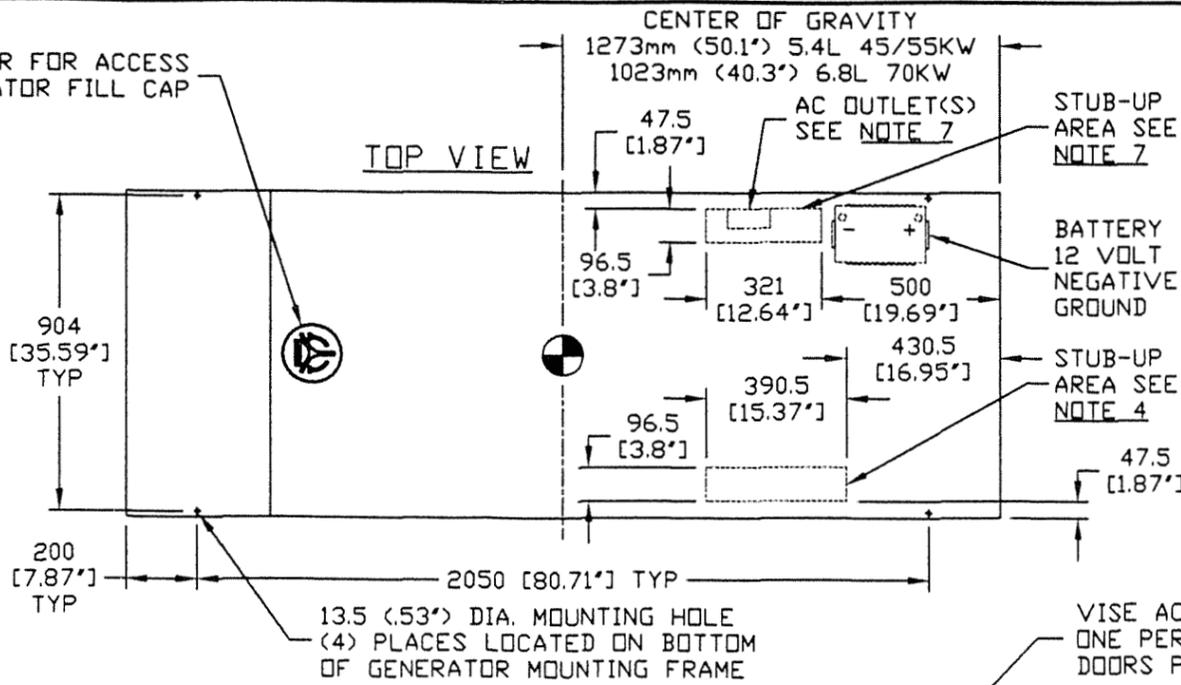
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 S-1

OG1407

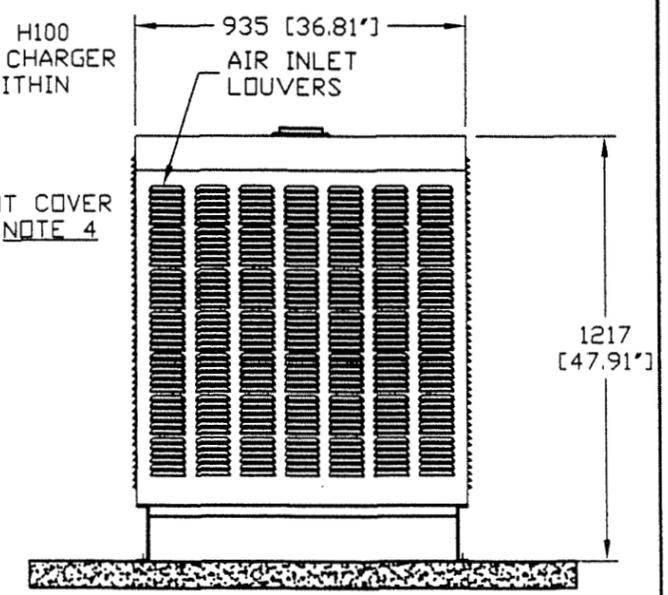
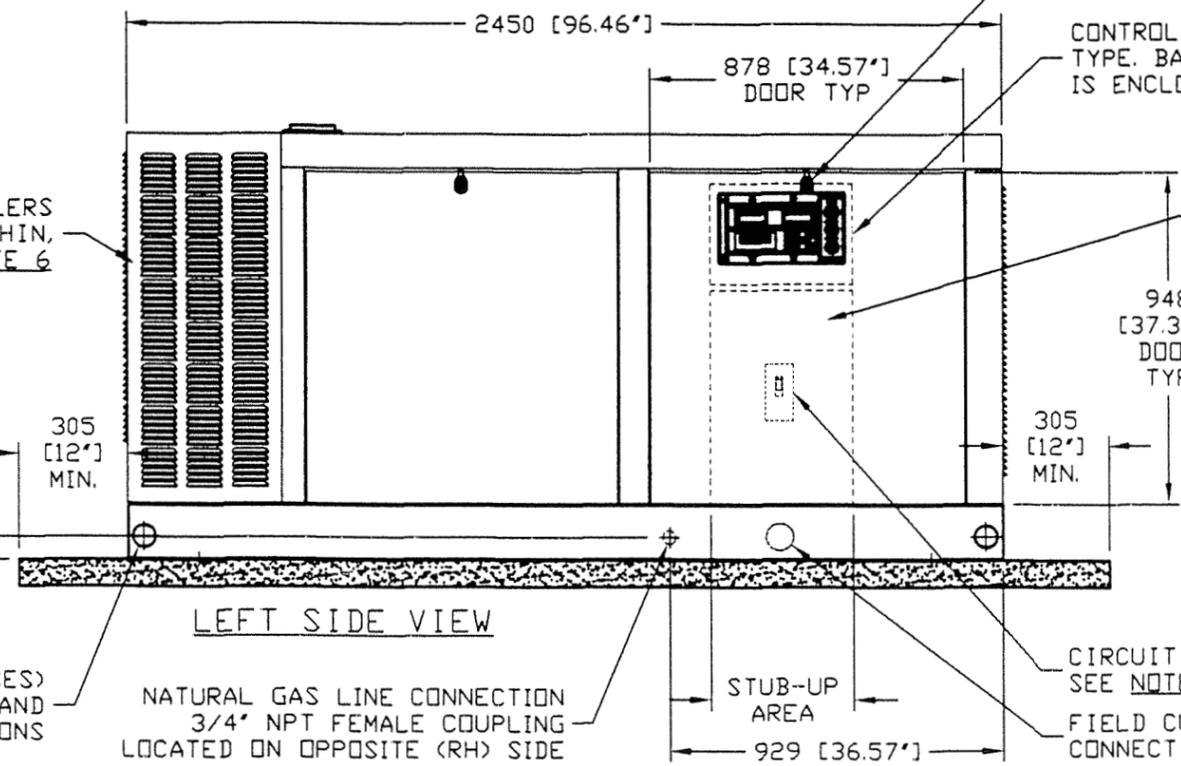
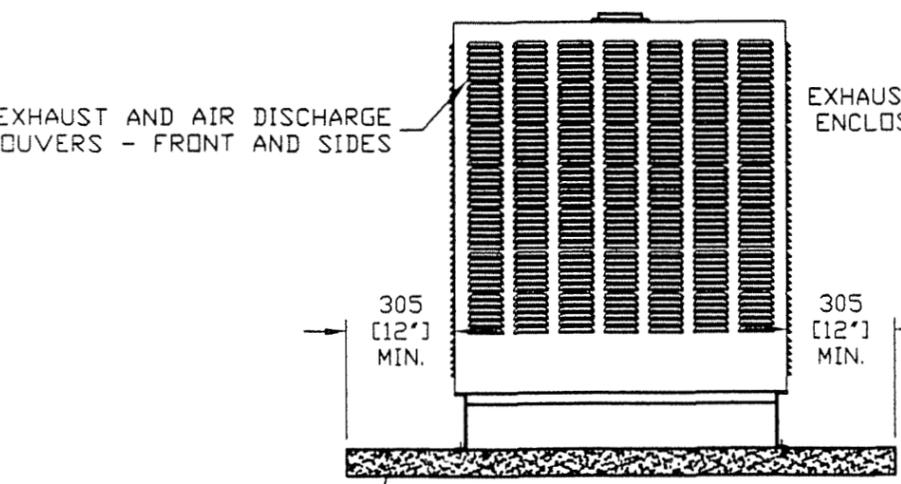
SERVICE ITEM ACCESSIBILITY CHART		
SERVICE ITEM	5. 4L 45/55KW	6. 8L 70KW
OIL FILL CAP	THRU RIGHT FRONT DOOR	
OIL DIP STICK	THRU LEFT FRONT DOOR	
OIL FILTER	THRU LEFT FRONT DOOR	
OIL DRAIN HOSE	THRU RIGHT FRONT DOOR	
RADIATOR DRAIN HOSE	THRU LEFT FRONT DOOR	
AIR CLEANER ELEMENT	EITHER FRONT DOOR	
SPARK 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

