

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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DEC 19 2006

**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 (ZULA) IN RURAL
SERVICE AREA #5 (WAYNE) OF THE COMMONWEALTH
OF KENTUCKY**

CASE NO. 2006-00450

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

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 Zula cell site in and for rural service area (“RSA”) #5 of the Commonwealth of Kentucky, namely the counties of Barren, Monroe, Metcalfe, Adair, Cumberland, Russell, Clinton, Wayne, McCreary and Hart, Kentucky.

1. As required by 807 KAR 5:001 Sections 8(1) and (3), and 807 KAR 5:063, Cumberland Cellular states that it is a Kentucky limited liability partnership whose full name and post office address are: Cumberland Cellular Partnership, 2902 Ring Road, Elizabethtown, Kentucky, 42701.
2. Pursuant to 807 KAR § 1 (1)(b), a copy of the applicant’s applications to the Federal Aviation Administration and Kentucky Airport Zoning Commission are Exhibit “A”. Written authorizations from these agencies will be supplied to the Commission upon their approval.
3. Pursuant to 807 KAR 5:063 §1(1)(d), applicant is submitting as Exhibit “B” a geotechnical investigation report, signed and sealed by a professional engineer registered in Kentucky, that includes boring logs, foundation design recommendations, and a finding as to the susceptibility of the area surrounding the proposed site to flood hazard.
4. Pursuant to 807 KAR 5:063 §1(1)(e), clear directions from the county seat to the proposed site, including highway numbers and street names, if applicable, with the telephone number of the person who prepared the directions are Exhibit “C”.

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

6. Pursuant to 807 KAR §1(1)(g), experienced personnel will manage and operate the Zula 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 Zula 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), Tower Innovations, LLC is responsible for the design specifications of the proposed tower (identified in Exhibit “B”).

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

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

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

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

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

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

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

15. Pursuant to 807 KAR 5:063 § 1 (1)(n), applicant’s legal counsel hereby affirms that the Wayne 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 Wayne County Judge Executive is Exhibit “G”.

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

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

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

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

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

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

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

21. Pursuant to 807 KAR 5:063 §1(1)(s), Cumberland Cellular has considered the likely effects of the installation on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate service to the area can be provided, and that there is no reasonably available opportunity to co-locate. Cumberland Cellular has attempted to co-locate on towers designed to host multiple wireless service providers' facilities or existing structures, such as a telecommunications tower, or another suitable structure capable of supporting the utility's facilities.

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

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

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

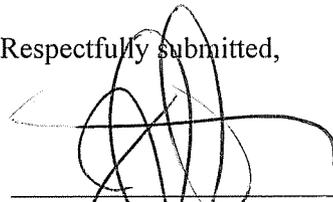
25. Correspondence and communication with regard to this application should be addressed to:

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

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

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

Respectfully submitted,



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



Zula
Kentucky Airport Zoning Commission
200 Mero Street, W3-09-02
Frankfort, Kentucky 40622

Kerry
TEL - 502-564-4480
FAX - 502-564-7953

October 16, 2006

Bluegrass Cellular
Attn: Scott McCloud
2902 Ring Rd.
Elizabethtown, KY 42702

RE: 199 foot antenna tower located at 36-46-19.67N / 84-57-43.76W.

This is to inform Bluegrass Cellular the proposed 199 foot antenna tower does not require a permit from the Commission. The antenna is located beyond the 20,000 foot horizontal jurisdiction distance from Wayne Co. Airport (EKQ) and does not exceed 200 above ground level. Enclosed is your application and supporting documents you submitted.

If you have any questions regarding this matter, feel free to call me at (502) 564-9900 Ext. 3854.

Sincerely,

A handwritten signature in black ink, appearing to read "John Houlihan".

John Houlihan, Administrator

Zula

LUKAS, NACE, GUTIERREZ & SACHS

CHARTERED

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

WWW.FCCLAW.COM

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

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

*NOT ADMITTED IN VA

October 6, 2006

Via Federal Express

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

Dear Mr. Houlihan:

Enclosed please find two completed TC 56-50 forms, Application for Permit to Construct or Alter a Structure, for a new tower (Zula) near Monticello, Kentucky. The Structure, including top-mounted antennas will have an overall height of 199 feet Above Ground Level.

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

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

Sincerely,

Leila Rezanavaz
Consulting Engineer

Enclosures

CC: Scott McCloud

(703)584-8668

FACSIMILE

(703) 584-8692

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

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

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

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

9. Latitude: 36 ° 46 ' 19 . 67 "

10. Longitude: 84 ° 57 ' 43 . 76 "

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

12. Nearest Kentucky City Monticello County: Wayne

13. Nearest Kentucky public use or Military airport:
Wayne County Airport

14. Distance from #13 to Structure: 8.2 Miles

15. Direction from #13 to Structure: SW

16. Site Elevation (AMSL): 1050 Feet

17. Total Structure Height (AGL): 199 Feet

18. Overall Height (#16 + #17) (AMSL): 1249 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:

Route 4 Box 330A
Monticello, KY 42633

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

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

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

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

5. Work Schedule: Start 11/25/06 End 11/30/06

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

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

8. FAA Aeronautical Study Number 2006-ASO-5872-OE

21. Description of Proposal:

Structure: Tower including top-mounted antennas for overall height of 199'.

Frequencies: Cellular Band B

Max. ERP: 200 Watts

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? [] No [X] Yes, When 10/05/06

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

Leila Rezanavaz/ Consulting Engineer Leila Rezanavaz 10/06/06
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

222000 FEET

80

81

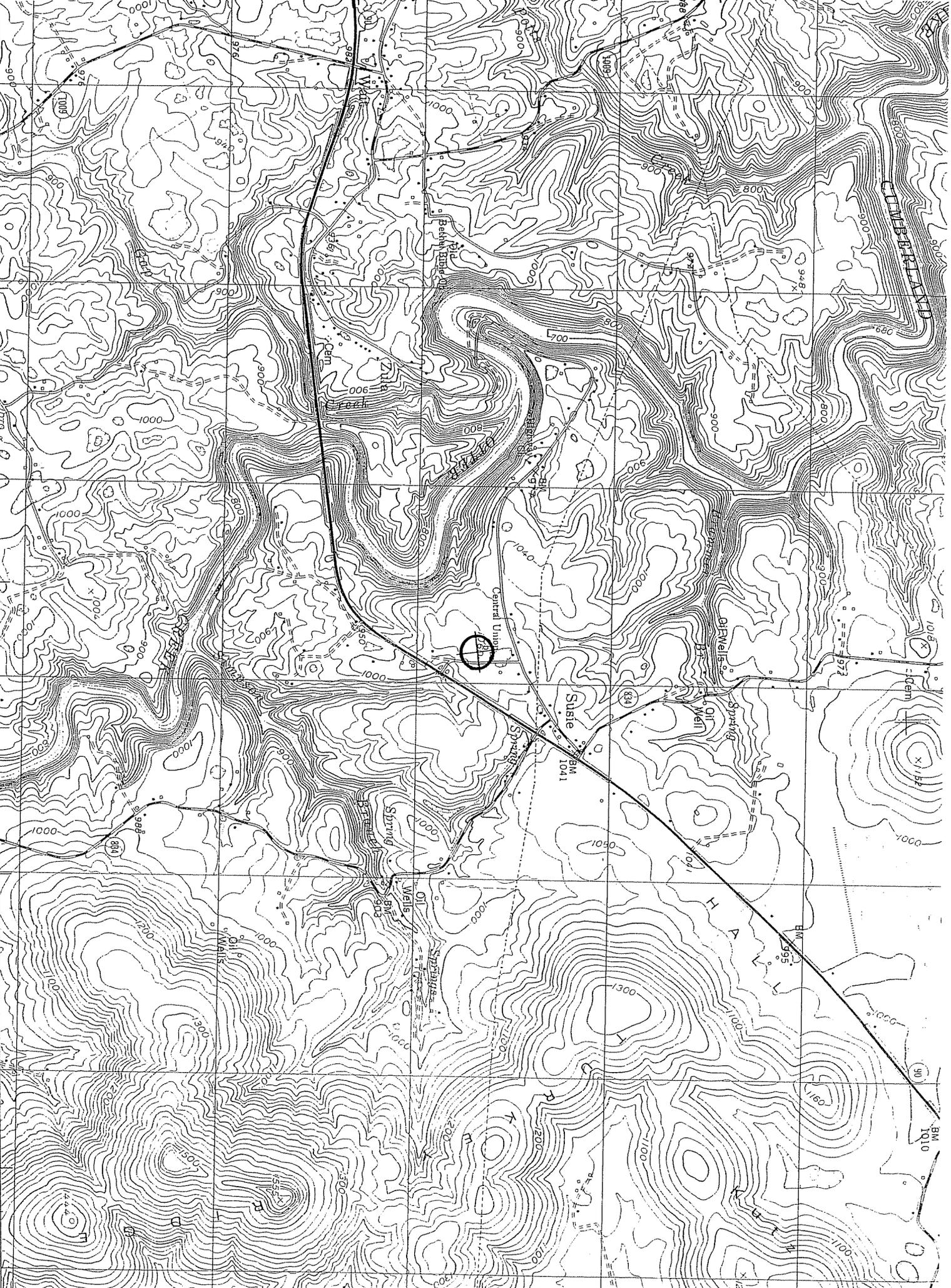
82

57'30"

83

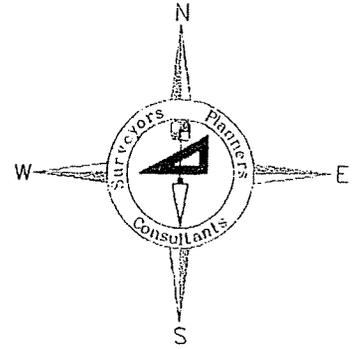
(POWERSBURG)
4057 III NW
1 E - NN

85



Landmark Surveying Co., Inc.

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



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

1A Certification

September 28, 2006

Designation: Zula
Site ID No.: Not Available
Tower Type: Proposed Self-Support Tower
Location: Route 4 Box 330 A, Monticello, Kentucky 42633

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

Latitude:	36 degrees 46 minutes 19.67 seconds North	(NAD 1983)
Longitude:	84 degrees 57 minutes 43.76 seconds West	(NAD 1983)
Ground Elevation:	1,050.1 feet or 320.1 meters	(NAVD 1988)
Proposed Structure Height:	240 feet or 73.2 meters	(above ground level)
Proposed Overall Structure Height:	not available	(above ground level)

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

The information shown above is based upon field observations made on September 8, 2006 using the National Geodetic Survey monument "U 235 RESET" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). The field observations were completed using Sokkia GPS receivers and a Topcon GPT-8005A robotic total station. Geodetic computations were completed using Sokkia's Locus software and Autodesk Land Desktop 3 software.

Landmark Surveying Co., Inc.

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



Notice of Proposed Construction or Alteration (7460-1)

Project Name: BLUGR-000050901-06

Sponsor: Blugrass Cellular, Inc.

Details for Case : Zula

Show Project Summary

Case Status			
ASN:	2006-ASO-5872-OE	Date Accepted:	10/05/2006
Status:	Accepted	Date Determined:	
		Letters:	None
Construction / Alteration Information		Structure Summary	
Notice Of:	Construction	Structure Name:	Zula
Duration:	Permanent	Structure Type:	Antenna Tower
if Temporary :	Months: Days:	Other :	
Work Schedule - Start:	11/25/2006	FCC Number:	
Work Schedule - End:	11/30/2006	Prior ASN:	
State Filing:	Filed with State		
Structure Details		Common Frequency Bands	
Latitude:	36° 46' 19.67" N	Low Freq	High Freq
Longitude:	84° 57' 43.76" W	824	849
Horizontal Datum:	NAD83	851	866
Site Elevation (SE):	1050 (nearest foot)	869	894
Structure Height (AGL):	199 (nearest foot)	Freq Unit	ERP
Marking/Lighting:	None	MHz	500
Other :		MHz	500
Nearest City:	Monticello	ERP Unit	W
Nearest State:	Kentucky		W
Traverseway:	No Traverseway		W
Description of Location:	Tower will be located at: Route 4 Box 330A Monticello, KY 42633	Specific Frequencies	
Description of Proposal:	The tower including top-mounted antennas will have and overall height of 199'.		

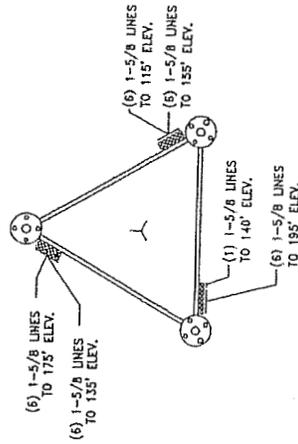
MATERIAL SPEC CHART

DESC.	MATR'L SPEC.	MIN. YIELD (ksi)
WELDED SECTIONS		
LEGS	A-572 GRADE 50	50
INNER MEM.	A-572 GRADE 50	50
FLANGE PL.	A-572 GRADE 50	50
BOLTED SECTIONS		
LEGS	A-572 GRADE 50	50
INNER MEM.	A-36	36
FLANGE PL.	A-572 GRADE 50	50
LEG PAD PL.	A-36	36

MEMBER CHART

SECTION	ELEVATION	FACE SIZE	LEGS	GIRTS		SECTION WEIGHT (lbs.)
				DIAGONALS	HORIZONTALS	
A	0' - 30'	20.0' - 17.3'	4-1/4	L 3-1/2 x 3-1/2 x 1/4	N/A	7800
B	30' - 60'	17.3' - 14.6'	4	L 3 x 3 x 1/4	N/A	6500
C	60' - 90'	14.6' - 12.0'	3-3/4	L 2-1/2 x 2-1/2 x 1/4	N/A	5325
D	90' - 120'	12.0' - 9.3'	3-3/4	L 2-1/2 x 2-1/2 x 3/16	N/A	4825
E	120' - 150'	9.3' - 6.6'	3-1/2	L 2 x 2 x 3/16	N/A	4050
F	150' - 180'	6.6' - 4.0'	3-1/4	L 2 x 2 x 3/16	N/A	3525
G	180' - 195'	4.0'	2-1/4	7/8 S.R.	7/8 S.R.	1850

Feedline Distribution Information
 1) The Tower Structure is Designed According to The Feedline Distribution Information Provided.

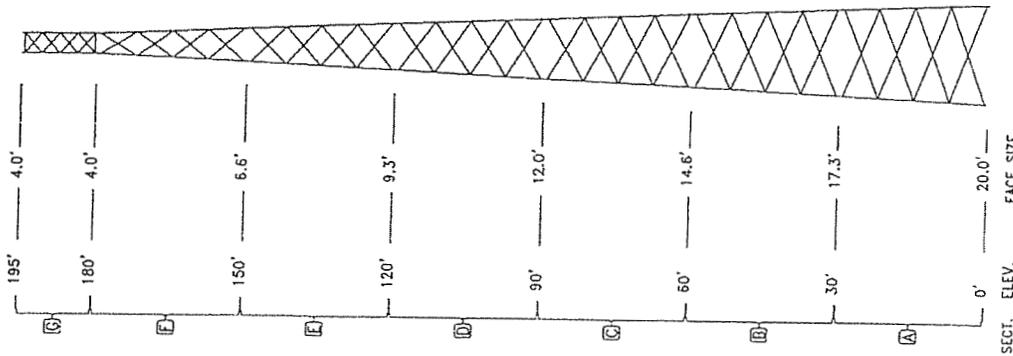


ANTENNA INFORMATION

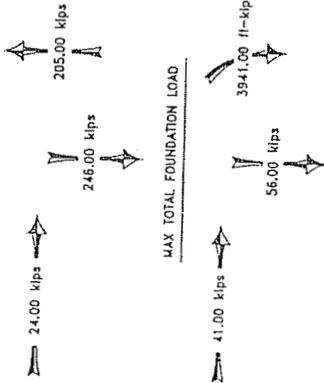
ANTENNA	ELEVATION	LINE
(6) 59210	195'	1-5/8
(6) 59210	175'	1-5/8
(6) 59210	155'	1-5/8
(6) 59210	135'	1-5/8
(6) 59210	115'	1-5/8
(1) 6" HP DISH	140'	1-5/8

DESIGN & DRAWING NOTES:

- SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION.
- TOWER DESIGNED FOR EXPOSURE B TO THE TIA-222-G STANDARD.
- TOWER DESIGNED FOR A 90 MPH BASIC WIND IN ACCORDANCE WITH THE TIA-222-G STANDARD.
- DEFLECTION ARE BASED UPON A 60 MPH WIND.
- STRUCTURE CLASS 1, TOPOGRAPHIC CATEGORY 3, AND A CREST HEIGHT=100 ASSUMED FOR THE TIA/EIA-222-G STANDARD.
- TOWER DESIGNED FOR CLIP-ON CLIMBING LADDER AND CLIP-ON WAVEGUIDE LADDERS.
- SECTIONS A - F ARE 4-BAY X-BRACED. SECTIONS G IS 4-BAY X-BRACED.
- (6) 1-1/4" X 60" ASTM A449 ANCHOR BOLTS REQUIRED PER LEG.



MAX INDIVIDUAL LEG LOADS



MAX TOTAL FOUNDATION LOAD

PH (817) 851-0225
 FAX (817) 851-0222
 2855 HIGHWAY 26
 NEWBURGH, IN. 47130

TOWER INNOVATIONS

Elevation View & Member Information
 ZULA, MONTICELLO, KY.

4585-T1 (19340r1-195)

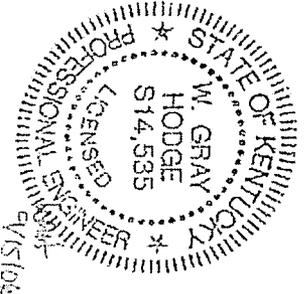
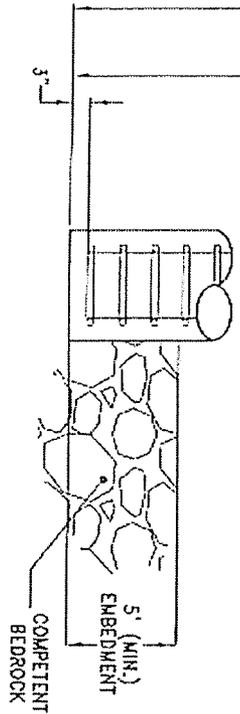
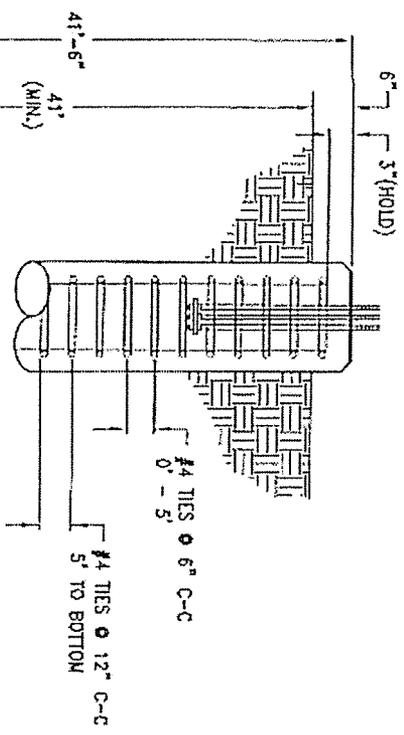
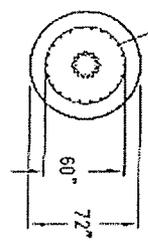
DO NOT SCALE DRAWING

REV.	DATE	DESCRIPTION	DATE	APPROVAL	DATE
			12-5-06		

SCALE: 1/4" = 1'-0"

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VERTICAL REBAR EQUALLY SPACED
SEE REBAR CHART FOR VERTICAL
REBAR REQUIRED.



REBAR SPACING CHART

BAR SIZE	SPUCE LENGTH
3	16"
4	22"
5	27"
6	33"
7	48"
8	55"
9	62"
10	68"
11	75"

SPACING NOTES:

- 1) STAGGER ALL SPLICES.
- 2) SPUCE CHART IS BASED ON 3000 PSI CONCRETE.
- 3) SPLICE REBAR ONLY WHEN NECESSARY.

REBAR CHART (1)-CAISSON

REBAR	REBAR SIZE	REBAR LENGTHS	REBAR DIA.	PCS. OF REBAR	TOTAL FT.
VERTS	#9 GRADE 60	41'	N/A	32	1312'
TIES	#4 GRADE 60	N/A	60" ϕ	47	739'

REBAR CHART (3)-CAISSONS

REBAR	REBAR SIZE	REBAR LENGTHS	REBAR DIA.	PCS. OF REBAR	TOTAL FT.
VERTS	#9 GRADE 60	41'	N/A	96	3936'
TIES	#4 GRADE 60	N/A	60" ϕ	141	2217'

APPROXIMATE CONCRETE REQ'D PER CAISSON = 30-1/4 YD³
TOTAL CONCRETE = 90-3/4 YD³

NOTES:

- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND AC318.
- 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-02 AND AISI/AISC-222-F STANDARDS UTILIZING THE SOILS REPORT PREPARED BY TERRACON CONSULTING PROJECT # 57667297C. A COPY SHALL BE PROVIDED TO THE FOUNDATION CONTRACTOR. SOIL CONDITIONS THAT DIFFER FROM THOSE DESCRIBED IN THE REPORT SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER/INSPECTOR. ALL COMMENTS OR RECOMMENDATIONS REGARDING CONSTRUCTION TESTING OR CONSTRUCTION MONITORING SHALL BE STRICTLY FOLLOWED.
- 3) ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS. CYLINDERS SHALL BE PROPERLY CAST WITH COPIES OF THE TEST REPORTS GOING TO THE RESIDENT ENGINEER/INSPECTOR.
- 4) ALL ADMIXTURES MUST BE ADDED SEPARATELY INTO FRESH CONCRETE AND SUFFICIENTLY MIXED. A NON-CORROSIVE CONCRETE SET ACCELERATE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE C. A WATER REDUCING ADMIXTURE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE A.
- 5) ALL BACKFILL SHALL BE PLACED IN 9 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AS MEASURED BY ASTM D-698 UNLESS MORE STRINGENT COMPACTION IS REQUIRED BY THE SOIL REPORT.
- 6) MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- 7) GROWN TOP OF PIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- 8) SET TEMPLATE DRAWING & TEMPLATE DESIGN CHART FOR TOWER LAYOUT DIMENSIONS. USE OF TEMPLATE IS REQUIRED TO INSURE PROPER LOCATION AND ORIENTATION OF ANCHOR BOLTS.
- 9) DEPTH OF CAISSON MAY VARY DEPENDING ON DEPTH OF COMPETENT BEDROCK. BORINGS SHOW BEDROCK ENCOUNTERED AT 36' BELOW GRADE (SEE SOILS REPORT).

