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MAR 09 2007

PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF BLUEGRASS WIRELESS LLC
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC
CONVENIENCE AND NECESSITY TO CONSTRUCT
A CELL SITE (SILER) IN RURAL SERVICE AREA #11
(KNOX) OF THE COMMONWEALTH OF
KENTUCKY

7007-
CASE NO.-2005-00042

APPLICATION FOR A CERTIFICATE
OF PUBLIC CONVENIENCE AND NECESSITY (SILER)

Bluegrass Wireless LLC ("Bluegrass Wireless"), 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 Siler cell site in and for rural service area ("RSA") #11 of the Commonwealth of Kentucky, namely the counties of Bell, Clay, Harlan, Knox, Leslie and Whitley, Kentucky.

1. As required by 807 KAR 5:001 Sections 8(1) and (3), and 807 KAR 5:063, Bluegrass Wireless states that it is a Kentucky limited liability company whose full name and post office address are: Bluegrass Wireless LLC, 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), 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 proximity of the proposed site to flood hazard areas is attached as Exhibit "B".

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 attached as Exhibit "C".

5. Pursuant to 807 KAR 5:063 §1(1)(f), a copy of the lease (or sale agreement) for the property on which the tower is proposed to be located is attached as Exhibit "D".

6. Pursuant to 807 KAR §1(1)(g), experienced personnel will manage and operate the Siler cell site. The President of Bluegrass Cellular Inc., Mr. Ron Smith, is ultimately responsible for all construction and operations of the cellular system of Bluegrass Wireless, of which system the Siler cell site will be a part. Bluegrass Cellular Inc. provides management services to Bluegrass Wireless 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 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 attached as 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 attached as 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 attached as 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 attached as Exhibit "E".

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

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

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

15. Pursuant to 807 KAR 5:063 § 1 (1)(n), applicant's legal counsel hereby affirms that the office of the Knox 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 office of the Knox County Judge Executive is attached as 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 "*Bluegrass Wireless LLC 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 "*Bluegrass Wireless LLC proposes to construct a telecommunications tower near this site,*" including the addresses and telephone numbers of the applicant and the Kentucky Public Service Commission, has been posted on the public road nearest the site.

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

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

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

21. Pursuant to 807 KAR 5:063 §1(1)(s), Bluegrass Wireless 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. Bluegrass Wireless 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 attached Exhibit "J".

23. Pursuant to KAR 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 attached as Exhibit "K".

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

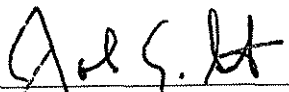
25. Correspondence and communication with regard to this application should be addressed to:

John E. Selent
Jane W. Prizant
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 585-2207 (facsimile)
john.selent@dinslaw.com
jane.prizant@dinslaw.com

WHEREFORE, Bluegrass Wireless requests the Commission to enter an order:

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

Respectfully submitted,



John E. Selent
Jane W. Prizant
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 585-2207 (facsimile)
john.selent@dinslaw.com
jane.prizant@dinslaw.com

LUKAS, NACE, GUTIERREZ & SACHS

CHARTERED

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

WWW.FCCLAW.COM

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

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

*NOT ADMITTED IN VA

January 26, 2007

Telephone

(703) 584-8668

Via Federal Express

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

Dear Mr. Houlihan:

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

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

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

Sincerely,


Leila Rezanavaz
Consulting Engineer

Enclosures

CC: Doug Updegraff

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

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

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

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

9. Latitude: 36 ° 56 ' 24 " 5 "

10. Longitude: 84 ° 3 ' 8 " 3 "

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

12. Nearest Kentucky City Corbin County Knox

13. Nearest Kentucky public use or Military airport:
London-Corbin Airport- Magee Field

14. Distance from #13 to Structure: 10.2 Miles

15. Direction from #13 to Structure: South

16. Site Elevation (AMSL): 1135 Feet

17. Total Structure Height (AGL): 255 Feet

18. Overall Height (#16 + #17) (AMSL): 1380 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:
155 Barbourville Road
Corbin, KY 40701

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

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

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

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

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

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

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

8. FAA Aeronautical Study Number 2007-ASO-384-OE

21. Description of Proposal:

Structure: A tower with top-mounted antennas for overall Height of 255' AGL.
Max. ERP: 250 Watts
Frequencies: PCS Block C

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration? [] No [X] Yes, When 1/26/07

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

Leila Rezanavaz/ Consulting Engineer Leila Rezanavaz 1/26/07
Printed Name Signature Date

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

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

[] Approved [] Disapproved Date

Tim Thompson
Professional Engineer · Land Surveyor

BLUEGRASS CELLULAR

Site Site

1-A CERTIFICATION

January 25, 2007

Owner: Edwin R. Moore, Timothy Nelson Moore and Margaret June Goodin

Address: 155 Barbourville Road
Corbin, KY 40701

USGS Quad: Corbin, KY

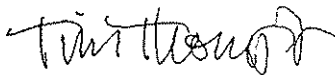
To the best of my knowledge and belief, I certify that the following information is correct to within +/- 20 feet horizontally and +/- 3 feet vertically:

Latitude	36°	56'	24.5"
Longitude	84°	03'	08.3"
Ground Elevation	1135		

The horizontal datum is based on NAD 83

The vertical datum is based on NAVD 88.

Sincerely,



Tim Thompson, LS 1304



232 Henton Ct.
Versailles, KY 40383

T: (859) 873-5252
F: (859) 873-5252
M: (859) 221-5252
E: TIMT2S@aol.com

Notice of Proposed Construction or Alteration (7460-1)

Project Name: BLUEG-000058423-07

Sponsor: Bluegrass Wireless, LLC.

Details for Case : Siler

Show Project Summary

Case Status

ASN: 2007-ASO-384-OE

Date Accepted: 01/26/2007

Status: Accepted

Date Determined:

Letters: None

Construction / Alteration Information

Notice Of: Construction

Structure Summary

Duration: Permanent

Structure Name: Siler

If Temporary: Months: Days:

Structure Type: Antenna Tower

Other:

Work Schedule - Start: 03/20/2007

FCC Number:

Work Schedule - End: 03/25/2007

Prior ASN:

State Filing: Filed with State

Structure Details

Common Frequency Bands

Latitude: 36° 56' 24.5" N

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W

Longitude: 84° 3' 8.3" W

Horizontal Datum: NAD83

Specific Frequencies

Site Elevation (SE): 1135 (nearest foot)

Structure Height (AGL): 255 (nearest foot)

Marking/Lighting: Dual-red and medium intensity

Other:

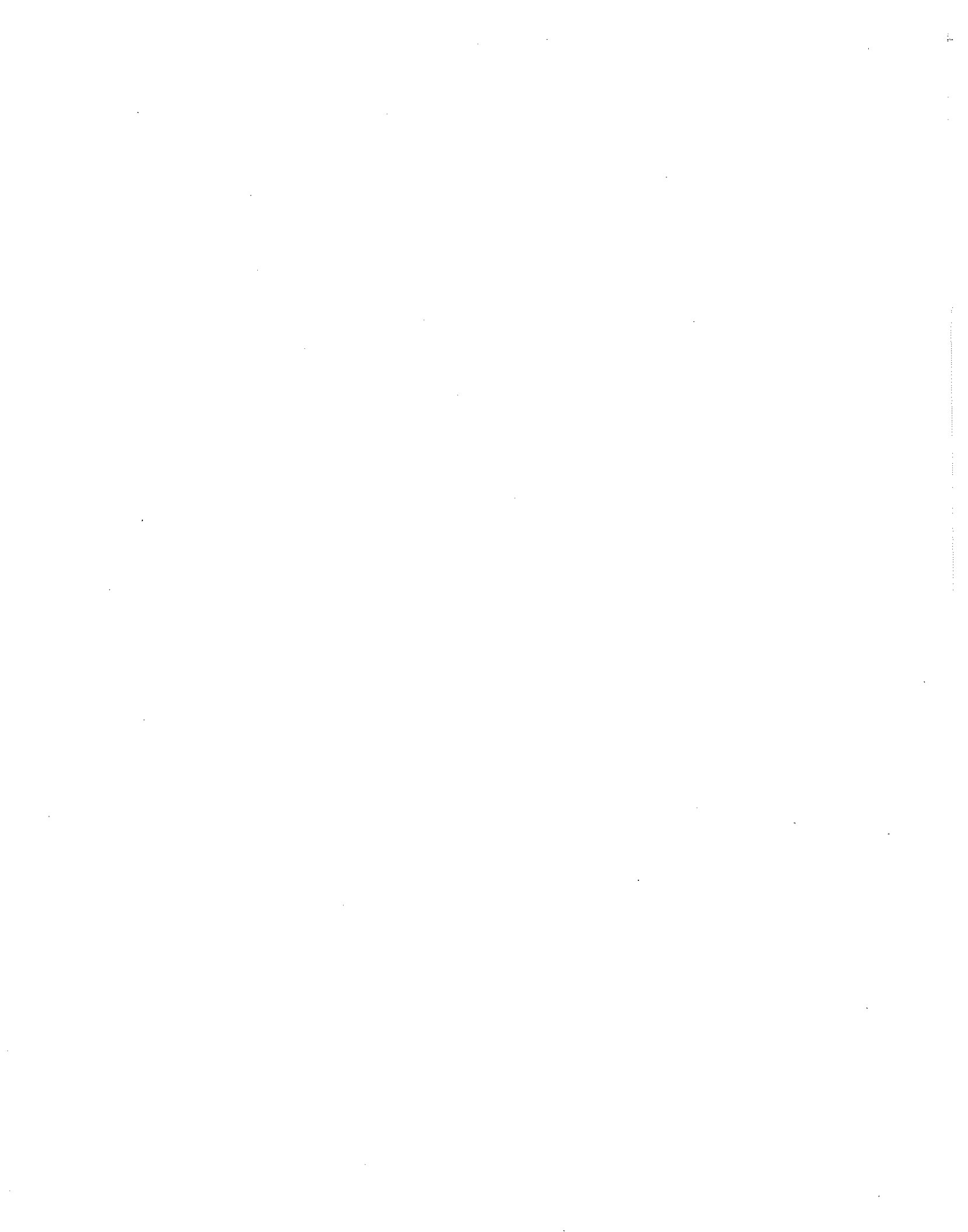
Nearest City: Corbin

Nearest State: Kentucky

Traverseway: No Traverseway

Description of Location: Site is located at:
155 Barbourville Road
Corbin, KY 40701

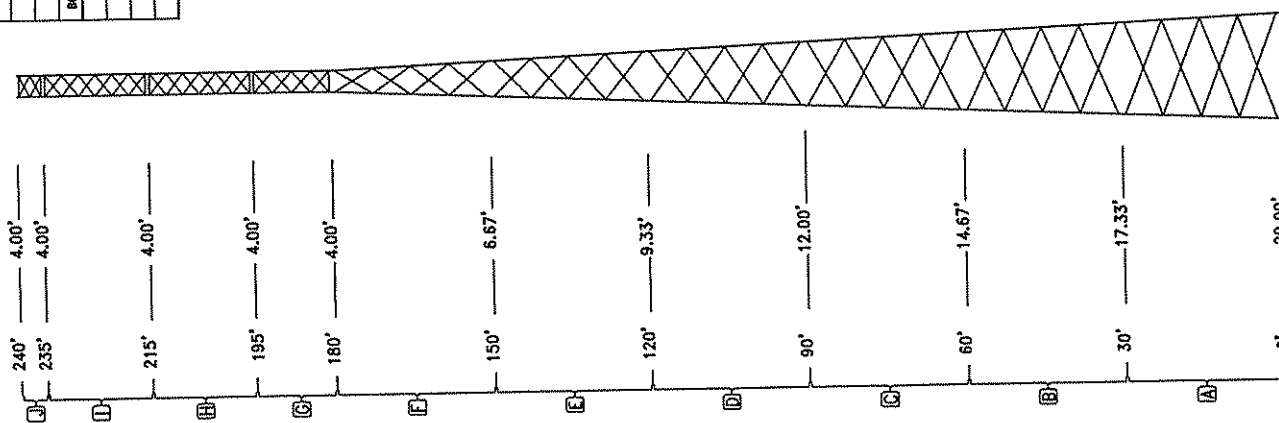
Description of Proposal: Proposed tower with top-mounted antennas for an overall height of 255'.



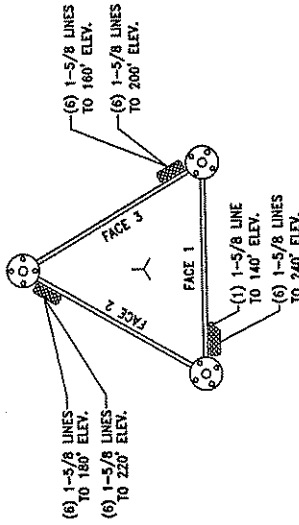
MEMBER CHART

SECTION	ELEVATION	FACE SIZE	LEGS	GIRTS		SECTION WEIGHT (lbs.)
				DIAGONALS	HORIZONTALS	
A	0' - 30'	20.00' - 17.33'	4-1/4	L 3-1/2 x 3-1/2 x 1/4	N/A	7800
B	30' - 60'	17.33' - 14.67'	4	L 3 x 3 x 1/4	N/A	6500
C	60' - 90'	14.67' - 12.00'	3-3/4	L 2-1/2 x 2-1/2 x 1/4	N/A	5350
D	90' - 120'	12.00' - 9.33'	3-3/4	L 2-1/2 x 2-1/2 x 3/16	N/A	4825
E	120' - 150'	9.33' - 6.67'	3-1/2	L 2 x 2 x 3/16	N/A	4050
F	150' - 180'	6.67' - 4.00'	3-1/4	L 2 x 2 x 3/16	N/A	3525
G	180' - 195'	4.00'	2-1/4	7/8 S.R.	7/8 S.R.	1850
H	195' - 215'	4.00'	2	3/4 S.R.	7/8 S.R.	1450
I	215' - 235'	4.00'	1-3/4	3/4 S.R.	3/4 S.R.	1225
J	235' - 240'	4.00'	1-3/4	3/4 S.R.	3/4 S.R.	1225

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	A572MS GRADE 50	58
INNER MEM.	A-36	36
FLANGE PL.	A-572 GRADE 50	50
LEG PAD PL.	A-36	36



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

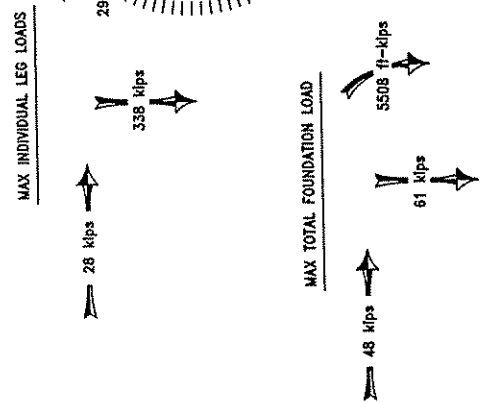
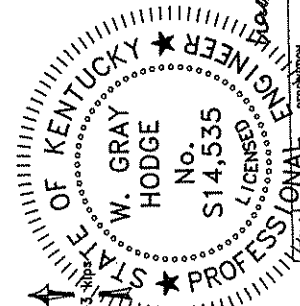


ANTENNA INFORMATION

ANTENNA	ELEVATION	LINE
(6) 59210	240'	1-5/8
(6) 59210	220'	1-5/8
(6) 59210	200'	1-5/8
(6) 59210	180'	1-5/8
(6) 59210	160'	1-5/8
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 - G ARE 4-BAY X-BRACED. SECTIONS H & I ARE 6-BAY X-BRACED. SECTION J IS 2-BAY X-BRACED.
- (6) 1-1/4" x 84" ASTM A449 ANCHOR BOLTS REQUIRED PER LEG.



Tower Innovations
 Elevation View & Member Information
 SILER, CORBIN, KY.

DATE: 10-19-06
 DRAWN: []
 CHECK: []
 APPROVAL: []

REV NO. 4629-3-T1 (19340r1)

DO NOT SCALE DRAWING

PAD

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#9 GRADE 60	35'	144	5040'

PIER (verts) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#9 GRADE 60	7'-10"	48	376'

PIER (ties) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#4 GRADE 60	42" ϕ	30	330'

APPROXIMATE CONCRETE REQ'D = 91 yd³

REBAR SPlicing CHART

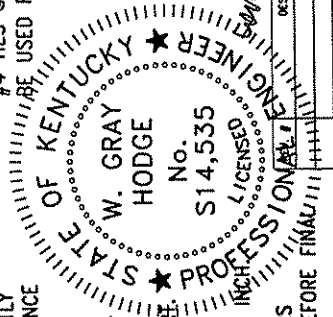
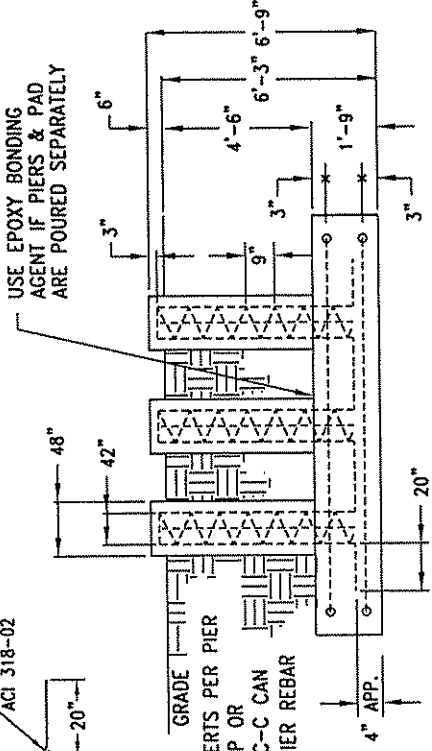
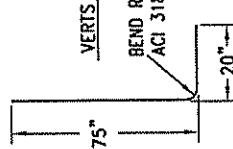
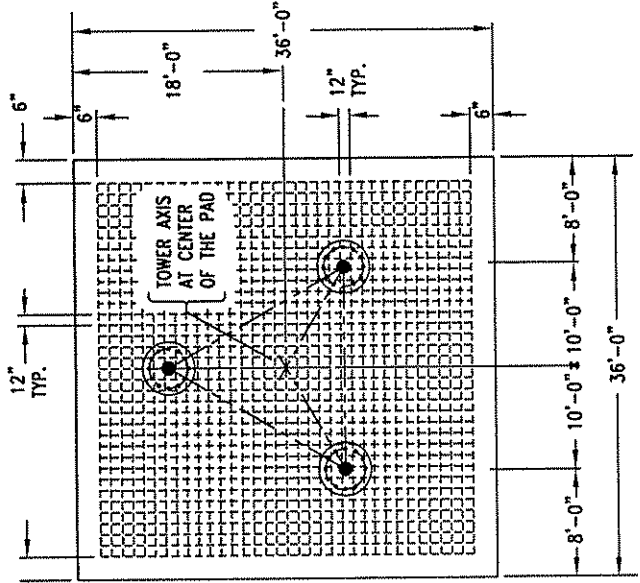
BAR SIZE	SPlice LENGTH
3	16"
4	22"
5	27"
6	33"
7	48"
8	55"
9	62"
10	68"
11	75"

SPlicing NOTES:

- 1) STAGGER ALL SPlices.
- 2) SPlice CHART IS BASED ON 3000 PSI CONCRETE.
- 3) SPlice REBAR ONLY WHEN NECESSARY.

NOTES:

- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND ACI318.
- 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-02 AND ANSI/EIA-222-F STANDARDS UTILIZING THE SOILS REPORT PREPARED BY TERRACON, PROJECT # 570674006. 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) CROWN TOP OF PIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- 8) DESIGNED USING 77% OF G-CODE TOWER REACTION, BUT USING F-CODE PARAMETERS DUE TO LACK OF COMPLETE G-CODE FOUNDATION DESIGN CRITERIA. MUST VERIFY BEFORE IMPLEMENTATION.