- 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.



WISE ACTION LATCH, ONE PER DOOR, TWO LIFT-OFF DOORS PER SIDE OF GENERATOR



CONCRETE MOUNTING PAD SEE NOTE 1

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

WEIGHT DATA	
5. 4L 45/55KW	- 895KG (1973 LB)
6. 8L 70KW	- 991KG (2185 LB)
WOODEN SHIPPING SKIDS INCREASE OVERALL WEIGHT 79KG (175LB)	

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INSTALL DRAWING
5.4L/6.8L IND C3

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

INSTALLATION DRAWING

FILE NAME	OG1407.DWG	SIZE	B
SCALE	1 = 20	FIRST USE	INDUSTRIAL QT SERIES
DWG NO.	OG1407	REV	*

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 VISITING THE SITE PRIOR TO BIDDING AND REVIEWING 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 AMPLE NOTICE.

4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING, PLEASE PROVIDE AMPLE NOTICE.

5) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH FINAL TEST RESULTS ON ALL MATERIALS TESTING. IF ANY PROBLEMS ARE FOUND PRIOR TO FINAL RESULTS PLEASE NOTIFY A&E OR OWNER IMMEDIATELY.

6) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJOINING PROPERTY, AND REPAIRING OR REPLACING WHAT IS NECESSARY TO OWNERS APPROVAL.

7) THE CONTRACTOR IS TO VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION STARTING, ANY PROBLEMS OR CHANGE FOUND CONTACT A&E OR OWNER TO VERIFY.

8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE TOWER AND CONTACTING PROPER AUTHORITIES IF ANY LIGHTING PROBLEMS OCCUR, ALL FINAL LIGHTING TO BE MOUNTED ON TOWER DURING CONSTRUCTION, NOTIFY OWNER WHEN TOWER HAS REACHED FINAL HEIGHT.

9) THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE WORK MEANS AND METHODS.

10) CONTRACTOR, ANY CONTRACTOR EMPLOYEES OR REPRESENTATIVES, OR SUB-CONTRACTOR, ANY SUB-CONTRACTOR EMPLOYEES OR REPRESENTATIVES, WILL CONFORM TO ALL LAWS AND REGULATIONS APPLICABLE TO THE WORK BEING PERFORMED, INCLUDING BUT NOT LIMITED TO, ALL OCCUPATIONAL SAFETY AND HEALTH ACT ("OSHA") STATUTES AND REGULATIONS AS WELL AS ALL OTHER FEDERAL, STATE AND/OR LOCAL LAWS OR REGULATIONS APPLICABLE TO THE WORK BEING PERFORMED BY CONTRACTOR.

11) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE, AND PROVIDING SILT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY RUN OFF.

12) THE CONTRACTOR IS RESPONSIBLE FOR ALL SEED AND STRAW WORK NECESSARY TO REPAIR DAMAGED AREAS.

13) CONTRACTOR TO GRADE SMOOTH OR REPAIR ANY POT HOLES OR DITCHING ON PROPERTY OR ROAD THAT HAS OCCURRED DURING CONSTRUCTION AT CONTRACTORS EXPENSE.

14) CONTRACTOR'S RESPONSIBILITIES REGARDING BUILD OUT ON FIBREBOND EQUIPMENT SHELTERS TO INCLUDE:

- * INSTALLING THE DOOR CANOPY
- * INSTALLING EXTERIOR LIGHT ON WALL DETERMINED BY PROJECT SUPERVISOR AND PHOTOCCELL REQUIREMENTS
- * INSTALLING INTRUDER ALARMS
- * CHECK OPERATIONS OF DOOR AND DOOR HARDWARE
- * ADJUST WEATHERSTRIPPING ON DOORS AS NEEDED
- * INSPECT ROOF FOR DAMAGE AND POSSIBLE LEAKS
- * INSPECT INTERIOR FINISH FOR IMPERFECTIONS AND REPAIR AS NEEDED
- * CHECK OPERATION OF LIGHTS AND ELECTRICAL OUTLETS
- * CHECK OPERATION OF INTAKE AND EXHAUST LOUVERS AND ADJUST AS NEEDED
- * CHECK OPERATION OF ENVIRONMENTAL CONTROLS AND HVAC UNITS
- * INSTALL AND PAINT SHELTER TIE-DOWNS TO MATCH

15) INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.

16) INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.

17) GC WILL BE RESPONSIBLE FOR ALL CRANE OPERATIONS IN ORDER TO SET FIBREBOND BUILDING. COORDINATE BUILDING DELIVERY DATE THROUGH BLUEGRASS CELLULAR.

18) GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOWER WHEN APPLICABLE.

19) GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.

20) GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRIDGE.

21) GC WILL BE RESPONSIBLE FOR SCHEDULING PROPANE TANK DELIVERY AND HOOK-UP.

22) GC WILL BE RESPONSIBLE FOR COORDINATING THE CLEANING OF THE INSIDE OF THE BUILDING WITH THE PROJECT SUPERVISOR AFTER THE SITE HAS BEEN TURNED OVER TO THE OPERATIONS DEPARTMENT AND ALL TURN-UP PROCEDURES HAVE BEEN COMPLETED. THIS WILL INCLUDE SUPPLYING A 30 GALLON TRASHCAN, 30 GALLON TRASH BAGS, BROOM, DUST PAN AND DOORMAT FOR BUILDING.

23) GC TO VERIFY ALL BLUEGRASS CELLULAR EQUIPMENT DIMENSIONS & SPECIFICATIONS WITH MANUFACTURER'S DRAWINGS, (FIBREBOND, GENERAC, EASTPOINTE ETC.) PRIOR TO CONSTRUCTION. ADDRESS ANY ISSUES WITH PROJECT SUPERVISOR BEFORE WORK BEGINS.

24) ALL WAREHOUSE MATERIAL (LINES, ANTENNAS, MOUNTING HARDWARE, GENERATOR, TOWER FOUNDATION KIT, ETC.) WILL NEED TO BE PICKED UP BY GC.

25) GC WILL BE RESPONSIBLE FOR SCHEDULING GENERATOR START-UP WITH CONTACT SCOTT ANDERSON (EVAPAR) 502-267-6315

26) T1 CONDUIT WILL NEED TO BE PLACED FROM POLE TO BUILDING. (IF A MICROWAVE DISH IS USED, THE T1 CONDUIT WILL STILL BE INSTALLED FOR FUTURE USE.)

27) GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL FENCING.

28) ALL TRASH AND DEBRIS TO BE REMOVED BY GC

29) GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE AND PAYING NECESSARY FEES REQUIRED.

30) GC WILL BE RESPONSIBLE FOR SUPPLYING & INSTALLING PROTECTIVE END CAPS ON ANY EXPOSED THREADED ROD OR UNISTRUT USED ON SITE. VERIFY TYPE WITH PROJECT SUPERVISOR PRIOR TO INSTALLATION.

31) GC WILL BE RESPONSIBLE FOR HAVING A CERTIFIED ELECTRICIAN HOOK UP THE BATTERIES (IMMEDIATELY) AFTER POWER HAS BEEN TURNED UP AT THE SITE, PREVENTING THE DELAY OF ANY WORK FOR OPERATIONS. THE GENERAL CONTRACTOR MUST NOTIFY THE PROJECT SUPERVISOR IMMEDIATELY AT THIS TIME SO HE CAN COORDINATE A CELL TECH TO BE ONSITE WHEN THIS OCCURS.

32) GC WILL BE RESPONSIBLE FOR RUNNING (CAT5) FROM THE GENERATOR ALARM PANEL MOUNTED ON THE SIDE OF THE TRANSFER SWITCH (BY THE CONTRACTOR), THROUGH THE TRANSFER SWITCH AND UP TO THE EXISTING CONDUIT BESIDE THE A/C POWER FAIL RELAY. THE (CAT5) WILL BE PULLED THROUGH EXISTING CONDUIT AROUND THE SHELTER AND EXTENDED TO THE ALARM BLOCK. THERE SHOULD BE A MINIMUM 3'-0" OF (CAT5) LEFT HANGING ON EACH END FOR THE CELL TECH TO HOOK UP THE GENERATOR ALARMS.

33) GC MUST SUBMIT A COPY OF THE BUILDING PERMIT AND CONSTRUCTION SCHEDULE TO THE PROJECT SUPERVISOR PRIOR TO RECEIVING (NTP) TO BEGIN CONSTRUCTION (NO EXCEPTIONS).

GRADING & EXCAVATING NOTES:

1) ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, ROADS AND PARKING AREAS TO BE REPAIRED OR REPLACED TO OWNERS SATISFACTION.

2) PREPARATION FOR FILL: REMOVAL OF ALL DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, TOPSOIL, VEGETATION, AND HARMFUL MATERIALS FROM SURFACE OF GROUND PRIOR TO PLOWING, STRIPPING, PLACING FILLS OR BREAKING UP OF SLOPED SURFACES GREATER THAN 1 VERTICAL TO 4 HORIZONTAL SO MATERIAL FOR FILL WILL BOND TO EXISTING SURFACE. WHEN AREA TO RECEIVE FILL HAS A DENSITY LESS THAN REQUIRED, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, AERATE, MOISTURE - CONDITION, OR PULVERIZE SOIL AND RECOMPACT TO REQUIRED DENSITY.

3) BACK FILLING:
 - EXCAVATED AREA SHALL BE CLEARED FROM STONES OR CLOUDS OVER 2 1/2" MAXIMUM DIAMETER
 - SHALL BE PLACED IN LAYERS OF 6" AND COMPACTED TO A 95% STANDARD PROCTOR, USE A 90% PROCTOR IN GRASSED / LANDSCAPED AREAS WHERE REQUIRED.
 - SHALL BE APPROVED MATERIALS CONSISTING OF SANDY CLAY, GRAVEL AND SAND, SOFT SHALE, EARTH OR LOAM. CONSULT WITH OWNER PRIOR TO FILL BEING ADDED.

4) ALL MATERIAL FOR FILL TO BE APPROVED BY OWNER AND ALL COMPACTING TEST TO BE COMPLETED TO SPEC'S ALL COMPACTING RESULTS TO BE TURNED OVER TO OWNER.

5) AFTER COMPLETION OF BELOW GRADE EXCAVATING, AREA TO BE CLEANED 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 UNFROZEN 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 FILLED WITH THE SAME QUALITY CONCRETE SPECIFIED FOR THE FOUNDATION. PLEASE NOTIFY THE PROJECT SUPERVISOR AND THEY WILL HAVE A 3RD PARTY ENGINEERING FIRM CONTACT YOU WITH RECOMMENDATIONS.

8) MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATIONS TO BE USED IF EXCAVATION EXCEEDED THE OVERALL REQUIRED DEPTH. FOR STABILIZATION OF THE BOTTOM OF THE EXCAVATION, CRUSHED STONE MAY BE USED. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS. PLEASE NOTIFY THE PROJECT SUPERVISOR AND THEY WILL HAVE A 3RD PARTY ENGINEERING FIRM CONTACT YOU WITH RECOMMENDATIONS.

9) EXCAVATION TO COMPOUND TO INCLUDE WEED CONTROL MAT.

10) SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL (CROWNED FORMATION)

11) GC WILL BE RESPONSIBLE FOR REPAIR OF ALL AREAS DISTURBED DURING CONSTRUCTION. (EXCAVATING ISSUES)

SYMBOLS LEGEND

- KEYNOTE
- INSPEC. SLEEVE / GRND ROD
- INSPECTION SLEEVE
- CAD WELD CONNECTION
- TRANSFORMER
- LIGHTNING SUPPRESSOR
- SWITCH (DISCONNECT)
- METER PACK
- POWER
- GAS LINE
- WATER LINE
- SANITARY SEWER
- TELEPHONE
- STORM SEWER DRAIN
- FENCE

"BEFORE YOU DIG"

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE UTILITY PROTECTION CENTER, PHONE 1-800-752-6007, WHICH WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. ALL NEW SERVICE AND GROUNDING TRENCHES PROVIDE A WARNING TAPE @ 12 INCHES BELOW GRADE.



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SPARKSVILLE
 330 FIRE DEPT. RD. BREEDING, KY. 42715

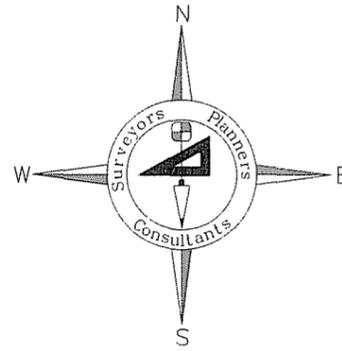
DRAWN BY: R. BECKER
 ISSUE DATE: 12-11-07
 SCALE: LISTED

SHEET NUMBER
General Notes

C

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 Adair County, Kentucky

Sparksville Site Adair County, Kentucky

From the Adair County courthouse in downtown Columbia, Kentucky: travel southwesterly on Kentucky Highway 80 for about 0.4 miles to the north intersection of Kentucky Highway 80 and Kentucky Highway 61; continue southwesterly on Kentucky Highway 80 and Kentucky Highway 61 for about 2.2 miles to the south intersection of Kentucky Highway 80 and Kentucky Highway 61; continue southwesterly on Kentucky Highway 61, crossing over the Cumberland Parkway at 0.1 miles, for about 9.5 miles to Fire Department Lane; turn right onto Fire Department Lane and travel southwesterly 0.2 miles to the Breeding Area Volunteer Fire Department on the right or north side of the road; the tower site is behind the fire department building. The address of the site is 330 Fire Department Lane, Breeding, Kentucky 42715.

Darren L. Helms

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

Nov. 30, 2007

Date



Site Name: Sparksville

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 30th day of July, 2007, by and between Breeding Area Volunteer Fire Department, Inc. whose address is P.O. Box 5, Breeding, KY 42715 (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 Adair 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: Sparksville

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 Jan 30, 2009 (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: Sparksville

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: Sparksville

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: Sparksville

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: **P.O. Box 5, Breeding, KY 42715**; the Optionee's address shall be: **2902 Ring Road, Elizabethtown, KY 42701**. Any inquiry by the Optionor to the Optionee regarding the terms and conditions of the Option Agreement or Lease Agreement, or otherwise related to the Option Agreement or Lease Agreement, shall be made in writing and submitted to the attention of the Optionee's Lease Administrator at the above address.
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 Adair 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 **six (6) 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

Site Name: Sparksville

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%.

2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of Four Thousand Eight Hundred Dollars and Zero Cents (\$4,800.00) yearly, to be paid in advance. All rent payments shall be personally delivered or mailed to the Optionor(s) at the address set forth in Paragraph 14 hereof. Any check payment of the rent due under the Lease shall be payable to the order of Optionor(s).
3. The Optionee shall be entitled to use and occupy the Property for the purpose of erecting, maintaining and operating a communications tower and communications facilities thereon and for all such other uses as Optionee may, in its sole discretion, deem necessary in connection therewith. In the event the sewer line on the Property is damaged as a result of construction of the communications tower, Optionee shall pay Optionor Three Hundred Dollars (\$300.00). Optionee's total liability for sewer line damage, if any, shall not exceed this one-time three hundred dollar payment.
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

Site Name: Sparksville

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 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

Site Name: Sparksville

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.
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: Sparksville

EXECUTION OF AGREEMENT(S)

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

Breeding Area Volunteer Fire Department, Inc

Cumberland Cellular Partnership,
d/b/a Bluegrass Cellular, a Kentucky general
partnership

Breeding Area Volunteer Fire Dept
Date: 7-30-07
("Optionor(s)")

[Signature]
Date: 8/8/07
("Optionee")

By: [Signature] / Nathan Jennings
Title: Chief / Chairman

By: Ron Smith
Authorized Representative

Site Name: Sparksville

STATE OF Kentucky
COUNTY OF Adair

The foregoing instrument was acknowledged before me this 30th day of July,
2007, by Cherry Harvey & Nathan Jennings to be his/her free act and deed.

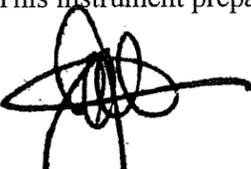
Linda Jennings
NOTARY PUBLIC STATE AT LARGE
My commission expires: 7-26-08

STATE OF KENTUCKY
COUNTY OF HARDIN

This instrument was acknowledged before me this 8 day of August,
2007 by Ron Smith of Cumberland Cellular Partnership, d/b/a Bluegrass Cellular on behalf of the
general partnership

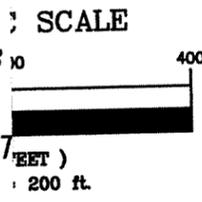
Jill Vici
NOTARY PUBLIC STATE AT LARGE
My commission expires: 1-21-09

This instrument prepared by:



John E. Seent
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300

Danny and Melissa Fudge
 480 Fire Dept Ln
 Breeding, KY 42715
 PVA Map No. 017-008



Storage Tank
 Water Stand

Adair County Water District
 109 Grant Lane
 Columbia, KY 42728
 PVA Map No. N/A

are approximate, and they are based
 in the office of the Property Valuation
 Agency, Kentucky.