DATE	REV. #	DESCRIPTION

DESIGNED BY	DATE	SCALE
CHECKED BY	DATE	SCALE

CAISSON FOUNDATION DESIGN (OPTION 2)
ZULA, MONTICELLO, KY.

4585-F2 (1881073)

GEOTECHNICAL ENGINEERING REPORT

**ZULA TELECOMMUNICATION TOWER
OLD GLORY LOOP
MONTICELLO, KENTUCKY**

**TERRACON PROJECT NO. 57067397G
August 24, 2006**

Prepared For:

**BLUEGRASS CELLULAR
Elizabethtown, Kentucky**

Prepared by:

Terracon

Louisville, Kentucky

Terracon

August 24, 2006

Terracon
Consulting Engineers & Scientists

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42702

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

Attention: Mr. Doug Updegraff

**Re: Geotechnical Engineering Report
Zula Telecommunication Tower
Old Glory Loop
Monticello, Kentucky
Terracon Project No. 57067397G**

Dear Mr. Updegraff:

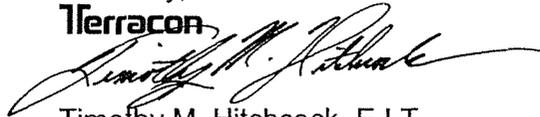
The results of our subsurface exploration are attached. The purpose of this exploration was to obtain information on subsurface conditions at the proposed project site and, based on this information, to provide recommendations regarding the design and construction of the foundations for the proposed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

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

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

Sincerely,

Terracon



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

Timothy G. LaGrow, P.E.
Regional Manager

n:\projects\2006\towers\57067397zula\geo57067397G.doc

Attachments: Geotechnical Engineering Report

Copies: (4) Addresse

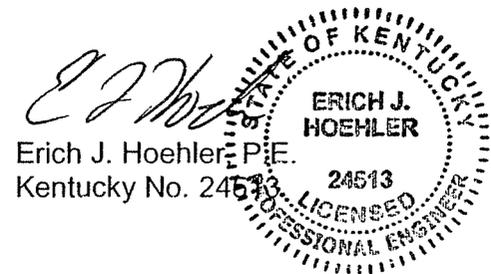


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GEOTECHNICAL ENGINEERING REPORT

ZULA TELECOMMUNICATION TOWER
OLD GLORY LOOP
MONTICELLO, KENTUCKY
TERRACON PROJECT NO. 57067397G
August 24, 2006

1.0 INTRODUCTION

The purpose of this report is to describe the subsurface conditions encountered in the boring, analyze and evaluate the test data, and provide recommendations regarding the design and construction of the foundations and earthwork for the proposed tower. One boring extending to a depth of about 46 feet below the existing ground surface was drilled at the site. An individual boring log and a boring location plan are included with this report.

2.0 PROJECT DESCRIPTION

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

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

A small, lightly loaded equipment building will also be constructed. Wall and floor loads for this building are not anticipated to exceed 1 kip per linear foot and 100 pounds per square foot, respectively. The subject site consists of an approximate 100- by 100-foot parcel of agricultural land located on the west side of Old Glory Loop and north of Kentucky State Road 90. At the time of the exploration there was no access road available to the proposed lease area. The site is bound by Central Union Separate Baptist Church to the north; a wheat field to the south and west; and Old Glory Loop followed by a residence and agricultural field to the east. Based on the provided drawings the approximate elevation at the site is EL 1060. We have assumed that less than 3 feet of cut and/or fill will be required to reach the planned site grades.

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 46 feet below existing grade. The boring was advanced at the center of the tower as staked by the project surveyor. The approximate ground surface elevation at the boring location was indicated on the available drawings. The location and elevation of the

with this report represents an interpretation of the driller's field log and a visual classification of the soil samples made by the Geotechnical Engineer.

3.2 Laboratory Testing

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

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

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

4.0 EXPLORATORY FINDINGS

4.1 Subsurface Conditions

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

Underlying approximately 5 inches of topsoil, our boring encountered lean clay (CL) to a depth of about 13½ feet below existing grade. The lean clay exhibited a stiff to very stiff consistency based on SPT N-values ranging from 15 to 25 blows per foot (bpf). Fat Clay (CH) was encountered below the lean clay to a depth of about 33½ feet below existing grade. The fat clay generally exhibited a very stiff to hard consistency based on most SPT N-values ranging from 30 to 50 bpf. The sample obtained at a depth of 28½ to 30 feet was saturated and exhibited a medium stiff consistency based on an SPT N-value of 6 bpf. The SPT N-values obtained below 18½ feet are likely elevated due to the presence of chert fragments in the soil. Highly weathered shale with chert fragments was encountered below the fat clay to an auger refusal depth of about 36 feet below existing grade.

Below a depth of about 36 feet, rock coring techniques were used to advance the borehole. The core samples recovered consisted of very slightly weathered, very closely jointed, medium gray and hard limestone. The bedrock at the site appears to be relatively continuous based on a core recovery of 93 percent. The quality of the rock is rated at fair based on a RQD value of 73 percent. Considering the height of the tower and the quality of the bedrock, coring operations were terminated at a depth of 46 feet below grade.

4.2 Site Geology

A review of the Geologic Map of Parnell Quadrangle published by the United States Geological Survey (USGS) indicates that the site is underlain by St. Louis Limestone of the Carboniferous age. The St. Louis Limestone is comprised of limestone interbedded with siltstone in the lower part of the formation. The limestone is described as very dark gray to light-gray and commonly contains abundant amounts of chert. It weathers very dark red to maroon soil with large quantities of white porous chert.

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

4.3 Groundwater Conditions

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

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

5.0 ENGINEERING RECOMMENDATIONS

Based on the encountered subsurface conditions, the tower can be constructed on drilled piers or a mat foundation. The lightly loaded equipment building can be supported on shallow spread footings. Shallow foundation and drilled pier recommendations are presented in the following paragraphs.

5.1 Tower Foundation

Drilled Pier Alternative: Based on the results of the boring, the following drilled pier design parameters have been developed:

Table 2 - Drilled Pier Foundation Design Parameters

Depth * (feet)	Description **	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Internal Angle of Friction (Degree)	Cohesion (psf)	Lateral Subgrade Modulus (pci)	Strain, & ₅₀ (in/in)
0 - 3	Topsoil and Lean Clay	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 25	Lean to Fat Clay	475	Ignore	2,000	0	2,000	160	0.006
25 - 33½	Fat Clay	300****	Ignore	750	0	750	60	0.01
33½ - 36	Weathered Shale	550	5,000	2,750	0	2,750	225	0.005
36-46	Limestone	5,000***	50,000	10,000***	0	100,000***	3,000	0.00001

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

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

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

**** Uplift only if pier is founded on limestone without a rock socket.

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

The upper 3 feet of topsoil and lean clay should be ignored due to the potential affects of frost action and construction disturbance. To avoid a reduction in lateral and uplift resistance

caused by variable subsurface conditions and or bedrock depths, the drawings should instruct the contractor to notify the engineer if subsurface conditions significantly different than encountered in the boring are disclosed during drilled pier installation. Under these circumstances, it may be necessary to adjust the overall length of the pier. To facilitate these adjustments and assure that the pier is embedded in suitable materials, it is recommended that a Terracon representative observe the drilled pier excavation.

If a bedrock socket is required, it is recommended that a minimum pier length and minimum rock socket length be stated on the design drawings. Bedrock was encountered in the boring below a depth of about 36 feet, but could vary between tower legs or if the tower is moved from the location of the boring. If the tower center is moved from the planned location, Terracon should be notified to review the recommendations and determine whether an additional boring is required. To facilitate pier length adjustments that may be necessary because of variable rock conditions, it is recommended that a Terracon representative observe the drilled pier excavation.

Although the boring was able to penetrate the highly weathered shale, there is a possibility that larger diameter drilled pier equipment will refuse on this material, or on chert lenses, at higher elevations than shown in our boring. The contractor should recognize the hardness of the material and be prepared to use rock teeth or other means to extend through these layers.

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.

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

Table 3 - Mat Foundation Design Parameters

Depth (feet)	Description	Allowable Contact Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Coefficient of Friction, Tan δ	Vertical Modulus of Subgrade Reaction (pci)
0 - 2	Topsoil and Lean Clays	Ignore	Ignore	-	
≥ 2	Lean to Fat Clay	3,500	Ignore	0.35	150

To assure that soft soils are not left under the mat foundation, it is recommended that a geotechnical engineer observe the foundation subgrade prior to concrete placement. Provided the above recommendations are followed, total mat foundation settlements are not anticipated to exceed about 1 inch. Differential settlement should not exceed 50 percent of the total settlement. Differential settlements could reach 75 percent or more of the total settlement value, depending on the finished grades, any fill placement, and varying bedrock elevations.

5.2 Equipment Building Foundations

The proposed equipment shed may be supported on shallow footings bearing on stiff natural soils. The equipment building foundations should be dimensioned using a net allowable soil bearing pressure of 2,500 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 feet square.

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

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

5.3 Parking and Drive Areas

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

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

5.4 Site Preparation

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

Any fill and backfill placed on the site should consist of approved materials that are free of organic matter and debris. Suitable fill materials should consist of well graded crushed stone 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 lean clays encountered to a depth of about 13½ feet appear suitable for re-use as structural fill. The fat clays encountered below this depth should be tested further prior to use as structural fill. It is recommended that any on-site or off-site soils be further tested and evaluated prior to use as fill. Fill should not contain frozen material and it should not be placed on a frozen subgrade.

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

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

6.0 GENERAL COMMENTS

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

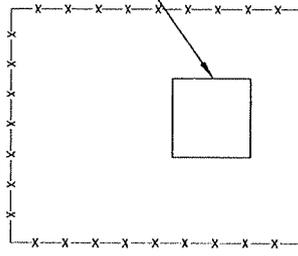
The analysis and recommendations presented in this report are based upon the data obtained from the boring performed at the indicated location and from other information discussed in this report. This report does not reflect variations that may occur across the site, between tower legs or due to the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

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

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

APPENDIX

CENTRAL UNION
SEPARATE BAPTIST
CHURCH



PROPOSED TOWER
LAT. 36° 46' 19.8" NORTH
LON. 84° 57' 43.5" WEST
GROUND ELEV. ■ 1,060' ±



OLD GLORY LOOP (ASPHALT)



HOUSE



BARN

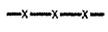
WHEAT

KENTUCKY 90

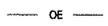


NOT TO SCALE

LEGEND



SUBJECT SITE (FENCE)



OVERHEAD ELECTRICAL



APPROXIMATE BORING LOCATION

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

Project Mgr:	TMH
Drawn By:	RRK
Checked By:	MRF/TMH
Approved By:	EH

Project No.	57067397G
Scale:	AS SHOWN
File No.	57067397G-2
Date:	AUGUST 2006

Terracon
Consulting Engineers and Scientists

4545 Bishop Lane, Suite 101 Louisville, KY 40218
(407) 843-1311 (407) 843-1317

BORING LOCATION DIAGRAM
GEOTECHNICAL EXPLORATION
ZULA
OLD GLORY LOOP
MONTICELLO, KENTUCKY

FIG. No.	2
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LOG OF BORING NO. B-1

CLIENT Bluegrass Cellular Partnership											
SITE Old Glory Loop Monticello, Kentucky		PROJECT Zula Telecommunication Tower									
GRAPHIC LOG		DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
0.5		TOPSOIL LEAN CLAY with chert fragments, reddish brown, stiff to very stiff	5	CL	1	SS	18	15	22	7500*	LL = 43 PL = 23 PI = 20
			5	CL	2	SS	15	23	22	7000*	
			10	CL	3	SS	17	25	21	6500*	
			10	CL	4	SS	12	23	21	6000*	
13.5		FAT CLAY with chert fragments, reddish brown to reddish brown & yellowish brown mottled, hard to medium stiff	15	CH	5	SS	8	19	26	5500*	
			20	CH	6	SS	13	50	42	4500*	
			25	CH	7	SS	12	23	27		
			30	CH	8	SS	2	6	35		
33.5		WEATHERED SHALE & chert fragments, gray, hard	35								
36		Auger Refusal at 36 feet, Began Coring LIMESTONE , very slightly weathered, very closely jointed, medium gray, hard	40		9	DB	93%	RQD 73%			
46		Boring Terminated at 46 feet	45								

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

*Calibrated Hand Penetrometer

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽	▽
WL	▽	▽	▽
WL	Dry Upon Auger Completion		



BORING STARTED		8-2-06	
BORING COMPLETED		8-3-06	
RIG	CME-550	FOREMAN	MW
APPROVED	TMH	JOB #	57067397G

BOREHOLE 99-57067397G.GPJ TERRACON.GDT 8/24/06

GENERAL NOTES

DRILLING & SAMPLING SYMBOLS:

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

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

WATER LEVEL MEASUREMENT SYMBOLS:

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

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

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

CONSISTENCY OF FINE-GRAINED SOILS

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

RELATIVE DENSITY OF COARSE-GRAINED SOILS

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

RELATIVE PROPORTIONS OF SAND AND GRAVEL

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

GRAIN SIZE TERMINOLOGY

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

RELATIVE PROPORTIONS OF FINES

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

PLASTICITY DESCRIPTION

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

GENERAL NOTES

Description of Rock Properties

WEATHERING

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

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

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

Joint, Bedding and Foliation Spacing in Rock^a

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

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

a. Spacing refers to the distance normal to the planes, of the described feature, which are parallel to each other or nearly so.

b. RQD (given as a percentage) = length of core in pieces 4 in. and longer/length of run.

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

UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests^A

				Soil Classification	
				Group Symbol	Group Name ^B
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines ^C	$Cu \geq 4$ and $1 \leq Cc \leq 3^E$	GW	Well-graded gravel ^F
		Gravels with Fines More than 12% fines ^C	$Cu < 4$ and/or $1 > Cc > 3^E$	GP	Poorly graded gravel ^F
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines ^D	Fines classify as ML or MH	GM	Silty gravel ^{F G H}
		Sands with Fines More than 12% fines ^D	Fines classify as CL or CH	GC	Clayey gravel ^{F G H}
		Clean Sands Less than 5% fines ^D	$Cu \geq 6$ and $1 \leq Cc \leq 3^E$	SW	Well-graded sand ^F
		Sands with Fines More than 12% fines ^D	$Cu < 6$ and/or $1 > Cc > 3^E$	SP	Poorly graded sand ^F
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}
		organic	Liquid limit - oven dried < 0.75	OL	Organic clay ^{K L M N}
		organic	Liquid limit - not dried < 0.75	OL	Organic silt ^{K L M O}
		organic	Liquid limit - not dried < 0.75	OH	Organic silt ^{K L M Q}
	Silt and Clays Liquid limit 50 or more	inorganic	PI plots on or above "A" line	CH	Fat clay ^{K L M}
		inorganic	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}
		organic	Liquid limit - not dried < 0.75	OH	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

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

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

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

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

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

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

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

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

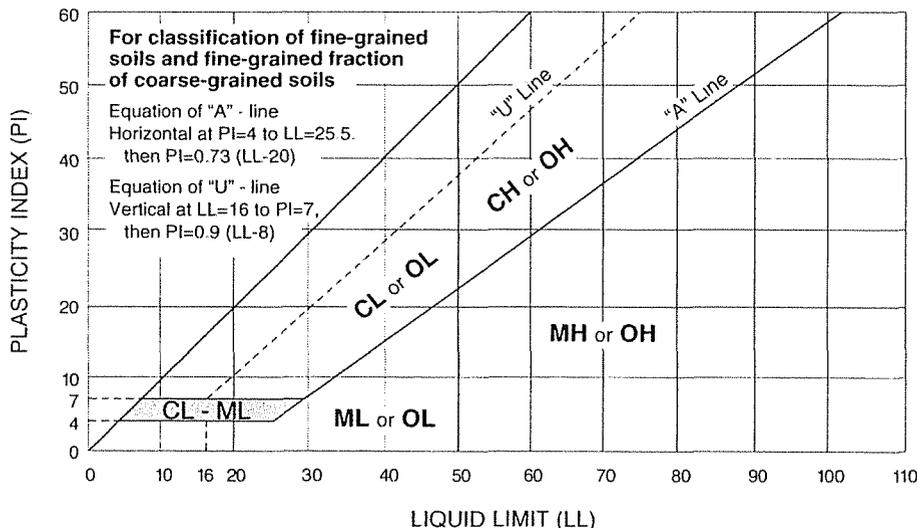
^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.

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

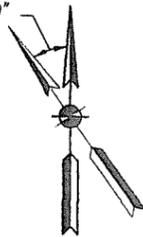
^O $PI < 4$ or plots below "A" line.

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

^Q PI plots below "A" line.



True North
00°28'40"



Site: Zula

Lease Boundary and Topographic Survey

Wayne County, Kentucky

Lease Boundary and Easement Description

A tract of land that is located about 6 miles Southwesterly of Monticello on Old Glory School Road adjacent to the Central Union Separate Baptist Church near the area referred to as Zula in Wayne County, Kentucky, said tract being described as follows:

COMMENCING AT a 5/8-inch rebar found flush with a survey cap inscribed "Jim West PLS 2086" on the west boundary of Old Glory School Road (15' from the centerline) at the southeast corner of the tract of land described in deed to the Central Union Separate Baptist Church in Deed Book 102, page 578 and Deed Book 188, page 72 in the office of the County Clerk of Wayne County, Kentucky; said rebar also monuments a corner in the eastern boundary of the 47.44-acre tract described in deed to Bobby E. Bertram and Margaret Faye Bertram in Deed Book 308, page 408 in said County Clerk's office; thence, along a portion of the eastern boundary of said Bertram tract, South 81 degrees 07 minutes 01 second West 28.39 feet to 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 POINT OF BEGINNING of this description; thence South 08 degrees 52 minutes 59 seconds East 100.00 feet to a rebar set flush; thence South 81 degrees 07 minutes 01 second West 100.00 feet to a rebar set flush; thence North 08 degrees 52 minutes 59 seconds West 100.00 feet to a rebar set flush on a portion of the eastern boundary of said Bertram tract; thence North 81 degrees 07 minutes 01 second East 100.00 feet to the point of beginning and containing 0.230 acres (10,000 square feet), more or less.

TOGETHER WITH an access and utility easement from the above-described 0.230-acre lease tract to Old Glory School Road; said easement being described as follows: BEGINNING AT a 5/8-inch rebar found flush with a survey cap inscribed "Jim West PLS 2086" on the west boundary of Old Glory School Road (15' from the centerline) at the southeast corner of the tract of land described in deed to the Central Union Separate Baptist Church in Deed Book 102, page 578 and Deed Book 188, page 72 in the office of the County Clerk of Wayne County, Kentucky; said rebar also monuments a corner in the eastern boundary of the 47.44-acre tract described in deed to Bobby E. Bertram and Margaret Faye Bertram in Deed Book 308, page 408 in said County Clerk's office; thence, along the west boundary of said road, South 04 degrees 07 minutes 39 seconds East 100.35 feet; thence South 81 degrees 07 minutes 01 second West 20.07 feet to 5/8-inch rebar set flush with a survey cap inscribed "D.L. Helms PLS 3386" at the southeast corner of the above-described 0.230-acre lease tract; thence North 08 degrees 52 minutes 59 seconds West 100.00 feet to a 5/8-inch rebar set flush with said Helms survey cap at the northeast corner of the above-described 0.230-acre lease tract and being on a portion of the eastern boundary of said Bertram tract; thence North 81 degrees 07 minutes 01 second East 28.39 feet to the point of beginning.

The bearing system of these descriptions are based upon the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993), as determined by G.P.S. observations made on September 8, 2006 using the National Geodetic Survey monument "U 235 RESET". These descriptions are based upon a survey completed by Landmark Surveying Co., Inc. and certified by Darren L. Helms, P.L.S. 3386, on September 28, 2006. This survey is hereby referenced and made a part of these descriptions.

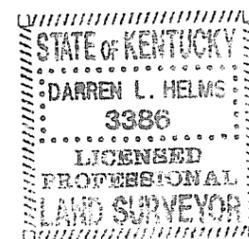
SOURCE OF TITLE: Being a portion of and lying entirely within the land described in deed to Bobby E. Bertram and Margaret Faye Bertram on December 31, 2004 in Deed Book 308, page 408 in the office of the County Clerk of Wayne County, Kentucky.

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 September 8, 2006 by the method of random traverse with sideshots. The unadjusted precision ratio of the traverse was better than 1:27,600 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
Darren L. Helms, P.L.S. 3386

SEPT. 28, 2006
Date



Basis of Bearings

The bearing system of this survey is based upon G.P.S. observations made on September 8, 2006 using the National Geodetic Survey monument "U 235 RESET" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). This system is grid north.

Tower Location Information

Designation: Zula
Site ID#: None
Horizontal Datum: NAD 1983 (1993)
Latitude: 36°46'19.67" North
Longitude: 84°57'43.76" West
Vertical Datum: NAVD 1988
Ground Elevation: 1,050.1 feet (320.1 meters)
State Plane Coordinates:
Northing: 1,801,138.63 feet (548,988.15 meters)
Easting: 1,871,173.26 feet (570,334.75 meters)

Owner Information

Owner: Bobby E. and Margaret Faye Bertram
Address: P.O. Box 315
Alpha, Kentucky 42603
Contact Person: Bobby E. Bertram
Phone: (606) 348-5548
PVA Map No. 016-00-00-092.00

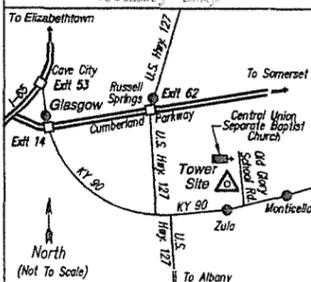
Project Bench Mark

Northing: 1,801,007 feet (548,948 meters)
Easting: 1,871,284 feet (570,369 meters)
Elevation: 1,056.02 feet (321.876 meters)
Description: A railroad spike in the northeast side of powerpole #223769, 10' above grade. The pole is approximately 172' southeast of the center of the proposed tower and 15' south of the Harold Atkinson driveway on the east side of Old Glory School Road.