PH# (812) 853-0595
 FAX# (812) 853-6652
 2655 HIGHWAY 261
 NEWBURGH, IN. 47630

Tower Innovations

DATE 10-19-06
 T.P.H. CHECKER
 APPROVAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS SHALL BE IN INCHES

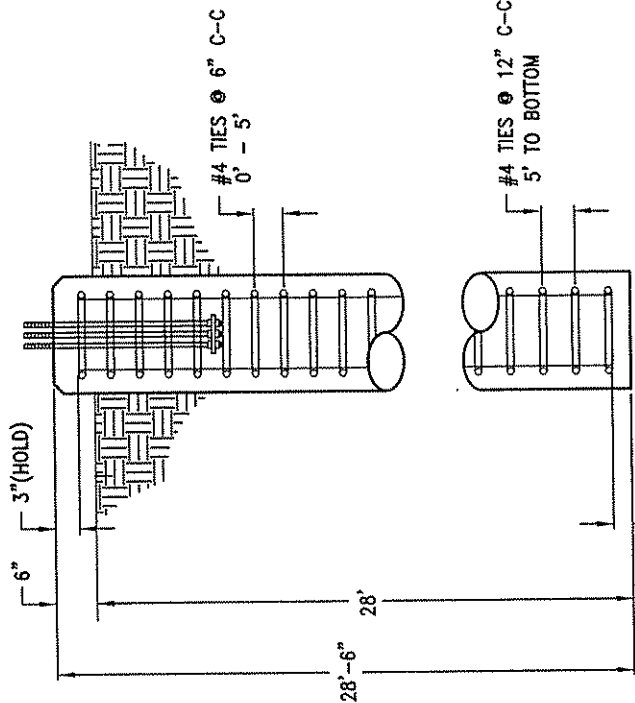
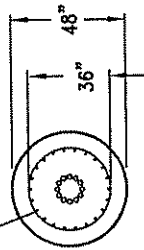
SCALE: 1/8" = 1'-0"

PROJECT: SILER, CORBIN, KY.
 4629-2-F1 (19340r1)

DO NOT SCALE DRAWING

REV	DESCRIPTION
-	BASE FOUNDATION DESIGN (OPTION 1)

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

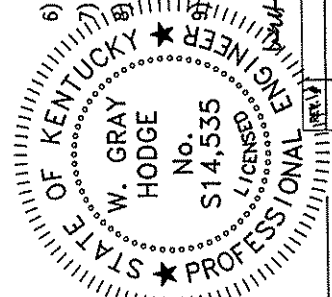


REBAR SPlicing CHART

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

SPlicing NOTES:

- 1) STAGGER ALL SPlices.
- 2) SPlice 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	28'	N/A	18	504'
TIES	#4 GRADE 60	N/A	36" ϕ	33	312'

REBAR CHART (3)-CAISSONS

REBAR	REBAR SIZE	REBAR LENGTHS	REBAR DIA.	PCS. OF REBAR	TOTAL FT.
VERTS	#9 GRADE 60	28'	N/A	54	1512'
TIES	#4 GRADE 60	N/A	36" ϕ	99	936'

APPROXIMATE CONCRETE REQ'D PER CAISSON = 14 YD³
TOTAL CONCRETE = 42 YD³

NOTES:

- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND ACI318.
- 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-02 AND ANSI/TIA-222-F STANDARDS UTILIZING THE SOILS REPORT PREPARED BY TERRACON, PROJECT # 57067400G. 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) CROWN TOP OF PIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- 8) DESIGNED USING 77% OF G-CODE TOWER REACTION, BUT USING F-CODE PARAMETERS DUE TO LACK OF COMPLETE G-CODE FOUNDATION DESIGN CRITERIA. MUST VERIFY BEFORE FINAL IMPLEMENTATION.
- 9) WEATHERED SHALE MAY BE ENCOUNTERED.

PH# (812) 853-0585
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

Tower Innovations

TITLE: CAISSON FOUNDATION DESIGN (OPTION 2)
SILER, CORBIN, KY.
DWG NO. 4629-2-F2 (19340r1)
REV

DATE	ISSUED FOR	DATE	DATE
10-19-06	ISSUED FOR PERMITS		
	ISSUED FOR PERMITS		
	ISSUED FOR PERMITS		

APPROVAL: [Signature]

TOLERANCES: ± 1/8" ANGLES ± 2°
HOLE 3/32" HOLE 1/16" HOLE 1/16"
HOLE 1/16" HOLE 1/16" HOLE 1/16"

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

GEOTECHNICAL ENGINEERING REPORT

**SILER TELECOMMUNICATION TOWER
OLD BARBOURVILLE ROAD
CORBIN, KENTUCKY**

**TERRACON PROJECT NO. 57067400G
September 29, 2006**

Prepared For:

**BLUEGRASS CELLULAR
Elizabethtown, Kentucky**

Prepared by:

Terracon

Louisville, Kentucky

Terracon

September 29, 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
Siler Telecommunication Tower
Old Barbourville Road
Corbin, Kentucky
Terracon Project No. 57067400G**

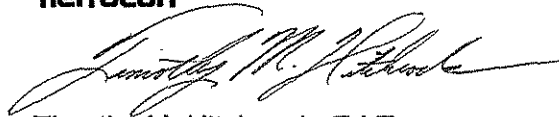
Dear Mr. Updegraff:

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.

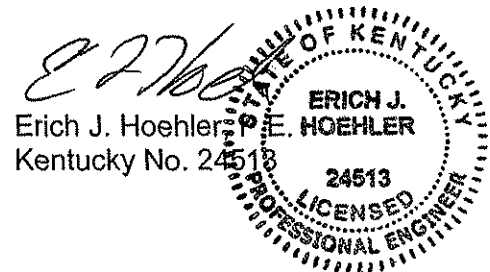
Sincerely,
Terracon



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



Timothy G. LaGrow, P.E.
Regional Manager



Attachments: Geotechnical Engineering Report

Copies: (4) Addressee

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GEOTECHNICAL ENGINEERING REPORT

SILER TELECOMMUNICATION TOWER
OLD BARBOURVILLE ROAD
CORBIN, KENTUCKY
TERRACON PROJECT NO. 57067400G
September 29, 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 30 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 pastureland located on the northeast side of Old Barbourville Road. A farm road currently provides access to the proposed lease area. At the time of the site visit, the property was a grass covered hillside with approximately 10 to 15 feet of elevational relief within the tower compound. The ground surface elevation at the center of tower is reportedly about 1,130 feet. We have assumed that up to 8 feet of cut and/or fill may 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 30 feet below existing grade. The boring was advanced at the center of the tower, staked by the project surveyor. The ground surface elevation at the boring location was obtained from the client's provided drawings. The location and elevation of the boring

should be considered accurate only to the degree implied by the means and methods used to define them.

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

Auger refusal was encountered at a depth of about 20 feet below the existing ground surface. The boring was extended into the refusal materials using a diamond bit attached to the outer barrel of a double core barrel. The inner barrel collected the cored material as the outer barrel was rotated at high speeds to cut the rock. The barrel was retrieved to the surface upon completion of each drill run. Once the core samples were retrieved, they were placed in a box and logged. The rock was later classified by an engineer and the "percent recovery" and rock quality designation (RQD) were determined.

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

Table 1 – Rock Quality Designation (RQD)

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

A field log of the boring was prepared by a subcontract driller. This log included visual classifications of the materials encountered during drilling as well as the driller's interpretation of the subsurface conditions between samples. The final boring log included

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

3.2 Laboratory Testing

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

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

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 3 inches of topsoil, our boring encountered lean clay (CL) to a depth of about 13½ feet below existing grade. Weathered shale fragments were present in the clay below a depth of about 6 feet. The lean clay exhibited a stiff to hard consistency based on SPT N-values ranging from 14 to 31 blows per foot (bpf). Weathered shale was encountered below the lean clay to an auger refusal depth of about 20 feet below existing grade.

Below a depth of about 20 feet, rock coring techniques were used to advance the borehole. The core samples recovered consisted of very slight to slightly weathered, closely jointed,

grayish black to gray and hard shale with interbedded limestone. The bedrock at the site appears to be continuous based on a core recovery of 100 percent. The quality of the rock is rated at fair based on a RQD value of 60 percent. Considering the height of the tower and the quality of the bedrock, coring operations were terminated at a depth of 30 feet below grade.

4.2 Site Geology

A review of the Geologic Map of Corbin Quadrangle published by the United States Geological Survey (USGS) indicates that the site is underlain by the Breathitt Formation of the Quaternary age. This formation consists of shale, siltstone, sandstone, clay, and the Blue Gem Coal Bed. The shale and siltstone are gray to dark gray, weather brown to buff, and are locally carbonaceous near the coal beds. The sandstone is yellowish gray to buff, weathers brown to buff and is fine to medium grained. The clay is gray and weathers light gray to white. The clay is interbedded with shale under the coal beds. The Breathitt Formation ranges from 270 – 320 feet thick and is underlain by the Lee Formation.

The Blue Gem coal bed is approximately 45 – 85 feet below the Jellico coal bed in the south part of the quadrangle and ranges from 20 – 29 inches in thickness.

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 tower foundation design parameters have been developed:

Table 2 - Drilled Pier Foundation Design Parameters

Depth * (feet)	Description **	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Internal Angle of Friction (Degree)	Cohesion (psf)	Lateral Subgrade Modulus (pci)	Strain, & ₅₀ (in/in)
0 - 3	Topsoil and Lean Clay	Ignore	Ignore	Ignore	-	-	Ignore	Ignore
3 - 13½	Lean Clay	450	4,000	1,750	0	1,750	140	0.006
13½ - 20	Weathered Shale	800	8,000	6,000	0	6,000	400	0.004
20 - 30	Shale with Interbedded Limestone	4,000***	40,000	8,000	0	80,000***	3,000	0.00001

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

** A total unit weight of 120 and 140 pcf can be estimated for the lean clay and shale, respectively.

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

The above indicated cohesion, friction angle, lateral subgrade modulus and strain values have no factors of safety, and the allowable skin friction and the passive resistances have factors of safety of 2. The cohesion, internal friction angle, lateral subgrade modulus and strain values given in the above table are based on the boring, published correlation values and Terracon's past experience with similar material 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 drilled piers founded on limestone designed using the above parameters is not anticipated to exceed 1 inch.

The upper 3 feet of topsoil and lean clay should be ignored due to the potential affects of frost action and construction disturbance. To avoid a reduction in uplift and lateral resistance caused by variable bedrock depths and bedrock quality, it is recommended that a minimum pier length and minimum rock socket length be stated on the drawings. Competent rock was encountered in our boring below a depth of about 20 feet, but could vary between tower legs, or if the tower is moved from the location of our 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 installation.

Although the boring was able to penetrate the weathered shale, it is likely that larger diameter drilled pier equipment will refuse on this material 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.

The mat foundation can be designed using the following natural soil/engineered fill parameters. Higher bearing pressures are available if the mat rests entirely on bedrock, however the proposed loading usually does not warrant higher values. These parameters are based on the findings of the boring, a review of published correlation values and Terracon's experience with similar soil conditions. These design parameters also assume that the base of the mat foundation will rest on natural soils or well-graded crushed stone that is compacted and tested on a full time basis.

Table 3 - Mat Foundation Design Parameters

Depth (feet)	Description	Allowable Contact Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Coefficient of Friction, Tan δ	Vertical Modulus of Subgrade Reaction (pci)
0 - 3	Topsoil and Lean Clays	Ignore	Ignore	-	
≥ 3	Lean Clay	3,000	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 on site soils are considered suitable for re-use as fill. However, due to the silty nature of the on-site lean clays stringent moisture control and testing measures will be required to adequately compact the soil. It is recommended that during construction these soils be further tested and evaluated prior to use as fill. Fill should not contain frozen material and it should not be placed on a frozen subgrade.

The fill should be placed and compacted in lifts of 9 inches or less in loose thickness. Fill placed below structures or used to provide lateral resistance should be compacted to at least 98 percent of the material's maximum standard Proctor dry density (ASTM D-698). Fill should be placed, compacted, and maintained at moisture contents within minus 2 to plus 2 percent of the optimum value determined by the standard Proctor test.

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

5.5 Resistivity Analysis

Resistivity of the subsurface soils was measured at the site using a Nilsson Model 400 soil resistivity meter. The Wenner Vertical Profiling Method was used. With this array, potential electrodes are centered on a traverse line between the current electrodes and an equal "A" spacing between electrodes is maintained. Resistivity measurements were taken along 3 traverses located along the perimeter of the staked tower compound. Individual resistivity values at 5, 10, 15, 20, 30 and 40 foot spacings are presented on the soil resistivity test sheet in the Appendix.

6.0 GENERAL COMMENTS

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

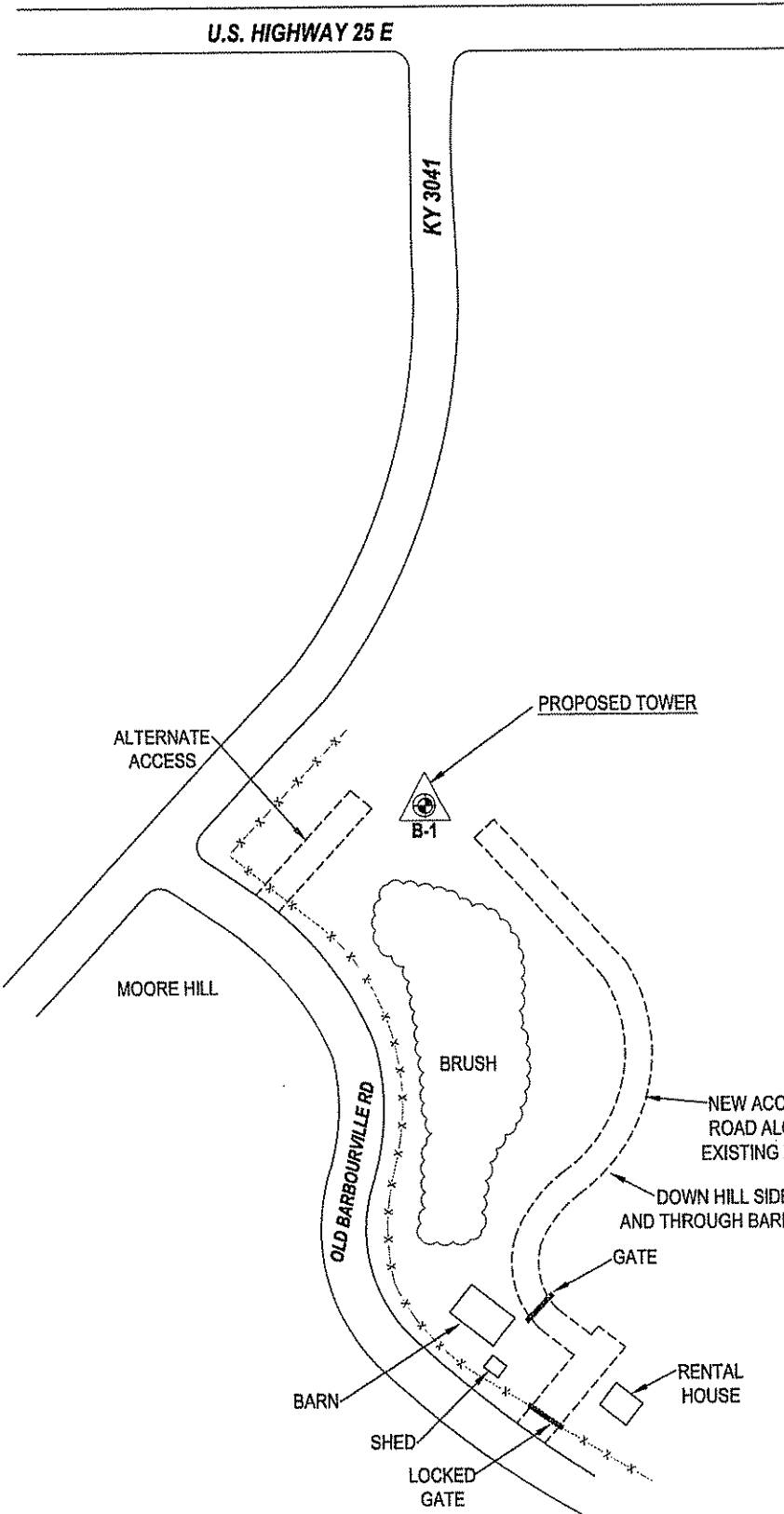
The analysis and recommendations presented in this report are based upon the data obtained from the boring performed at the indicated location and from other information discussed in this report. This report does not reflect variations that may occur across the site, between tower legs or due to the modifying effects of weather. The nature and extent

of such variations may not become evident until during or after construction. If variations appear, we should be immediately notified so that further evaluation and supplemental recommendations can be provided.

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

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

APPENDIX



LEGEND

- x x x FENCE
- ⊕ APPROXIMATE BORING LOCATION

NOT TO SCALE

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

Project Mgr: TMH	Project No. 57067400G		BORING LOCATION DIAGRAM		FIG. No.
Drawn By: RRK	Scale: NOT TO SCALE		GEOTECHNICAL ENGINEERING REPORT		1
Checked By: MRF/TMH	File No. GEO57067400G-1		SILER		
Approved By: EH	Date: SEPTEMBER 2006		KY 3041 AND OLD BARBOURVILLE ROAD CORBIN, KENTUCKY		
		4545 Bishop Lane, Suite 101 Louisville, KY 40218 (407) 843-1311 (407) 843-1317			

LOG OF BORING NO. B-1

CLIENT Bluegrass Cellular Partnership		PROJECT Proposed Siler Telecommunication Tower										
SITE Old Barbourville Road Corbin, Kentucky												
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			ATTERBERG LIMITS	
				NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf		
Approx. Surface Elev.: 1130 ft												
0.2	TOPSOIL LEAN CLAY , light brown, stiff to hard		CL	1	SS	12	14	18			5500*	LL = 38 PL = 29 PI = 9
		5	CL	2	SS	12	31	11			9000*	
	-with weathered shale below 6 feet		CL	3	SS	16	17	20			9000*	
		10	CL	4	SS	16	22	20			9000*	
13.5	WEATHERED SHALE , grayish black, soft			5	SS	17	37	8			9000*	
20	Auger Refusal at 20 feet, Began Coring SHALE with interbedded limestone, very slight to slight weathering, closely jointed, grayish black to gray, hard			6	SS	0	50/1					
		20		7	DB	100%	RQD 60%					
30	Boring Terminated at 30 feet										2800 psi	

BOREHOLE 99 57067400G LOGS.GPJ TERRACON.GDT 9/29/06

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		9-18-06	
BORING COMPLETED		9-18-06	
RIG	CME-550	FOREMAN	MW
APPROVED	TMH	JOB # 57067400G	



Project: Siler Telecommunication Tower
 Project No.: 57067400G
 Performed By: J. Guest-Cougar / J. Case
 Checked By: _____

Soil Resistivity

At-Grade Measurements (equal rod spacing)

Location	Depth of Interest (feet)	Electrode Spacing from Center (feet)		Resistance (ohms)		Resistivity (ohm-cm)
		Inner	Outer	Dial Reading	Range Switch	
A-A'	5	2.5	7.5	2.2	10.0	21065
	10	5	15	9.4	1.0	18001
	15	7.5	22.5	5.2	1.0	14937
	20	10	30	4.2	1.0	16086
	30	15	45	2.7	1.0	15512
	40	20	60	1.6	1.0	12256
A-B'	5	2.5	7.5	2.0	10.0	19150
	10	5	15	10.1	1.0	19342
	15	7.5	22.5	6.4	1.0	18384
	20	10	30	4.2	1.0	16086
	30	15	45	2.4	1.0	13788
	40	20	60	1.6	1.0	12256
A-C'	5	2.5	7.5	3.6	10.0	34470
	10	5	15	2.2	10.0	42130
	15	7.5	22.5	1.1	10.0	31598
	20	10	30	9.4	1.0	36002
	30	15	45	5.2	1.0	29874
	40	20	60	3.0	1.0	22980

Resistivity (ohm-cm) = $2 \cdot \pi \cdot a \cdot R \cdot 30.48$
 R = resistivity (dial reading * range switch)
 a = electrode spacing

Equipment Usage: Nilsson Soil Resistance Meter - Model 400

Additional Notes: _____

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
WC:	Wet Cave in	WD:	While Drilling		
DCI:	Dry Cave in	BCR:	Before Casing Removal		
AB:	After Boring	ACR:	After Casing Removal		

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

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

CONSISTENCY OF FINE-GRAINED SOILS

<u>Unconfined Compressive Strength, Qu, psf</u>	<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Consistency</u>
< 500	<2	Very Soft
500 - 1,000	2-3	Soft
1,001 - 2,000	4-7	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+

Terracon

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.