Certification

shown is correct to the best of my
 with the records found in the office
 of the Surveyor of Adair County, Kentucky on

STATE OF KENTUCKY
 DARREN L. HELMS
 3386
 LICENSED
 PROFESSIONAL
 LAND SURVEYOR

Landmark Surveying Co., Inc.
 15 N.E. 3rd Street
 Washington, Indiana 47501
 (812) 257-0950
 Email: landmark@landmarksurvey.com
 Project No. 07-09-0157



500-Foot Radius Map
 330 Fire Dept Ln
 Breeding, Kentucky 42715

Bluegrass Cellular
 2902 Ring Road
 Elizabethtown, Kentucky 42701

REVISIONS	DATE

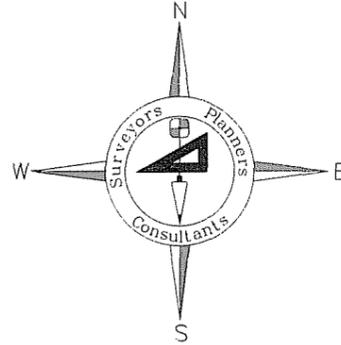
DATE 11-30-07	DRAWN BY A. Winkler	CHECKED BY D.L. Helms
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SHEET NO.
 1
 OF 1 SHEETS

FILE NO.
 Sparkville-radius.dwg

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
Sparksville Site
Adair County, Kentucky

Danny and Melissa Fudge
480 Fire Dept Ln
Breeding, KY 42715

Brian and Cindy Murley
915 Independence Road
Breeding, KY 42715

Adair County Water District
109 Grant Lane
Columbia, KY 42728

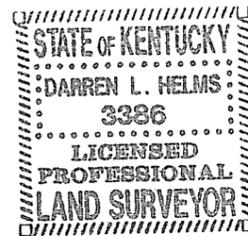
Mark and Connie Scott
9135 Burkesville Road
Columbia, KY 42728

Charles Gibson
2172 Breeding Loop
Breeding, KY 42715

Breeding Area Volunteer Fire
Department, Inc.
P.O. Box 5
Breeding, KY 42715

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

Nov. 30, 2007
Date



December 21, 2007

Mark and Connie Scott
9135 Burkesville Road
Columbia, Kentucky 42728

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.

Cumberland Cellular Partnership 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 330 Fire Dept. Lane, Breeding, Kentucky, 42715. 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 2007-00499 in our 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
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input checked="" type="checkbox"/> <i>Connie Scott</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: <i>Mark & Connie Scott 9135 Burkesville Rd. Columbia, KY 42728</i>	B. Received by (Printed Name) <i>Connie Scott</i> C. Date of Delivery
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
2. Article Number (Transfer from service label)	<i>7007 2560 0001 2145 5713</i>

December 21, 2007

Brian and Cindy Murley
915 Independence Road
Breeding, Kentucky 42715

Public Notice

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<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X <i>Brian Murley</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee
1. Article Addressed to: <i>Brian & Cindy Murley 915 Independence Road Breeding, KY 42715</i>	B. Received by (Printed Name) <i>BRIAN MURLEY</i> C. Date of Delivery <i>12-07-07</i>
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
2. Article Number (Transfer from service label)	<i>7007 2560 0001 2145 5706</i>

December 21, 2007

Charles Gibson
2172 Breeding Loop
Breeding, Kentucky 42715

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.

Cumberland Cellular Partnership 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 330 Fire Dept. Lane, Breeding, Kentucky, 42715. 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 2007-00499 in our 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	
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <i>Charles Gibson</i>	<input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee
1. Article Addressed to: Charles Gibson 2172 Breeding Loop Breeding, KY 42715	B. Received by (Printed Name) Charles Gibson	C. Date of Delivery 12-07-07
2. Article Number (Transfer from service label)	7007 2560 0001 2145 5690	
PS Form 3811, February 2004	Domestic Return Receipt	102595-02-M-1540

A. Signature
Charles Gibson

B. Received by (Printed Name)
Charles Gibson

C. Date of Delivery
12-07-07

D. Is delivery address different from item 1? No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7007 2560 0001 2145 5690

December 21, 2007

Adair County Water District
109 Grant Lane
Columbia, Kentucky 42728

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

Please refer to case number 2007-00499 in our correspondence.

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Rachel Bradshaw</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery <i>Rachel Bradshaw</i> <i>12-7-07</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:</p> <p><i>Adair County Water District 109 Grant Lane Columbia, KY 42728</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>7007 2560 0001 2145 5683</i></p>

December 21, 2007

Danny and Melissa Fudge
480 Fire Dept. Lane
Breeding, Kentucky 42715

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.

Cumberland Cellular Partnership 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 330 Fire Dept. Lane, Breeding, Kentucky, 42715. 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 2007-00499 in our 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
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>Melissa Fudge</i>
1. Article Addressed to: <i>Danny & Melissa Fudge 480 Fire Dept Lane Breeding, KY 42715</i>	B. Received by (Printed Name)* <i>MELISSA FUDGE</i> C. Date of Delivery <i>12-18-07</i>
2. Article Number (Transfer from service label) <i>7007 2560 0001 2145 5676</i>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

Dinsmore & Shohl LLP

ATTORNEYS

Kerry W. Ingle
(502) 540-2354 (Direct Dial)
kerry.ingle@dinslaw.com

December 4, 2007

VIA CERTIFIED MAIL

Adair County Judge Executive
One Courthouse Annex
424 Public Square.
Columbia, KY 42728

RE: Public Notice - Public Service Commission of Kentucky
Case No. 2007-00499

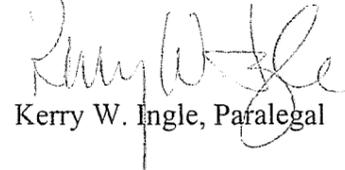
Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #5 in Adair County. The facility will include a 240 ft. tower and an equipment shelter to be located at 330 Fire Dept. Lane, Breeding, Kentucky, 42715. 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 2007-00499 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP



Kerry W. Ingle, Paralegal

Enclosure

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>NDA Lee 12-7-07</p>	
<p>1. Article Addressed to:</p> <p>Adair County Judge Executive One Courthouse Annex 424 Public Square Columbia, KY 42728</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
<p>2. Article Number (Transfer from service label)</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p> <p>7007 2560 0001 2145 5737</p>	

PUBLIC NOTICE
Construction of a proposed
highway to
connect a residential
development to
the highway system.
TOWER
The tower is a proposed
structure for the
development.
The tower is a proposed
structure for the
development.
The tower is a proposed
structure for the
development.

Project # 2007-00499
in your jurisdiction

PUBLIC NOTICE

Timberland Cellular Partnership
proposes to
construct a cellular
communications

TOWER

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

Company Name: Timberland Partnership
Person: P. S. J. Case
1327 Long Road
Baltimore, MD 21202
Phone: 410-528-1100

Please refer to P.S.J.
Case #2007-00499
in your correspondence.