Flood Plain Statement

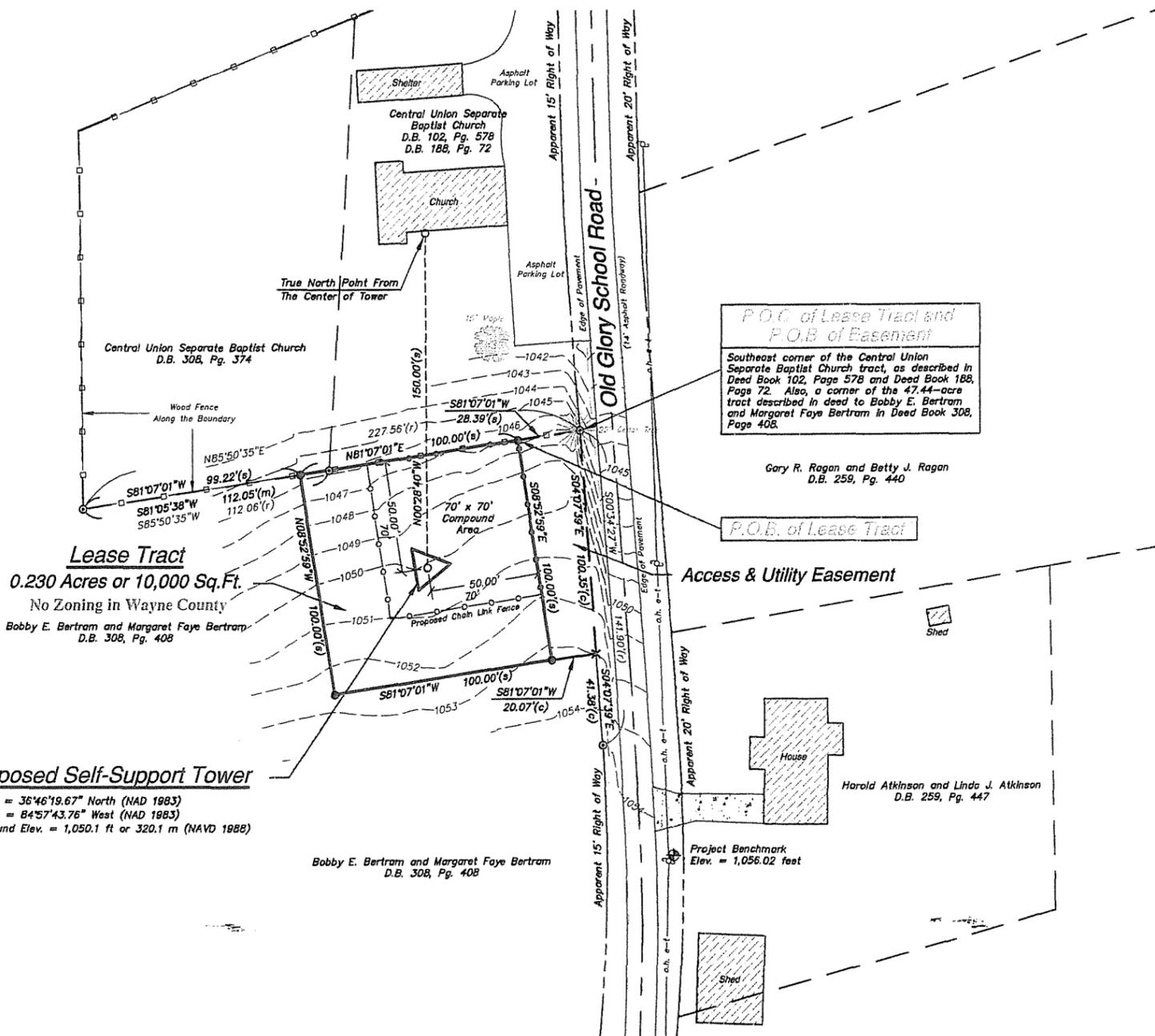
According to the Flood Insurance Rate Map for Wayne County, Kentucky (Unincorporated Areas), Community Panel No. 210348 0075 B, dated September 18, 1985; the subject site lies within Zone "C", which is defined as "Areas of minimal flooding".

Vicinity Map



Directions to Site

From Elizabethtown, Kentucky: take I-65 South to Exit 43 and the Cumberland Parkway; take the Cumberland Parkway East to Exit 14 and Kentucky Highway 90 in Glasgow; take Kentucky Highway 90 East toward Burkesville and Monticello for about 63 miles to Old Glory School Road (about 3 miles East of the Wayne Co./Clinton Co. line) near the Town of Zula; turn left and travel north on Old Glory School Road for 0.1 miles to the top of the hill and the site on the West side of the road next to the Central Union Separate Baptist Church.



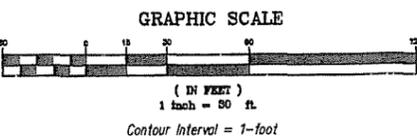
Proposed Self-Support Tower

Lot = 36°46'19.67" North (NAD 1983)
Lon. = 84°57'43.76" West (NAD 1983)
Ground Elev. = 1,050.1 ft or 320.1 m (NAVD 1988)

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 plat 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 plat was as requested by the client and may or may not represent all of the topographic features located on the subject property.
- According to the County Judge Executives Office, there are no zoning, or tower ordinances in effect in Wayne County. The Judge Executives Office may be contacted at 606-348-4241.

- ⊙ 5/8" Rebar Set Flush With A Survey Cap Inscribed "D.L. Helms PLS 3386"
- 5/8" Rebar Set Flush - No Cap
- ⊙ 5/8" Rebar Found Flush With A Survey Cap Inscribed "Jim West PLS 2086"
- × Calculated Position - No Monument Found or Set
- Subject Boundaries
- Other Boundaries
- Right of Way
- Utility Pole
- Guy Anchor
- Telephone Pedestal
- (m) Measured
- (r) Recorded
- (c) Calculated
- (s) Set



Reduced Copy

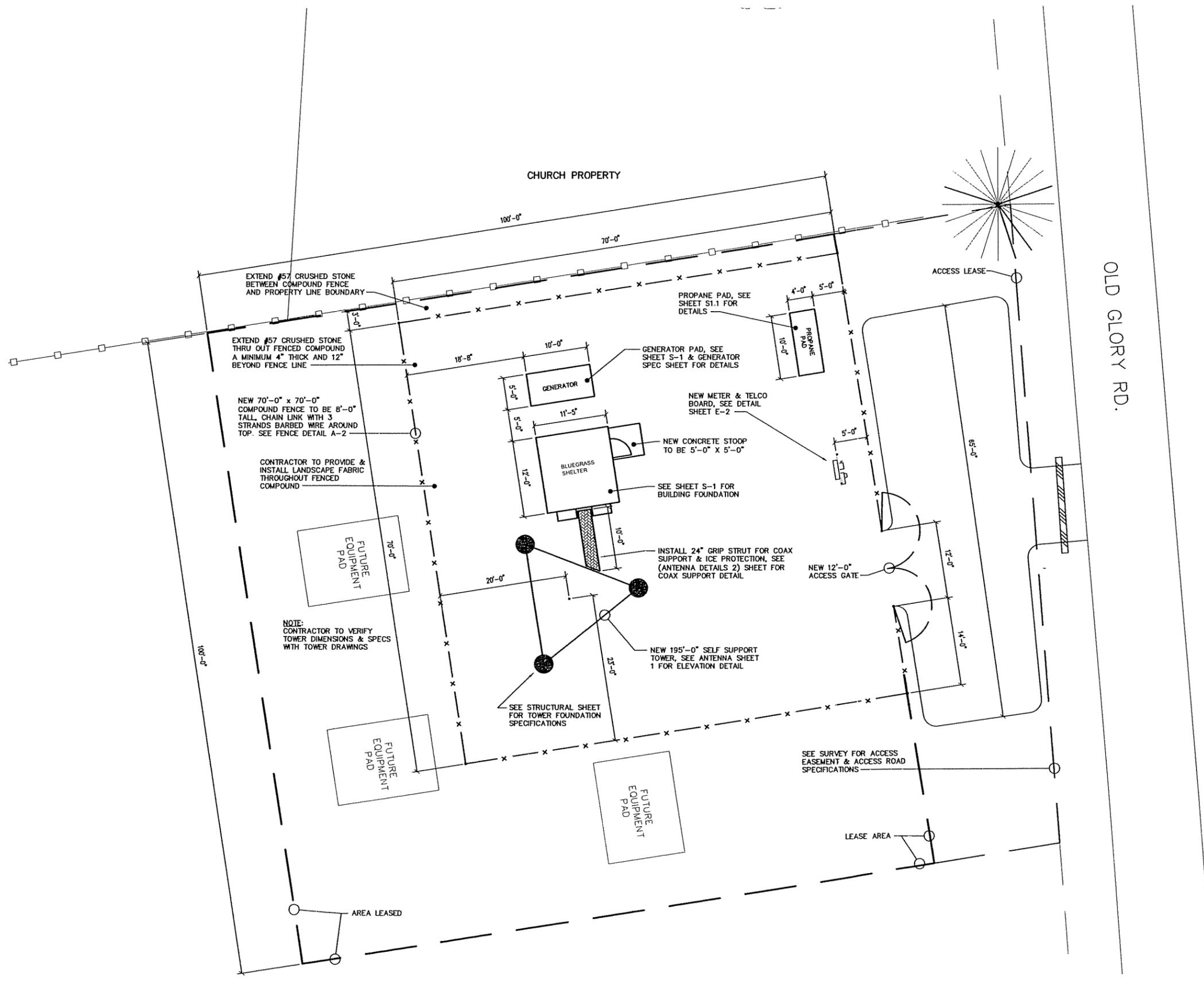
Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0950
Email: landmark@earthlink.net
Project No. 06-09-0197

Lease Boundary Survey
Route 4 Box 330 A
Monticello, Kentucky 42633

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42702

REVISIONS	DATE

DATE 9-28-06	DRAWN BY A. Winkler	CHECKED BY D.L. Helms
SHEET NO. 1 OF 1 SHEETS		
FILE NO. zula.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.

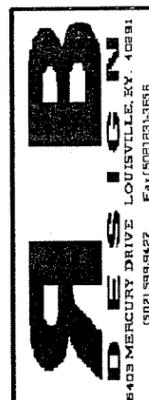
7) ANY RELOCATION OF EXISTING UTILITIES TO BE DONE IN ACCORDANCE WITH LOCAL CODES AND RECOMMENDATIONS, CONSULTING ALL UTILITY COMPANIES INVOLVED FOR APPROVAL AND SPECIFICATIONS REQUIRED.

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: 1/6" = 1'-0"



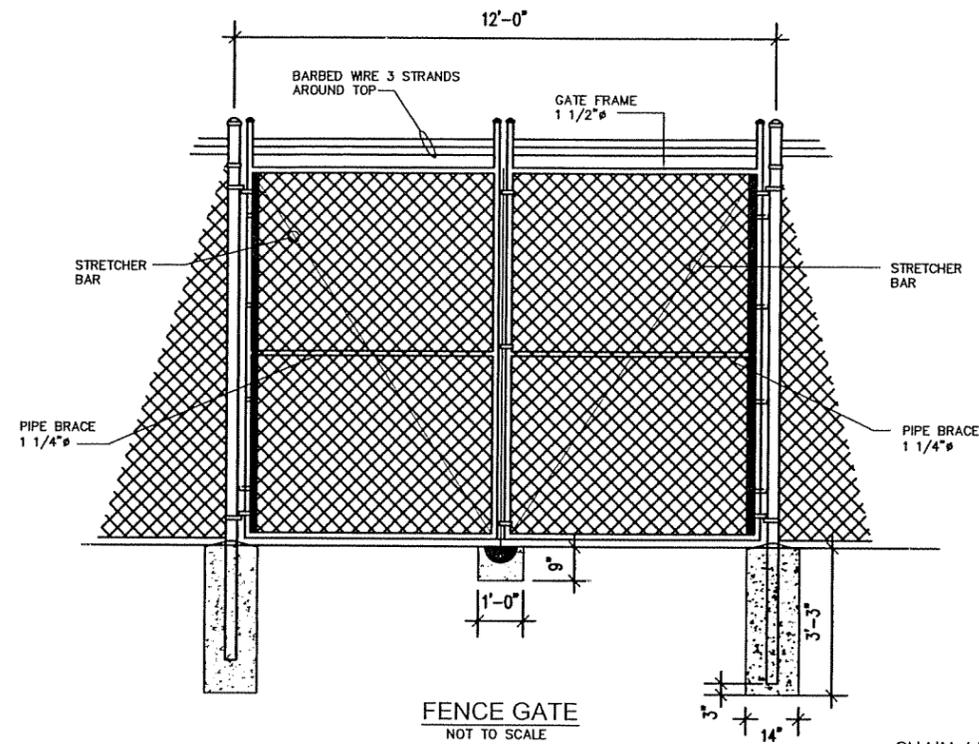
BLUEGRASS CELLULAR, INC.
LOUISVILLE, KY. 40241
5603 MERCURY DRIVE
(502) 599-8427 Fax (502) 599-3666

NO.	DATE	REVISION

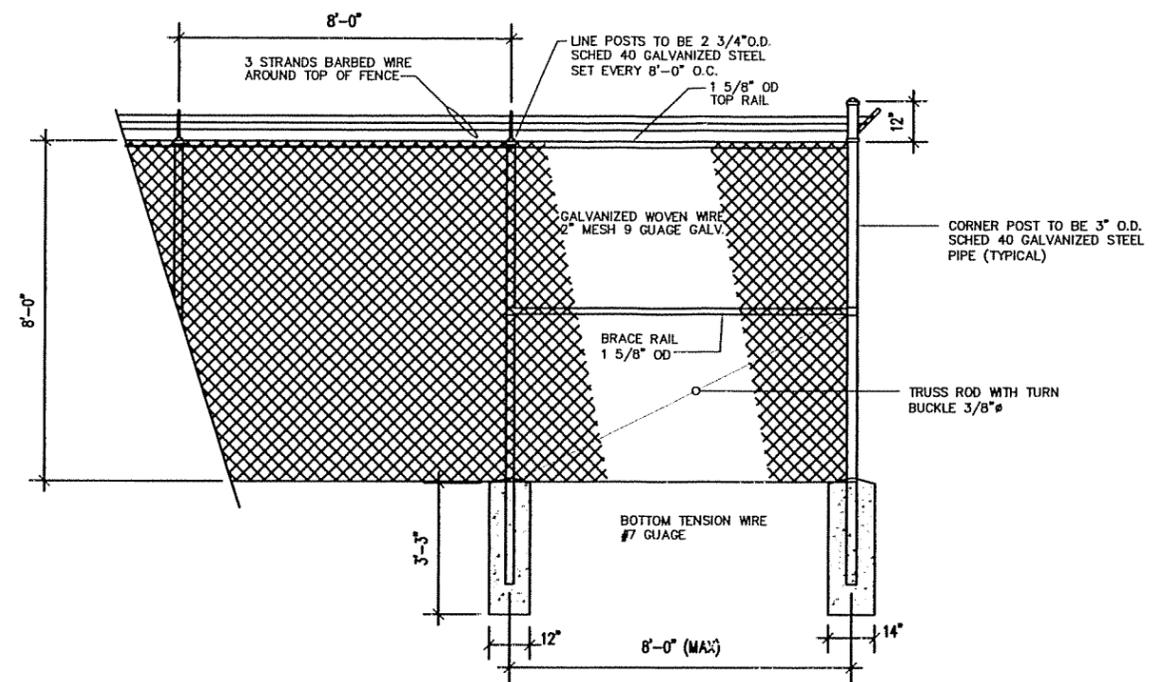
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
5603 N. JACKSON HWY., MUMFORDVILLE, KY. 42765

DRAWN BY: R. BECKER
ISSUE DATE: 7-17-06
SCALE: LISTED

SHEET NUMBER
A-1



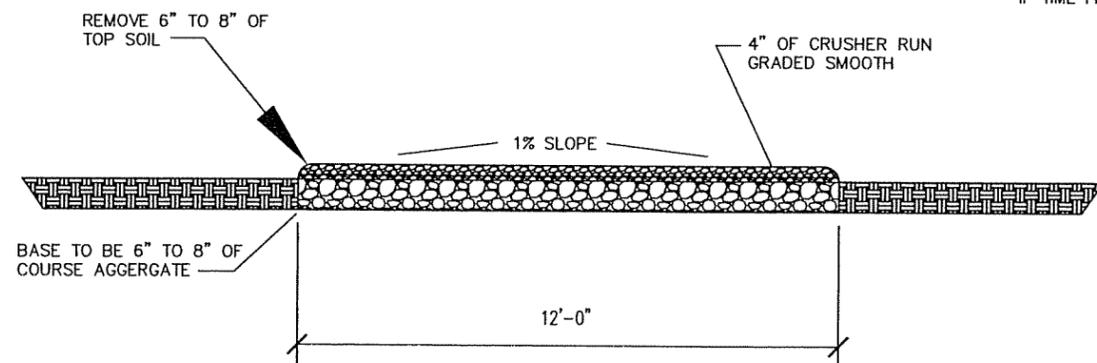
FENCE GATE
NOT TO SCALE



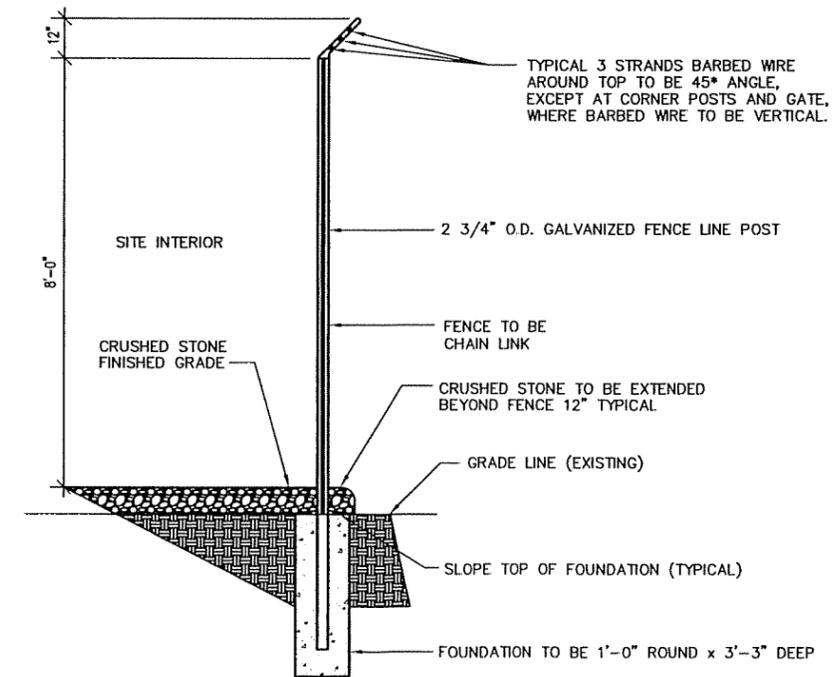
FENCE DETAIL END POLES
NOT TO SCALE

CHAIN LINK FENCING NOTES:

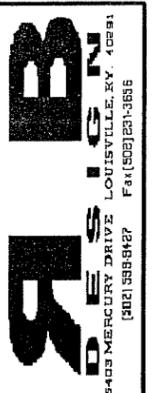
- FABRIC:** THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL HOT DIP GALVANIZED WIRE PICKETS HELICALLY WOUND AND INTERWOVEN FROM NO.9 W & M GAUGE COPPER BEARING STEEL WIRE TO FORM A CONTINUOUS CHAIN LINK FABRIC HAVING A 2" MESH. TOP EDGES SHALL HAVE A TWISTED AND BARBED
- POSTS:** SHALL BE 2 3/4" O.D. SS 40 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 AVERAGING 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 MANAGER.



ROAD DETAIL
NOT TO SCALE



FENCE DETAIL LINE POLES
NOT TO SCALE



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
5603 N. JACKSON HWY. MUMFORDVILLE, KY. 42765

DRAWN BY: R. BECKER
ISSUE DATE: 7-17-06
SCALE: LISTED

SHEET NUMBER
A-2

BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS

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

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

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

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

LINES ARE TO BE SECURED TO ICE BRIDGE

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

ALL COAX CONNECTIONS ARE TO BE WEATHER PROOFED.

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

ALL TRASH AND REFUGE IS TO BE PROPERLY DISPOSED OF.

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

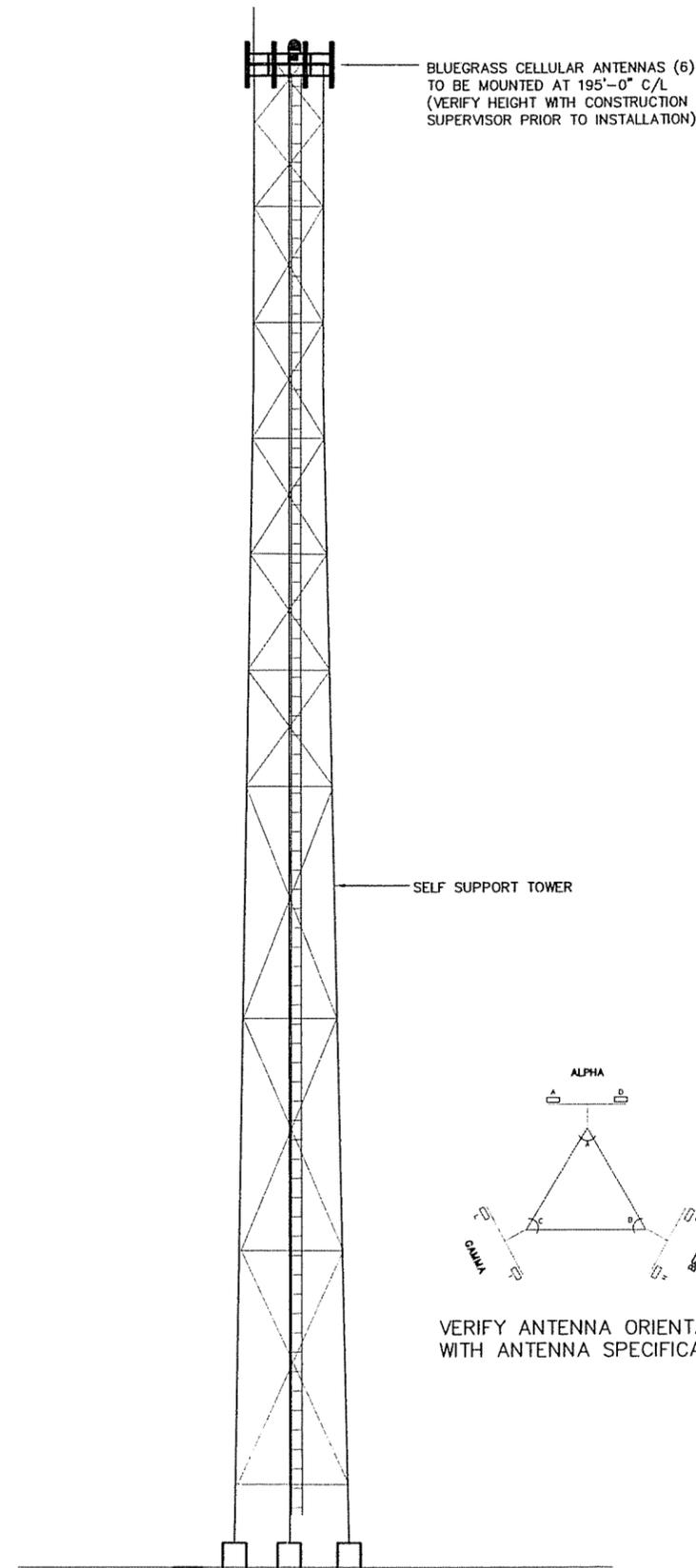
CONTRACTORS TO SUPPLY POLYPHASERS OR LIKE UNITS TO BE INSTALLED AND GROUNDED TO GROUND BAR INSIDE BUILDING AT WAVE GUIDE ENTRANCE. GO TO SUPPLY GROUND CABLE & LUGS.