Terracon

UNIFIED SOIL CLASSIFICATION SYSTEM

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

			Soil Classification				
			Group Symbol	Group Name ^g			
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	Fines classify as ML or MH Fines classify as CL or CH	GP GM GC	Poorly graded gravel ^f Silty gravel ^{f,g,h} Clayey gravel ^{f,g,h}		
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines ^d	$Cu \geq 6$ and $1 \leq Cc \leq 3^E$	SW	Well-graded sand ⁱ		
		Sands with Fines More than 12% fines ^d	Fines classify as ML or MH Fines Classify as CL or CH	SP SM SC	Poorly graded sand ⁱ Silty sand ^{g,h,i} Clayey sand ^{g,h,i}		
		Fine-Grained Soils 50% or more passes the No. 200 sieve	Silt and Clays Liquid limit less than 50	inorganic	$PI > 7$ and plots on or above "A" line ^j $PI < 4$ or plots below "A" line ^j	CL ML	Lean clay ^{k,l,m} Silt ^{k,l,m}
				organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OL	Organic clay ^{k,l,m,n} Organic silt ^{k,l,m,o}
Highly organic soils	Silt and Clays Liquid limit 50 or more	inorganic	PI plots on or above "A" line PI plots below "A" line	CH MH	Fat clay ^{k,l,m} Elastic Silt ^{k,l,m}		
		organic	Liquid limit - oven dried < 0.75 Liquid limit - not dried	OH	Organic clay ^{k,l,m,p} Organic silt ^{k,l,m,q}		
		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

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

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

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

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

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

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

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

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

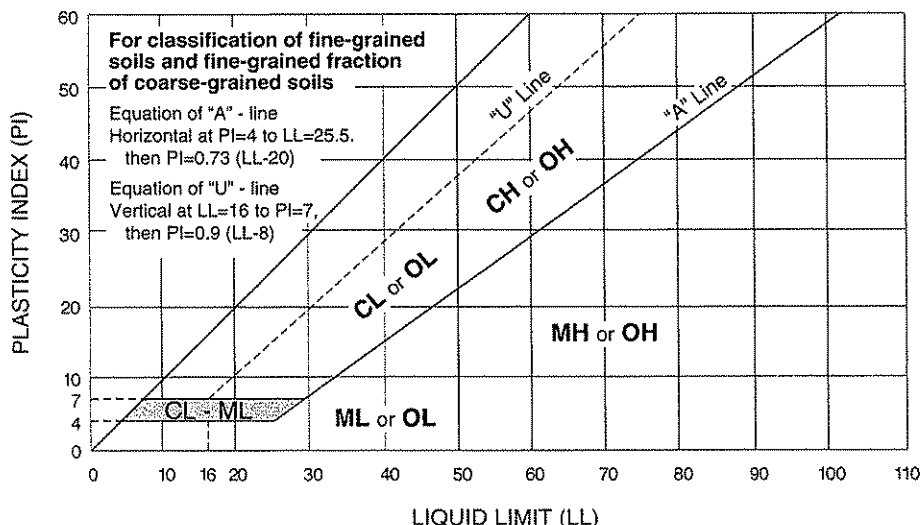
^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.

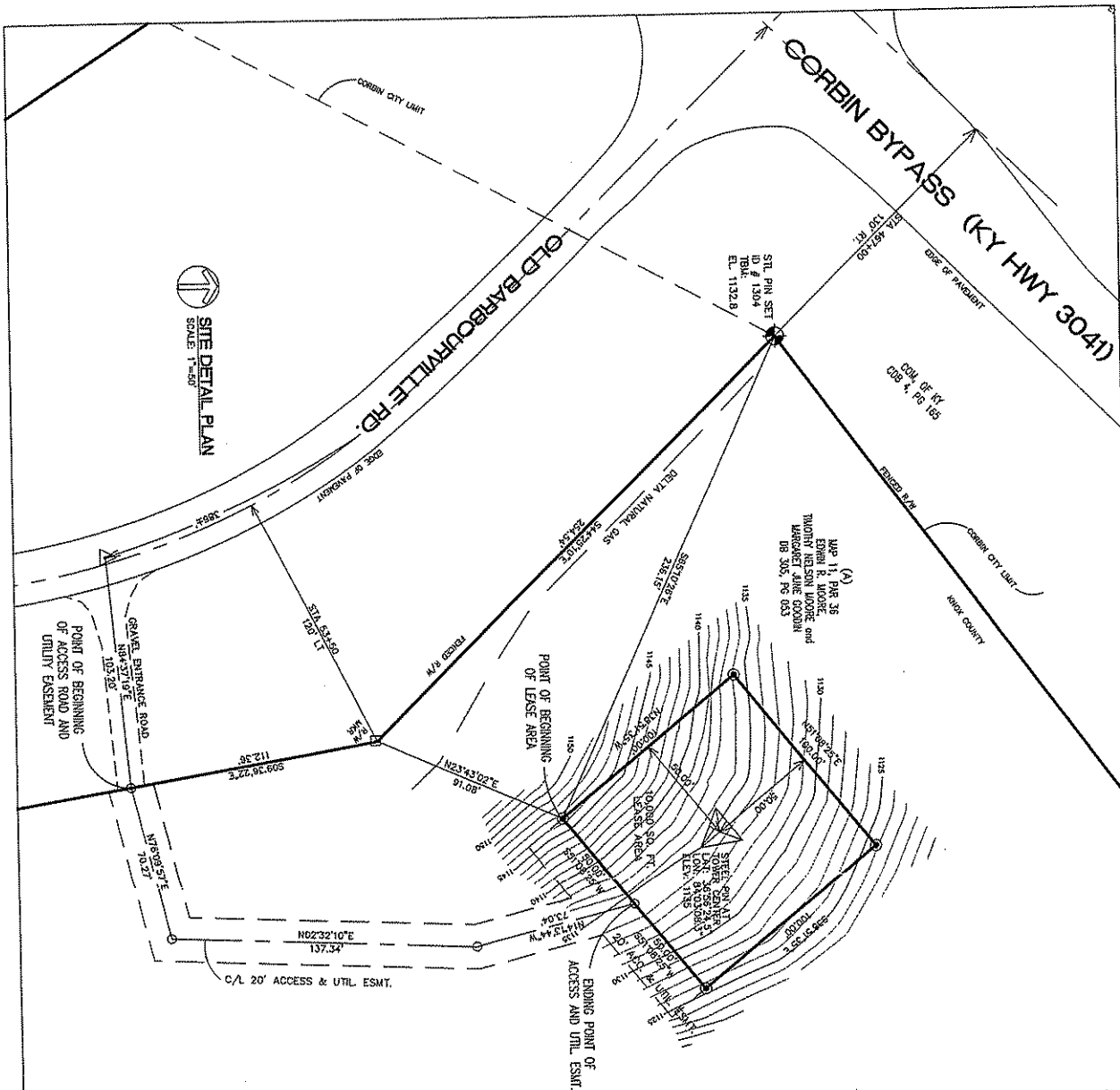
^N $PI \geq 4$ and plots on or above "A" line.

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

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

^Q PI plots below "A" line.





SITE DETAIL PLAN
SCALE 1"=50'

POINT OF BEGINNING OF ACCESS ROAD AND UTILITY EASEMENT

GRAVEL ENTRANCE ROAD

POINT OF BEGINNING OF ACCESS ROAD AND UTILITY EASEMENT

GRAVEL ENTRANCE ROAD

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GRAVEL ENTRANCE ROAD

POINT OF BEGINNING OF ACCESS ROAD AND UTILITY EASEMENT

GRAVEL ENTRANCE ROAD

POINT OF BEGINNING OF ACCESS ROAD AND UTILITY EASEMENT

- LEGEND**
- SET 3/4" BY 18" STEEL REBAR WITH ID CAP # 1304
 - ▲ 1/4" BY 2" MAG NAIL SET WITH ID WASHER # 1304
 - MONUMENT FOUND (STATED)
 - MAG NAIL FOUND
 - R/W MARKER



Tim Thompson
TIM THOMPSON LS #1304
DATE JAN. 26, 2007

SUBVEYOR CERTIFICATE
Based on a Class "A" survey performed by Tim Thompson LS 1304 in September 2007 by a licensed professional surveyor. The tower was not located and located. The basis of bearings is KY South Grid based on GPS data collected on September 26, 2006. Steel pins set are 3/4 inch in diameter by eighteen inches long rebar with ID cap LS 1304. Magnets set are 1/4 inch in diameter by two inches long with ID marker LS 1304.

BUILDING PERMIT REGULATIONS
ACCORDING TO J. H. HILL COUNTY WIDE ORDINANCE 100.010, THERE IS NO BUILDING PERMIT REQUIRED FOR THIS TOWER. THE TOWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS OF THE SUBJECT CELL SITE. THE COUNTY JUDGE EXECUTIVE'S OFFICE MAY BE CONTACTED AT (606) 546-6192 FOR CONTRIBUTION.

- SURVEY NOTES**
1. THE SURVEY DATA SHOWN HEREON IS BASED ON STATE PLANE AND 1983 NORTH KY GRID ZONE. CONVERGENCE TO TRUE NORTH AT THE PROPOSED TOWER CENTER AS SHOWN IS 1'01.47" WEST OF GRID NORTH.
 2. LATITUDE AND LONGITUDE ARE BASED ON NAD 83
 3. ELEVATIONS ARE BASED ON NAD 83
 4. A TITLE SEARCH WAS NOT PERFORMED ON THIS PROPERTY. THIS SURVEY WAS LIMITED TO FEATURES IN THE VICINITY OF THE ACCESS EASEMENT AND LEASE AREA ONLY.
 5. UNDERGROUND UTILITIES MAY EXIST ON THIS SITE WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND HAVE THEM LOCATE ANY UTILITIES THAT THEY MAY HAVE IN THE AREA.
 6. THE PROPOSED LEASE AREA FOR THIS FACILITY DOES NOT LIE WITHIN ANY FLOOD HAZARD AREA, COMMUNITY PANEL #210131 00159
 7. TOWER BASE STAKED FOR 19' LEG SPREAD.

PROPERTY
EDWIN R. MOORE, TIMOTHY NELSON MOORE AND MARGARET JUNE GOODIN
DEED BOOK 305, PAGE 053

ELECTRIC SERVICE
KU
1-800-881-0800

TELEPHONE SERVICE
BELLSOUTH
1-800-255-5273

GRAPHIC SCALE
0 1/2 1 INCH

CELLULAR COMMUNICATION TOWER SITE SURVEY
BLUEGRASS CELLULAR

NAME: SILER NO:

EDWIN R. MOORE, TIMOTHY NELSON MOORE and MARGARET JUNE GOODIN PROPERTY
155 BARBOURVILLE ROAD
CORBIN, KNOX CO. CO., KY 40701

BLUEGRASS CELLULAR

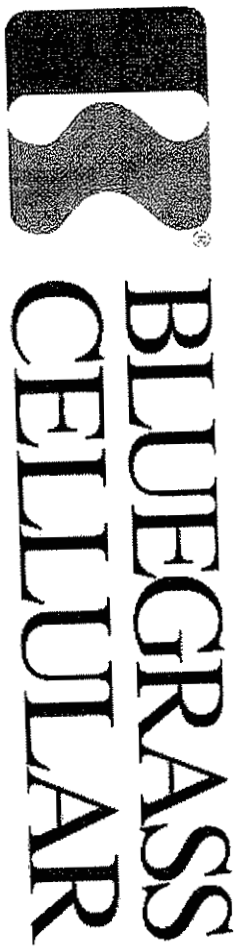
2902 RING ROAD
ELIZABETHTOWN, KY 42701
PHONE: (270) 769-0339
FAX: (270) 737-0580

TIM THOMPSON
Professional Engineer
Land Surveyor **T.S.**

232 Henton Court
Versailles, KY 40383
(859) 873-5252 FAX (859) 873-2525

FILE: SILER.DWG
DATE: REV. JAN. 26, 2007

SHEET 2 OF 2



APPROVAL SIGNATURES

BLUEGRASS CELLULAR
CONSTRUCTION SUPERVISOR: _____
DATE: _____

CITY REPRESENTATIVE: _____
TITLE: _____
DATE: _____

PROPERTY OWNER/OWNERS: _____
DATE: _____

TOWER OWNER/OWNERS: _____
DATE: _____

SITE NAME: SILER

**911 ADDRESS: 155 OLD BARBOURVILLE RD.
CORBIN, KY. 40701**

COUNTY: KNOX

**TOWER LATITUDE & LONGITUDE
N 36° 56' 24.5" W 84° 03' 08.3"**

SHEET NO.	DESCRIPTION	REVISION
TITLE SHEET	TITLE SHEET	
SURVEY	SURVEY PLAN	
A-1	FENCE DETAILS	
A-2	ANTENNA BEAMS 1	ANT. SPEC/TOWER ELEV.
A-3	ANTENNA DETAILS 2	ANTENNA DETAILS 2
E-1	SITE PLAN - ELECTRICAL	ELECTRICAL LAYOUT
E-2	ELECTRICAL WIRING	ELECTRICAL WIRING
E-3	ELEC. PLAN - GROUNDING	GROUNDING DETAILS
F-1	FOUNDATION DETAILS	FOUNDATION DETAILS
G-1	GENERATOR DETAIL	GENERATOR DETAIL
GENERAL NOTES	GENERAL NOTES	

SITE DATA

PROPERTY OWNER: **Edna Moore**

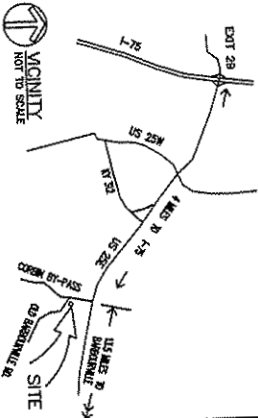
TOWER OWNER: **BLUEGRASS CELLULAR**
(270) 769-0399

POWER COMPANY: **KENTUCKY UTILITIES**
(606) 881-0600

TELEPHONE COMPANY: **BELLSOUTH**
(606) 235-5273

BLUEGRASS CONSTRUCTION SUPERVISOR: **HAROLD WATERS**
(270) 202-7030

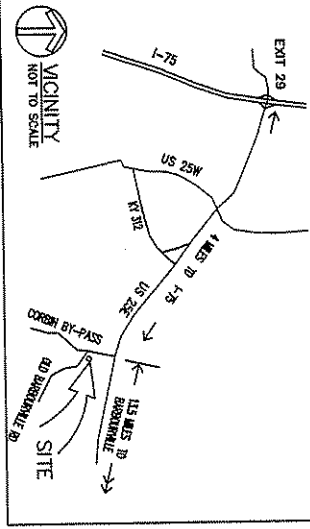
ROBIN BECKER
(606) 231-3058
OFFICE/FAK



VICINITY MAP
NOT TO SCALE

DIRECTIONS TO SITE

From the Knox County courthouse in Barbourville, KY go south on S. Main St. 0.1 miles to KY Hwy 11 (Daniel Boone Dr.). Turn left on KY Hwy 11 and go east 0.4 miles to US Hwy 25 E. Turn left to the Corbin Bypass (KY Hwy 3041), west for 1.5 miles to southwest 0.5 miles to Old Barbourville. Turn left on southwest 0.5 miles to Old Barbourville. Turn left and go southeast 0.07 miles. Turn left and follow access road to tower site in posture.



DRIVE TO DIRECTIONS:

From the Knox County courthouse in Barbourville, KY go south on S. Main St. to KY Hwy 11 (Donal Boone Dr.). Turn left on KY Hwy 11 and go east 0.4 miles to US Hwy 25 E. Turn left on US Hwy 25 E and go north and west for 1.5 miles to the Corbin Bypass (KY Hwy 3041). Turn left and go southwest 0.5 miles to Old Barbourville Road. Turn left and go southwest 0.07 miles. Turn left and follow access road to tower site in pasture.

LEGAL DESCRIPTION:

Those tracts of land lying southeast of Corbin in Knox County, Kentucky, and southeast of I-75 Exit 29 and US Hwy 25E, more particularly, the east half of the Corbin Bypass (KY Hwy 3041), said tracts being a portion of the Estate of Edwin R. Moore, et al, said tracts being more fully described as follows:

ACCESS AND UTILITY EASEMENT:

A twenty foot wide strip of land the centerline of which is described as follows: Beginning of a strip in the east right-of-way of Old Barbourville Road, said point being N 84° 37' 19" E 103.20 feet from a monument set in the center of Old Barbourville Road approximately 386 feet southeast from the center of the Corbin Bypass, thence from said point of beginning and with a line through the Edwin R. Moore, et al property, as three calls, thence:

- (1) N 76° 09' 57" E 137.74 feet to a point, thence
- (2) N 02° 52' 40" W 73.04 feet to the ending point of the twenty foot wide access and utility easement, said point being in the center of the southeast line of the Lease Area; also a strip of land twenty foot wide by 100.00 feet long lying southeast and adjacent to the southeast line of the Lease Area and subject to any and all legal easements or rights-of-way, public or private, whether of record or not.

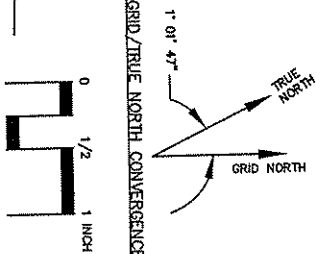
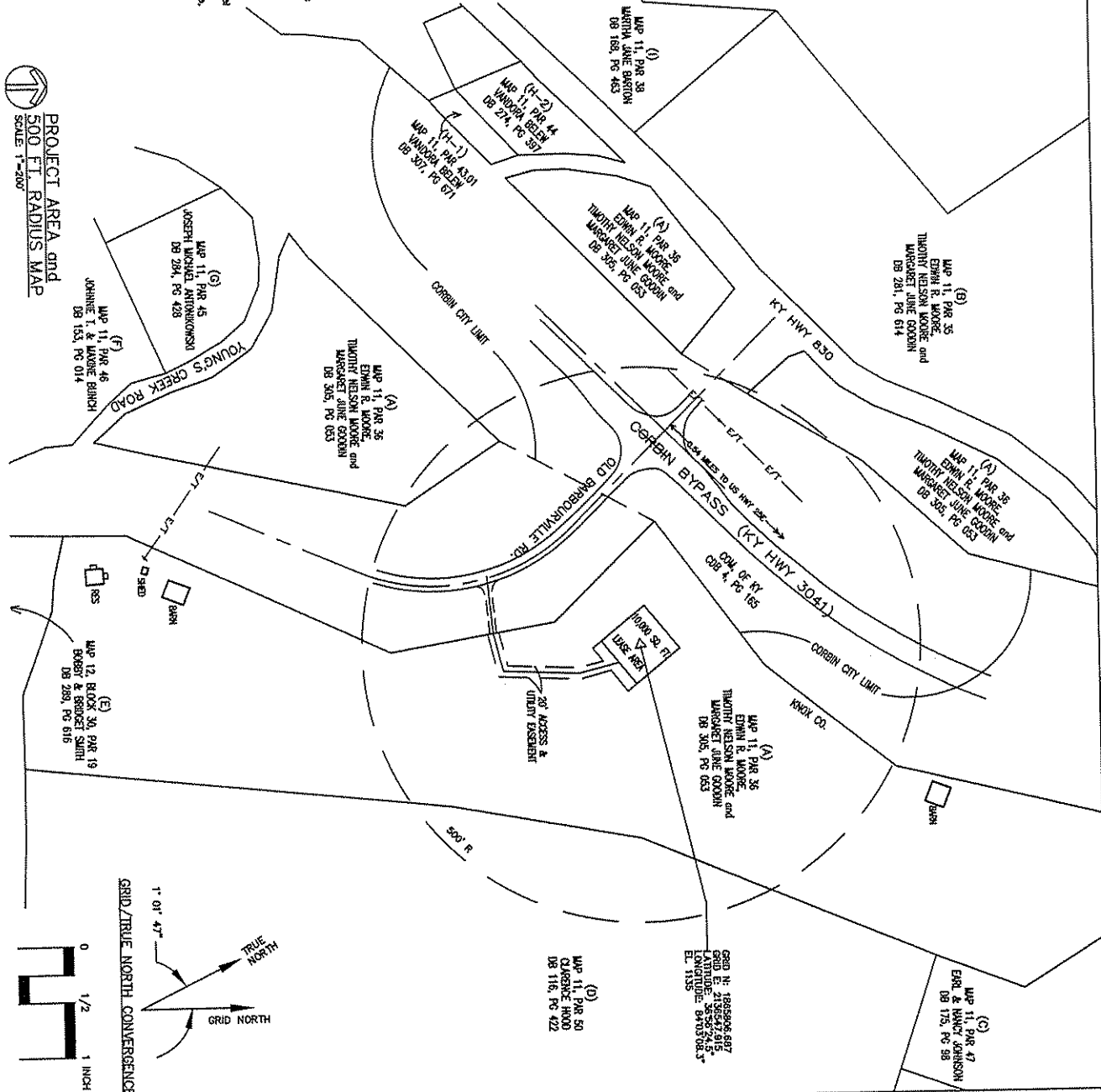
LEASE AREA:

Beginning of a steel pin set in the Edwin R. Moore, et al property, said point being S 51°08'25" W 50.00 feet from the ending point of the Access and Utility Easement and said point being S 65° 10' 26" E 28.515 feet from a steel pin set at 130 feet right of Sta 467+00 of the Corbin Bypass (KY Hwy 3041), thence from said point of beginning and with a line through the Edwin R. Moore, et al property, as three calls, thence:

- (1) N 51°08' 25" E 100.00 feet to a steel pin set, thence
- (2) N 51°08' 25" E 100.00 feet to a steel pin set, thence
- (3) S 38° 57' 25" W 100.00 feet to a steel pin set, thence
- (4) S 51° 08' 25" W 100.00 feet to the point of beginning and containing 10,000 square feet and subject to any and all legal easements or rights-of-way, public or private, whether of record or not.