NOTARIZED PROOF OF PUBLICATION

STATE OF KENTUCKY

COUNTY OF ADAIR

Before me, a Notary Public, in and for said County and State, this
19th day of December, 2007, came Whitney Keith,

personally known to me, who being duly sworn, states as follows:

That he is Bookkeeper of The Adair Progress,
(Title) (Name of Newspaper)

and that said publication of 12-13-07
(Date)

carried the advertising of Cumberland Cellular,
concerning Sparksville Cell Site,

occupying the following space: _____

Whitney Keith
(Signature)

Melanie Ollery
(Notary Public)

My commission expires: 06/10

NOTARIZED PROOF OF PUBLICATION

STATE OF KENTUCKY

COUNTY OF ADAIR

Before me, a Notary Public, in and for said County and State, this

19th day of December, 2007, came Whitney Keith,

personally known to me, who being duly sworn, states as follows:

That he is Bookkeeper of The Adair Progress,
(Title) (Name of Newspaper)

and that said publication of December 6, 2007
(Date)

carried the advertising of Cumberland Cellular,
concerning Sparkesville Cell Site,

occupying the following space: _____

Whitney Keith
(Signature)

Melanie Ollery
(Notary Public)

My commission expires: 06/10

CLASSIFIEDS

(PN) Public Notice

NOTICE TO CREDITORS
Administration has been granted by Adair County District Court upon the following estates:

1. James E. Woody, deceased, James Steven Woody, 4000 Burkesville Rd., Columbia, KY 42728, Executor.

2. Bobbie C. Willis, deceased, Nancy B. Willis 226 Rocky Hill Rd., Columbia, KY 42728, Executrix.

3. Ronnie Perkins, deceased, Barbara Barr 124 Dowell St., Campbellsville, KY 42718, Administrator.

4. Joan Blades, deceased, Kathy Walczak 5 Chechesse Bluff Cr., Okatie, SC 29909, Executrix.

5. Mayrine Rodgers, Deceased, Judy C. Rodgers 3160 Highway 61 North, Columbia, KY 42728, Executrix.

All persons having claims against said estates are notified to present them to the Administrator or Executor verified according to law not later than 6 months from date of this notice.

Dennis Loy, Clerk
Adair Circuit Court

FINAL SETTLEMENT

John Stephen Coomer, Executor of John H. Coomer estate, Elizabeth Grubbs and Bobby Willis Co-Administrators of Bertha Willis estate, Donnie Bunch, Executor of Sally H. Bunch estate, Margie Baker executrix of Stanley Baker estate, Patricia Antle, executrix of Mary H. Grant estate, Vernus Sneed Jr., Administrator of Allene Sneed estate have filed their final settlement to lay over until the 3rd Monday in December 2007 for exceptions.

Dennis Loy, Clerk
Adair Circuit Court

(F) Help Wanted

EPPERSON AIR CONDITIONING, HEATING, PLUMBING.

entertainment center. If you want to save money please call me first, 384-5676, leave a message. I'll call you back.

FOR SALE: GIRL TWIN SIZE BED WITH mattress set, electric hockey table, jr. girl jeans, size 8-10 boy clothing and size 11-12 ladies pants. Call 384-5396.

(K) Cars for Sale

FOR SALE: 2004 CHEVY IMPALA LS, excellent condition. Approx. 65,000 miles, 1 owner, \$10,500. Call after 5:00 p.m., 384-2255.

FOR SALE: 1984 PLYMOUTH RELIANT, 4 door. Garage kept, very clean, 4 new tires and new battery. 270-384-2935.

(L) Trucks For Sale

2002 FORD RANGER XLT, EXT., 4 DOOR cab 4x4, red, 71,000 miles, auto, 4.0 liter step side bed, AM/FM/CASS/CD, power everything, tilt, cruise, tow pkg. Excellent condition. 270-634-1022 or 378-4711.

(Q) Apartments For Rent

3 BEDROOM DUPLEX & 2 BR TRAILER; all electric, central H/A, appliances, W/D hookups, HUD approved. 270-250-2034 or 270-384-2111.

APARTMENT FOR RENT: 2 BR, 1 BATH, water, garbage furnished. \$395 rent, \$275 deposit. 385-9665, 1-502-543-6558.

1 BEDROOM APARTMENT, ALL ELECTRIC. Washer and dryer hookup. \$200 rent, \$300 deposit. 384-5413 or 384-5119.

APT. FOR RENT: HEARTLAND CIRCLE APTS. 2 bedroom, stove, ref., D/W, central H/A. 270-384-9869.

APT. FOR RENT: 2 BR, RANGE, REF., DW, dispose all, washer and dryer, central H/A, all electric on KY. 800 Page St. \$330 mo. Jim Caywood, 385-9740.

FOR RENT: 2 BR DUPLEX APT. CENTRAL heat/air. Refrigerator and elec. Range furnished. 1 bath,

SHINGLE, \$29,999.00. Pmts. As low as \$338 monthly for this 3 BR/2 bath home! Limited time. Call Luv Homes, Somerset. 606-676-0503.

IF YOU HAVE A DEED OR \$3,000 CASH YOU MAY still be able to own a home even if your credit is less than perfect. Call Luv Homes, Somerset for details, 606-676-0503.

1ST TIME HOME BUYER? Ask about special loans. Luv Homes, Somerset. 606-676-0503.

SEVERAL TRADE INS FOR SALE! Low payments 2 and 3 BR's, 1 used handyman D.W. Luv Homes, Somerset. 606-676-0503.

(V) Lots and Acreages

40.9 ACRES BEAUTIFUL PROPERTY IN Adair Co. Hunter's cabin, ponds, water, woods. Will divide. \$75,000. Owner, 859-273-4714.

(DD) Wanted

WANTING TO BUY NINTENDO DS GAMES. Interested in Shrek and Mario Bros. games. Call 384-1353, leave message if no answer.

(JJ) For Rent

COMMERCIAL OFFICE SPACE FOR RENT, approx. 1,300 sq. ft., city limits of Columbia. Deposit required. Call 385-9136 for more information.

Looking For Small Chest Freezer
Call 634-3556

1990 Chevrolet Silverado And Right Front Axle Good Motor Air \$600.00 O.B.O.

***WANT TO BUY* Farms or Acreage South Central Kentucky -ANY SIZE- QUICK closings with clear title. Call Glenn or Ronnie (270) 524-1980 www.hartcountytrealty.com**

ALL PAWS PET SHOP
Pet Hotel and Pet Shop
Luxury Pet Suites
New Hours
Monday - Friday 8-6
Saturday 10-2
We Now Carry Salt Water Fish And Supplies With More Varieties Of Tropical Fish
445 W. Walnut St. • Lebanon, Ky
Call 1-571-255-7197

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 (Sharpsville Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 330 Fire Dept. Lane, Breeding, Kentucky, 42715. 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. 2007-00499 in your correspondence.