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

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

TRAPEZE KIT TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

CONTRACTOR TO INSTALL GPS BRACKET



SELF SUPPORT TOWER ELEVATION (TYPICAL)

TOWER HEIGHT & TYPE

195'-0" SELF SUPPORT TOWER

ANTENNA SPECS

	TYPE	SIZE L x W x D	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	AP13-880-850D ADT-XP	L=78.6 W=10.3 D=4.6	6	35*, 145*, 255*	195'-0" C/L <small>VERIFY WITH CONSTRUCTION SUPERVISOR</small>
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					
DISH #2					

DISH MOUNT SPECS

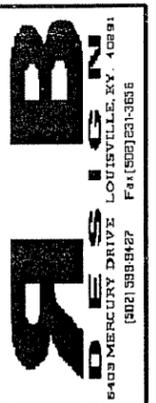
	TYPE	SIZE	NUMBER
MOUNT #1			
MOUNT #2			

DISH TRANSMISSION LINES

	TYPE	SIZE	NUMBER
TRANSMISSION LINE #1			
TRANSMISSION LINE #2			

ANTENNA SYNOPSIS

- * ANTENNAS TO HAVE A 1*E X,Y,Z
- * ANTENNA FREQUENCY 880.00 - 890.00

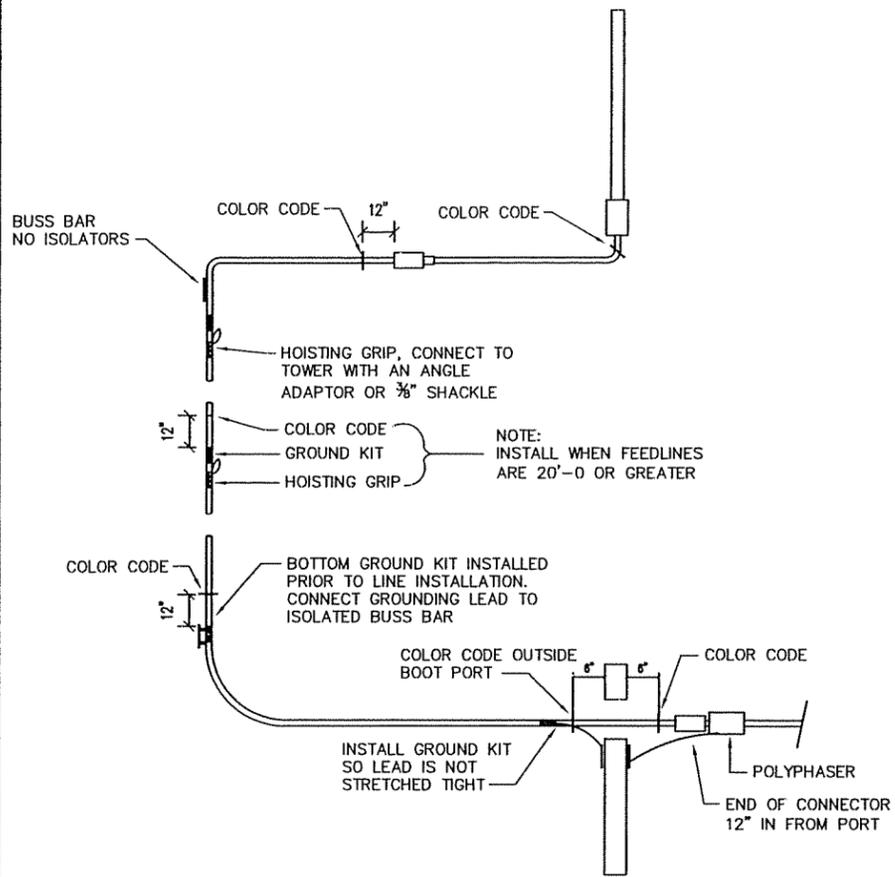


NO.	DATE	REVISION

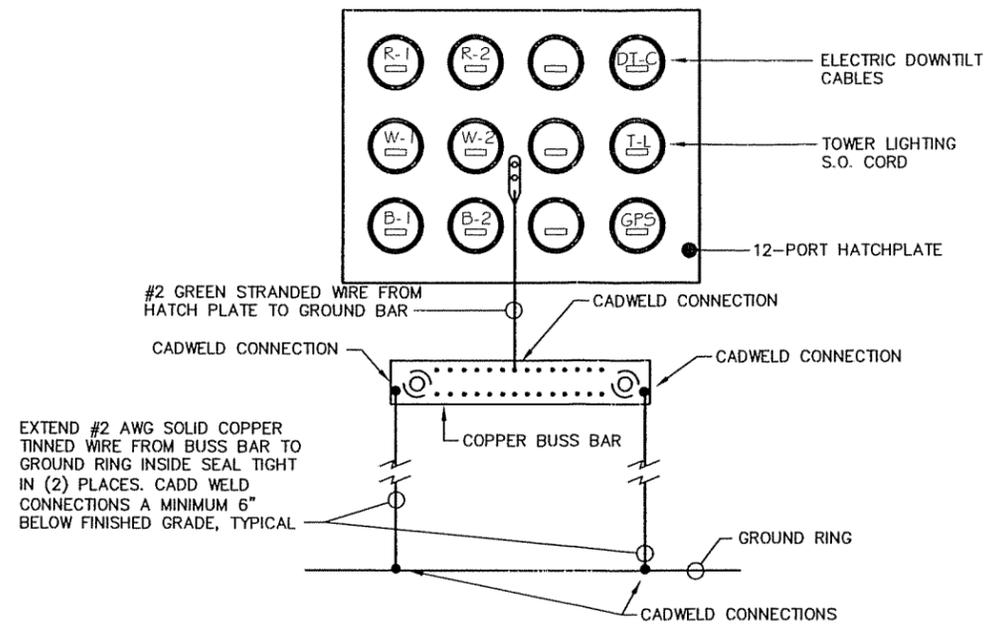
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
5603 N. JACKSON HWY. MUNFORDVILLE, KY. 42765

DRAWN BY: R. BECKER
ISSUE DATE: 7-17-06
SCALE: LISTED

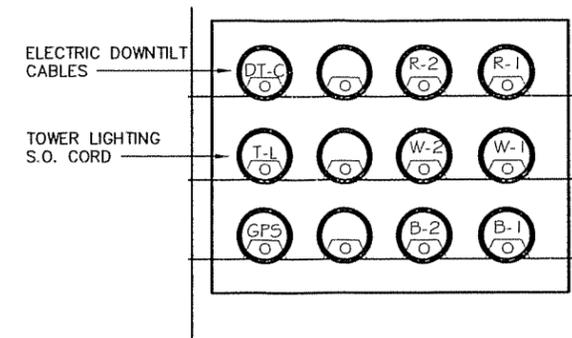
SHEET NUMBER
ANTENNA DETAILS
1



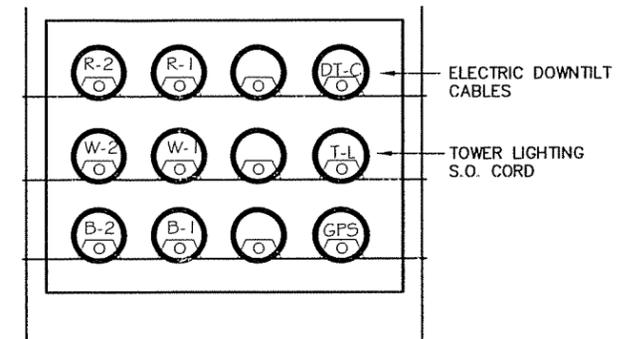
COLOR CODING DETAIL
NO SCALE



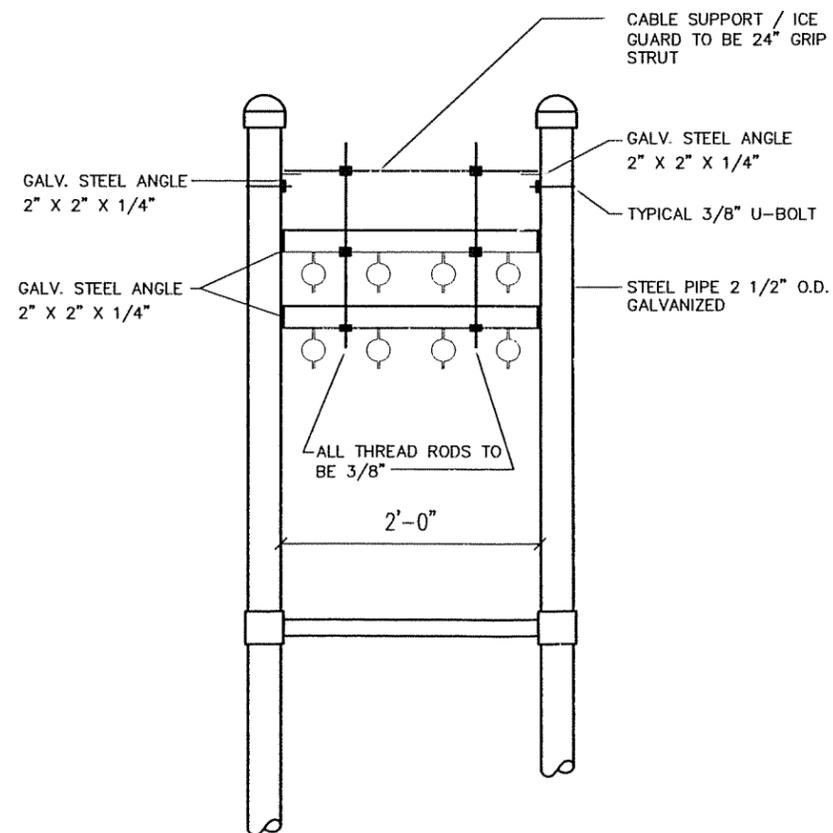
BOOT PORT GROUNDING DETAIL
NO SCALE



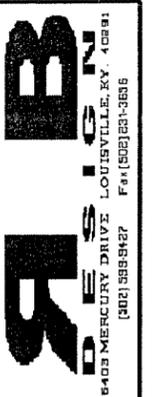
COAX ENTRY DETAIL POWER SIDE (VIEW FROM INSIDE SHELTER)
NO SCALE



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



ICE BRIDGE / COAX SUPPORT DETAIL
NO SCALE

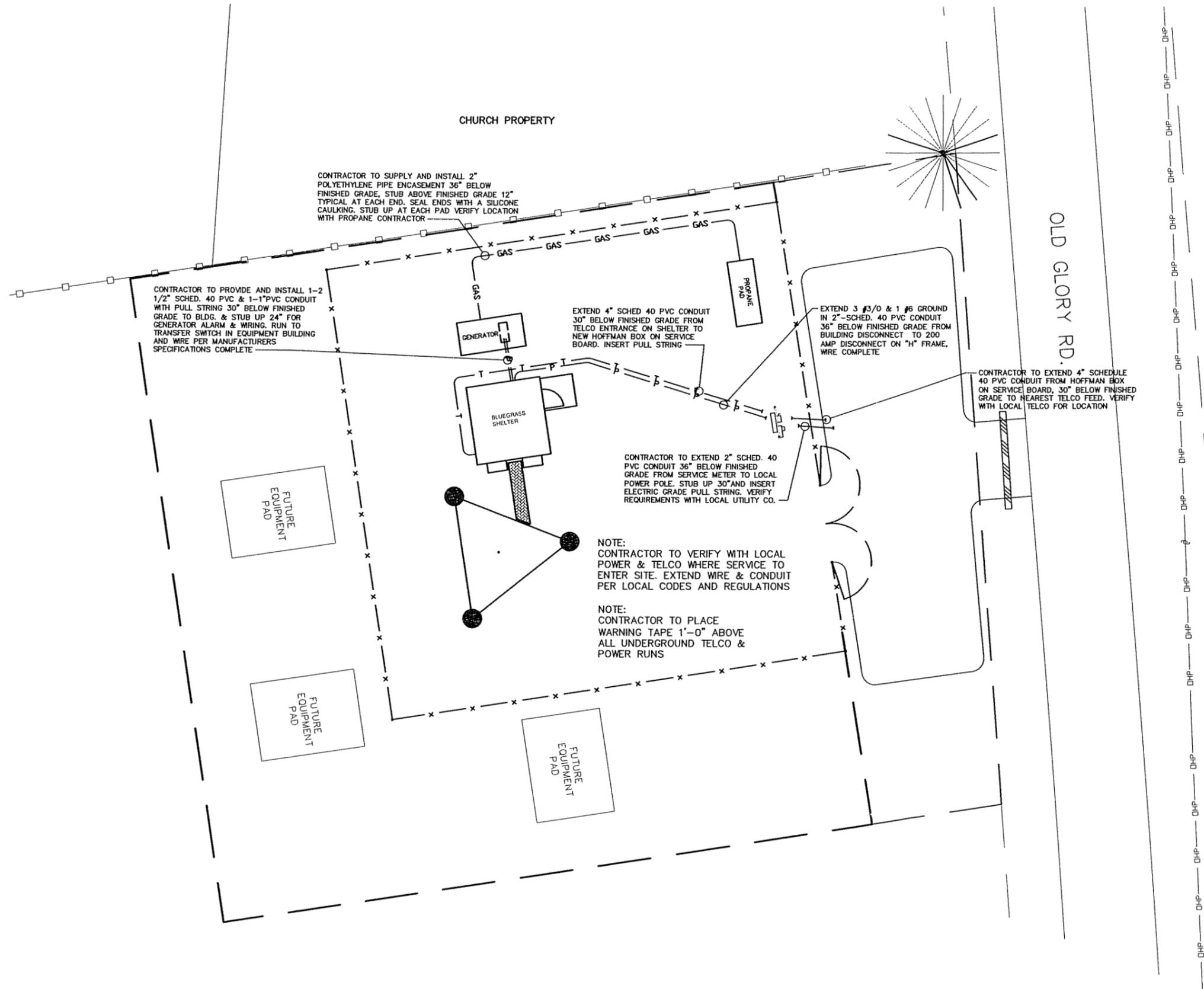


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BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
5603 N. JACKSON HWY. MURFORDVILLE, KY. 42765

DRAWN BY: R. BECKER
ISSUE DATE: 7-17-06
SCALE: LISTED

SHEET NUMBER
ANTENNA DETAILS
2



GENERAL ELECTRICAL NOTES:

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

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

SYMBOLS LEGEND

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

SITE PLAN- ELECTRICAL

SCALE: 1/16" = 1'-0"



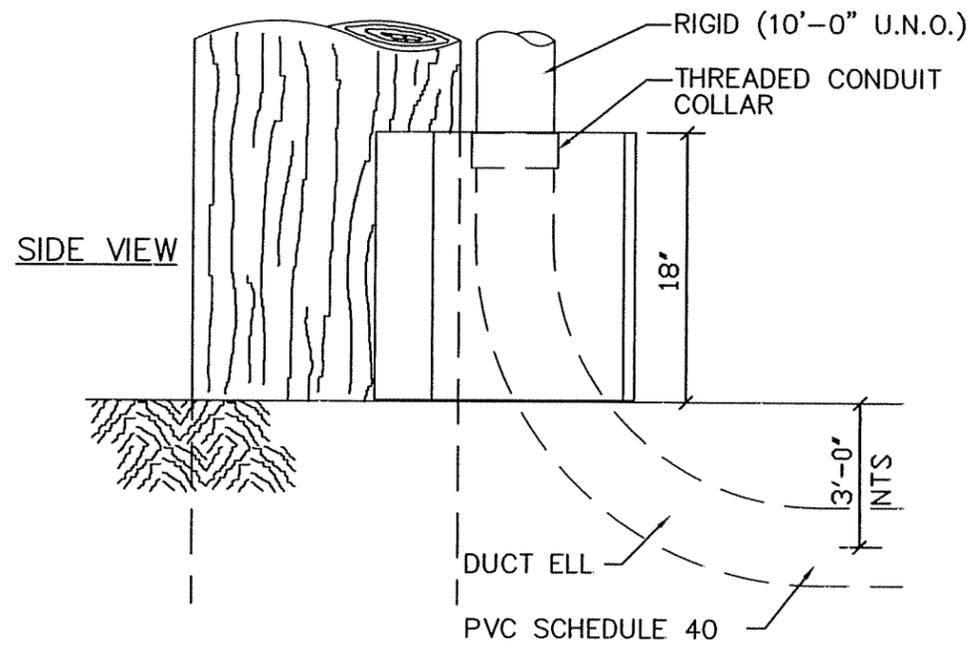
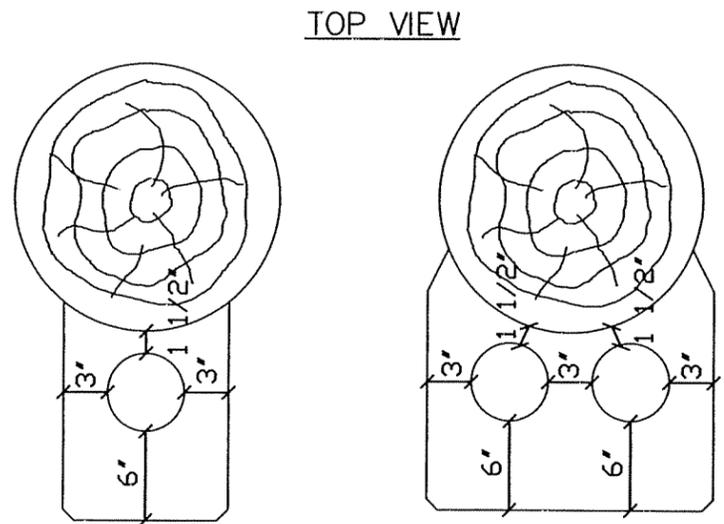
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE

NO.	DATE	REVISION

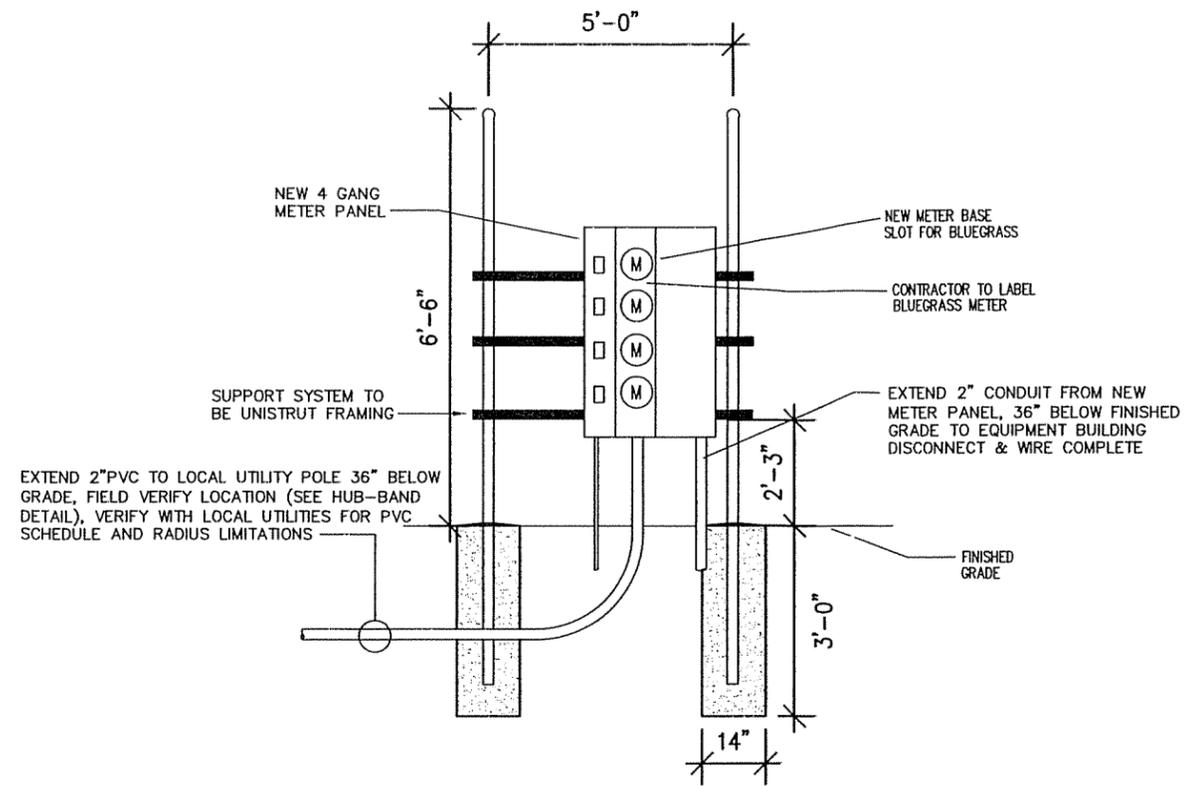
ZULA
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DRAWN BY: R. BECKER
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SCALE: LISTED