Based on a Class "A" survey performed by Tim Thompson, LS 1304 in September 2006 by the method of perimeter traverse on a well conditioned field. Stationing in KY South Grid based on GPS data collected on September 26, 2006. Steel pins set are 3/4 inch in diameter by eighteen inches long rebar with ID cap "LS 1304". Magnolia set are 1/4 inch in diameter by two inches long with ID washer "LS 1304".

PROJECT AREA AND
500 FT. RADIUS MAP
SCALE 1"=200'



CELLULAR COMMUNICATION TOWER SITE SURVEY
BLUEGRASS CELLULAR

NAME: SILER NO:

EDWIN R. MOORE, TIMOTHY NELSON MOORE
and MARGARET JUNE GOODIN PROPERTY
155 BARBOURVILLE ROAD
CORBIN, KNOX CO. CO., KY 40701

BLUEGRASS CELLULAR

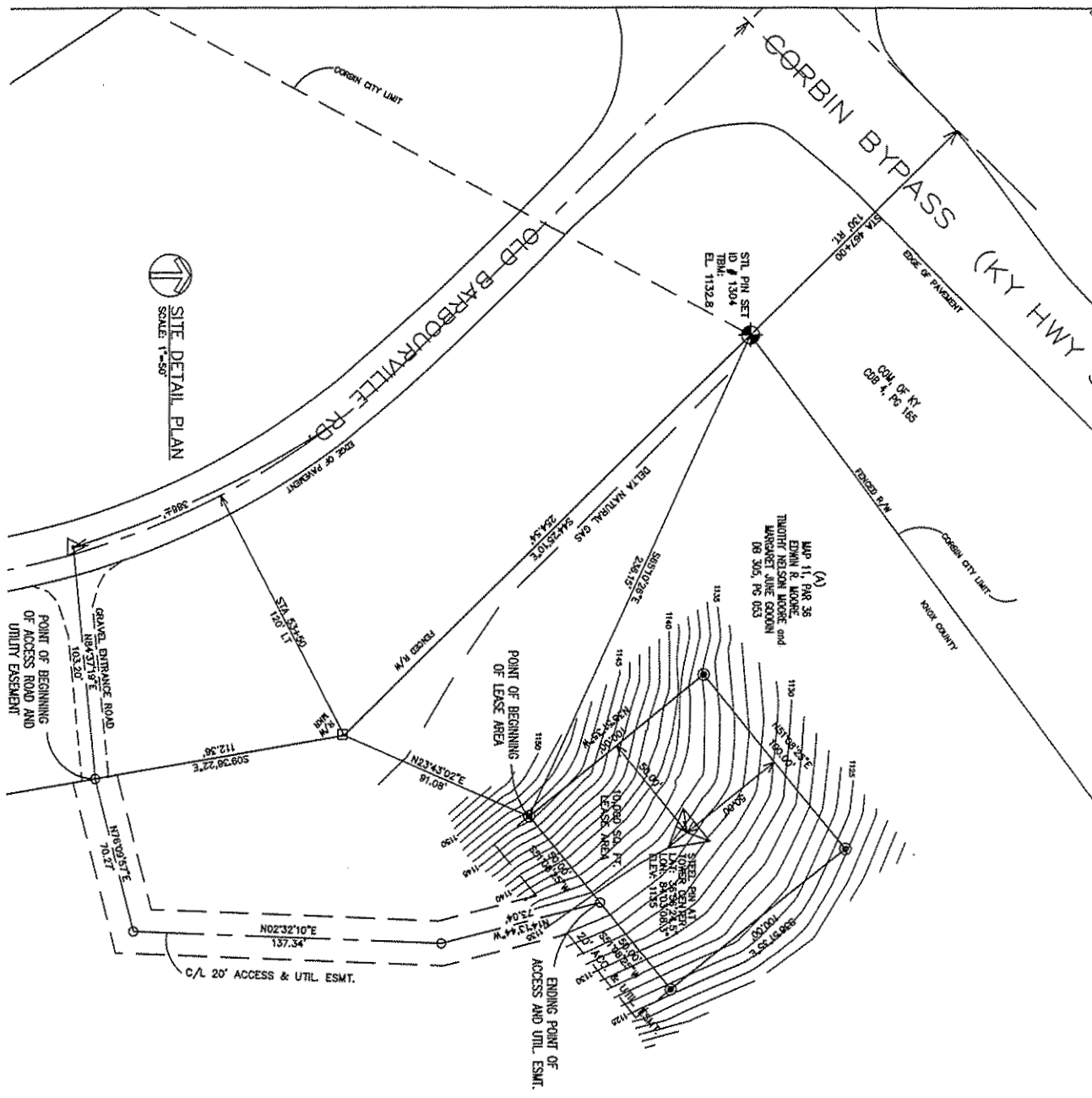
2902 RING ROAD
ELIZABETHTOWN, KY 42701
PHONE: (270) 769-0339
FAX: (270) 737-0580

TIM THOMPSON
Professional Engineer
Land Surveyor **T&S'**

232 Henton Court
Versailles, KY 40383
(859) 873-5252 FAX (859) 873-2525

FILE: SILER.DWG
DATE: REV. JAN. 26, 2007

SHEET 1 OF 2



SITE DETAIL PLAN
SCALE: 1"=50'

SURVEY NOTES

1. THE SURVEY DATA SHOWN HEREON IS BASED ON STATE PLANE AND UTM ZONE 18N (KNOX TOWN) COMMENCEMENT TO TRAIL NORTH AT THE PROPOSED TOWER CENTER AS SHOWN IS 101°47' WEST OF GRID NORTH.
2. LATITUDE AND LONGITUDE ARE BASED ON NAD 83
3. ELEVATIONS ARE BASED ON NAVD 88
4. A TITLE SEARCH WAS NOT PERFORMED ON THIS PROPERTY. THIS SURVEY WAS LIMITED TO FEATURES IN THE VICINITY OF THE ACCESS EASEMENT AND LEASE AREA ONLY.
5. UNDERGROUND UTILITIES LAY EAST ON THIS SITE WHICH ARE NOT SHOWN HEREON. THE PROPOSED TOWER SITE LOCATOR SHALL NOTIFY ALL UTILITY COMPANIES AND HAVE THEM LOCATE ANY UTILITY THAT THEY MAY HAVE IN THE AREA.
6. THE PROPOSED LEASE AREA FOR THIS FACILITY DOES NOT BE WITHIN ANY FIA FLOOD HAZARD AREA. COMMUNITY PANEL #10101H 0005B
7. TOWER BASE STIKED FOR 19' LEG SPREAD.

BUILDING PERMIT REGULATIONS
ACCORDING TO J. M. HALL, COUNTY JUDGE EXECUTIVE OF KNOX COUNTY, NO LOCAL PLANNING UNIT EXISTS, WHICH HAS GEOGRAPHICAL JURISDICTION OF THE SUBJECT CELL SITE. THE COUNTY JUDGE EXECUTIVE'S OFFICE MAY BE CONTACTED AT (606) 546-6182 FOR CONSTRUCTION.

SURVEYOR CERTIFICATE

Based on a Class "A" survey performed by Tim Thompson, LS 1304 in September 2006 by the method of random traverse with an unadjusted field closure of 1 in 39,306. The traverse was not closed on any side. The monument found in this survey is a 3/4" inch diameter steel pin set with ID cap "LS 1304". Monument set on 1/4" inch in diameter by two inches long with ID number "LS 1304".

TIM THOMPSON LS #1304

DATE

PROPERTY

EDWIN R. MOORE
TIMOTHY NELSON MOORE AND
MARGARET JUNE GOODIN
DEED BOOK 305, PAGE 003

ELECTRIC SERVICE

NU
1-800-981-0600

TELEPHONE SERVICE

BELLSOUTH
1-800-235-5273



LEGEND

- SET 3/4" BY 18" STEEL REBAR WITH ID CAP # 1304
- ▲ 1/4" BY 2" MAG NAIL SET WITH ID WASHER # 1304
- MONUMENT FOUND (STATED)
- ▲ MAG NAIL FOUND
- R/W MARKER

CELLULAR COMMUNICATION TOWER SITE SURVEY
BLUEGRASS CELLULAR

NAME: SILER NO:

EDWIN R. MOORE, TIMOTHY NELSON MOORE
and MARGARET JUNE GOODIN PROPERTY
155 BARBOURVILLE ROAD
CORBIN, KNOX CO. CO., KY 40701

BLUEGRASS CELLULAR

2902 RING ROAD
ELIZABETHTOWN, KY 42701
PHONE: (270) 769-0339
FAX: (270) 737-0580

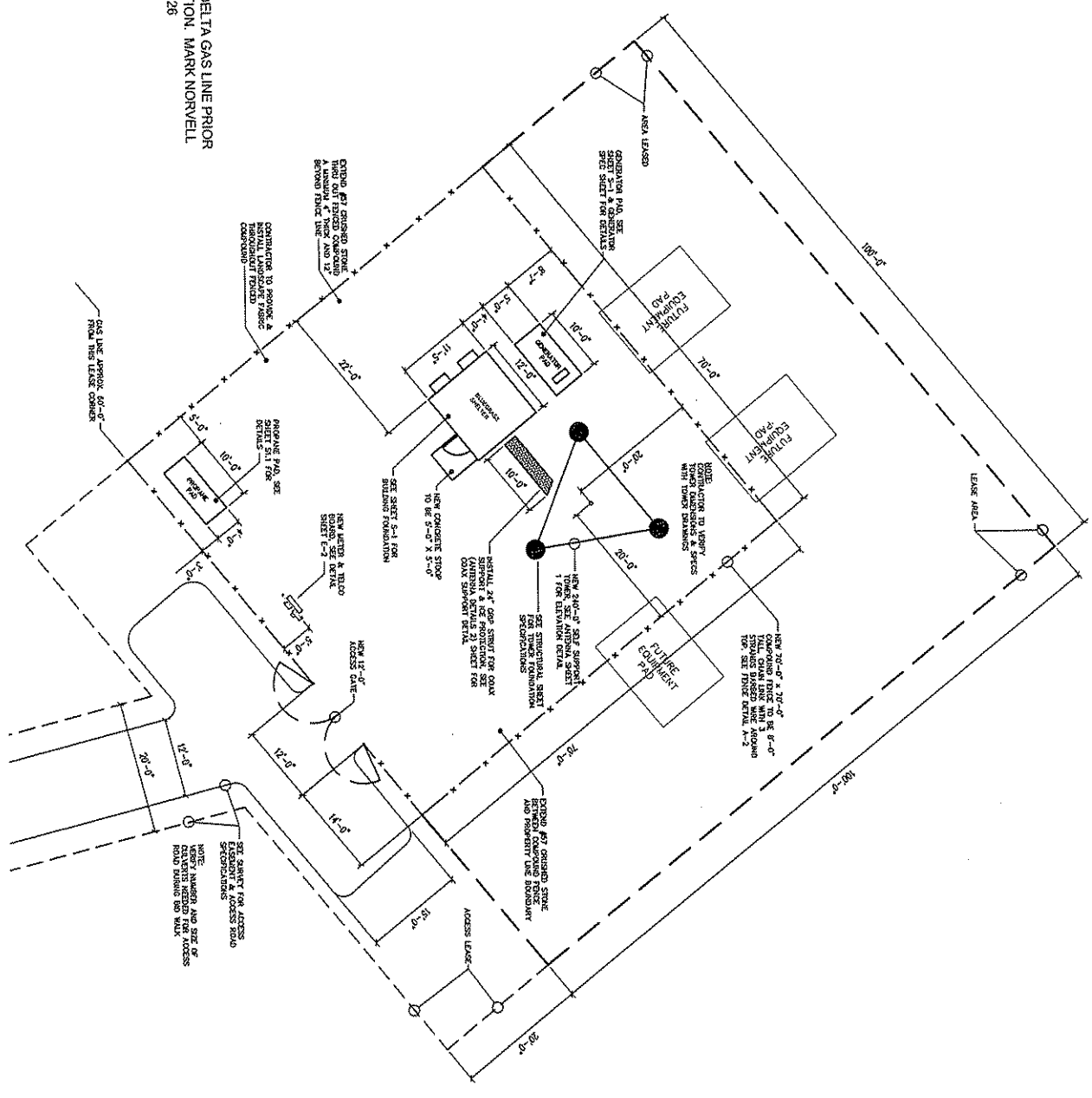
TIM THOMPSON
Professional Engineer
Land Surveyor **T.S.**

232 Henton Court
Versailles, KY 40383
(859) 873-6252 FAX (859) 873-2525

FILE: SILER.DWG SHEET 2 OF 2
DATE: REV. JAN. 26, 2007

DELTA MANUFACTURING

NOTE:
FIELD LOCATE THE DELTA GAS LINE PRIOR
TO ANY CONSTRUCTION. MARK NORVELL
(606) 526-8020 EXT: 226

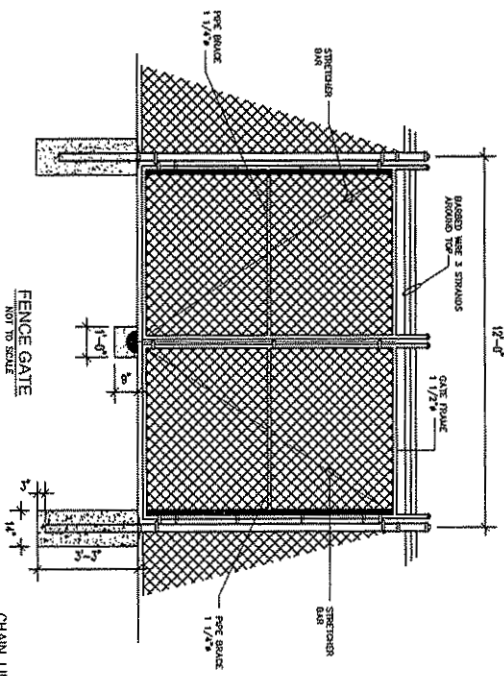


SITE PLAN
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
- 1) EQUIPMENT PICK-UP AND DELIVERY TO SITE FROM BLUEGRASS CELLULAR STAGING FACILITY TO BE CONTRACTOR'S RESPONSIBILITY, INCLUDING CRANE SET, AND ALL COST INCURRED.
 - 2) FOR BUILDING AND ALL CONCRETE PAD DETAILS REFER TO STRUCTURALS AND SHEET S-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 RINOFF 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.
 - 11) VERIFY NUMBER AND SIZES OF VALVES REQUIRED DURING CONTRACTOR BID WALK

DRAWN BY: R. BECKER	ISSUE DATE: 9-10-06	SCALE: LISTED	SHEET NUMBER A-1	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER 155 Old Barbourville Rd. Corbin, KY, 40701	NO.	DATE	REVISION

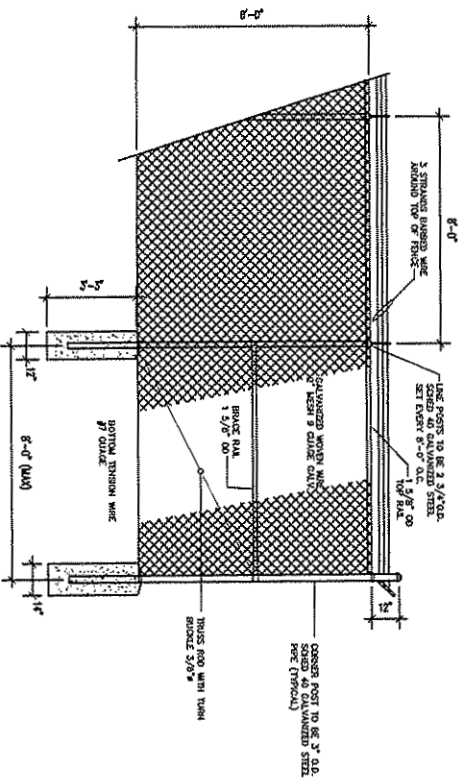
8403 MERCURY DRIVE LOUISVILLE, KY. 40261
(502) 598-8427 F#120225-0000000000



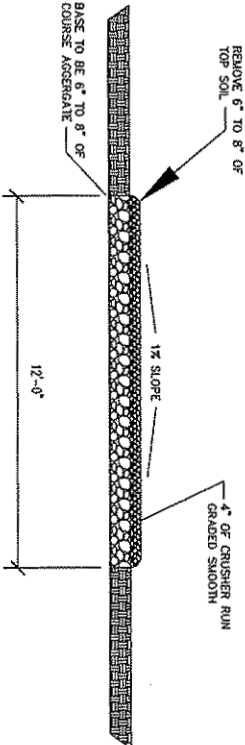
FENCE GATE
NOT TO SCALE

CHAIN LINK FENCING NOTES:

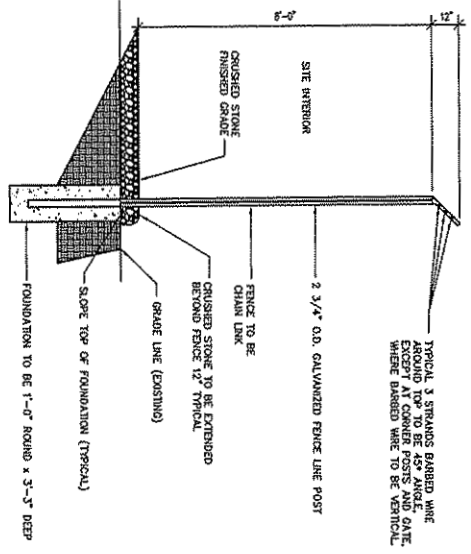
1. FABRIC: THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL HOT DIP GALVANIZED WIRE FRICKETS HELICALLY WOUND AND INTERLOCKED FROM 10.9 W & M GAUGE COPPER BEARING STEEL WIRE TO FORM A CONTINUOUS CHAIN LINK FABRIC HAVING A 2" MESH. TOP EDGES SHALL HAVE A TWISTED AND BARBED.
2. POSTS: SHALL BE 2 3/4" O.D. SS 40 PIPE HOT GALVANIZED. THESE POSTS SHALL BE SET IN CONCRETE FOUNDATION, CROWNED AT TOP TO SHED WATER.
3. TOP RAIL: SHALL BE 1 3/8" O.C. STANDARD PIPE HOT GALVANIZED AND SHALL BE FURNISHED IN RANDOM LENGTHS RANGING NOT LESS THAN 20'.
4. FABRIC TIES: FOR ATTACHING FABRIC TO LINE POST, TOP RAIL OR TOP WIRE, SHALL BE ALUMINUM STRIP OR WIRE OF APPROVED GAUGE AND DESIGN, USED ON TOP OF RAIL EVERY 24" AND ONE FOOT EVERY 12'.
5. EXTENSION ARMS: CAST STEEL GALVANIZED TO ACCOMMODATE 3 STRANDS OF BARB WIRE, SINGLE ARM SLOPED TO 45°, AND VERTICAL ON TOP OF SWAGE GATES.
6. BARRED WIRE (STEEL): ASTM A121 GALVANIZED STEEL, 12 GAUGE THICK WIRE, 3 STRANDS 4 POINTS AT 3" O.C.
7. SWAGE GATE POSTS: SHALL BE 3" O.C. STANDARD HOT GALVANIZED, WEIGHING 5.79 LBS PER FOOT.
8. GATES: (A) SWAGE GATES: 2" O.C. STANDARD PIPE WITH INTERNAL BRACING TO BE USED AT ALL POINTS TO PROVIDE RIGID VENTILATION CONSTRUCTION. FABRIC SHALL BE AS FENCE.
9. FENCE TO BE 100% RECORDED WITHIN TEN(10) DAYS OF COMPLETION OF CONSTRUCTION, THE FENCE CANNOT BE MET. PLEASE NOTIFY PROJECT MANAGER.



FENCE DETAIL END POLES
NOT TO SCALE



ROAD DETAIL



FENCE DETAIL LINE POLES
NOT TO SCALE

DRAWN BY: R. BECKER ISSUE DATE: 9-10-06 SCALE: LISTED	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER 155 Old Barbourville Rd., Corbin, KY. 40701	NO. DATE REVISION _____ _____ _____	RB DESIGN 4400 MERRILL DRIVE • LOUISVILLE, KY. 40291 (502) 255-8107 Fax: (502) 251-3382
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BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS

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

ALL GROUND BARS TO BE INSTALLED AND 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)

ALL LINES ARE TO BE SECURED TO ICE BRIDGE

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

ALL COAX CONNECTIONS ARE TO BE WEATHER PROOFED.