NEW LARGER STORAGE UNITS

FOR RENT



Large enough for commercial storage
RENT BY THE MONTH!
Perfect for automobile or boat storage
Size 10x26 or 10x15
CALL TODAY TO RENT YOUR STORAGE SPACE
A&B Rental Storage
Hwy. 55N • Columbia, KY • 384-3943

I am a Debt Relief Agency.

I help people file for bankruptcy relief, under the bankruptcy code.

Tim Berry Falls

Attorney-at-Law
Ch. 7 & Ch. 13
Bankruptcy

300 E. Broadway
Columbia, KY 42719

If you have a warm Spirit, Compassion for

(R) House For Rent

HOUSE FOR RENT: LOCATED 210 WALL STREET, Columbia, Ky. 3 bedrooms, 2 baths, and carport. Serious calls only. 250-2323.

(S) Houses For Sale

2 STORY TOWNHOUSE FOR SALE. Located at 132 Colony Drive, Columbia, Ky. 3 bedrooms, 2 full baths, open den and kitchen downstairs. Large den and master bedroom upstairs, hardwood and carpet floors, new windows. House in super good condition. Call 270-385-9147, serious calls only. If no answer leave message.

(T) Mobile Homes For Rent

2-2 BEDROOM TRAILERS, \$250 MO., \$200 deposit. 384-5413 or 384-5119.

(U) Mobile Homes For Sale

CLAYTON HOMES, Bowling Green. \$3000 off lot models. No payments for 90 days. Hurry won't last. 502-782-8580.

FOR SALE: LARGE 4 BR, 2 BA, REPO doublewide on corner lot near Columbia, zero down. \$399 monthly. W.A.C. Omar's Oasis. 1-800-949-6627.

4 BRS, 5 BRS, 3 BATHS AND MORE. Extreme model DWs. Must see. 606-676-0503.

FACTORY SELECT VINYL/SHINGLE, \$29,999.00. Pmts. As low as \$338 monthly for this 3 BR/2 bath home! Limited time. Call Luv Homes, Somerset. 606-676-0503.

IF YOU HAVE A DEED OR \$3,000 CASH YOU MAY still be able to own a home even if your credit is less than perfect. Call Luv Homes, Somerset for details, 606-676-0503.

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(DD) Wanted

WANTING TO BUY NINTENDO DS GAMES. Interested in Shrek and Mario Bros. games. Call 384-1353, leave message if no answer.

(EE) Free

FREE WOODEN PALLETS-Can be picked up at The Adair Progress newspaper office, Grant Lane, Columbia. No phone calls please.

(JJ) For Rent

COMMERCIAL OFFICE SPACE FOR RENT, approx. 1,300 sq. ft., city limits of Columbia. Deposit required. Call 385-9136 for more information.

NEW LARGER STORAGE UNITS

FOR RENT

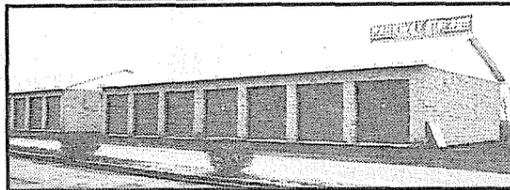


Large enough for commercial storage
RENT BY THE MONTH!
 Perfect for automobile or boat storage
 Size 10x26 or 10x15
CALL TODAY TO RENT YOUR STORAGE SPACE
A&B Rental Storage
 Hwy. 55N • Columbia, KY • 384-3943