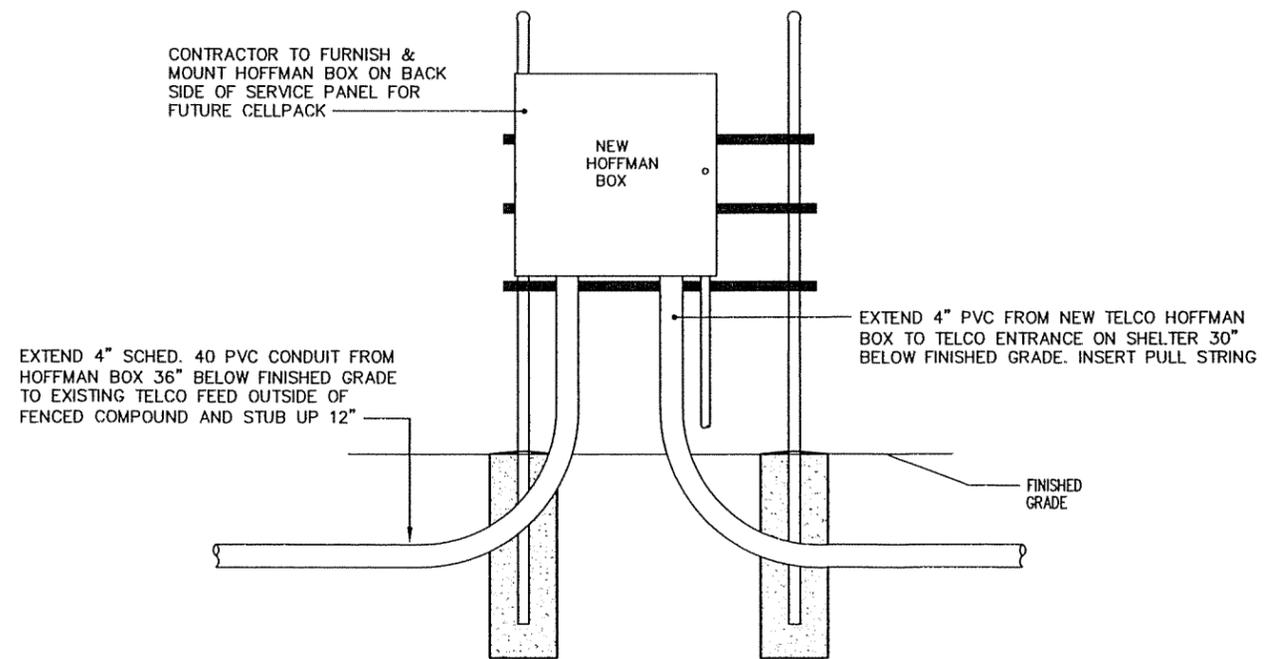
SHEET NUMBER
E-1



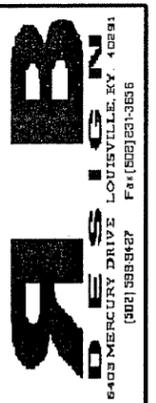
HUB-BAND DETAIL
 NO SCALE



SERVICE BOARD DETAIL
 NO SCALE



BACKBOARD DETAIL
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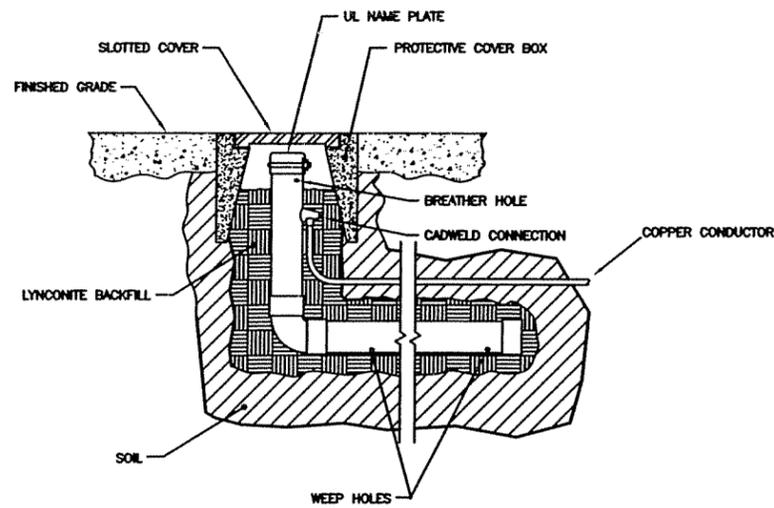


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STANDARD CELLULAR SITE
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 5603 N. JACKSON HWY. MURFORDVILLE, KY. 42765

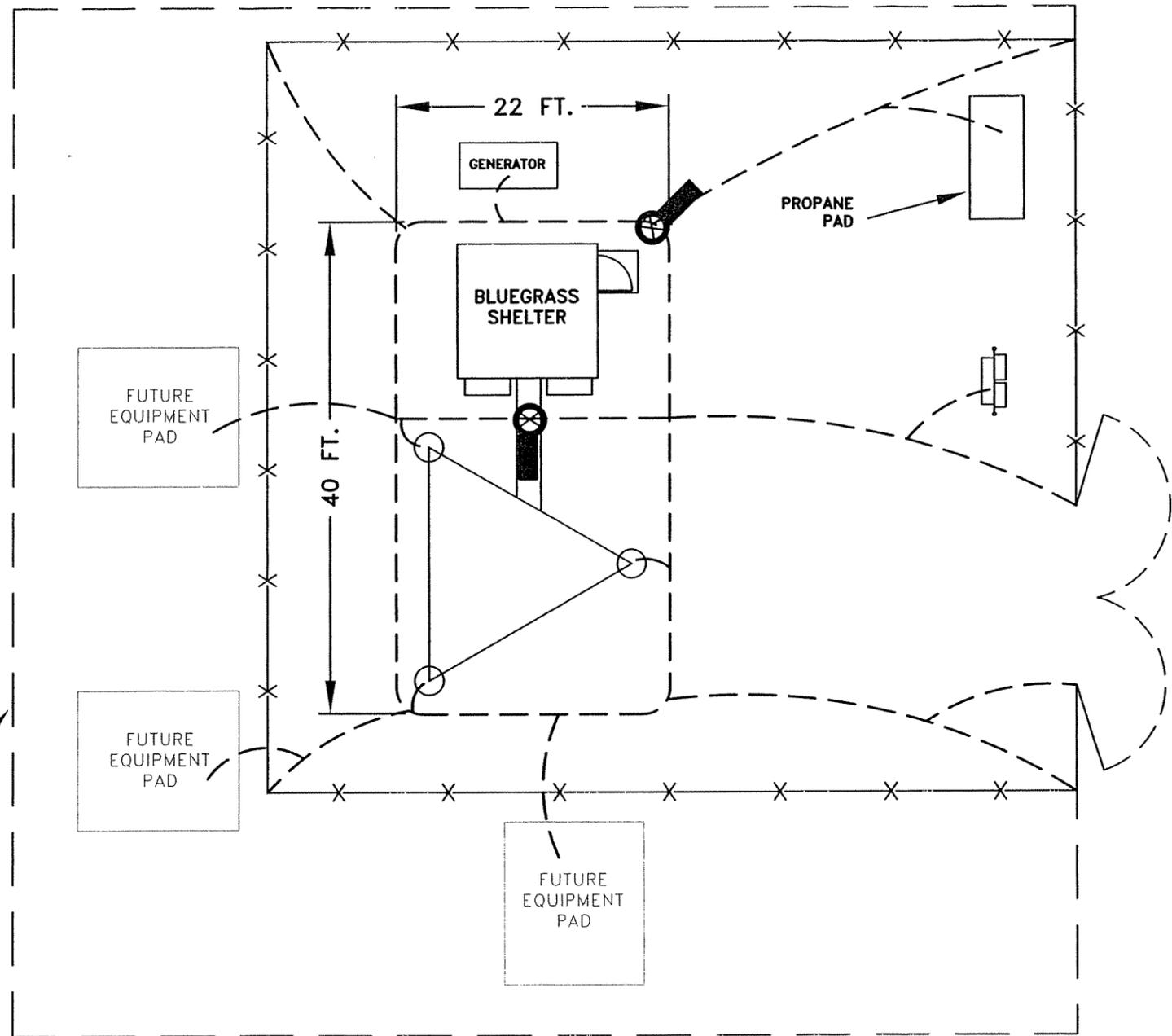
DRAWN BY: R. BECKER
 ISSUE DATE: 7-17-06
 SCALE: LISTED

SHEET NUMBER
 E-2



L-SHAPED MODEL
 Lyncole XIT Grounding
 (800) 962-2610
DETAIL

LEASE AREA



NOTES:

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

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



K2L-10CS (SEE DETAIL)

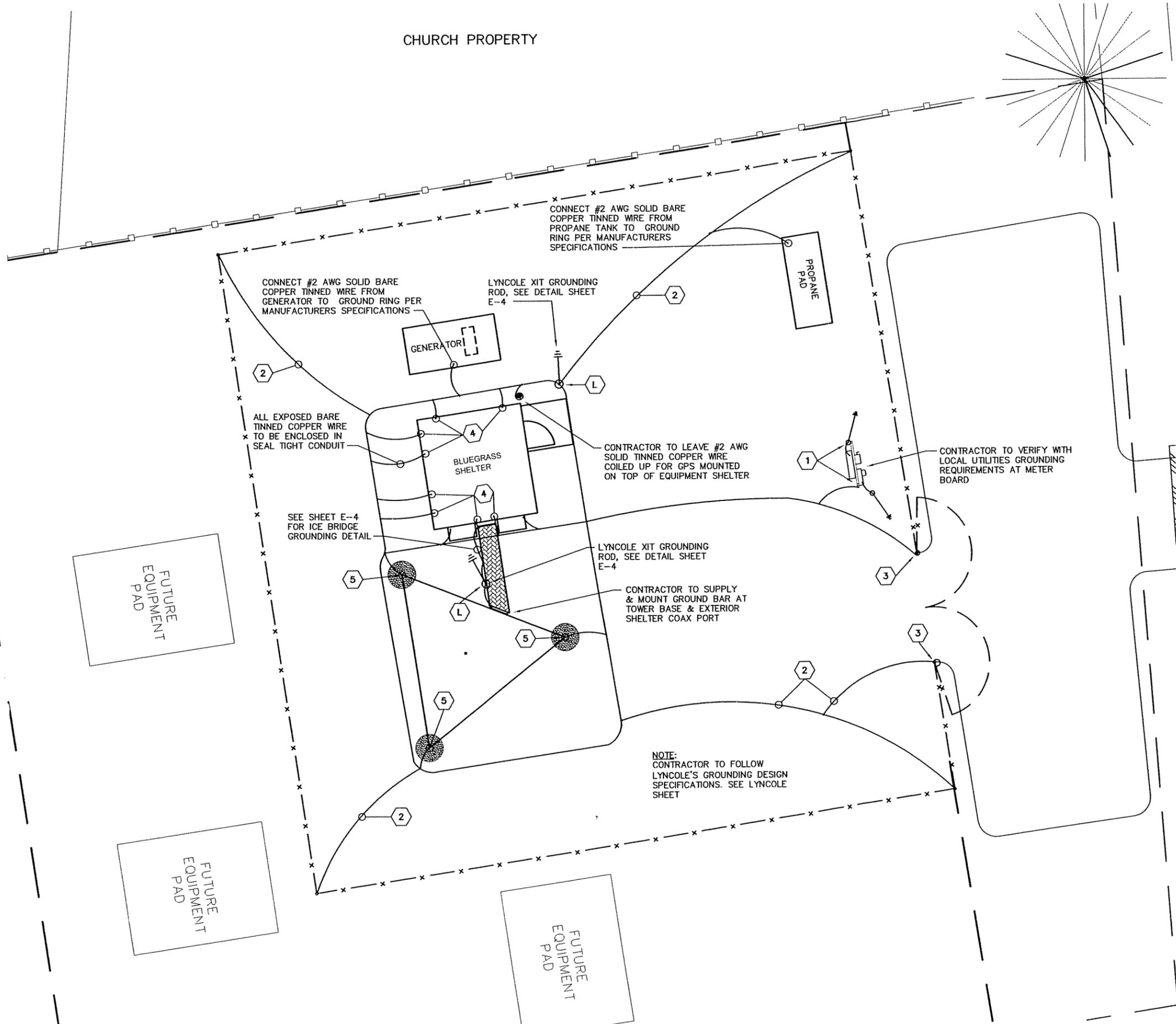
LYNCOLE

TECHNICAL SERVICES

3547 VOYAGER STREET, SUITE 204
 TORRANCE, CA. 90503
 (800)962-2610 FAX (310)214-1114
 ENGINEERING@LYNCOLE.COM

CLIENT / END USER BLUEGRASS CELLULAR			
DRAWING 1	PROJECT NAME ZULA		
TITLE GROUNDING OPTION			
LOCATION: CITY, STATE MUNFORDVILLE, KY		CALCULATED RESISTANCE < 5 OHMS	
DRAWN BY DCN	APPROVED BY	DATE 11/21/06	
SOIL DATA PROVIDED BY TERRACON	REFERENCE NUMBER N/A	SCALE NONE	LTS NUMBER 060206

CHURCH PROPERTY



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. (CADD WELD ALL CONNECTIONS)
- 5) ALL GROUND RING CONNECTIONS TO BE AS CLOSE AS POSSIBLE, SHARP BENDS WILL NOT BE PERMITTED AS WELL AS "T" CONNECTIONS. ALL CONNECTIONS TO HAVE A SWEEPING RADIUS OF 8" MINIMUM. GROUNDING CONFIGURATION TO BE IN PARALLEL.
- 6) CONTACT POINTS FOR GROUNDING TO BE CLEANED OF ANY RUST, 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:

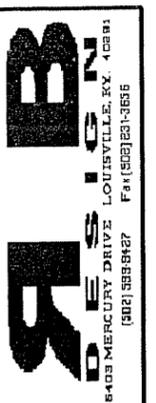
CONTRACTOR TO FOLLOW LYNCOLES GROUNDING SPECIFICATIONS WHEN USING THEIR XIT GROUNDING RODS. SEE DETAIL SHEET E-4.

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 (TYPICAL) SPACING OF RODS INDICATED ON PLANS. INSPECTION SLEEVE TO
- (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: 1/16" = 1'-0"

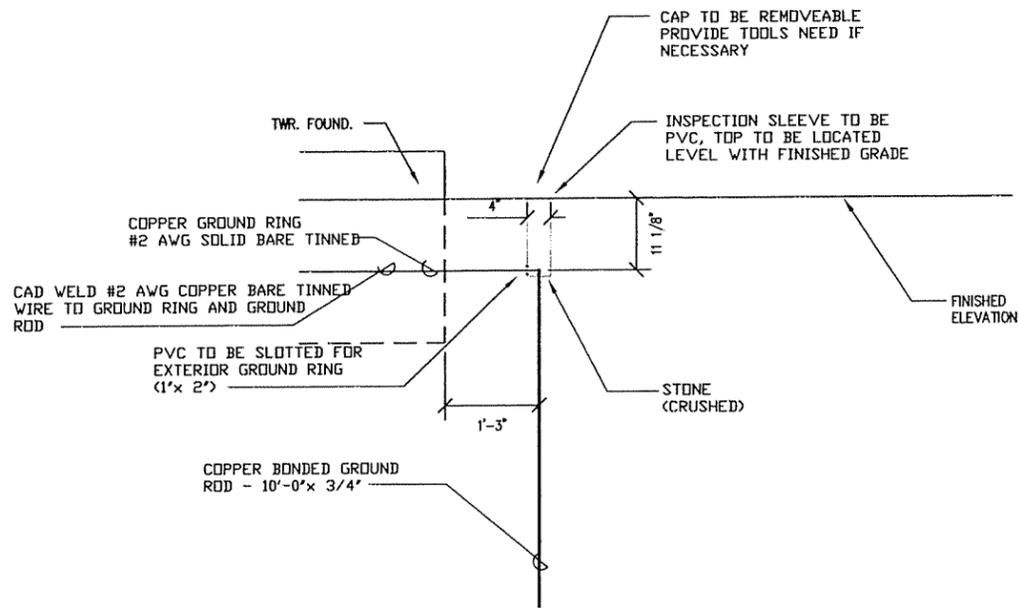


REVISION				
NO.	DATE			

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
5603 N. JACKSON HWY. MUNFORDVILLE, KY. 42765

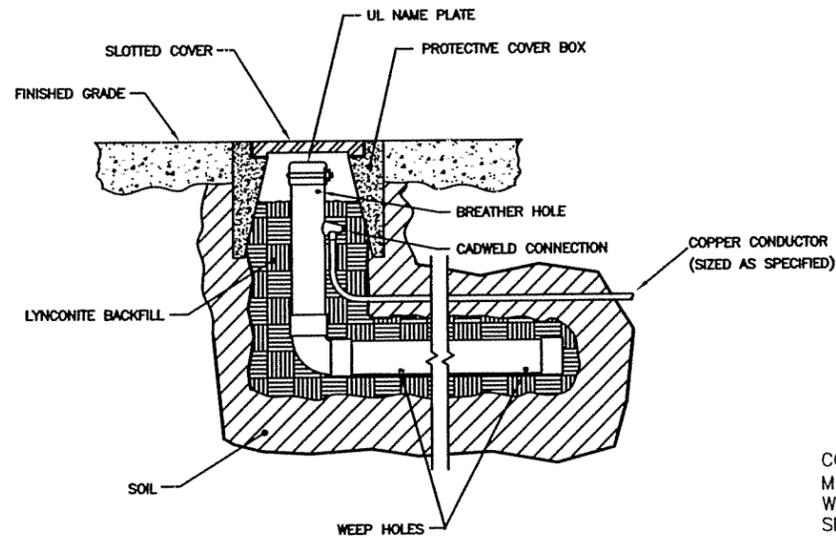
DRAWN BY: R. BECKER
ISSUE DATE: 7-17-06
SCALE: LISTED