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

ALL TRASH AND REFUSE IS TO BE PROPERLY DISPOSED OF.

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

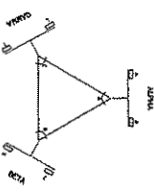
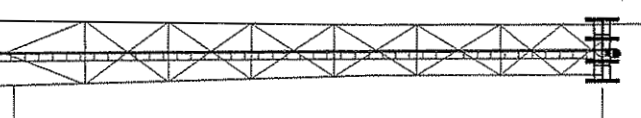
CONTRACTORS TO SUPPLY POLYPHASERS OR LIKE UNITS TO BE INSTALLED AND GROUNDED TO GROUND BAR INSIDE BUILDING AT WAVE GUIDE ENTRANCE. GO TO SUPPLY GROUND CABLE & LUGS.

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

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

CONTRACTOR TO INSTALL GPS BRACKET

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



VERIFY ANTENNA ORIENTATION WITH ANTENNA SPECIFICATIONS

SELF SUPPORT TOWER ELEVATION (TYPICAL)

TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

ANTENNA SPECS

TYPE	SIZE	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	L x W x D W=10.5 D=1.8	6	80°, 200°, 320°	240'-0" C/L VERIFY WITH CONSTRUCTION SUPERVISOR
ANTENNA (SECONDARY)				

ANTENNA MOUNTING HARDWARE SPECS

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

ANTENNA TRANSMISSION LINES SPECS

TRANSMISSION LINE	TYPE	SIZE	NUMBER
(PRIMARY)	ANDREW	1-5/8"	6
(SECONDARY)			

DISH SPECS

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

DISH MOUNT SPECS

MOUNT #1	TYPE	SIZE	NUMBER
MOUNT #2			

DISH TRANSMISSION LINES

TRANSMISSION LINE #1	TYPE	SIZE	NUMBER
TRANSMISSION LINE #2			

ANTENNA SYNOPSIS

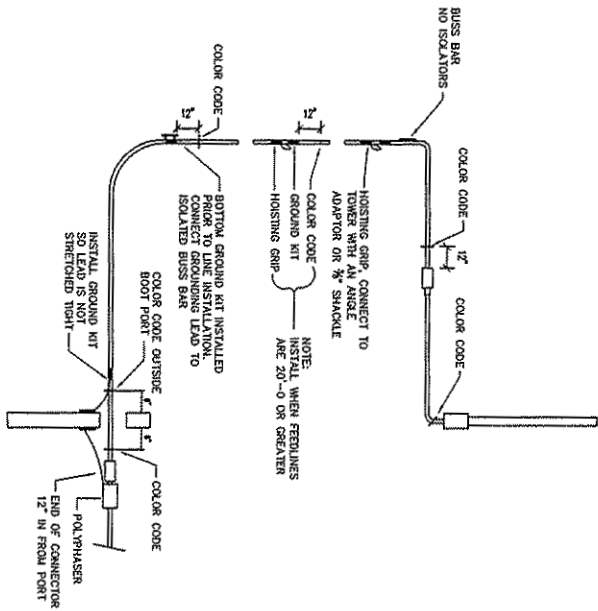
- ANTENNAS TO HAVE A 2°E X,Y,Z
- ANTENNA FREQUENCY 1977.50 - 1982.50



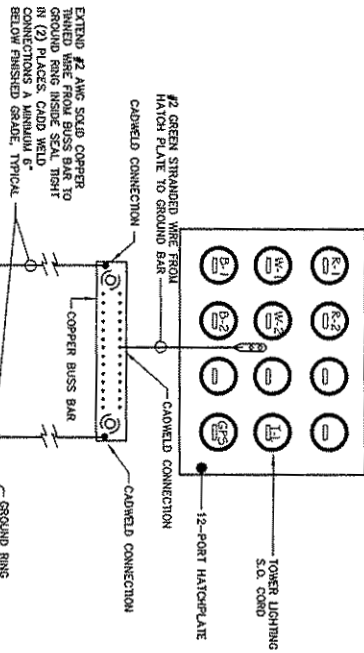
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SILER
155 Old Barbourville Rd., Corbin, KY. 40701

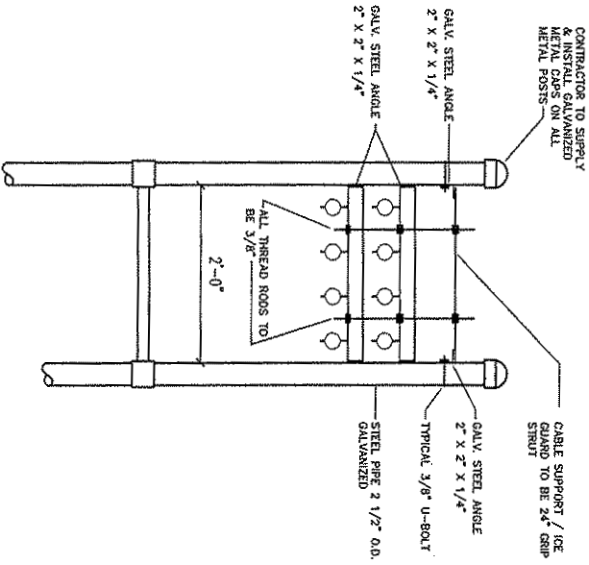
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ISSUE DATE: 9-10-05
SCALE: LISTED
SHEET NUMBER: 1
ANTENNA DETAILS



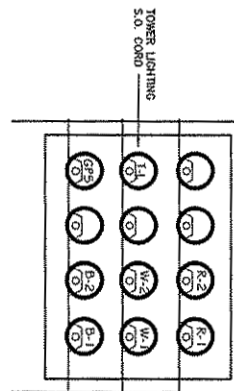
COLOR CODING DETAIL
NO SCALE



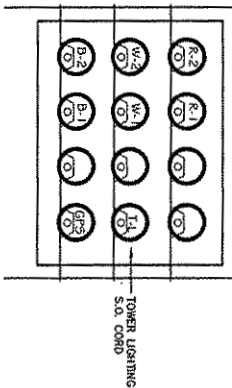
BOOT PORT GROUNDING DETAIL
NO SCALE



ICE BRIDGE / COAX SUPPORT DETAIL
NO SCALE



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



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

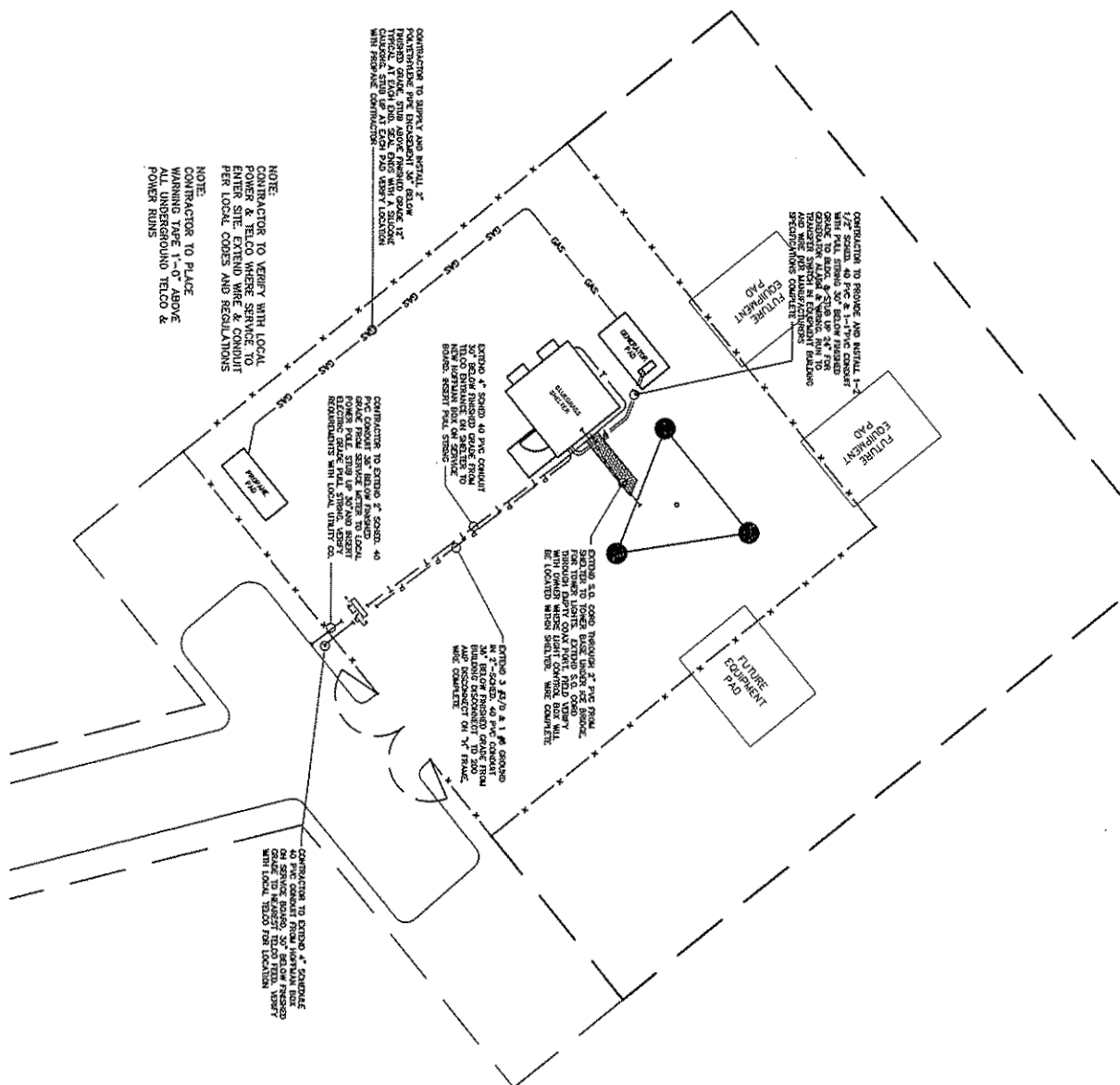
DRAWN BY: R. BECKER
ISSUE DATE: 9-10-06
SCALE: LISTED

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SILER

155 Old Barbourville Rd. Corbin, KY. 40701

NO.	DATE	REVISION





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

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

CONTRACTOR TO VERIFY AND INSTALL 2" PVC CONDUIT FOR ALL UNDERGROUND TELCO & POWER RUNS. AT ENTRY AND EXIT ENDS WITH A SLOTTED END CAP AND A SLOTTED END CAP WITH PERMANENT IDENTIFICATION.

CONTRACTOR TO EXTEND 2" CONDUIT 40' FROM SERVICE POINT TO LOCAL ELECTRICAL SERVICE. PER LOCAL UTILITY CO. REQUIREMENTS WITH LOCAL UTILITY CO.

ENTRANCE 3: 2" PVC CONDUIT THROUGH 2" PVC CONDUIT TO LOCAL ELECTRICAL SERVICE. PER LOCAL UTILITY CO. REQUIREMENTS WITH LOCAL UTILITY CO.

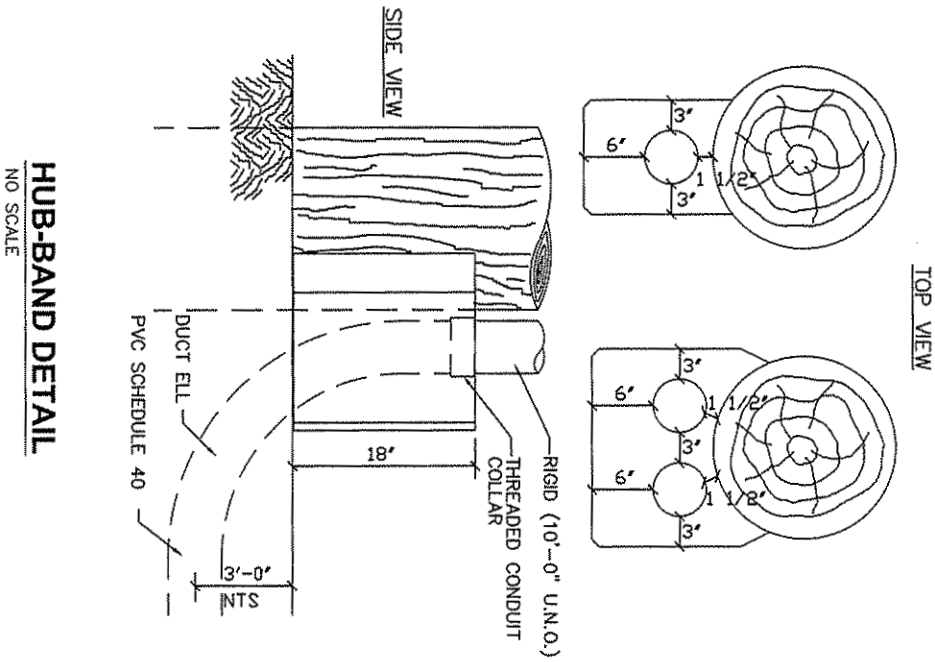
CONTRACTOR TO EXTEND 2" CONDUIT 40' FROM SERVICE POINT TO LOCAL ELECTRICAL SERVICE. PER LOCAL UTILITY CO. REQUIREMENTS WITH LOCAL UTILITY CO.

SYMBOLS & LEGEND
 --- POWER
 --- GAS
 --- TELCO
 --- FENCE
 --- SWITCH DISCONNECT
 --- METAL PAD

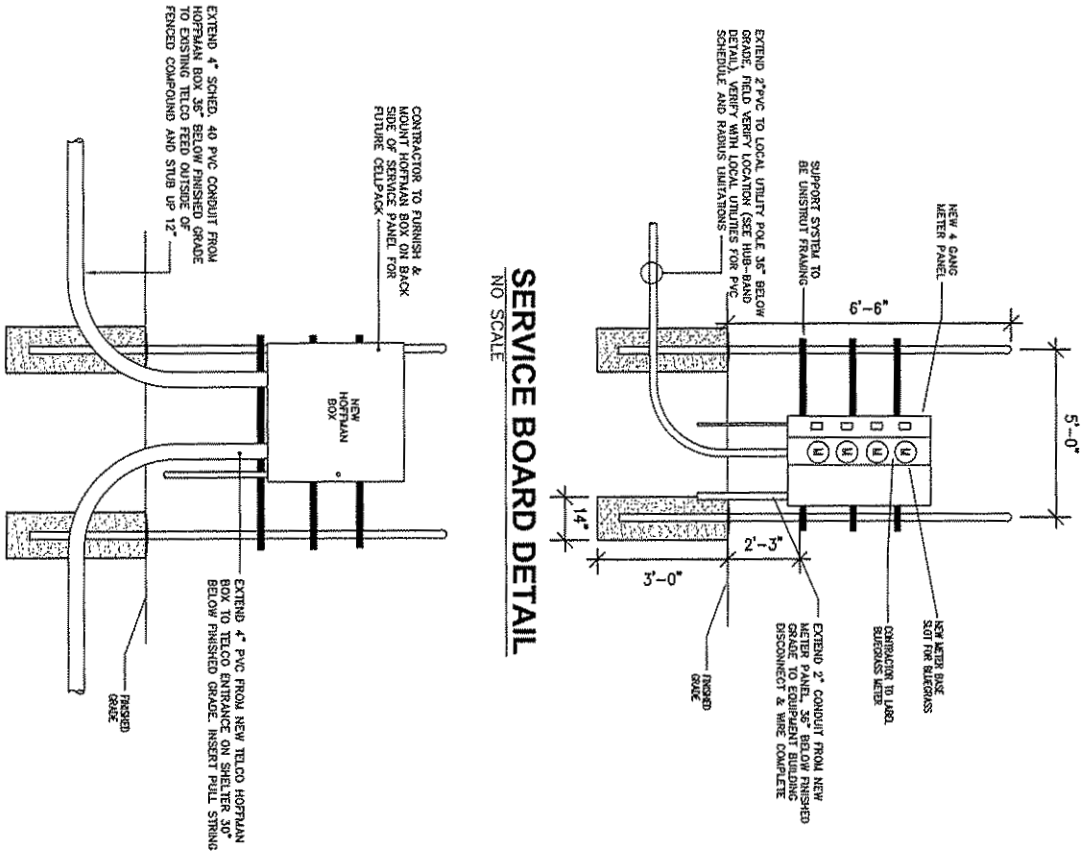
- GENERAL ELECTRICAL NOTES:
- 1) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN SERVICE.
 - 2) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL TELEPHONE COMPANY FOR SERVICE AND FEE PAYMENTS REQUIRED TO OBTAIN 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 HAVING TESTING THE SITE AND REPORTING OWNER WITH FINAL READINGS IN OWNERS SPECIFICATIONS.
- NOTE:
CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED 1'-0" ABOVE CONDUIT RUNS.

SITE PLAN-ELECTRICAL
 SCALE: 1/16" = 1'-0"

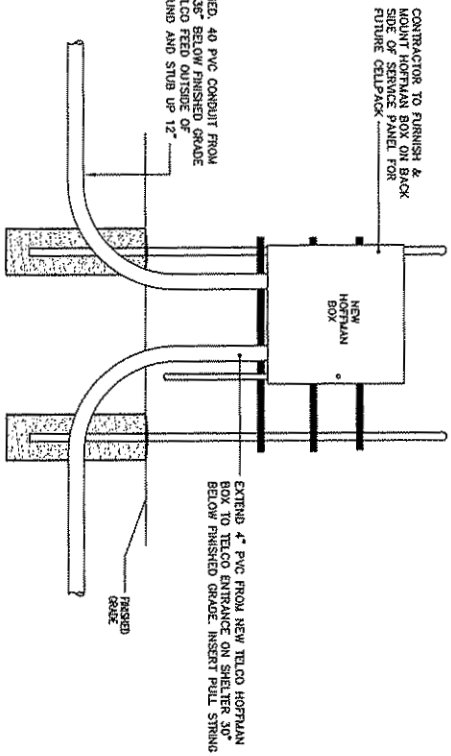
DRAWN BY: R. BECKER ISSUE DATE: 9-10-06 SCALE: LISTED	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER 155 Old Barbourville Rd., Corbin, KY. 40701		NO. DATE REVISION
			NO. DATE REVISION



HUB-BAND DETAIL
NO SCALE



SERVICE BOARD DETAIL
NO SCALE

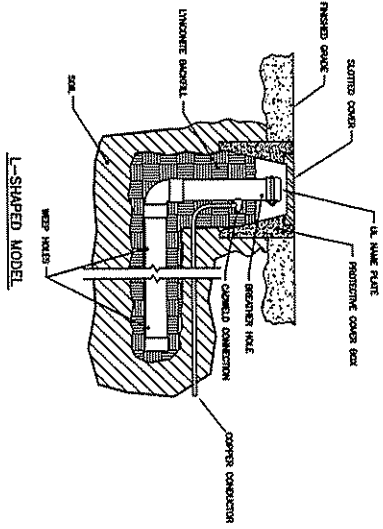


BACKBOARD DETAIL
NO SCALE

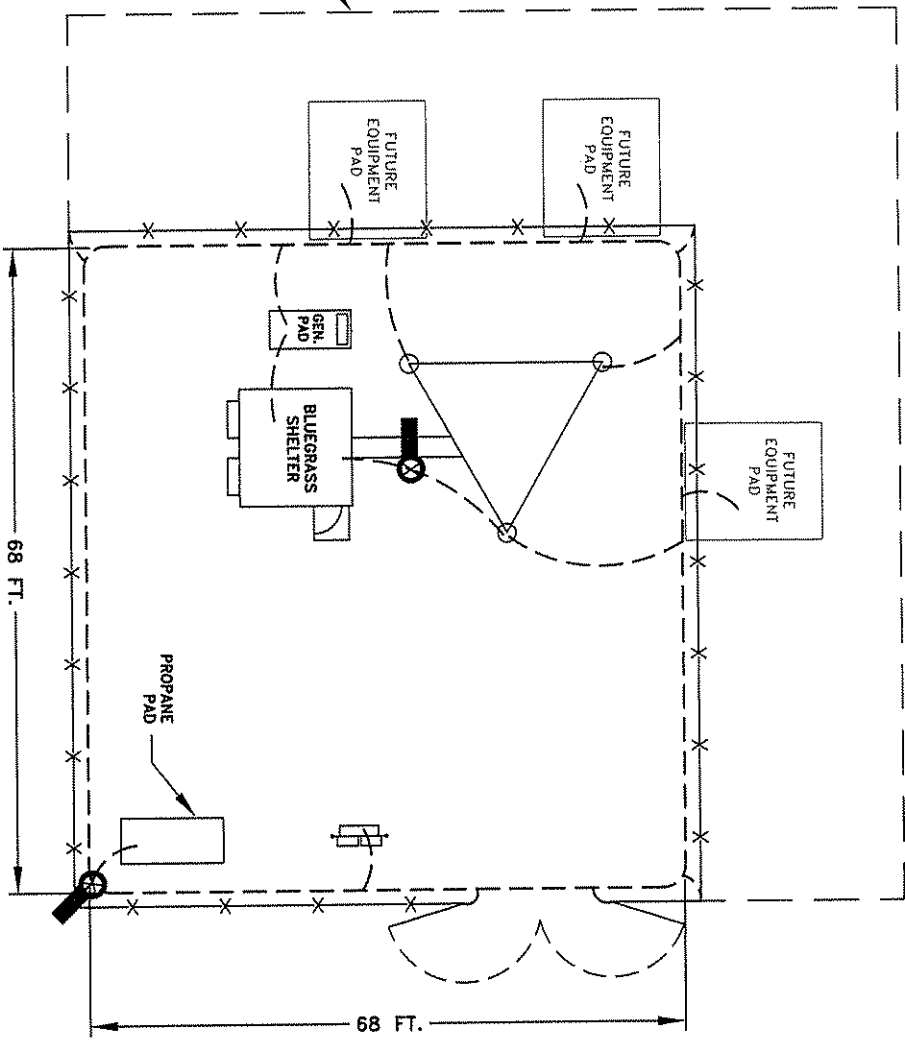
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BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER 155 Old Barbourville Rd. Corbin, KY. 40701						
				4245-031(02)1x1 4245-031(02)1x1 4245-031(02)1x1 4245-031(02)1x1 4245-031(02)1x1		