STORAGE BUILDINGS

FOR RENT

**2 SIZES AVAILABLE
 10X15 AND 10X26**

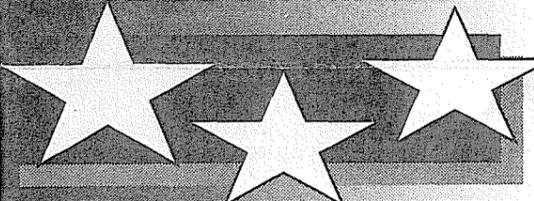


**RENT BY MONTH OR YEAR
 NEW PARKWAY
 STORAGE**
 Located behind Best Western Motel
PHONE 270-384-3943

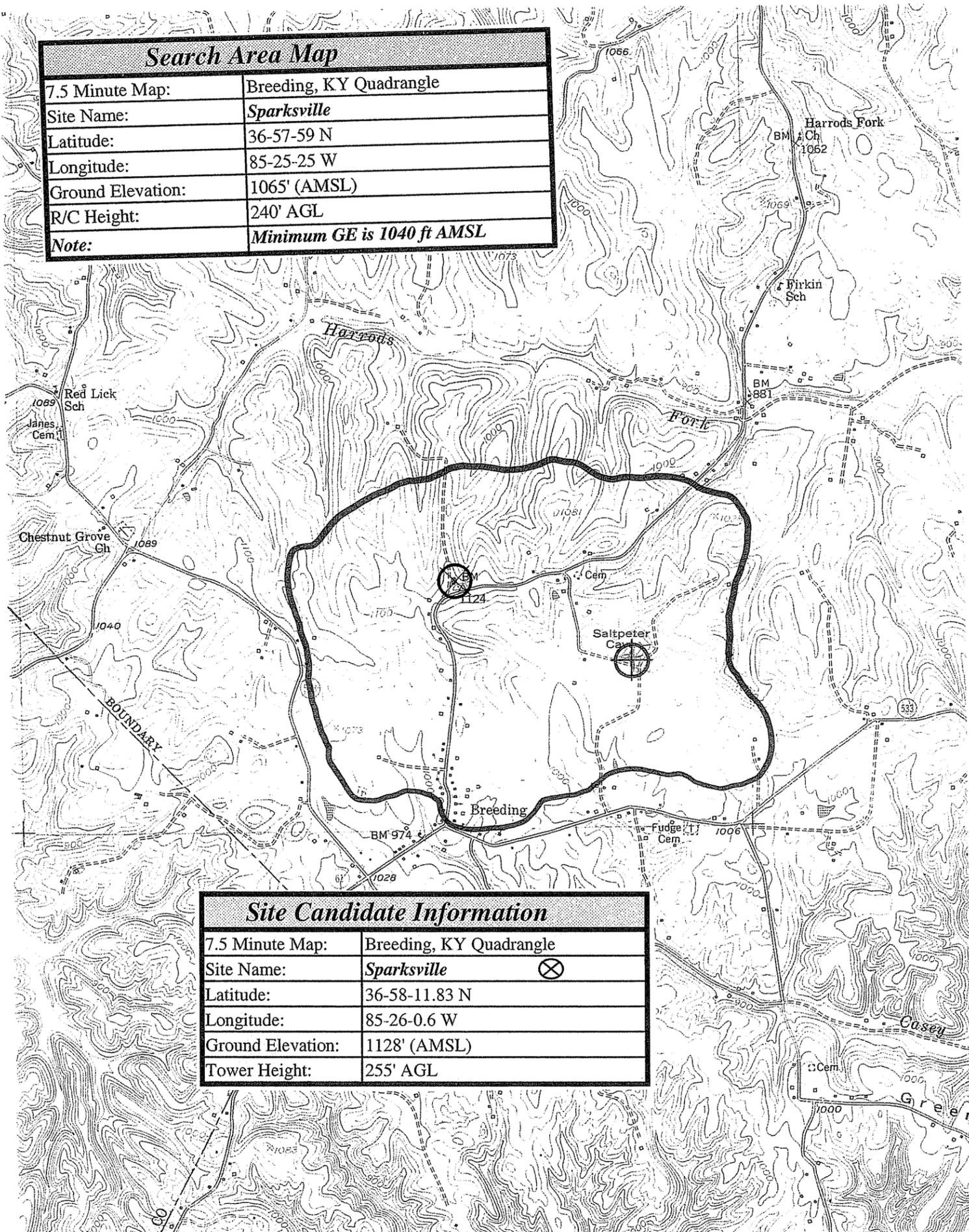
NOTICE

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 (Sparksville Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 330 Fire Dept. Lane, Breeding, Kentucky, 42715. 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. 2007-00499 in your correspondence.

**YOU have it!!
 SOMEONE
 wants it!!
 FIND it in the
 classifieds!**



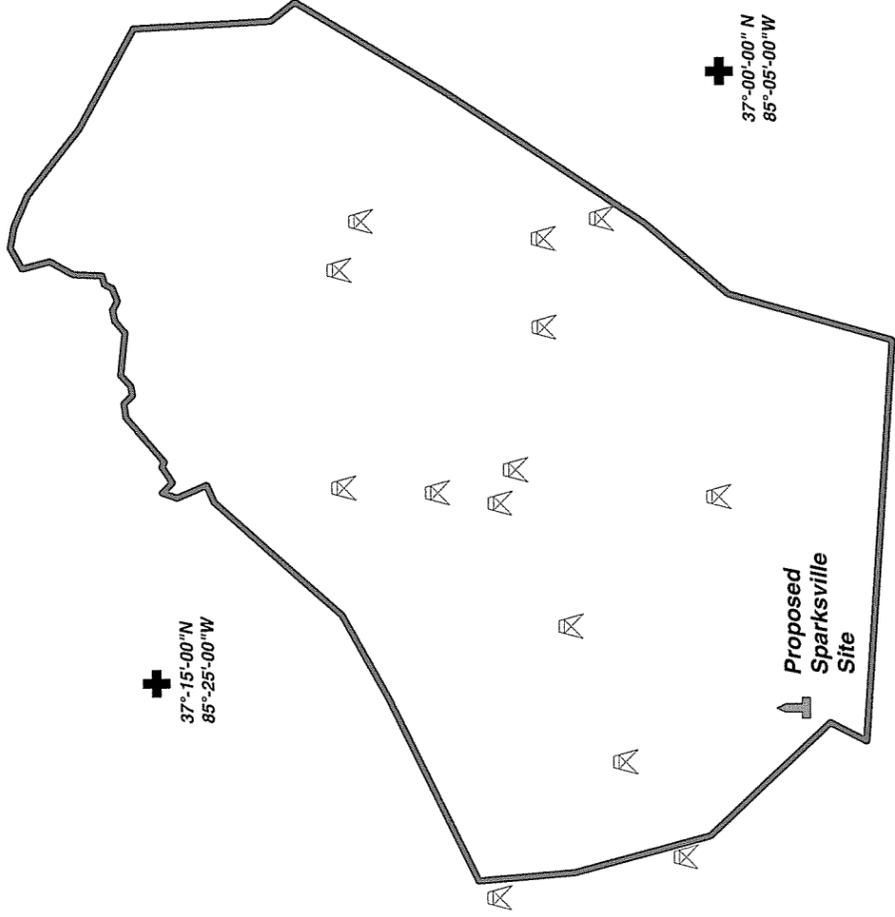
Search Area Map	
7.5 Minute Map:	Breeding, KY Quadrangle
Site Name:	<i>Sparksville</i>
Latitude:	36-57-59 N
Longitude:	85-25-25 W
Ground Elevation:	1065' (AMSL)
R/C Height:	240' AGL
Note:	Minimum GE is 1040 ft AMSL



Site Candidate Information	
7.5 Minute Map:	Breeding, KY Quadrangle
Site Name:	<i>Sparksville</i> ⊗
Latitude:	36-58-11.83 N
Longitude:	85-26-0.6 W
Ground Elevation:	1128' (AMSL)
Tower Height:	255' AGL

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

Prepared By: LNGS Engineering 12/13/2007



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

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1041289	37-00-07 N	85-19-01 W	Fairplay, KY	Texas Eastern Communications, Inc.
1043061	37-07-32 N	85-18-48 W	Columbia, KY	Bluegrass Cellular
1043197	37-10-4.2 N	85-11-25.8 W	Columbia, KY	Cumberland Cellular, Inc.
1043978	37-05-53 N	85-19-10 W	Purdy, KY	Western Kentucky University
1044249	37-09-29 N	85-09-50 W	Columbia, KY	Kentucky Emergency Warning System (KEWS)
1044821	37-06-00 N	85-32-10 W	Russell Springs, KY	Shoreline Communications, Inc.
1048811	37-04-40.6 N	85-10-27.6 W	Adair, KY	American Chesnut Television, Inc.
1062332	37-10-00 N	85-18-37 W	Adair, KY	SBA Properties, Inc.
1228813	37-05-28 N	85-18-3.9 W	Columbia, KY	Bluegrass Cellular
1242039	37-02-38.7 N	85-27-43.8 W	Edmonton, KY	Shared Towers KY
1252869	37-01-4.3 N	85-30-53.1 W	Edmonton, KY	Shared Sites, LLC
1254374	37-4-3.1 N	85-23-14.3 W	Columbia, KY	Shared Sites WV, LLC
1257173	37-4-40.7 N	85-13-22.6 W	Columbia, KY	Shared Sites WV, LLC
1257489	37-3-7.6 N	85-9-49.2 W	Russell Springs, KY	Shared Sites WV, LLC