SHEET NUMBER
E-3



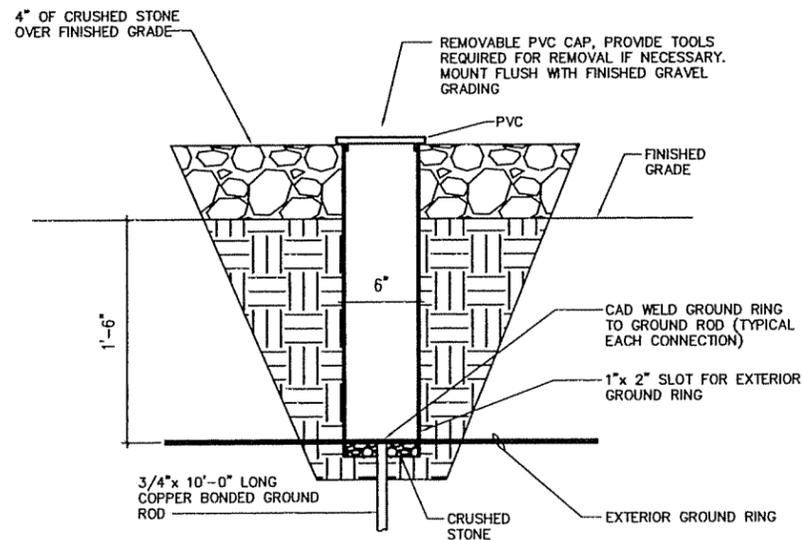
GROUND ROD DETAIL

NO SCALE



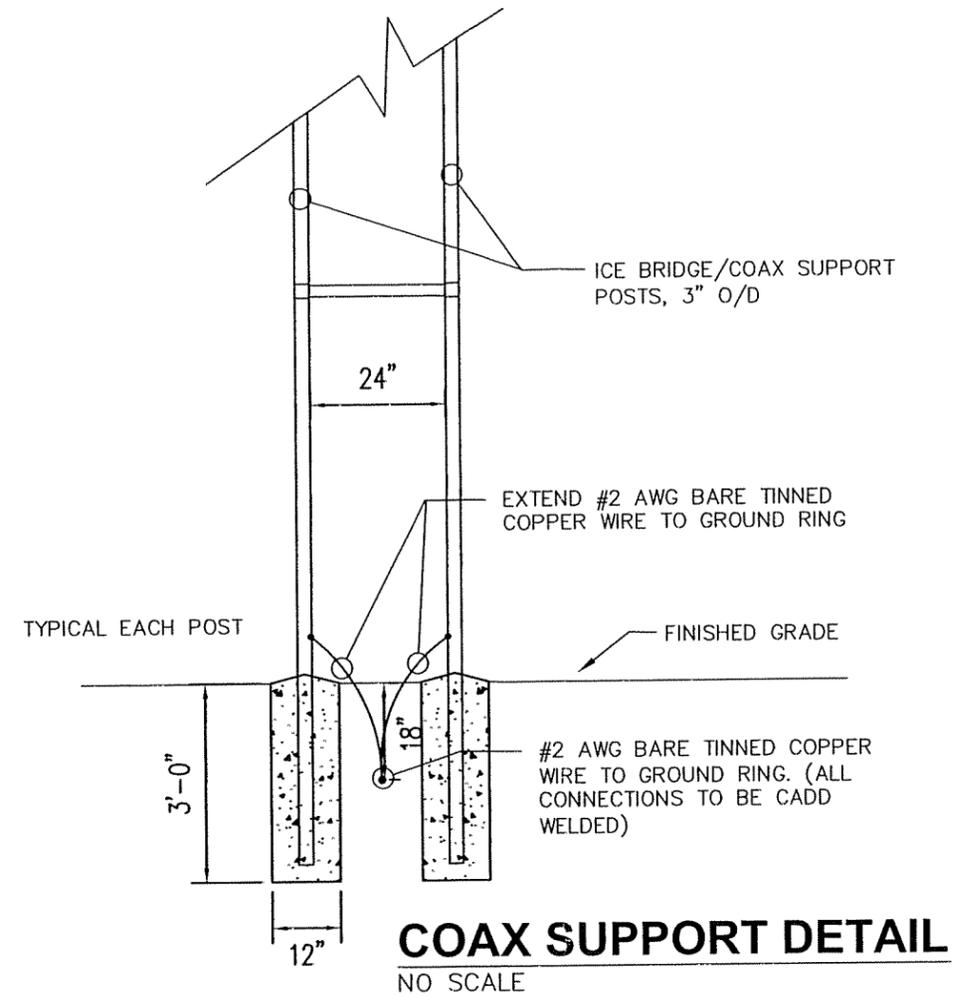
LYNCOLE XIT ROD DETAIL

NO SCALE



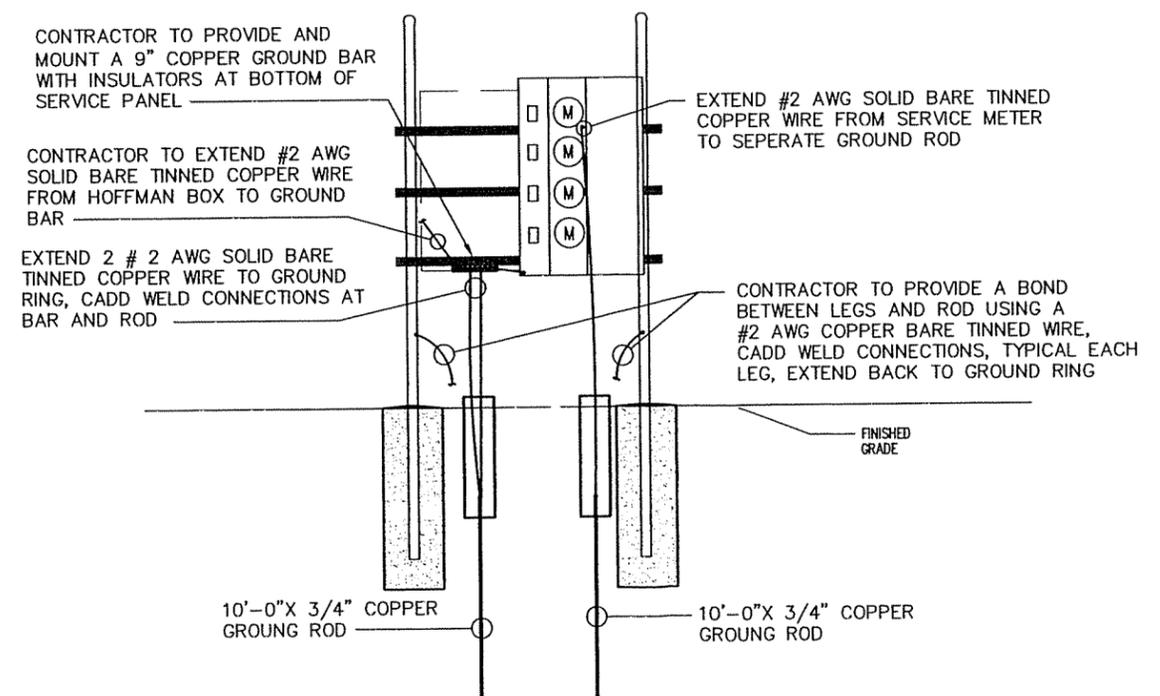
GROUND SLEEVE DETAIL

NO SCALE



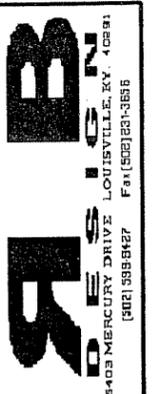
COAX SUPPORT DETAIL

NO SCALE



SERVICE BOARD DETAIL

NO SCALE



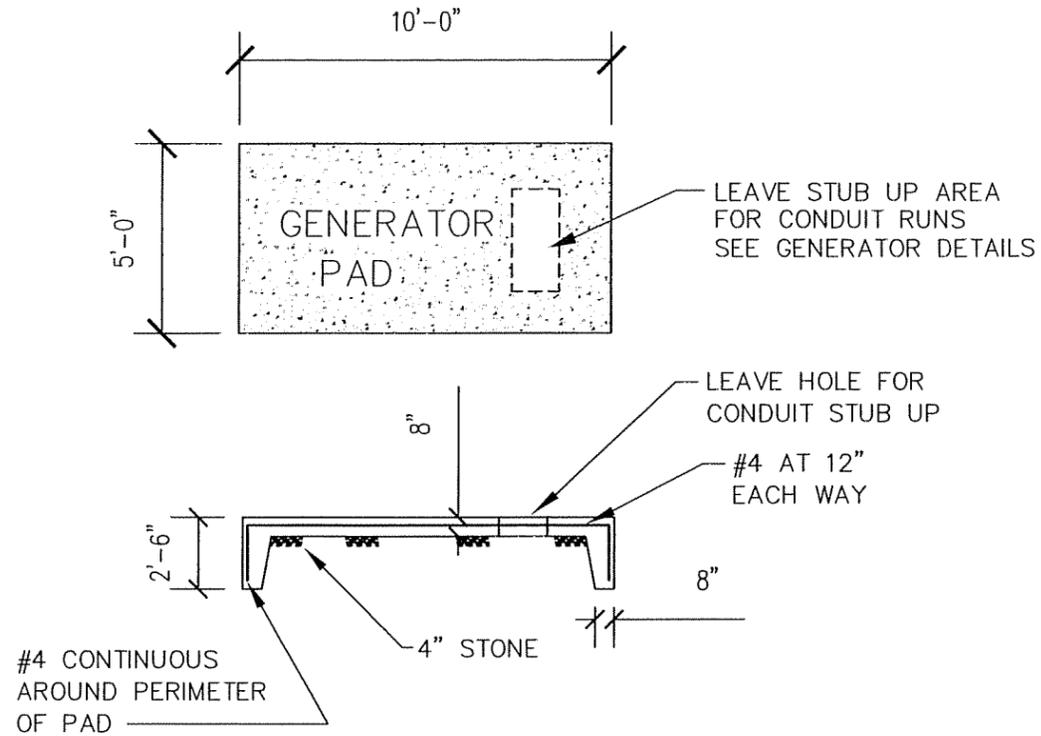
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
 5603 N. JACKSON HWY. MUNFORDVILLE, KY. 42765

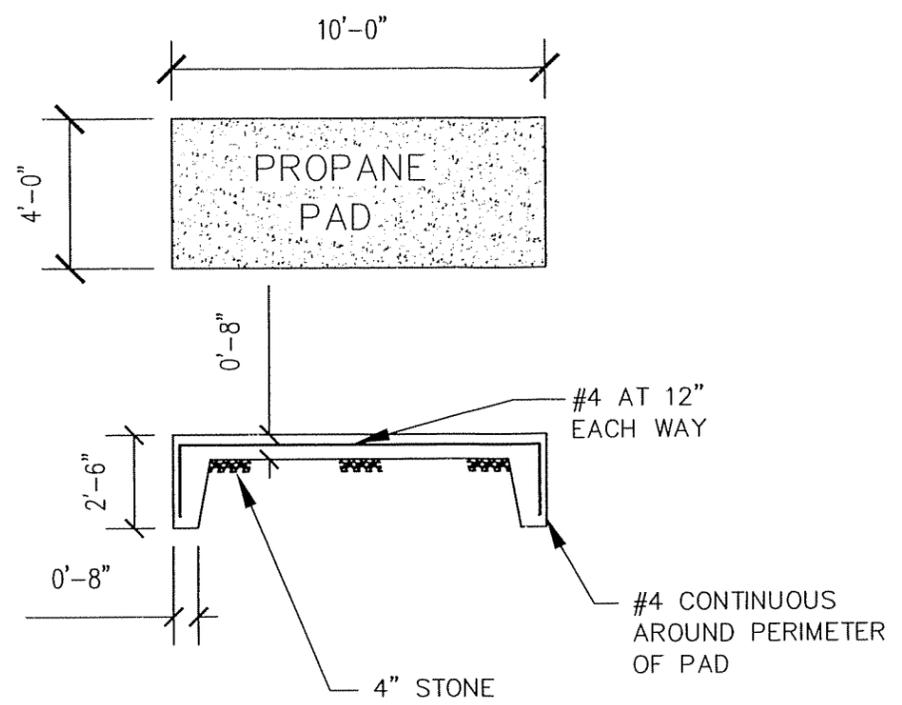
DRAWN BY: R. BECKER
 ISSUE DATE: 7-17-06
 SCALE: LISTED

SHEET NUMBER

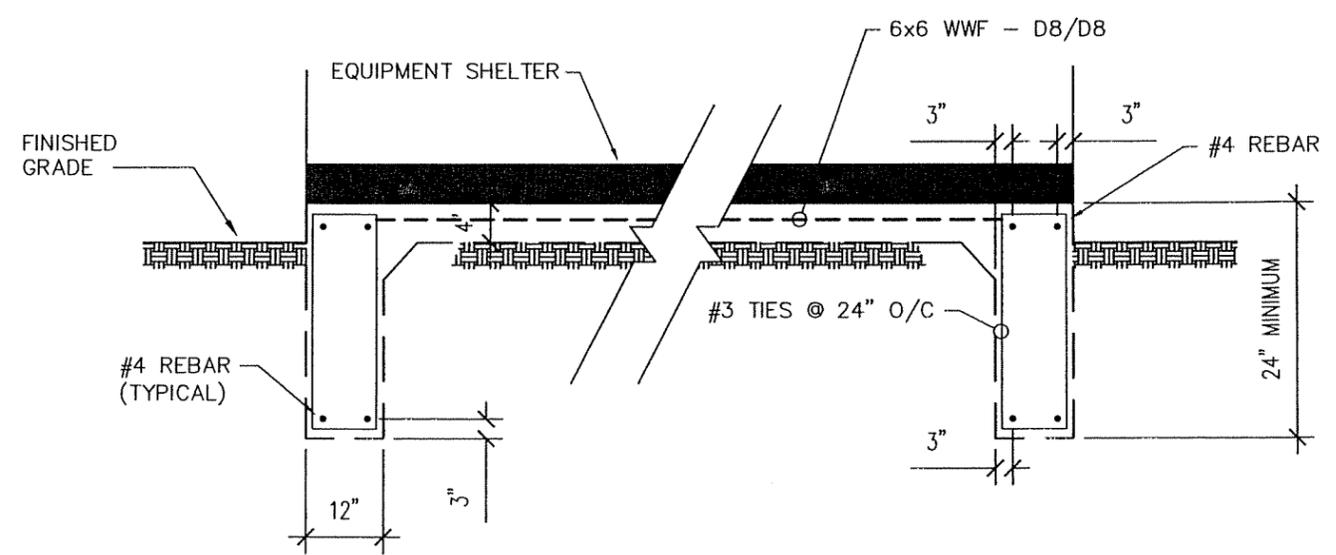
F-4



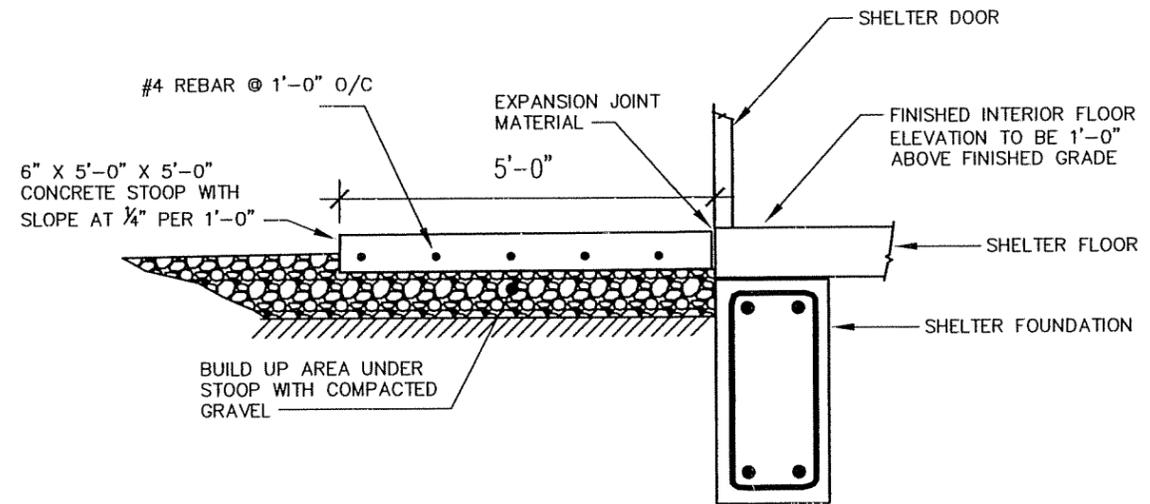
FOUNDATION DETAIL
NO SCALE



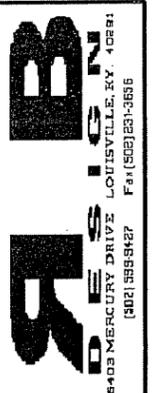
FOUNDATION DETAIL
NO SCALE



SHELTER FOUNDATION PLAN
NO SCALE



CONCRETE STOOP DETAIL
NO SCALE



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
5603 N. JACKSON HWY. MURFORDVILLE, KY. 42765

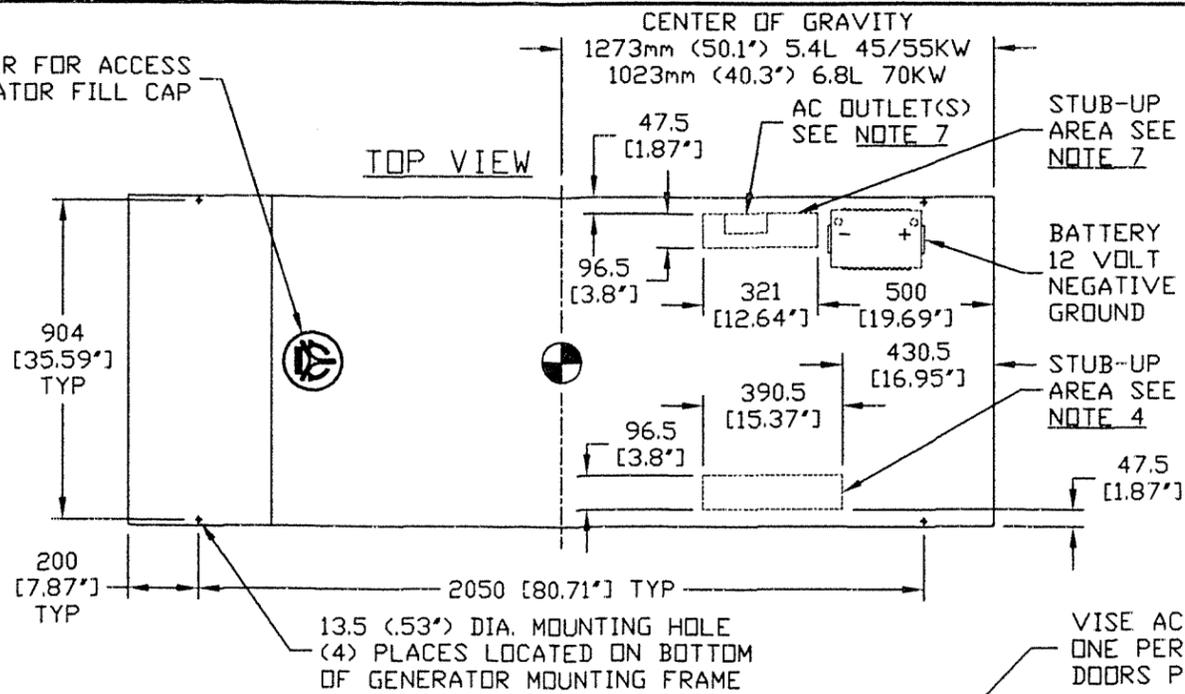
DRAWN BY: R. BECKER	ISSUE DATE: 7-17-06	SCALE: LISTED
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SHEET NUMBER
S-1

OG1407

- 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.
 - 5) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.
 - 6) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
 - 7) REMOVE EITHER LEFT OR RIGHT HAND SIDE PANEL TO ACCESS EXHAUST MUFFLERS.
 - 8) 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.

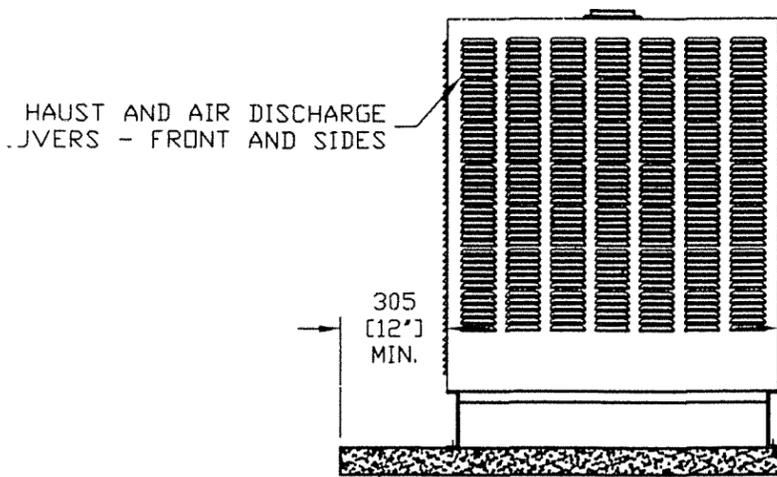
REMOVE COVER FOR ACCESS TO RADIATOR FILL CAP



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

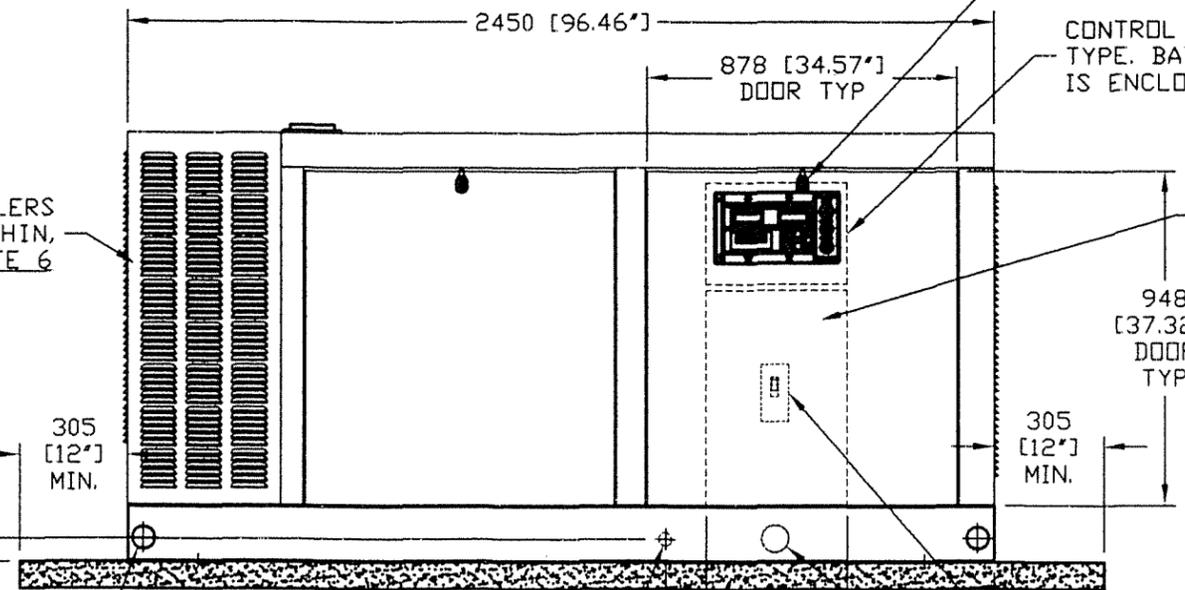
REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS

EXHAUST AND AIR DISCHARGE MUFFLERS - FRONT AND SIDES



FRONT VIEW

EXHAUST MUFFLERS ENCLOSED WITHIN, SEE NOTE 6

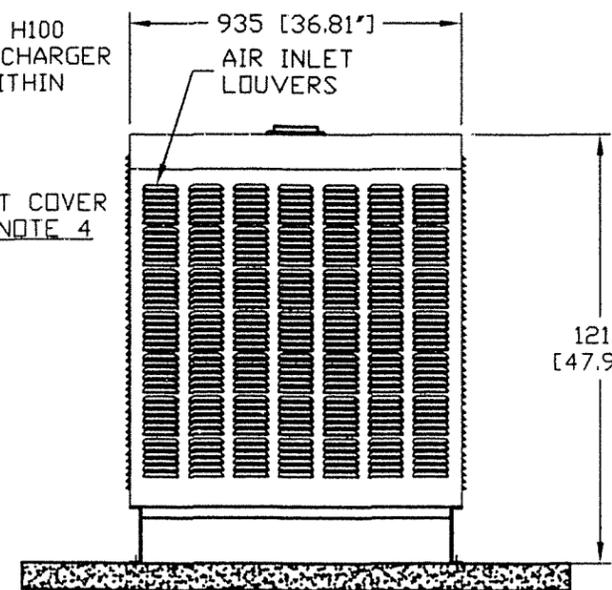


LEFT SIDE VIEW

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

CONTROL PANEL H100 TYPE. BATTERY CHARGER IS ENCLOSED WITHIN

FRONT COVER SEE NOTE 4



REAR VIEW

CONCRETE MOUNTING PAD SEE NOTE 1

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

NATURAL GAS LINE CONNECTION 3/4" NPT FEMALE COUPLING LOCATED ON OPPOSITE (RH) SIDE

STUB-UP AREA

CIRCUIT BREAKER SEE NOTE 3

FIELD CUT HOLE FOR OUTSIDE CONDUIT CONNECTION ONLY. SEE NOTE 4A

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

FILE NAME OG1407.DWG SIZE B

SCALE 1 = 20 FIRST USE INDUSTRIAL QT SERIES

DWG NO. REV

OG1407

*

INSTALLATION DRAWING

GENERAL NOTES:

- 1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP DELIVERY TO SITE, ERECTION OF TOWER, AND CRANE SET, ALL COSTS ENCURERED.
- 2) THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND REVIEWING EXISTING STRUCTORS 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 AUTHORITY 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, WORK TO BE DONE IN COMPLIANCE WITH OSHA RULES AND REGULATIONS.
- 10) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE, AND PROVIDING SILT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY RUN OFF.
- 11) THE CONTRACTOR RESPONSIBLE FOR ANY SEED AND STRAW NECESSARY TO DAMAGED AREAS.
- 12) CONTRACTOR TO GRADE SMOOTH OR REPAIR ANY POT HOLES OR DITCHING ON PROPERTY OR ROAD THAT HAS OCCURRED DURING CONSTRUCTION AT CONTRACTORS EXPIENCE.

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

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

"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.

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 CLODS OVER 2 1/2" MAXIMUM SIZE.
- 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 ENGINEER PRIOR TO FILL BEING ADDED.
- 4) ALL MATERIAL FOR FILL TO BE APPROVED BY ENGINEER 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 MATERIAL SUCH AS, TRASH, DEBRIS, VEGETATION AND SO FORTH COMPLETE.
- 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 CONTACT OWNER & ENGINEER FOR 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 CONTACT ENGINEER FOR RECOMMENDATIONS.

NOTE: GENERAL CONTRACTOR MUST HAVE A MINIMUM 2 LABORERS ON SITE DURING ANY PHASE OF CONSTRUCTION FOR EMPLOYEE SAFETY PRECAUTIONS.