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
- KAL-10CS (SEE DETAIL)

LYNCOLE

TECHNICAL SERVICES

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

SOIL DATA PROVIDED BY
TERRACON

CLIENT / END USER
BLUEGRASS CELLULAR

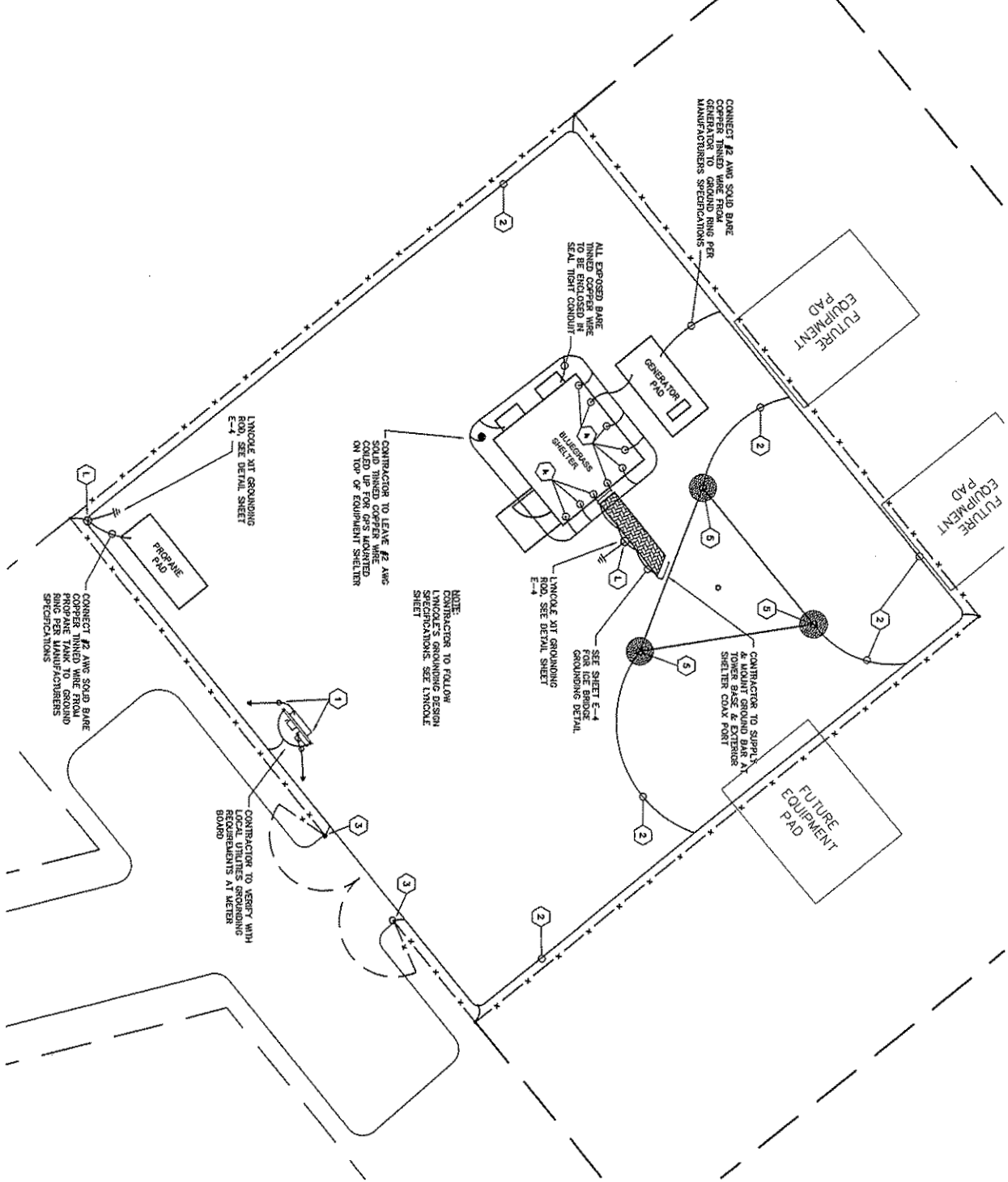
DRAWING PROJECT NAME
1 SILER TOWER

TITLE
GROUNDING OPTION

LOCATION CITY, STATE
CORBIN, KY
CALCULATED RESISTANCE
< 6 OHMS

DRAWN BY
DCN
APPROVED BY DATE
11/20/06

REFERENCE NUMBER
11 / 1
SCALE
AS SHOWN
LTS NUMBER
0200014



- GENERAL ELECTRICAL NOTES:**
- 1) CONTRACTOR RESPONSIBLE FOR MAKING ALL ARRANGEMENTS WITH THE LOCAL UTILITIES FOR SERVICE AND 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 COMPOUND'S FENCED AREA.
 - 4) FENCE TO BE GROUNDED FROM GROUND RING TO ALL CORNER POST & GATES. SPACE FENCE GROUNDING APPROXIMATELY 20'-0" O/C. (CABO 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 CLEARED 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 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 LINDOLEX GROUNDING SPECIFICATIONS WHEN USING THEIR WIT GROUNDING RODS. SEE DETAIL SHEET E-4.

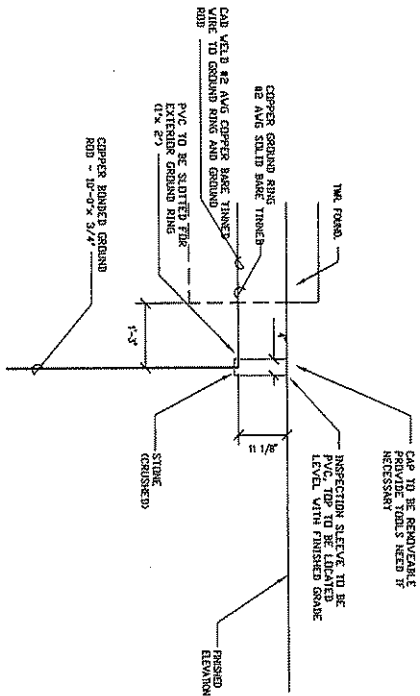
REMARKS:

- 1) LINDOLEX WIT GROUNDING ROD TO BE INSTALLED WHERE SHOWN AND TO MANUFACTURERS SPECIFICATIONS. (SEE LINDOLEX SPECIFICATIONS)
- 2) GROUNDING RODS OF 1/2" LONG x 3/4" DIAMETER (TYPICAL) SPACING OF RODS INDICATED IN PLAN.
- 3) INSPECTOR SLEEVE TO BE INSTALLED AND PROVIDED SOLID BARE THINWALL COPPER WIRE #2 AWG GROUND TYPE CONNECTIVE CONDUIT. (CONNECTIONS FOR ALL UV EXPOSURE TO BE PARALLEL AND "CO WELD" CONNECTIONS)
- 4) FLEXIBLE GROUNDING STRAP TO BE USED TO PROVIDE A COMMON BOND BETWEEN CABINET AND SHUN BOX. #2 AWG SOLID COPPER BARE THINWALL WIRE TO BE USED TO BE PROVIDED ON EACH 4 SIDES TO GROUND RING AS INDICATED ABOVE.
- 5) GROUNDING TO BE PROVIDED TO GROUND BARS FOR EACH OF THE GATE STRUCTURE. FLAME MARK, BATTERY DISCONNECT, RECYCLED METAL AT 90° TO "CO WELD" TO AND CLEAN #2 AWG SOLID BARE THINWALL COPPER WIRE TO BE COILED UP FROM PROPANE TANK TO GROUND RING PER MANUFACTURERS SPECIFICATIONS TO GROUND RING. RIGHT ANGLES NOT ACCEPTED. ALL BENDS TO BE SHARPEN.

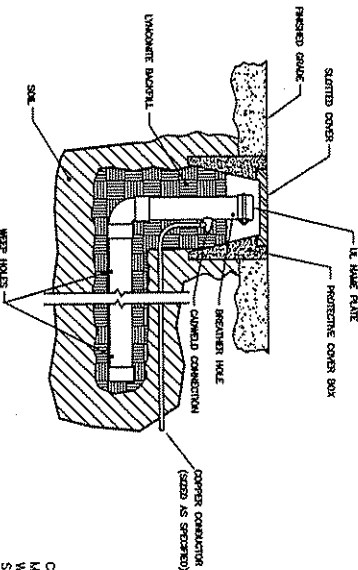
SITE PLAN-GROUNDING

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

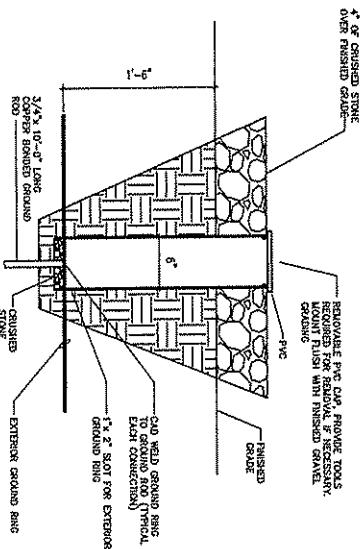
DRAWN BY: R. BECKER	ISSUE DATE: 9-10-06	SCALE: LISTED	BLUEGRASS CELLULAR, INC.			
			STANDARD CELLULAR SITE			
E-3			SILER			
155 Old Barbourville Rd. Corbin, KY. 40701			NO.	DATE	REVISION	



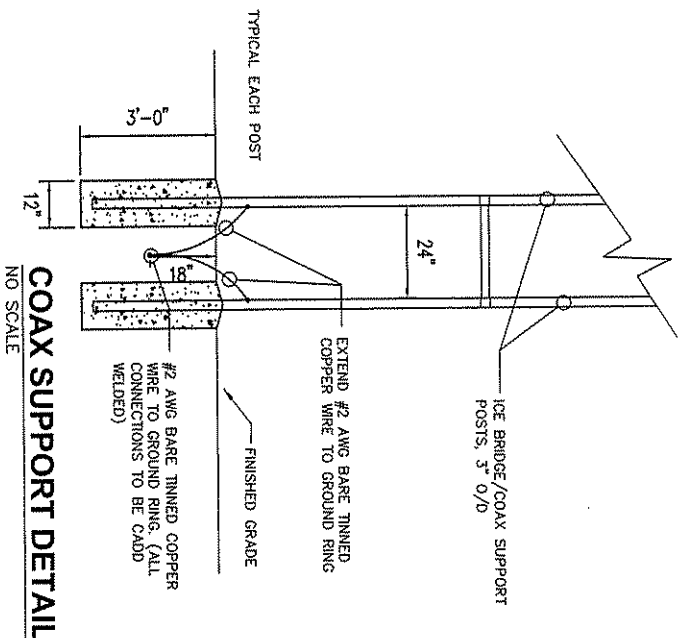
GROUND ROD DETAIL
NO SCALE



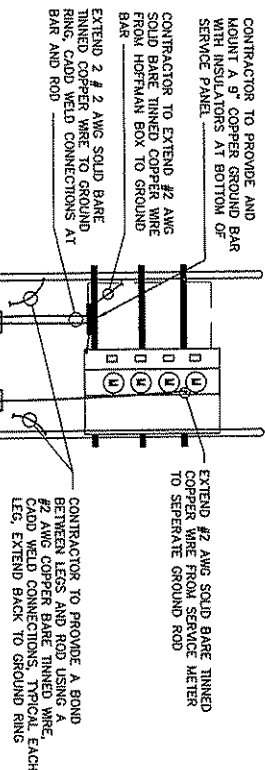
LYNCOLE XIT ROD DETAIL
NO SCALE



GROUND SLEEVE DETAIL

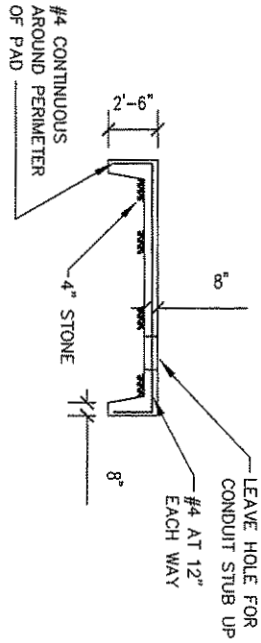
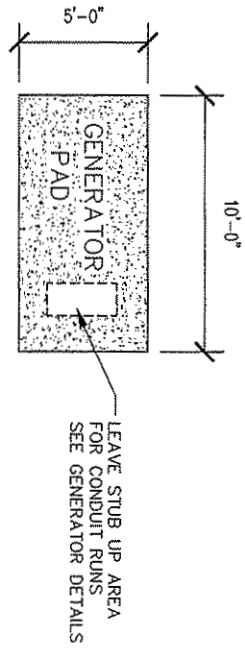


COAX SUPPORT DETAIL
NO SCALE



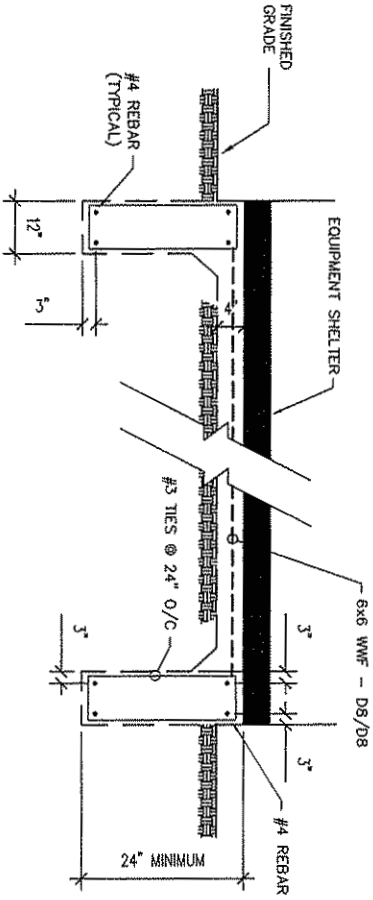
SERVICE BOARD DETAIL
NO SCALE

DRAWN BY: R. BECKER	ISSUE DATE: 9-10-06	SCALE: LISTED	SHEET NUMBER: E-4	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER 155 Old Barboursville Rd. Corbin, KY. 40701		
				NO.	DATE	REVISION
				 8409 MERCURY DRIVE LOUISVILLE, KY. 40261 (502) 588-9167 FAX (502) 581-3558		

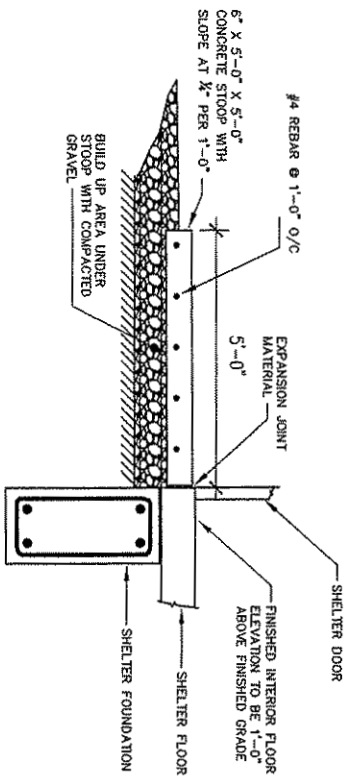


FOUNDATION DETAIL
NO SCALE

FOUNDATION DETAIL
NO SCALE



SHELTER FOUNDATION PLAN
NO SCALE



CONCRETE STOOP DETAIL
NO SCALE

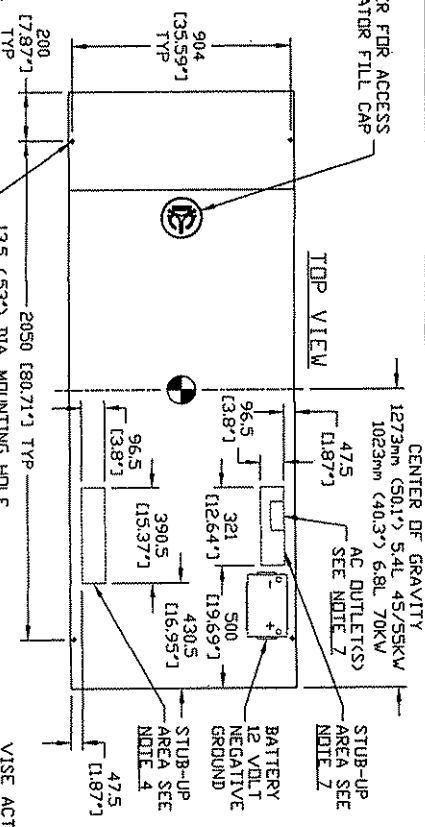
DRAWN BY: R. BECKER ISSUE DATE: 9-10-06 SCALE: LISTED SHEET NUMBER: S-1	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER 155 Old Barbourville Rd. Corbin, KY. 40701		NO. DATE REVISION	<p>8400 MERCURY DRIVE LOUISVILLE, KY. 40261 (502) 530-0427 Fax: (502) 530-1011</p>

0G1407

- 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.
 - 1A) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.
 - 5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
 - 6) REMOVE EITHER LEFT OR RIGHT HAND SIDE PANEL TO ACCESS EXHAUST MUFFLERS.
 - 7) INSIDE ACCESS TO 120VAC, 20A GFCI OUTLET PREPARED 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

TOP VIEW



CENTER OF GRAVITY

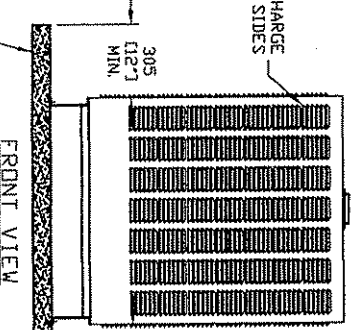
SERVICE ITEM ACCESSIBILITY CHART

SERVICE ITEM	5. 4L 45/55KV 6. 8L 70KV
DIL FILL CAP	THRU RIGHT FRONT DOOR
DIL DIP STICK	THRU LEFT FRONT DOOR
DIL FILTER	THRU LEFT FRONT DOOR
OIL DRAIN HOSE	THRU RIGHT FRONT DOOR
RADIATOR DRAIN HOSE	THRU LEFT FRONT DOOR
AIR CLEANER ELEMENT	EITHER FRONT DOOR
SPARK PLUGS	BOTH FRONT DOORS
MUFFLERS	SEE NOTE 6
FAN BELT	EITHER FRONT DOOR
BATTERY	THRU RIGHT REAR DOOR
AC OUTLET(S)	THRU RIGHT REAR DOOR

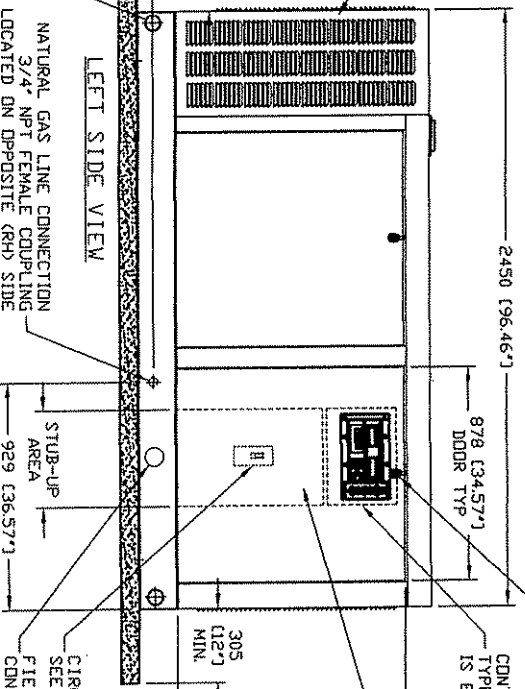
REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS

EXHAUST AND AIR DISCHARGE DIVERS - FRONT AND SIDES

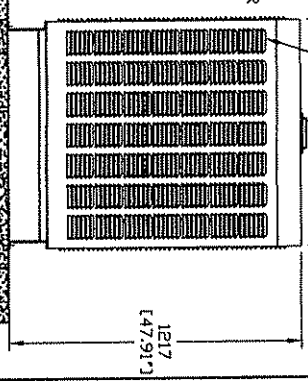
EXHAUST MUFFLERS ENCLOSED WITHIN. SEE NOTE 6



LEFT SIDE VIEW



REAR VIEW



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

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

CIRCUIT BREAKER FIELD CUT HOLE FOR OUTSIDE CONDUIT. SEE NOTE 3 CONNECTION ONLY. SEE NOTE 4A

FRONT COVER SEE NOTE 4

CONTROL PANEL, H100 TYPE, BATTERY CHARGER IS ENCLOSED WITHIN

VIEW ACTION LATCH, ONE PER DOOR, TWO LEFT-OFF DOORS PER SIDE OF GENERATOR

AIR INLET LOUVERS 935 (36.81')

CONCRETE MOUNTING PAD SEE NOTE 1

WEIGHT DATA

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

GENERATOR ACTION LATCH, ONE PER DOOR, TWO LEFT-OFF DOORS PER SIDE OF GENERATOR. SEE NOTE 3 CONNECTION ONLY. SEE NOTE 4A

INSTALL DRAWING 5.4L/6.8L IND C3

GENEPAC POWER SYSTEMS
Waukesha, WI 53187

INSTALLATION DRAWING

SCALE 1 = 20 FEET INDUSTRIAL QT SERIES
DWG NO. 0G1407
REV *

GENERAL NOTES:

- 1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP AND DELIVERY TO SITE, ERECTION OF TOWER, AND GASET SET, ALL COSTS INCLUDED.
- 2) BIDDING AND REVIEWING EXISTING STRUCTURES OR UTILITIES THAT MAY 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 AHEAD NOTICE.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING, PLEASE PROVIDE AHEAD NOTICE.
- 5) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE OWNER WITH FINAL TEST RESULTS ON ALL MATERIALS TESTING, IF ANY PROBLEMS ARE FOUND PRIOR TO FINAL RESULTS PLEASE NOTIFY AHEAD OR OWNER IMMEDIATELY.
- 6) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJACENT PROPERTY, AND REPAIRING OR REPLACING WHAT IS NECESSARY TO OWNERS APPROVAL.
- 7) THE CONTRACTOR IS TO VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION STARTING, ANY PROBLEMS OR CHANGE FOUND TO CONTACT AHEAD OR OWNER TO VERIFY.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE OWNER AND CONTRACTOR PROPERTY, ALL LIGHTING TO BE TURNED OFF PRIOR TO THE END OF THE WORK DAY. LIGHTING TO REMAIN 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 DIMENSIONS, ALL EROSION CONTROL, NECESSARY TO MAINTAIN ANY DRAIN 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 EXPENSE.

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
 - SHEET 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 1-800-752-6001, WHICH HAS ESTABLISHED TO PROVIDE LOCATIONS OF UTILITIES IN THE AREA. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. ALL NEW SERVICE AND GROUNDING MEASURES 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 UNSATURATED SOIL, MATERIALS, TOP-SOIL, VEGETATION, AND HAZARDOUS MATERIALS FROM SURFACE OF GROUND PRIOR TO PLACING, STRIPPING, PLACING FILLS OR BREAKING UP OF SLOPED SURFACES.
 - ALL FILL TO BE PLACED IN LAYERS OF 6" TO 8" MAXIMUM DEPTH. FILL WILL BE BOUND TO EXISTING SURFACE. WHEN AREA TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, AERATE, MOISTURE - CONDITION, OR PLURVEZE SOIL AND RECOMPACT TO REQUIRED DENSITY.
- 3) BACK FILLING:
 - EXCAVATED AREA SHALL BE CLEARED FROM STONES OR CLOS OVER 2 1/2" MAXIMUM DIAMETER.
 - SHALL BE PLACED IN LAYERS OF 6" AND COMPACTED TO A 95% STANDARD PROCTOR, USE A 90% PROCTOR IN GRASSED / LANDSCAPED AREAS WHERE PROCTOR IS APPROVED MATERIALS CONSISTING OF SANDY CLAY, GRAVEL, AND SAND, SIFT SHALE, EARTH OR LOAM, CONSULT WITH ENGINEER PRIOR TO FILL BEING ADDED.
- 4) ALL MATERIAL FOR FILL TO BE APPROVED BY ENGINEER AND TESTED TO BE SURE TO BE TURNED OVER TO OWNER, ALL COMPACTING RESULTS TO BE TURNED OVER TO OWNER.
- 5) AFTER COMPLETION OF BELOW GRADE EXCAVATING, AREA TO BE CLEARED AND CLEARED OF ANY UNSATURABLE MATERIALS, SUCH AS TRASH, DEBRIS, VEGETATION AND SO FORTH.
- 6) ANY EXCAVATING IN WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE OF ANY LOOSE MATERIAL AND EXCESS GROUND WATER.
- 7) IF SOUND SOIL IS NOT REACHED AT DESIGNATED EXCAVATION DEPTH, THE POOR SOIL IS TO BE EXCAVATED TO ITS FULL DEPTH AND EITHER REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION TO BE FILL WITH THE SAME QUALITY CONCRETE TO BE USED WITH THE SAME QUALITY CONTRACT OWNER & ENGINEER FOR RECOMMENDATIONS.
- 8) MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE EXCAVATION SHALL BE USED TO FILL EXCAVATION. THE GENERAL REPAIR DEPTH FOR STABILIZED SOIL TO BE USED, STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS, PLEASE CONTACT ENGINEER FOR RECOMMENDATIONS.

NOTE: GENERAL CONTRACTOR MUST HAVE A PERMIT TO EXCAVATE FOR SITE DURING ANY PHASE OF CONSTRUCTION FOR SAFETY PRECAUTIONS.

THIS SCOPE OF WORK IS A BASIC OUTLINE FOR THE GENERAL CONTRACTOR TO FOLLOW AND DOES NOT EXCLUDE OTHER UTILITIES OR SERVICES THAT MAY BE NECESSARY TO COMPLETE THE CELLULAR SITE. IT IS RECOMMENDED THAT THE SPECIFICATIONS MANUAL BE READ PRIOR TO CONSTRUCTION. SEE R89 DESIGN IF SPECIFICATIONS MANUAL IS NEEDED. 502-599-9427

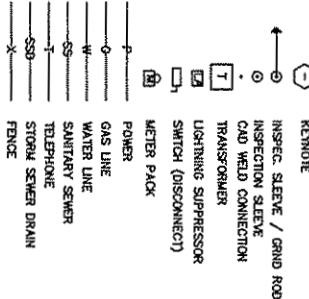
INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.

- INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.
- EXCAVATION TO COMPOUND TO INCLUDE WELD CONTROL MAT.
- SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL (CROWNED FORMATION)
- ALL FILL TO BE PLACED IN LAYERS OF 6" TO 8" MAXIMUM DEPTH. FILL WILL BE BOUND TO EXISTING SURFACE. WHEN AREA TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, AERATE, MOISTURE - CONDITION, OR PLURVEZE SOIL AND RECOMPACT TO REQUIRED DENSITY.
- GC WILL BE RESPONSIBLE FOR REPAIR OF ALL AREAS DISTURBED DURING CONSTRUCTION. (EXCAVATING ISSUES)
- GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOWER WHEN APPLICABLE.
- GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.
- GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRIDGE AND HOOK-UP.
- GC WILL BE RESPONSIBLE FOR CLEANING THE INSIDE OF BUILDING BEFORE THE SITE IS TURNED OVER TO THE OPERATIONS DEPARTMENT. THIS WILL INCLUDE SUPPLYING A 30 GALLON TRASHCAN, 30 GALLON TRASH BAGS, BROOM, DUST PAV AND DOORMAT FOR BUILDING.
- GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE AND PAVING 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 CONTRACT SCOTT ANDERSON (502-257-6315)
- TI CONDUIT WILL NEED TO BE PLACED FROM PILE TO BUILDING. (IF A MISCOMBINE DISH IS USED, THE TI CONDUIT WILL STILL BE INSTALLED FOR FUTURE USE.)
- GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL PERMITS.
- 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
- TOWER FOUNDATION
- TOWER ERECTION
- LINE INSTALL
- ANTENNA INSTALL
- PERMITS

SYMBOLS LEGEND



DRAWN BY: R. BECKER	ISSUE DATE: 9-10-06	SCALE: LISTED	BLUEGRASS CELLULAR, INC. STANDARD CELLULAR SITE SILER		NO. DATE REVISION
			155 Old Barbourville Rd., Corbin, KY. 40701		
SHEET NUMBER					

Tim Thompson

Professional Engineer · Land Surveyor

BLUEGRASS CELLULAR

Siler Site

Drive to directions:

November 16, 2006

Owner: Edwin R. Moore, Timothy Nelson Moore and Margaret June Goodin

Address: 155 Barbourville Road
Corbin, KY 40701

From the Knox County courthouse in Barbourville, KY go south on S. Main St. 0.1 miles to KY Hwy 11 (Daniel Boone Dr.). Turn left on KY Hwy 11 and go east 0.4 miles to US Hwy 25 E. Turn left on US Hwy 25 E and go north and west for 13.5 miles to the Corbin Bypass (KY Hwy 3041). Turn left and go southwest 0.5 miles to Old Barbourville Road. Turn left and go southeast 0.07 miles. Turn left and follow access road to tower site in pasture.

Tim Thompson, LS 1304

232 Henton Ct.
Versailles, KY 40383

T: (859) 873-5252
F: (859) 873-5252
M: (859) 221-5252
E: TIMT2S@aol.com



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 12 day of June, 2006, by and between **Edwin R. Moore, Timothy Moore and Margaret Goodin**, whose address is **7601 KY Hwy. 1232, Corbin, KY 40701** (the "Optionor (s)" and **Bluegrass Wireless LLC, a Kentucky limited liability company** 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 **Knox** County, **Kentucky** as more particularly described on Exhibit A attached hereto and incorporated herein by reference (the "Property"); and

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

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

Site Name: Siler

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 12-12-07, (the "Option Period") as set forth in Paragraph 5 thereof.
2. The parties hereto anticipate that the Property comprises approximately a **One Hundred Foot by One Hundred Foot** area, and that a right of way will be given by the Optionor(s) for the purposes of ingress and egress throughout the term of the lease. The Optionee shall obtain an accurate survey of the Property by a registered land surveyor licensed in the Commonwealth of Kentucky at the sole expense of the Optionee. A copy of the survey shall be provided to the Optionor(s). The description of the Property shall include the number of acres determined by the surveyor. The Optionee shall obtain said survey within a reasonable time following the date of the Option Agreement.
3. During the term of the Option, the Optionee may enter onto the Property at its own risk to obtain soil samples and to bore soil for the purposes of determining the suitability of the Property for a communications tower.
4. Upon the Optionee's proper exercise of the Option in accordance with Paragraph 5 hereof, the Optionor(s) shall be deemed to have immediately executed, acknowledged and delivered to the Optionee the Lease Agreement contained in Section II hereof. The description of the Property shall be that determined by the registered land surveyor in accordance with Paragraph 2 hereof.

Site Name: Siler

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

Site Name: Siler

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

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

Site Name: Siler

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: 7601 KY Hwy. 1232, Corbin, KY 40701; 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 **Knox 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 Optionor(s) set forth in Paragraph 14 hereof. The Lease amount shall be adjusted at the end of each term by an increase of 12%.

Site Name: Siler

2. The Optionee shall pay to the Optionor(s) rent for the Property in the sum of **Seven Thousand Two Hundred Dollars and Zero Cents (\$7,200.00)** yearly, to be paid in advance. All rent payments shall be personally delivered or mailed to the Optionor(s) at the address set forth in Paragraph 14 hereof. Any check payment of the rent due under the Lease shall be payable to the order of Optionor(s).
3. The Optionee shall be entitled to use and occupy the Property for the purpose of erecting, maintaining and operating a communications tower and communications facilities thereon and for all such other uses as Optionee may, in its sole discretion, deem necessary in connection therewith.
4. The Optionor(s) shall be responsible for the payment of all real estate taxes which shall be assessed against the Property during the term of the lease. The Optionee shall pay all charges for heat, water, gas, electricity, sewer use charges and any other utility used or consumed on the Property. The Optionee shall, at its own cost and expense, maintain and keep in full force and effect during the term of the lease public liability insurance with coverage in the amount of at least one million dollars (\$1,000,000.00) per person for bodily injury, disease, or death and shall maintain property insurance on any property the Optionee located on the Property.
5. The Optionee may assign the lease. The Optionee may sublet all or part of the space on the tower or ground space.

Site Name: Siler

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.

Site Name: Siler

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

[Remainder of Page Intentionally Left Blank]

Site Name: Siler

EXECUTION OF AGREEMENT(S)

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

Edwin R. Moore

Date: 6/12/06

Tim N Moore

Date: 6/12/06

Margaret Goodin

Date: 6/13/06

("Optionor(s)")

Ron Smith

Date: 6-26-06

("Optionee")

**By: Edwin R Moore, Timothy Moore
and Margaret Goodin
Property Owner(s)**

**By: Ron Smith
Authorized Representative**

STATE OF KENTUCKY
COUNTY OF WHITLEY

The foregoing instrument was acknowledged before me this 12 day of JUNE, 2006,
by EDWIN R. MOORE to be his/her free act and deed.

Stacy Rogge

NOTARY PUBLIC STATE AT LARGE

My commission expires: 12-30-06

Site Name: Siler

STATE OF KENTUCKY
COUNTY OF WHITLEY

The foregoing instrument was acknowledged before me this 12 day of JUNE, 2006,
by TIMOTHY MOORE to be his/her free act and deed.

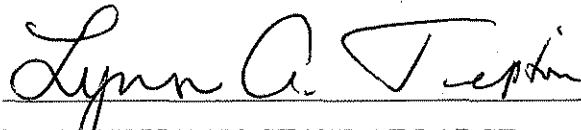


NOTARY PUBLIC STATE AT LARGE

My commission expires: _____

STATE OF Kentucky
COUNTY OF Whitley

The foregoing instrument was acknowledged before me this 13 day of June, 2006,
by Margaret Goodin to be his/her free act and deed.



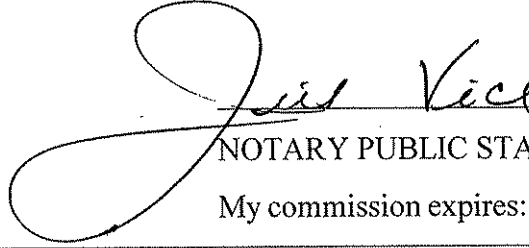
NOTARY PUBLIC STATE AT LARGE

My commission expires: 6-4-09

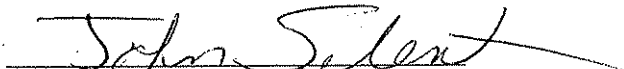
Site Name: Siler

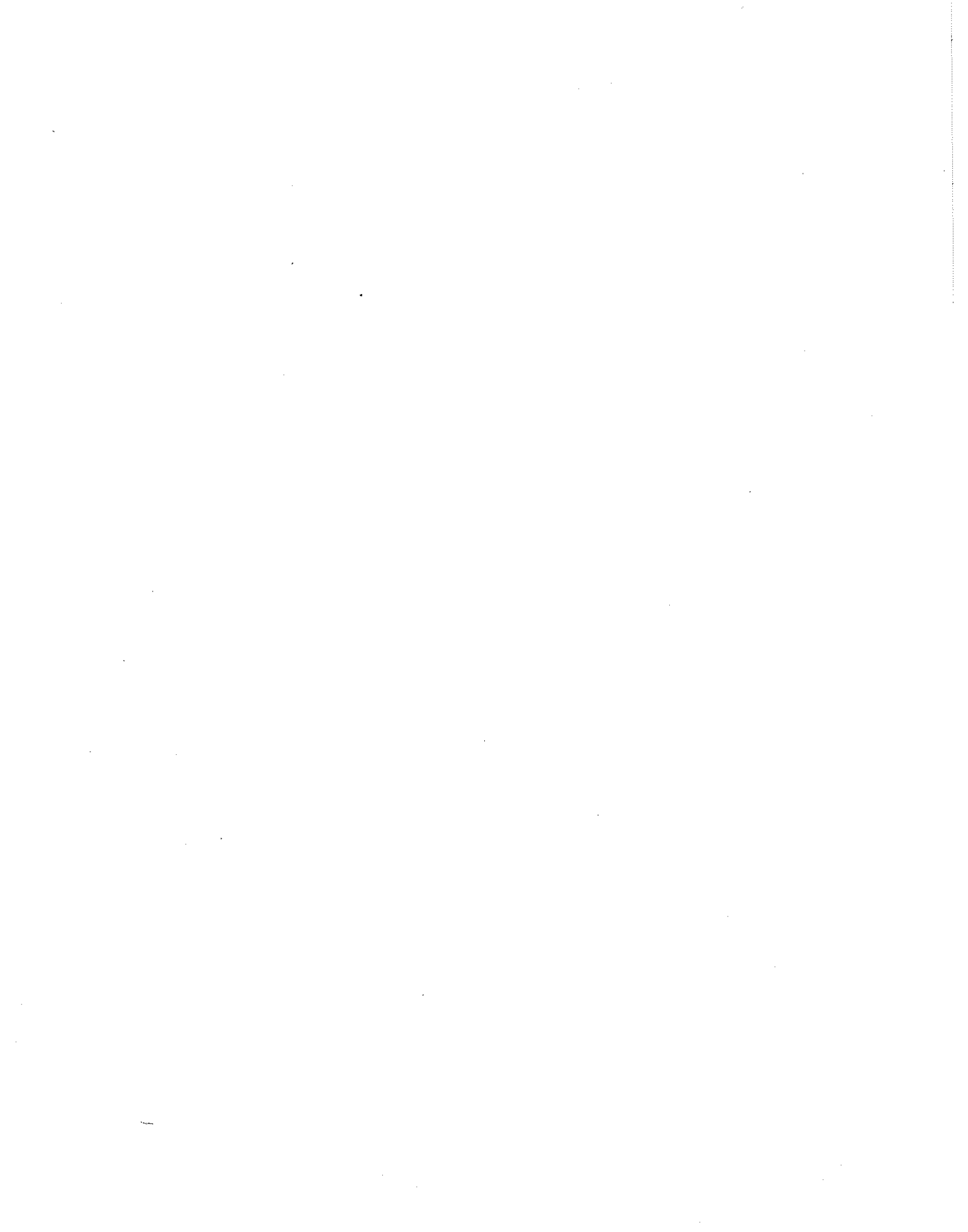
STATE OF KENTUCKY
COUNTY OF HARDIN

The foregoing instrument was acknowledged before me this 26 day of June,
2006, by **Ron Smith**, to be his free act and deed.


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

This instrument prepared by:


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



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 (SILER) IN RURAL
SERVICE AREA #11 (KNOX) OF THE
COMMONWEALTH OF KENTUCKY**

CASE NO. 2007-00042

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 Bluegrass Wireless LLC and am submitting this affidavit in conjunction with the above referenced matter.

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

3. Attached as Exhibit 2 is a copy of the United States Certified Mail return receipts that demonstrate proof of service of the written notice of the proposed construction upon (all of whom have street addresses): (1) Edwin Moore, Timothy Moore and Margaret Goodin; (2) Clarence Hood; (3) Bobby and Bridget Smith; (4) Johnnie and Maxine Bunch; (5) Joseph and Arbutis Antonikowski; (6) Vandora Belew; and (7) Martha Barton. (See Exhibit 1.)