NOTE: THIS SCOPE OF WORK IS A BASIC OUTLINE FOR THE GENERAL CONTRACTOR TO FOLLOW AND DOES NOT EXCLUDE OTHER DUTIES ASSOCIATED WITH THE GENERAL CONTRACTORS RESPONSIBILITIES TO COMPLETE THE CELLULAR SITE. IT IS RECOMMENDED THAT THE SPECIFICATIONS MANUAL BE READ PRIOR TO CONSTRUCTION. SEE RSB DESIGN IF SPECIFICATIONS MANUAL IS NEEDED. 502-599-9427

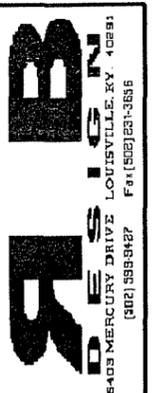
NOTE: CONTRACTOR TO SUPPLY AND INSTALL 1-30 GALLON TRASH CAN INSIDE EQUIPMENT SHELTER WITH SUPPLY OF TRASH BAGS IN BOTTOM. (COLOR OPTIONAL)

- * INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.
- * INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.
- * EXCAVATION TO COMPOUND TO INCLUDE WEED CONTROL MAT.
- * SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL (CROWNED FORMATION)
- * GC WILL BE RESPONSIBLE FOR ALL CRANE OPERATIONS IN ORDER TO SET FIBREBOND BUILDING. COORDINATE BUILDING DELIVERY DATE THROUGH BLUEGRASS CELLULAR.
- * GC WILL BE RESPONSIBLE FOR REPAIR OF ALL AREAS DISTURBED DURING CONSTRUCTION. (EXCAVATING ISSUES)
- * GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOWER WHEN APPLICABLE.
- * GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.
- * GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRIDGE.
- * GC WILL BE RESPONSIBLE FOR SCHEDULING PROPANE TANK DELIVERY AND HOOK-UP.
- * GC WILL BE RESPONSIBLE FOR CLEANING THE INSIDE OF BUILDING BEFORE I HAND SITE OVER TO OPERATIONS DEPARTMENT. THIS WILL INCLUDE SUPPLYING TRASHCAN, TRASH BAGS, BROOM, AND DOORMAT FOR BUILDING.
- * GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE AND PAYING NECESSARY FEES REQUIRED.
- * ALL WAREHOUSE MATERIAL (LINES, ANTENNAS, MOUNTING HARDWARE, GENERATOR, TOWER FOUNDATION KIT, ETC.) WILL NEED TO BE PICKED UP BY GC.
- * ALL ALARMS WILL NEED TO BE HOOKED UP BY GC, THIS IS TO INCLUDE: GENERATOR ALARM AND TOWER LIGHT ALARM. (TO BLUEGRASS CELLULAR INC. ALARM BLOCK)
- * GC WILL BE RESPONSIBLE FOR SCHEDULING GENERATOR START-UP WITH CONTACT SCOTT ANDERSON (EVAPAR) 502-267-6315
- * 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.)
- * GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL FENCING.
- * ALL TRASH AND DEBRIS TO BE REMOVED BY GC
- * GC TO SEPERATE ALL MATERIALS & LABOR IN BID.
- * CONTRACTOR TO BREAK DOWN BIDS USING THE FOLLOWING LINE ITEMS:

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

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



NO.	DATE	REVISION

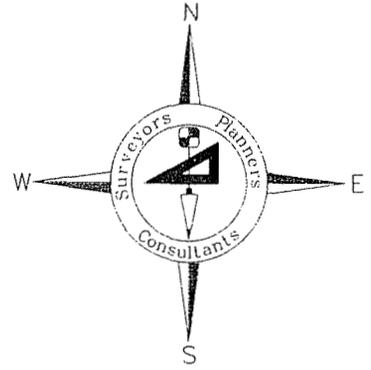
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ZULA
 5603 N. JACKSON HWY., MUMFORDVILLE, KY. 42765

DRAWN BY: R. BECKER
 ISSUE DATE: 7-17-06
 SCALE: LISTED

SHEET NUMBER
General Notes

Landmark Surveying Co., Inc.

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



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

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

Zula Site
Wayne County, Kentucky

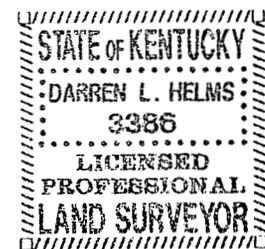
From the Wayne County courthouse in Monticello, Kentucky: travel West 1 block on Business Kentucky Highway 90 to the intersection of Kentucky Highway 92; turn right onto Kentucky Highway 92 and travel North for 1.35 miles to Kentucky Highway 90; turn left onto Kentucky Highway 90 and travel Southwesterly for 8.3 miles to Old Glory School Road; turn right onto Old Glory School Road and travel North for 0.1 miles to the top of the hill and the site on the West side of the road next to the Central Union Separate Baptist Church.

Darren L. Helms

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

SEPT. 28, 2004

Date



Site: Zula

OPTION TO LEASE AND LEASE AGREEMENT

I.

OPTION TO LEASE REAL PROPERTY

THIS OPTION TO LEASE REAL PROPERTY (the "Option Agreement") is made and entered into this 7 day of June, 2006, by and between **Bobby E. Bertram and his wife Margaret Faye Bertram** whose address is **P.O. Box 315, Alpha, Kentucky 42603** (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 Wayne County, **Kentucky** as more particularly described on Exhibit A attached hereto and incorporated herein by reference (the "Property"); and

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

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

1. In consideration of **One Thousand Eight Hundred Dollars and Zero Cents (\$1,800.00)** paid by the Optionee to the Optionor(s) (the "Option Consideration"), the receipt of which is hereby acknowledged by the Optionor(s), the Optionor(s) hereby grants to the Optionee an exclusive and irrevocable option to lease the Property (the "Option"), upon the terms and conditions hereinafter set forth, upon the exercise of the Option at any time before 4:00 p.m. prevailing time on 12-7-07, (the "Option Period") as set forth in Paragraph 5 thereof.

At Optionee's election and upon Optionee's written notice to Optionor prior to expiration of the Option Period, the Option Period may be further extended for one additional period of six (6) months, through and including June 7th, 2008, with an additional payment of Two Thousand Dollars and Zero Cents (\$2,000.00), by Optionee to Optionor for the extension of the Option Period. The Option Period may be further extended by mutual agreement in writing. If Optionee fails to exercise the Option within the Option Period as it may be extended as provided herein, the Option shall terminate, all rights and privileges granted hereunder shall be deemed completely surrendered, Optionor shall retain all money paid for the Option, subject to Paragraphs 7 and 10 herein, and no additional money shall be payable by either party to the other under this Option Agreement.

2. The parties hereto anticipate that the Property comprises approximately a **One Hundred Foot by One Hundred Foot** area, and that a right of way will be given by the Optionor(s) for the purposes of ingress and egress throughout the term of the lease. The Optionee shall obtain an accurate survey of the Property by a registered land surveyor licensed in the Commonwealth of Kentucky at the sole expense of the Optionee. A copy of the survey shall be provided to the Optionor(s). The description of the Property shall include the number of acres determined by the

surveyor. The Optionee shall obtain said survey within a reasonable time following the date of the Option Agreement.

3. During the term of the Option, the Optionee may enter onto the Property at its own risk to obtain soil samples and to bore soil for the purposes of determining the suitability of the Property for a communications tower.
4. Upon the Optionee's proper exercise of the Option in accordance with Paragraph 5 hereof, the Optionor(s) shall be deemed to have immediately executed, acknowledged and delivered to the Optionee the Lease Agreement contained in Section II hereof. The description of the Property shall be that determined by the registered land surveyor in accordance with Paragraph 2 hereof.
5. If the Optionee elects to exercise the Option in accordance with the terms hereof, notice of such election shall be deemed sufficient if personally delivered or sent by registered or certified mail, return receipt requested, to the address of the Optionor(s) set forth in Paragraph 14 hereof.
6. The Optionor(s) agrees not to sell, lease or offer for sale or lease the Property during the term of this Option or any renewal or extension of the Option.
7. In the event the Optionee fails to exercise the Option as set forth herein (unless such failure is due to the discovery of a defect in the Property or other matter unsatisfactory to the Optionee), the Optionor(s) shall have the right to retain the Option 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 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

Site: Zula

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.
14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: **P.O. Box 315, Alpha, KY 42603**; the Optionee's address shall be: **2902 Ring Road, Elizabethtown, KY 42701.**
15. The Optionee shall have the right, in its sole discretion, to record this Option in the Office of the Clerk of the County Court of **Wayne County, Kentucky.**

II.

LEASE AGREEMENT

16. In the event the Optionee elects to exercise the Option to lease the Property, the terms of the Lease Agreement ("Lease Agreement" or "Lease") shall become immediately effective upon such exercise and shall be as follows.
 1. The term of the Lease shall commence on the date that the Optionor(s) receives proper notice that the Optionee has exercised the Option, pursuant to Paragraph 5 therein. The initial term shall expire **five (5) year(s)** from the commencement date of the Lease Agreement and shall include **three (3)**

additional five (5)-year terms per the Lease Agreement. Optionee may, by providing written notice at least sixty (60) days prior to the expiration of the original or any renewal Lease term, elect to unilaterally terminate this Lease at the end of any original or renewal Lease term. Such notice must be personally delivered or sent via registered or certified mail, return receipt requested, to the address of the Optioner(s) set forth in Paragraph 14 hereof. The Lease amount shall be adjusted at the end of each term by an increase of 12%.

2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of **Four Thousand Eight Hundred Dollars and Zero Cents (\$4,800.00)** yearly, to be paid in advance. All rent payments shall be personally delivered or mailed to the Optionor(s) at the address set forth in Paragraph 14 hereof. Any check payment of the rent due under the Lease shall be payable to the order of Optionor(s).
3. The Optionee shall be entitled to use and occupy the Property for the purpose of erecting, maintaining and operating a communications tower and communications facilities thereon and for all such other uses as Optionee may, in its sole discretion, deem necessary in connection therewith.
4. The Optionor(s) shall be responsible for the payment of all real estate taxes which shall be assessed against the Property during the term of the lease. The Optionee shall pay all charges for heat, water, gas, electricity, sewer use charges and any other utility used or consumed on the Property. The Optionee shall, at its own cost and expense, maintain and keep in full force and effect during the term of the lease public liability insurance with coverage

Site: Zula

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

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]

EXECUTION OF AGREEMENT(S)

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

Margaret Faye Bertram

Date: 6-7-06

Bobby E. Bertram

Date: 6-7-06

("Optionor(s)")

[Signature]

Date: 6-12-06

("Optionee")

By: Bobby E and Margaret Faye Bertram
Property Owner(s)

By: Ron Smith
Authorized Representative
Cumberland Cellular Partnership

STATE OF Kentucky

COUNTY OF Wayne

The foregoing instrument was acknowledged before me this 7th day of June, 2006,
by Bobby E. + Margaret Faye Bertram to be his/her free act and deed.

Misty M. Goley

NOTARY PUBLIC STATE AT LARGE

My commission expires: 7-2-08

STATE OF Kentucky
 COUNTY OF Wayne

The foregoing instrument was acknowledged before me this 7th day of June, 2006,
 by Bobby + Margaret Jeff Beaman to be his/her free act and deed.

Misty M. Goley
 NOTARY PUBLIC STATE AT LARGE
 My commission expires: 7-2-08

STATE OF KENTUCKY
 COUNTY OF HARDIN

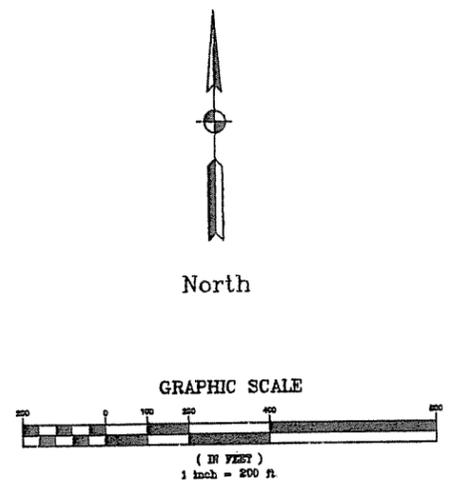
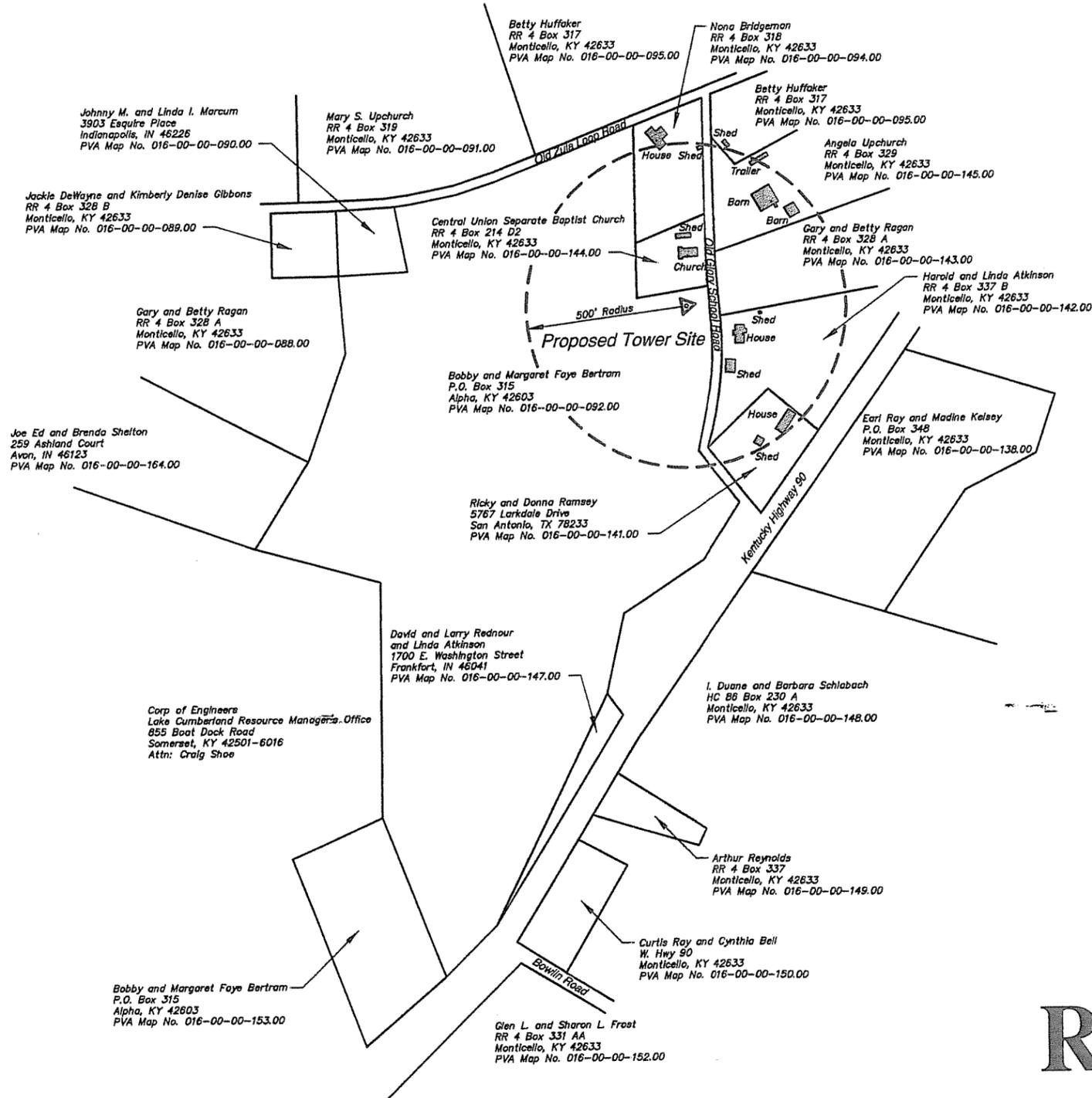
The foregoing instrument was acknowledged before me this 12 day of June,
 2006, by **Ron Smith**, to be his free act and deed.

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

This instrument prepared by:

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

Site: Zula
Wayne County, Kentucky
500-Foot Radius Map for
Structures and Landowners



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

Surveyor's Certification
I hereby certify that the information shown is correct to the best of my knowledge; and it is in accordance with the records found in the office of the Property Valuation Administrator of Wayne County, Kentucky on September 7, 2006.

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

SEPT. 28, 2006
Date

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

Reduced Copy

Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0950
E-mail: landmark@landmark.com
Project No. 06-09-0197

500-foot Radius Map
Route 4 Box 330 A
Monticello, Kentucky 42633

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42702

REVISIONS	DATE

DATE 09-28-06	DRAWN BY A. Winkler	CHECKED BY D.L. Helms
SHEET NO. 1		
OF 1 SHEETS		
FILE NO. zula radius.dwg		

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 (ZULA) IN RURAL
SERVICE AREA #5 (WAYNE) OF THE COMMONWEALTH
OF KENTUCKY**

CASE NO. 2006-00450

AFFIDAVIT OF JOHN E. SELENT

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

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

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

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

3. Attached as Exhibit 2 is a copy of the United States Certified Mail return receipts that demonstrate proof of service of the written notice of the proposed construction upon (all of whom have street addresses): (1) the Corp of Engineers; (2) David and Larry Rednour and Linda Atkinson; (3) Joe and Brenda Shelton; and (4) Johnny and Linda Marcum. (See Exhibit 1.)

4. Attached as Exhibit 3 is a copy of the United States Express Mail return receipt that demonstrates proof of service of the written notice of the proposed construction upon (all of whom have P.O. Box addresses, and not street addresses): (1) Bobby and Margaret Bertram; (2)

Harold and Linda Atkinson; (3) Curtis and Cynthia Bell; (4) Nona Bridgeman; (5) Central Union Separate Baptist Church; (6) Glen and Sharon Frost; (7) Jackie and Kimberly Gibbons; (8) Betty Huffaker (9) Earl and Madine Kelsey; (10) Gary and Betty Ragan; (11) Arthur Reynolds; (12) Duane and Barbara Schlabach; (13) Angela Upchurch; and (14) Mary Upchurch. The addresses for these individuals are P.O. Boxes and therefore cannot be served by United States Certified Mail in compliance with 807 KAR 5:063 § 1(l) and (m). (See Exhibit 1.)

5. Affiant attempted to serve written notice of the proposed construction (see Exhibit 1) upon Ricky and Donna Ramsey (who have a street address and not a P.O. Box address) via United States Certified Mail pursuant to 807 KAR 5:063 § 1(l) and (m). Service of the written notice of the proposed construction to Mr. and Mrs. Ramsey was attempted via United States Certified Mail on October 26, 2006 and notice of the effort to do so was left at the Ramsey's address. As of today's date, Mr. and Mrs. Ramsey have neither physically claimed nor been served with written notice of the proposed construction via United States Certified Mail.

Further Affiant saith not.

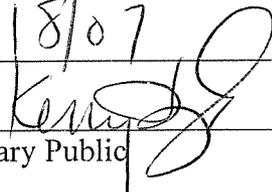


John E. Selent
)
)SS:
)

COMMONWEALTH OF KENTUCKY)
COUNTY OF JEFFERSON)

SUBSCRIBED AND SWORN to, before me this 17th day of December, 2006.

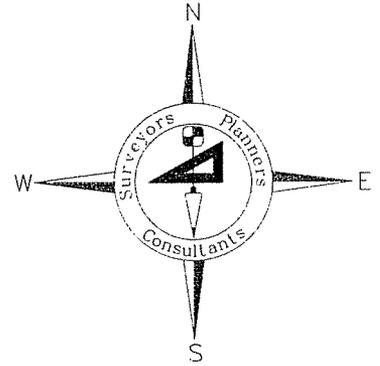
My commission expires: 11/18/07



Notary Public

Landmark Surveying Co., Inc.

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



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

Landowner and Adjacent Landowner List

Bluegrass Cellular
Zula Site
Wayne County, Kentucky

Harold and Linda Atkinson
RR 4 Box 337 B
Monticello, KY 42633

Curtis Ray and Cynthia Bell
W. Hwy 90
Monticello, KY 42633

Bobby and Margaret Faye Bertram
P.O. Box 315
Alpha, KY 42603

Nona Bridgeman
RR 4 Box 318
Monticello, KY 42633

Central Union Separate Baptist Church
RR 4 Box 214 D2
Monticello, KY 42633

Glen L. and Sharon L. Frost
RR 4 Box 331 AA
Monticello, KY 42633

Jackie DeWayne and
Kimberly Denise Gibbons
RR 4 Box 328 B
Monticello, KY 42633

Betty Huffaker
RR 4 Box 317
Monticello, KY 42633

Earl Ray and Madine Kelsey
P.O. Box 348
Monticello, KY 42633

Johnny M. and Linda I. Marcum
3903 Esquire Place
Indianapolis, IN 46226

Gary and Betty Ragan
RR 4 Box 328 A
Monticello, KY 42633

Ricky and Donna Ramsey
5767 Larkdale Drive
San Antonio, TX 78233

David and Larry Rednour
and Linda Atkinson
1700 E. Washington Street
Frankfort, IN 46041

Arthur Reynolds
RR 4 Box 337
Monticello, KY 42633

I. Duane and Barbara Schlabach
HC 86 Box 230 A
Monticello, KY 42633

Joe Ed and Brenda Shelton
259 Ashland Court
Avon, IN 46123

Angela Upchurch
RR 4 Box 329
Monticello, KY 42633

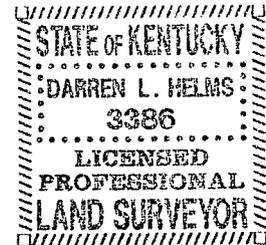
Mary S. Upchurch
RR 4 Box 319
Monticello, KY 42633

Corp of Engineers
Lake Cumberland Resource Manager's
Office
855 Boat Dock Road
Somerset, KY 42501-6016
Attn: Craig Shoe

Darren L. Helms

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

SEPT. 28, 2006
Date



October 23, 2006

Corp of Engineers
Lake Cumberland Resource Manager's Office
Attn: Craig Shoe
855 Boat Dock Road
Somerset, KY 42501-6016

Public Notice

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

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 199 foot tower to be located at Route 4, Box 330 A, Monticello, Kentucky, 42633. 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 2006-00450 in your correspondence.

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<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 <i>Sandra Walters</i> <input type="checkbox"/> Agent</p> <p>B. Received by (Printed Name) C. Date of Delivery <i>Sandra Walters</i> <i>10-27-06</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Corp of Engineers Lake Cumberland Resource Manager's Attn: Craig Shoe 855 Boat Dock Road Somerset, KY 42501-6016</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"/></p>
<p>2. Article Number (Transfer from service label)</p>	<p>7006 2150 0005 6274 8014</p>

October 23, 2006

David and Larry Rednour
and Linda Atkinson
1700 E. Washington Street
Frankfort, IN 46041

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1. Article Addressed to: David and Larry Rednour and Linda Atkinson 1700 E. Washington Street Frankfort, IN 46041	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)	7006 2150 0005 6274 8045

October 23, 2006

Joe Ed and Brenda Shelton
259 Ashland Court
Avon, IN 46123

Public Notice

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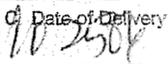
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Frankfort, Kentucky, 40602.**

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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.	A. Signature <input type="checkbox"/> Agent  <input type="checkbox"/> Addressee
1. Article Addressed to: Joe Ed and Brenda Shelton 259 Ashland Court Avon, IN 46123	B. Received by (Printed Name) <input type="checkbox"/> Date of Delivery C. 
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/>
PS Form 3811, February 2004	7006 2150 0005 6274 8038 Domestic Return Receipt 102595-02-M-1540

October 23, 2006

Johnny M. and Linda I. Marcum
3903 Esquire Place
Indianapolis, IN 46226

Public Notice

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

Please refer to case number 2006-00450 in your correspondence.

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

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<p>1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. 2. 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>	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>X Johnny Marcum</i></p>
<p>Article Addressed to:</p>	<p>B. Received by (Printed Name) C. Date of Delivery</p>
<p>Johnny M. and Linda I. Marcum 3903 Esquire Place Indianapolis, IN 46226</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>PS Form 3811, February 2004</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/></p>
<p>7006 2150 0005 6274 8052</p>	
<p>Domestic Return Receipt</p>	
<p>102595-02-M-1540</p>	

November 22, 2006

Bobby and Margaret Faye Bertram
P.O. Box 315
Alpha, KY 42603

Public Notice

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

Please refer to case number 2006-00450 in your correspondence.

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



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October 23, 2006

Harold and Linda Atkinson
RR 4 Box 337 B
Monticello, KY 42633

Public Notice

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Public Service Commission of Kentucky
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October 23, 2006

Curtis Ray and Cynthia Bell
RR 4 Box 336
Monticello, KY 42633

Public Notice

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October 23, 2006

Nona Bridgeman
RR 4 Box 318
Monticello, KY 42633

Public Notice

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October 23, 2006

Central Union Separate Baptist Church
RR 4 Box 214 D2
Monticello, KY 42633

Public Notice

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P.O. Box 615
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Please refer to case number 2006-00450 in your correspondence.

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October 23, 2006

Glen L. and Sharon L. Frost
RR 4 Box 331 AA
Monticello, KY 42633

Public Notice

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October 23, 2006

Jackie DeWayne and
Kimberly Denise Gibbons
RR 4 Box 328 B
Monticello, KY 42633

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October 23, 2006

Betty Huffaker
RR 4 Box 317
Monticello, KY 42633

Public Notice

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Please refer to case number 2006-00450 in your correspondence.

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October 23, 2006

Earl Ray and Madine Kelsey
P.O. Box 348
Monticello, KY 42633

Public Notice

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Please refer to case number 2006-00450 in your correspondence.

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October 23, 2006

Gary and Betty Ragan
RR4 Box 328 A
Monticello, KY 42633

Public Notice

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October 23, 2006

Arthur Reynolds
RR 4 Box 337
Monticello, KY 42633

Public Notice

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October 23, 2006

I. Duane and Barbara Schlabach
HC 86 Box 230 A
Monticello, KY 42633

Public Notice

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October 23, 2006

Angela Upchurch
RR 4 Box 329
Monticello, KY 42633

Public Notice

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October 23, 2006

Mary S. Upchurch
RR 4 Box 319
Monticello, KY 42633

Public Notice

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November 22, 2006

Ricky and Donna Ramsey
5767 Larkdale Drive
San Antonio, TX 78233

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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Dinsmore & Shohl LLP
ATTORNEYS

Carrie Justice
513-977-8457
carrie.justice@dinslaw.com

October 23, 2006

Via Certified Mail

7005 1160 0004 8598 8444

Wayne County Judge Executive
Courthouse
109 North Main Street
Monticello, Kentucky 42633

RE: Public Notice - Public Service Commission of Kentucky
Case No. 2006-00450

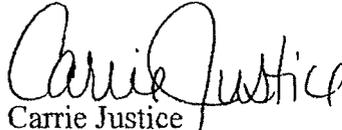
Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky (the Commission) for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #5 in Wayne County. The facility will include a 199 ft. tower and an equipment shelter to be located at Route 4, Box 330 A, Monticello, Kentucky, 42633. 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 2006-00450 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP


Carrie Justice
Paralegal

enclosure

CDJ

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Wayne County Judge Executive
Courthouse
109 North Main Street
Monticello, Kentucky 42633

2. Article Number
(Transfer from service label)

PS Form 3811, February 2004

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x Peggy Edwards

- Agent
- Addressee

B. Received by (Printed Name)

PEGGY EDWARDS

C. Date of Delivery

10-25-04

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee)

7005 1160 0004 8598 8444
Domestic Return Receipt

PUBLIC NOTICE

Cumberland Cellular Partnership
proposes to
construct a cellular
communications
tower

TOWER

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

Construction
Permitting
1000
2000
2000
2000

Permitting
The Permit Office
2000
2000
2000

Please refer to P.S.C.

Case #2006-00450

in your correspondence.

Wayne County

The Outlook

109 East Columbia Avenue • P.O. Box 432

Monticello, KY 42633 • Phone (606) 348-3338 • Fax (606) 348-8848

Melinda Jones, President & Publisher

Newspaper Affidavit

I, Melinda Jones, Publisher of The Wayne County Outlook published at Monticello, Kentucky do solemnly swear that from my own personal knowledge and reference to the files of said publication, the advertisement of:

Dinsmore & Shohl - Public Notice Case No. 2006-00450

was inserted on the following dates in this newspaper:

<u>Date</u>	<u>Page</u>	<u>Column</u>
<u>10-25-06</u>	<u>26A</u>	<u>5</u>
<u>11-1-06</u>	<u>13B</u>	<u>5</u>

Melinda Jones
Publisher

Subscribed and sworn before me this 2nd day of November, ~~19~~ 2006, A.D.
My commission expires 9-28-09.

Notary Public

REAL ESTATE FOR SALE

For Sale Good Investment
Rental Property: 2 Mobile
Homes & Lot. One is 16 x 80.
One is 14 x 70. Call (606) 348-
7723 for more information.

BLUE WATER HEIGHTS SUBDIVISION Restricted, year round lake view lots.

Beautiful view of
Lake Cumberland &
breathtaking mountain
views. Electric (RECC)
& city water.

Call the owners: David or
Karen Southwood
(606) 348-7324
to purchase.

Lots are ready to build
dream homes.

Directions: From Hwy. 90
turn onto Hwy. 92 West &
go 1.5 miles, turn right on
Hwy. 789. Travel
approximately 4 miles,
turn right onto David
Southwood Road to
Blue Water Heights.

CALL KAREN,
(606) 348-7324.
PRICED TO SELL!!

PUBLIC NOTICE

NOTICE

Cumberland Cellular Part-
nership is applying to the Public Service
Commission of Kentucky for a Certifi-
cate of Public Convenience and Necessi-
ty to construct and operate a new faci-
lity to provide cellular radio telecom-
munications service in rural service
area #5 of the Commonwealth of Ken-
tucky (Zula Cell Site). The facility is a
199 foot tower and an equipment shel-
ter to be located at Route 4, Box 330 A,
Monticello, Kentucky 42633. Your com-
ments and requests for intervention
should be addressed to: Executive Di-
rector's Office, Public Service Commis-
sion, Post Office Box 615, 211 Sower
Boulevard, Frankfort, Kentucky 40602.
Please refer to Case No. 2006-00450 in
your correspondence.

YARD SALES

HUGE INSIDE MOVING & GARAGE SALE

Thurs., Fri. & Sat.
10 a.m.—4 p.m.

213 Walnut Street

Bedding, Dishes, Women's,
Men's & Girl's Clothes,
Lots of Household &
Baby Items

Subscribe to
The Wayne
County Outlook.

Scaring away tooth decay

Halloween can be a fun
and exciting time for children,
however the main culprit that
causes this fun and excitement
are the nonstop treats and
candy.

It is important for parents
to keep their children safe dur-
ing this holiday, but it is also
wise to keep an eye on what
children are consuming while
also making sure dental
hygiene is practiced.

"There are several tips
parents should consider while
helping their child maintain
proper oral health during this
holiday," said Cliff Maesaka,
D.D.S. and Delta Dental Plan
of Kentucky President. "One
very popular strategy in keep-
ing a child's dental health in
check is to set up a candy
'bank,' establishing when the
'bank' will be open and allow-
ing only two to three pieces of
candy at a time."

Other suggestions include:

- Serve a healthy dinner
before trick-or-treating; some-
times a nourishing meal can
leave less room for junk food.

- Consider giving out
sugar free treats or even tooth-
brushes, toothpaste or floss to
other trick-or-treaters.

- After eating candy, par-
ents can give their child a
piece of cheese, fruits, vegeta-
bles, water or milk to wash
away sugar from teeth.

- Make sure your child
brushes and flosses twice a day
and before bedtime.

Lastly, and most impor-
tantly, be sure and inspect a
child's candy for loose or torn
wrappers. If you suspect candy
has been tampered with, dis-
card immediately.

It is almost impossible to
restrict a child from eating
candy during Halloween. Least
harmful to the teeth are candies
that can be chewed up, swal-
lowed quickly or ones that melt
in your mouth, such as choco-
lates.

Halloween does not have
to be a scary time for chil-
dren's teeth. Following the
proper guidelines while brush-
ing and flossing at least twice a
day is sure to scare away tooth
decay.

For more information on
children's oral health, please
contact Delta Dental at (502)
736-5000 or log on to
www.deltadentalky.com.

Cumberland District Board of Health OF PUBLIC HEARING

The Cumberland District Board of Health will hold a public hearing in
current lot size regulation of 15,000 square feet for the installation of
all lots created, sectioned, or platted off after January 1, 2007 shall
be subject to the following: Lots intended for construction of a home or a building for human
habitation of 22,000 square feet of 'suitable' or 'provisionally suitable' area
shall be dependent upon meeting the conditions specified in
the conditions specified in Section 4 subsections B, C, D, and E of
the minimum square footage requirements is to protect public

any home or building intended for human habitation shall have a
site plan submitted by the owner, builder, or developer to accompany the site application.
The site plan shall include the location of the following: bedroom(s), laundry room(s),
bath(s), and kitchen. A site plan shall be required at time of site application. This
regulation applies to the Lake Cumberland District which includes: Adair, Casey,
Crittenden, Harlan, Lincoln, Mingo, Morgan, Powell, Pulaski, Russell, Taylor, and Wayne Counties.

The public hearing is scheduled at 7:00 p.m., November 14, 2006 at
the Health Department Administrative Office located at
100 West 1st Street, KY.

Comments will be accepted until close of business Monday, November 13,
2006 at 5:00 p.m. Comments should be directed to Stuart Spillman, Pulaski County Health Center, 45 Roberts
Street, KY.

Additional regulations are available for review at the Pulaski County
Health Department, Somerset, KY 42501.

www.wcoutlook.com

**REAL ESTATE
FOR SALE**

**BLUE WATER
HEIGHTS SUBDIVISION
Restricted, year round
lake view lots.**

Beautiful view of
Lake Cumberland &
breathtaking mountain
views. Electric (RECC)
& city water.

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go 1.5 miles, turn right on

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approximately 4 miles,
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Southwood Road to
Blue Water Heights.

**CALL KAREN,
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PRICED TO SELL!!

PUBLIC NOTICE

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 (Zula Cell Site). The facility is a 199 foot tower and an equipment shelter to be located at Route 4, Box 330 A, Monticello, Kentucky 42633. 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. 2006-00450 in your correspondence.

**COMMONWEALTH OF KENTUCKY
WAYNE CIRCUIT COURT
CASE NO. 06-CI-00226
US BANK, N.A., AS TRUSTEE,
PLAINTIFF VS.**

**BRIAN J. REYNOLDS
UNKNOWN SPOUSE OF BRIAN J.
REYNOLDS; UNKNOWN SPOUSE
(IF ANY) OF SHERRY L. REYNOLDS;
AREA BANK D/B/A AREA
MORTGAGE COMPANY,
WHOLLY ACQUIRED BY BRANCH
BANKING AND TRUST COMPANY;
AND BRANCH BANKING AND
TRUST COMPANY, DEFENDANTS**

**NOTICE OF MASTER
COMMISSIONER'S SALE**

Pursuant to a Judgment and Order of Sale entered on October 11, 2006, by the Wayne Circuit Court in Civil Action No. 06-CI-00226, I will sell at public auction, to the highest and best bidder, a certain tract or parcel of land, lying and being in Wayne County, Kentucky, and bounded and described as follows, to-wit:

Beginning at a stake at the Sloan Road; thence South 34 West 6 poles to a stake; thence South 32 West 11 poles to a stake, Lenora Frye's Corner; thence with Frye's line North 86-2/3 West 97 poles to two sourwoods at the top of a hill; thence North 47 East 58 poles to a large sandstone; thence North 39-1/2 East 9-1/2 poles to a chestnut oak at the South end of a fedge rock; thence South 85 East 20 poles with the fence to a chestnut oak; thence South 73 East 28 poles with the fence to a gum; thence East 18 poles with the fence to a rock at the Sloan Road; thence in a southerly direction 29 poles with the road to the beginning. Containing 32.3 acres, more or less.

BEING, THE SAME PROPERTY conveyed to Brian J. Reynolds and his wife, Sherry L. Reynolds, by virtue of a deed from Jimmy Black and his wife, Vickie Black, dated April 28, 2000, filed May 11, 2000, recorded in Deed Book 278, Page 118, County Clerk's Office, Wayne County, Kentucky; AND FURTHER conveyed to Brian J. Reynolds, an unmarried person, by virtue of a deed from Sherry L. Reynolds, no status given, dated July 22, 2005, filed July 29, 2005, recorded in Deed Book 311, Page 700, County Clerk's Office, Wayne County, Kentucky

**ADVERTISEMENT
FOR BID**

NOTICE TO BID

The Wayne County Fiscal Court will hold a pre-bid meeting November 2 at 4 p.m. in the small courtroom in the Wayne County Courthouse for cleanup of the following Kentucky Pride Fund dumpsite cleanups: Morrows Landing Road, Kelly Lane Road, Kelly Lane/Spahn Hill Road, Kelly Lane/Spahn Hill Site #2, Twyford Road Hwy. 833. For more information contact Andrew Parmley, Solid Waste Coordinator at (606) 307-5065 or (606) 348-8522. Any contractors planning on submitting a bid must attend this meeting. Bids are to be submitted at the Wayne County Judge Executive's office no later than 4 p.m. on Wednesday, November 8.

The Wayne County Fiscal Court may consider informal any bid not submitted in accordance with the provisions of this advertisement and may waive any informalities or may reject any and/or all bids and specifically reserves the right to accept what they consider and determine to be the best bid(s).

Bid will be let at the Wayne County Fiscal Court meeting on Thursday, November 9, 2006 at 6 p.m. pending the final approval of the Pride Office at Center for Rural Development.

SEALED BIDS

The Wayne County Board of Education will be selling the following vehicle. Sealed bids will be accepted in the Office of the Superintendent, 534 Albany Road, Monticello, KY until 1:00 p.m. November 13, 2006, at which time they will be opened. Bids will be awarded at the November regular Board of Education meeting. The following vehicle can be seen at the Wayne County School Bus Garage, 220 East Highway 90 Bypass, between the hours of 8:00 a.m. and 4:00 p.m. The Wayne County Board of Education reserves the right to reject any and/or all bids.

1979 Chevrolet Blazer,
CKL189F1498809

**ADMINISTRATORS
NOTICE**

**WAYNE DISTRICT COURT
CASE # 06-P-00013**

Notice is hereby given that Lewis Allen Upchurch, Executor of the Last Will and Testament of Dora A. Morgan filed his final settlement in said estate on the 25th day of October 2006 and that such settlement was directed to lie over for exceptions as required by

SERVICES

**FOR PROBLEMS?
SITE DAMAGE?**

**or Leveling
BEAM
ACEMENT
s Experience"
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all
9-2487.**

BUILDERS

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texturing,
le. Over 20
1-1928.**

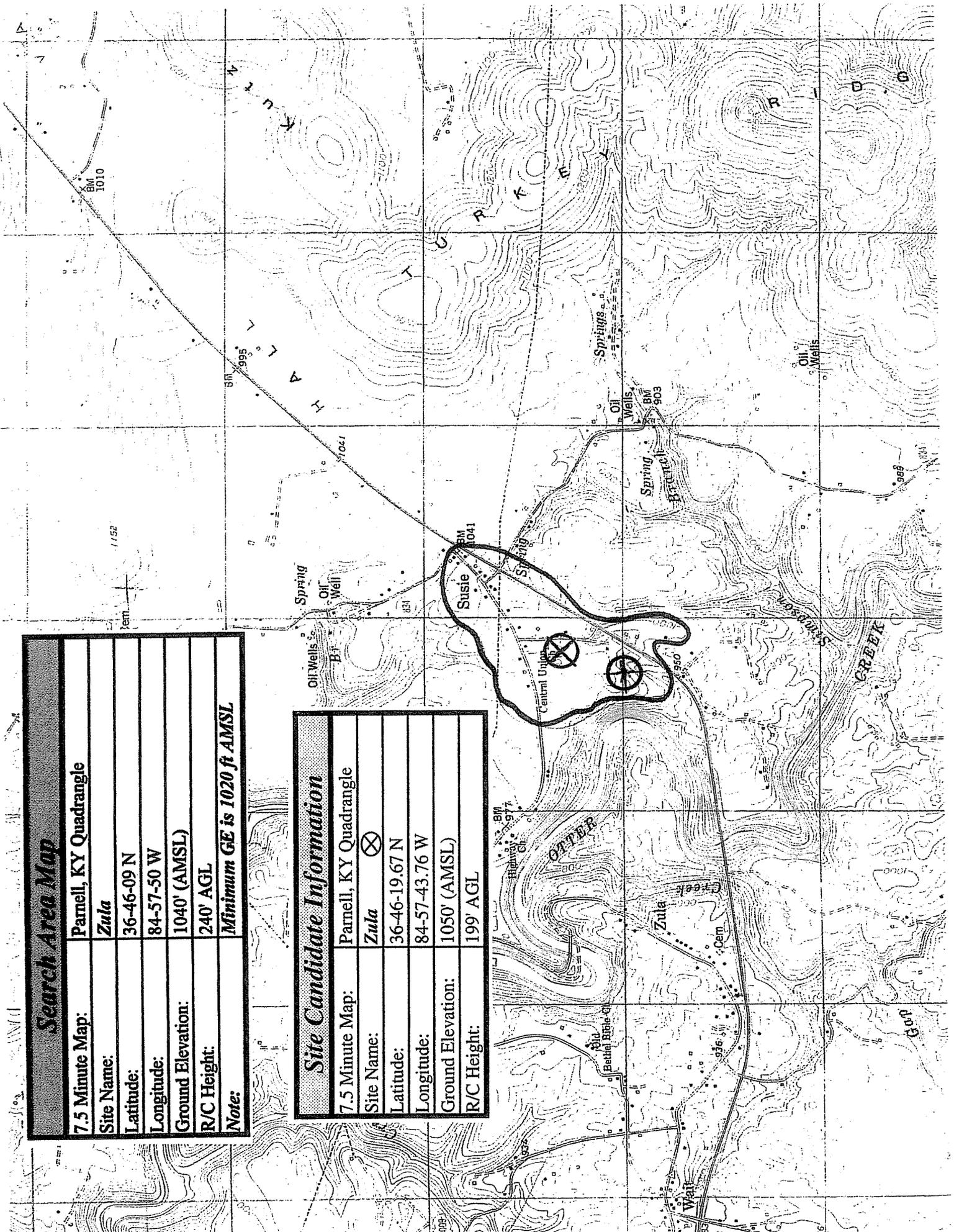
**arpet
ny, KY
arpet**

Search Area Map

7.5 Minute Map:	Parnell, KY Quadrangle
Site Name:	Zula
Latitude:	36-46-09 N
Longitude:	84-57-50 W
Ground Elevation:	1040' (AMSL)
R/C Height:	240' AGL
Note:	Minimum GE is 1020 ft AMSL

Site Candidate Information

7.5 Minute Map:	Parnell, KY Quadrangle
Site Name:	Zula ⊗
Latitude:	36-46-19.67 N
Longitude:	84-57-43.76 W
Ground Elevation:	1050' (AMSL)
R/C Height:	199' AGL

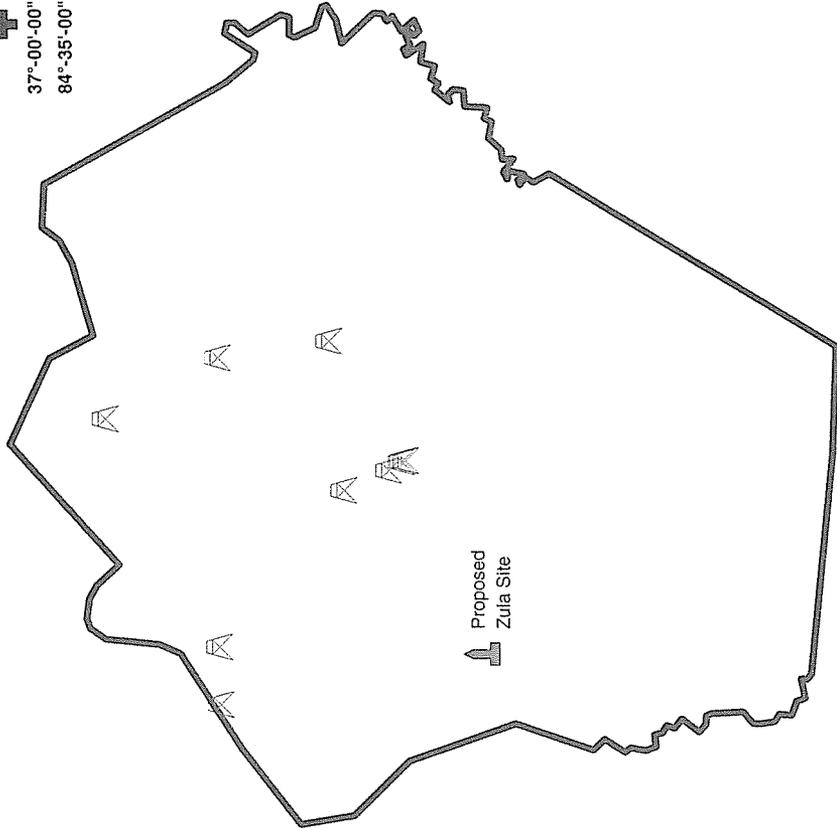


**Information on Towers Registered with the FCC
in Wayne County and 1/2 Mile Area Outside of the County Boundary**

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1004214	36-48-34	84-50-46	Monticello, KY	Cumberland Cellular Partnership
1008398	36-48-36	84-50-49	Monticello, KY	Staples Jr, BDA=WKYM FM
1042205	36-53-48	84-59-32	Parnell, KY	Global Tower, LLC
1043974	36-48-58	84-51-7	Monticello, KY	Monticello Wayne Co. Telecommunications Board
1044810	36-50-40	84-46-27	Parkers, KY	Kentucky Commonwealth DBA= KEWS
1059114	36-50-14.3	84-51-49.8	Monticello, KY	Staples Jr, BDA=WFLW FM
1065830	36-48-29	84-50-46	Monticello, KY	Monticello Wayne Co. Media Inc. DBA= WMKZ FM
1200492	36-53-50	84-57-27	Monticello, KY	Cumberland Cellular Partnership
1203422	36-57-6.3	84-49-13.8	Monticello, KY	Global Tower, LLC
1238700	36-53-52.1	84-47-2.5	Monticello, KY	Diamond Towers, LLC.

37°-00'-00" N
84°-35'-00" W

36°-35'-00" N
85°-00'-00" W



Wayne County Boundary

Constructed Towers Registered with the FCC

Proposed Tower Location

Tick Marks

Prepared By: LINGS Engineering 10/24/2006