4. Attached as Exhibit 3 is a copy of the United States Express Mail return receipt that demonstrates proof of service of the written notice of the proposed construction upon (who

**BLUEGRASS CELLULAR
SILER SITE
155 BARBOURVILLE ROAD
CORBIN, KNOX COUNTY, KY 40701**

PROPERTY OWNERS ADJACENT TO THE SUBJECT PROPERTY AND/OR WITHIN 500 FOOT RADIUS OF PROPOSED TOWER AND/OR WITHIN 200 FOOT OF ACCESS ROAD EASEMENT:

<u>ID</u>	<u>Map - Par.</u>	<u>Owner/Address</u>	<u>Deed Reference</u>	
(A)	11 - Par 36	Edwin R. Moore, Timothy Nelson Moore and Margaret June Goodin 7601 KY 1232 Corbin, KY 40701	DB 305, PG 053	Subject Property
(B)	11 - Par 35	Edwin R. Moore, Timothy Nelson Moore and Margaret June Goodin 7601 KY 1232 Corbin, KY 40701	DB 281, PG 614	Lessor Property
(C)	11 - Par 47	Earl and Nancy Johnson PO Box 710 Corbin, KY 40702	DB 175, PG 098	
(D)	11 - Par 50	Clarence Hood 10 Sunflower Lane Corbin, KY 40701	DB 116, PG 422	
(E)	12 - Blk 30 Par 19	Bobby and Bridget Smith 499 KY 3436 Gray, KY 40734	DB 289, PG 616	
(F)	11 - Par 46	Johnnie T. and Maxine Bunch 238 Old Barbourville Road Corbin, KY 40701	DB 153, PG 014	
(G)	11 - Par 45	Joseph Michael and Arbutis Faye Antonikowski 192 OLD Barbourville Road Corbin, KY 40701	DB 284, PG 428	
(H-1)	11 - Par 43.01	Vandora Belew 391 Right Fork E Creek Rd. Corbin, KY 40701	DB 307, PG 671	
(H-2)	11 - Par 44	Vandora Belew 391 Right Fork E Creek Rd. Corbin, KY 40701	DB 274, PG 397	
(I)	11 - Par 38	Martha Jane Barton 630 E. Fork Rd. Corbin, KY 40701	DB 168, PG 463	



February 2, 2007

Edwin R. Moore
Timothy Nelson Moore
Margaret June Goodin
7601 KY 1232
Corbin, KY 40701

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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

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

Please refer to case number 2007-00042 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>Edwin R. Moore</i> <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Edwin R. Moore</i> C. Date of Delivery <i>2/10/07</i></p>
<p>1. Article Addressed to:</p> <p>Edwin R. Moore Timothy Nelson Moore Margaret June Goodin 7601 KY 1232 Corbin, KY 40701</p>	<p>D. Is delivery address different from Item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below: <i>621</i></p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7006 2150 0005 6274 8656</p>

February 2, 2007

Clarence Hood
10 Sunflower Lane
Corbin, KY 40701

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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Frankfort, Kentucky, 40602.**

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<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <i>Clarence Hood</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Clarence Hood 10 Sunflower Lane Corbin, KY 40701	B. Received by (Printed Name) C. Date of Delivery 2-6-07
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
PS Form 3811, February 2004	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.
Domestic Return Receipt	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

7006 2150 0005 6274 8663

102595-02-M-1540

February 2, 2007

Bobby and Bridget Smith
499 KY 3436
Gray, KY 40734

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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

Please refer to case number 2007-00042 in your correspondence.

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	<p>A. Signature x <i>Bridget C Smith</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Bridget C Smith</i> C. Date of Delivery <i>2/6/07</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
1. Article Addressed to: <p style="text-align: center;">Bobby and Bridget Smith 499 KY 3436 Gray, KY 40734</p>	3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
2. Article Number (Transfer from service label)	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <p style="text-align: center;">7006 2150 0005 6274 8670</p>

February 2, 2007

Johnnie T. and Maxine Bunch
238 Old Barbourville Road
Corbin, KY 40701

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

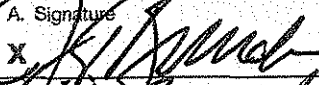

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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

Please refer to case number 2007-00042 in your correspondence.

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1. Article Addressed to: Johnnie T. and Maxine Bunch 238 Old Barbourville Road Corbin, KY 40701	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
2. Article Number (Transfer from service label)	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes 7006 2150 0005 6274 8687

February 2, 2007

Joseph Michael and
Arbutis Faye Antonikowski
192 OLD Barbourville Raod
Corbin, KY 40701

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. 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.**

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<p>1. Article Addressed to:</p> <p>Joseph Michael and Arbutis Faye Antonikowski 192 OLD Barbourville Raod Corbin, KY 40701</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7006 2150 0005 6274 8694</p>

February 2, 2007

Vandora Belew
391 Right Fork E Creek Rd.
Corbin, KY 40701

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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

Please refer to case number 2007-00042 in your correspondence.

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<p>1. Article Addressed to:</p> <p>Vandora Belew 391 Right Fork E Creek Rd. Corbin, KY 40701</p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7006 2150 0005 6274 8700</p>

February 2, 2007

Martha Jane Barton
630 E. Fork Rd.
Corbin, KY 40701

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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

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

Please refer to case number 2007-00042 in your correspondence.

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>Judy Barton</i>
1. Article Addressed to: Martha Jane Barton 630 E. Fork Rd. Corbin, KY 40701	B. Received by (Printed Name) C. Date of Delivery <i>Judy Barton 2-5-07</i>
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below: <i>630 Right Fork East Creek Rd. Corbin, Ky. 40701</i>
PS Form 3811, February 2004	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7006 2150 0005 6274 8717

February 2, 2007

Earl and Nancy Johnson
P.O. Box 710
Corbin, KY 40702

Public Notice

Bluegrass Wireless LLC is a Kentucky limited liability Company that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for over 15 years.

Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location is attached.

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

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

Please refer to case number 2007-00042 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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Track & Confirm

Track & Confirm

Search Results

Label/Receipt Number: **EV82 2884 398U S**
Status: **Delivered**

Your item was delivered at 9:57 AM on February 5, 2007 in CORBIN, KY 40701. The item was signed for by E JOHNSON.

Track & Confirm

Enter Label/Receipt Number.

[Additional Details >](#)

[Return to USPS.com Home >](#)

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. [Go >](#)

Proof of Delivery

Verify who signed for your item by email, fax, or mail. [Go >](#)



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Dinsmore & Shohl LLP
ATTORNEYS
Carrie Justice
513-977-8457
carrie.justice@dinslaw.com

February 2, 2007

Via Certified Mail
7006 2150 0005 6274 8212
Honorable J. M. Hall
Knox County Judge Executive
Courthouse
Court Square
P.O. Box 173
Barbourville, Kentucky 40906

RE: Public Notice - Public Service Commission of Kentucky
Case No. 2007-00042

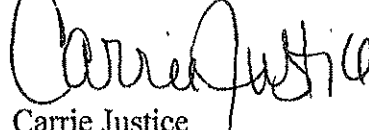
Bluegrass Wireless is applying to the Public Service Commission of Kentucky (the Commission") for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #11 in Knox County. The facility will include a 240 foot tower and an equipment shelter to be located at 155 Old Barbourville Road, Corbin, Knox County, Kentucky, 40701. A map showing the location of the proposed new facility is enclosed.

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

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to case number 2007-00042 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP


Carrie Justice
Paralegal

enclosure

cdj

1347722v1
33597-15

255 East Fifth Street, Suite 1900 Cincinnati, OH 45202
513.977.8200 513.977.8141 fax www.dinslaw.com

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:

Honorable J. M. Hall
Knox County Judge Executive
Courthouse, Court Square
P.O. Box 173
Barbourville, Kentucky 40906

2. Article Number
(Transfer from service label)

PS Form 3811, February 2004

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x [Signature] Agent Addressee

B. Received by (Printed Name) *Darren K West* C. Date of Delivery *02/05/07*

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

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

4. Restricted Delivery? (Extra Fee) Yes

7006 2150 0005 6274 8212

Domestic Return Receipt

102595-02-M-1540

PUBLIC NOTICE

Blawiepsa Services LLC
Pursuant to
Contract # 2007-00042
Contract # 2007-00042

TOWER

that this site if you have any
questions please contact:

Blawiepsa Services LLC
Attn: [Name]
[Address]
[City, State, Zip]

Please refer to P.S.C.

Case #2007-00042
in your correspondence

PUBLIC NOTICE

Bluegrass Wireless LLC
proposes to
construct a cellular
communications

TOWER

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

Bluegrass Wireless LLC
P.O. Box 5011
2902 Ring Road
Columbia, NY 12701

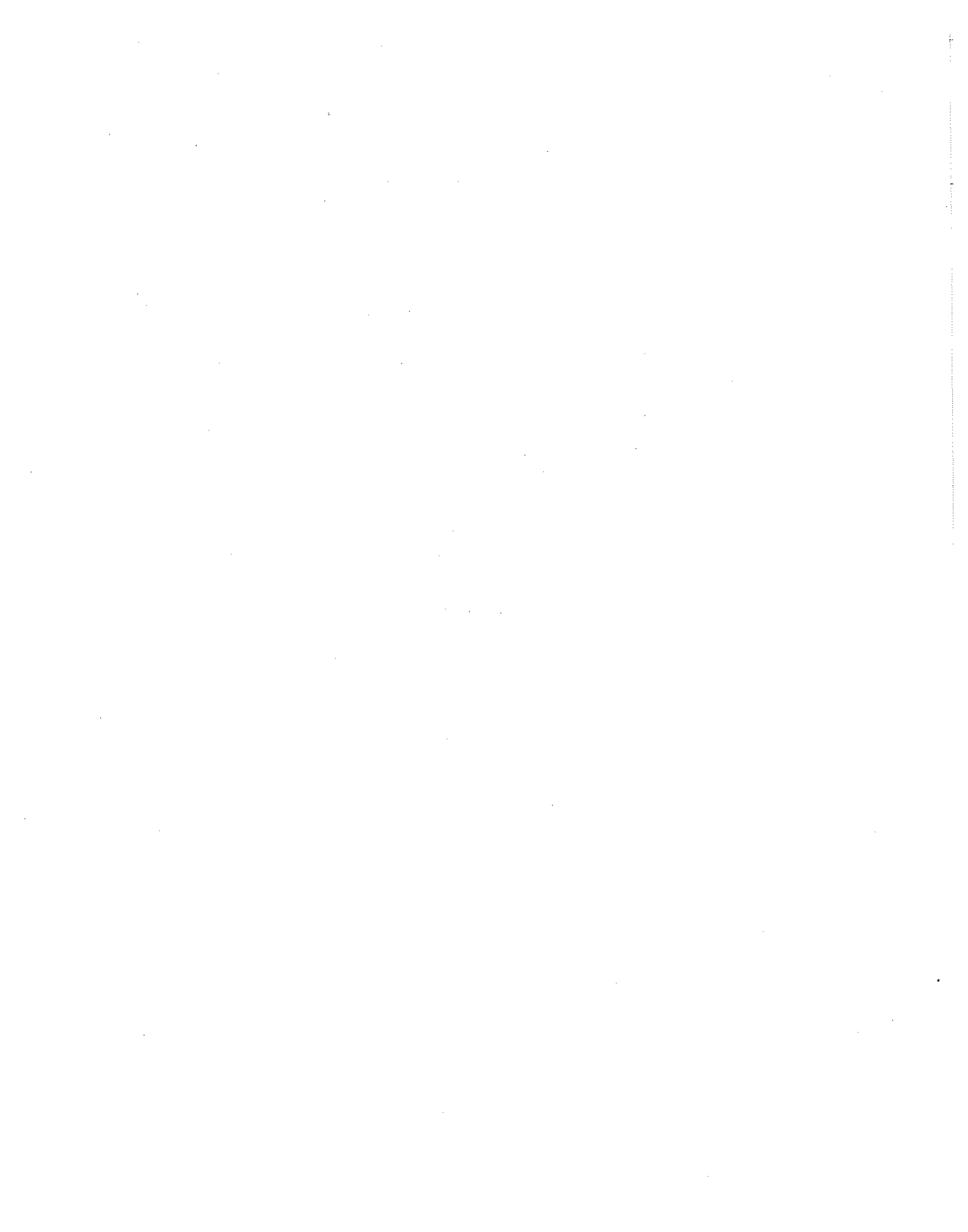
Environmental Director,
Public Service Commission
201 County Building
P.O. Box 815
Barnesville, NY 13024

Please refer to P.S.C.

Case #2007-00042

in your correspondence.

LEASE CLIP



Barbourville Mountain
The Advocate

P.O. BOX 190 • 214 KNOX STREET • BARBOURVILLE, KY 40906
PHONE (606) 546.9225 • FAX (606) 546.3175

NEWSPAPER AFFIDAVIT

I, Wanda Blevins
of The Barbourville Mountain Advocate newspaper, published at Barbourville, Kentucky, and having the largest general circulation of any newspaper in Knox County, Kentucky, do hereby certify that from my own knowledge and a check of the files of this newspaper that the advertisement of Notice Certificate of Public Convenience & Necessity for Bluegrass Wireless LLC was inserted in The Barbourville Mountain Advocate on the following dates:

Date <u>Feb. 8-07</u>	Page <u>4B</u>	Column <u>9</u>
Date <u>Feb. 15-07</u>	Page <u>5B/6B</u>	Column <u>9/1</u>
Date _____	Page _____	Column _____
Date _____	Page _____	Column _____

Signature Wanda Blevins

Subscribed and sworn to before me by Wanda Blevins
this 16th day of Feb, 2007.

Notary Public Lillie Carus
My commission expires 11-16-09

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16, 2007
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Gray, KY
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ster Phipp's
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line N 52

which bond shall be payable to the Master Commissioner and shall bear interest at the rate of 12% per annum from the date thereof until paid. The bond shall have the full force and effect of the judgment, and should execution be issued thereon, no replevy shall be allowed. A lien shall exist and be retained by the Master Commissioner of the property sold under this judgment as security for the purchase money.

The purchaser shall be required to assume and pay all taxes or assessments upon the property for the current tax year and all subsequent years. All taxes or assessments upon the property for prior years shall be paid from the sale proceeds if properly claimed in writing and filed of record by the purchaser prior to payment of the purchase price.

If any property does not bring 2/3 of the appraised value then a one year right of redemption exists.

PAUL BAKER
MASTER COMMIS-
SIONER

Dated this the
29th day of January,
2007.

**COMMONWEALTH
OF KENTUCKY
27TH JUDICIAL CIR-
CUIT
KNOX CIRCUIT
COURT
DIVISION I
CASE NO: 06-CI-
514**

**PHH MORTGAGE
CORPORATION,
PLAINTIFF,
VS.
RUTH SKINNER**

tom warden's cor-
ner, the beginning
containing 1/2 acre,
more or less.

Also: Being Lot
#8, #9, and #10 in
Block "B" in
Subdivision known
as the Golden gate
Division. Depth of
lots 178', 186' 172,
and width of lots 25
feet.

Being the same
property conveyed to
Ruth A. Skinner, no
marital status given,
from Henrietta
Hendrickson, a sin-
gle woman, by deed
dated September
30, 2005 and
recorded on October
10, 2005 in Deed
Book 352, Page
557, Knox County
Clerk's office.

This property will
be sold for cash or
Ten percent (10%)
down with Sixty (60)
days to pay balance
at the option of the
purchaser. Unless
the purchaser so
elects to pay cash,
the purchaser of the
property so sold
shall give bond for
the purchase price
with good surety
approved by the
Master
Commissioner in
making the sale,
which bond shall be
payable to the
Master
Commissioner and
shall bear interest at
the rate of 12% per
annum from the date
thereof until paid.
The bond shall have
the full force and
effect of the judg-
ment, and should
execution be issued
thereon, no replevy
shall be allowed. A
lien shall exist and
be retained by the
Master
Commissioner of the
property sold under
this judgment as
security for the pur-

Facilities Plan. The
Forum will be held on
Thursday, February
15, 2007 at the
Board Room of the
Barbourville City
Schools' Administrative
offices at 12:00
noon local time.
Immediately follow-
ing this informal ses-
sion, the Local
Planning Committee
will convene a meet-
ing for the purpose
of discussing items
concerning the
District Facilities
Plan.

2411c

ANNOUNCEMENT

The Knox County
Board of Education
will receive
Proposals from qual-
ified
Architect/Engineer
firms for design ser-
vices.

The intended pro-
ject is: Girdler
Elementary School
Renovation and
Addition Project.

Interested and
qualified firms can
receive a copy of the
official Request for
Proposals (RFP) by
submitting a one-
page letter of inter-
est to: Walter T.
Hullett,
Superintendent.

The Owner will not
retain the services of
a Construction
Manager for this pro-
ject and if so will
involve that entity in
both the design and
construction phases
of the work.

An authorized rep-
resentative of the
School Board will
receive A/E
Proposals

Until 4:00 P.M.
on February 16,
2007. Proposals
received after this
date will not be
accepted.

Proposals shall be
submitted only on
the form of proposal

Bluegrass
Wireless LLC is
applying to the Public
Service Commission
of Kentucky for a
Certificate of Public
Convenience and
Necessity to con-
struct and operate a
new facility to pro-
vide cellular radio
telecommunications
service in rural ser-
vice area #11 of the
Commonwealth of
Kentucky (Siler Cell
Site). The facility is a
240 foot tower and
an equipment shel-
ter to be located at
155 Old Barbourville
Road, Corbin, Knox
County, Kentucky
40701. Your com-
ments and requests
for intervention
should be addressed to:
Executive
Director's Office,
Public Service
Commission, Post
Office Box 615, 211
Sower Boulevard,
Frankfort, Kentucky
40602. Please refer
to Case No. 2007-
00042 in your corre-
spondence.

2412p

**PUBLIC (LEGAL)
NOTICE ADVERTISE-
MENT KNOX COUNTY
EMERGENCY PLAN-
NING COMMITTEE**

Pursuant to Section
324, Title III of the
Federal Superfund
Amendments And
Reauthorization Act
(SARA) of 1986 (PL 99-
499), the following
information is provided
in compliance with the
Community Right to
Know Requirements of
the SARA Law, and the
open meeting and
open records Provision
of Kentucky Revised
Statutes. Members of
the public may contact
the Knox County
Emergency Planning
Committee, at P.O. Box
1539 Barbourville,
Kentucky 40906, or by
calling 606-546-9722.
The Knox County
Emergency Planning


low income and/or first
 ents. A Masters Degree in
 preferred. For further
 is and other job postings
 ge please visit
 u/Admin/HR/Jobs.asp.
 al Opportunity Employer.
 re encouraged to apply.

Kentucky Farm Bureau Insurance seeks skilled sales professionals for independent agent opportunities in Knox County and other counties throughout Kentucky. We offer a competitive supplemental allowance program for newly contracted agents. Learn more and apply on-line today at www.kfbcareers.com Job #1053.

down with sixty (60)
 days to pay the bal-
 ance, the following
 described property
 located at 170
 Corbin Circle, Corbin,
 Kentucky 40701, to
 wit:
 Beginning at Tom

SIONER

2313p

 **NOTICE**
 Bluegrass
 Wireless LLC is
 applying to the Public

COURT OF JUSTICE
 27TH JUDICIAL DISTRICT
 In compliance with Section 4
 IS HEREBY GIVEN that the
 COURT
 Names & Address
 of Decedent or Ward

07-P-00001	Estil Swafford PO Box 264 Barbourville, Ky 40906
07-P-00002	Vergie Swafford PO Box 264 Barbourville, Ky 40906
07-P-00003	Ruth Ann Margaret Maloney & David 835 Stanford Ave Corbin, Ky 40701 1061 Ky
07-P-00006	Donald Taylor 426 Buffalo Branch Rd Corbin, Ky 40701
07-P-00012	Arless E Buell
07-P-00013	Laure Beatrice Logan

Hensley line to the
 place of BEGINNING.
 ALSO:
 A certain tract or
 parcel of land lying in
 Knox County,
 Kentucky, on Lynn
 Camp Creek and
 described as follows:
 BEGINNING on a
 concrete marker with
 the letter B and
 Barbourville, Ky 40906
 being a corner to the
 property of Gary
 Bennett; thence with
 the said Bennett line
 and a wire fence with
 the line of Dexter
 Bright in a
 Northeastward direc-
 tion 224 feet to a
 concrete marker with
 the letter B near a
 hickory tree and the
 corner of Luster
 Partin; thence with
 the line of Luster
 Partin a Westward
 direction 179 to a

annum from the date
 thereof until paid.
 The bond shall have
 the full force and
 effect of the judg-
 ment, and should
 execution be issued
 thereon, no reply
 shall be allowed. A
 lien shall exist and
 be retained by the
 City of
 Barbourville, Knox
 County, Kentucky to
 the highest bidder at
 public auction on
 Friday, March 2,
 2007 at the hour of
 1:00 p.m., or there-
 abouts, for cash or
 Ten percent (10%)
 down with Sixty (60)
 days to pay the bal-
 ance, the following
 property for the cur-
 rent tax year and all
 subsequent years.
 All taxes or assess-
 ments upon the
 property for prior
 years shall be paid

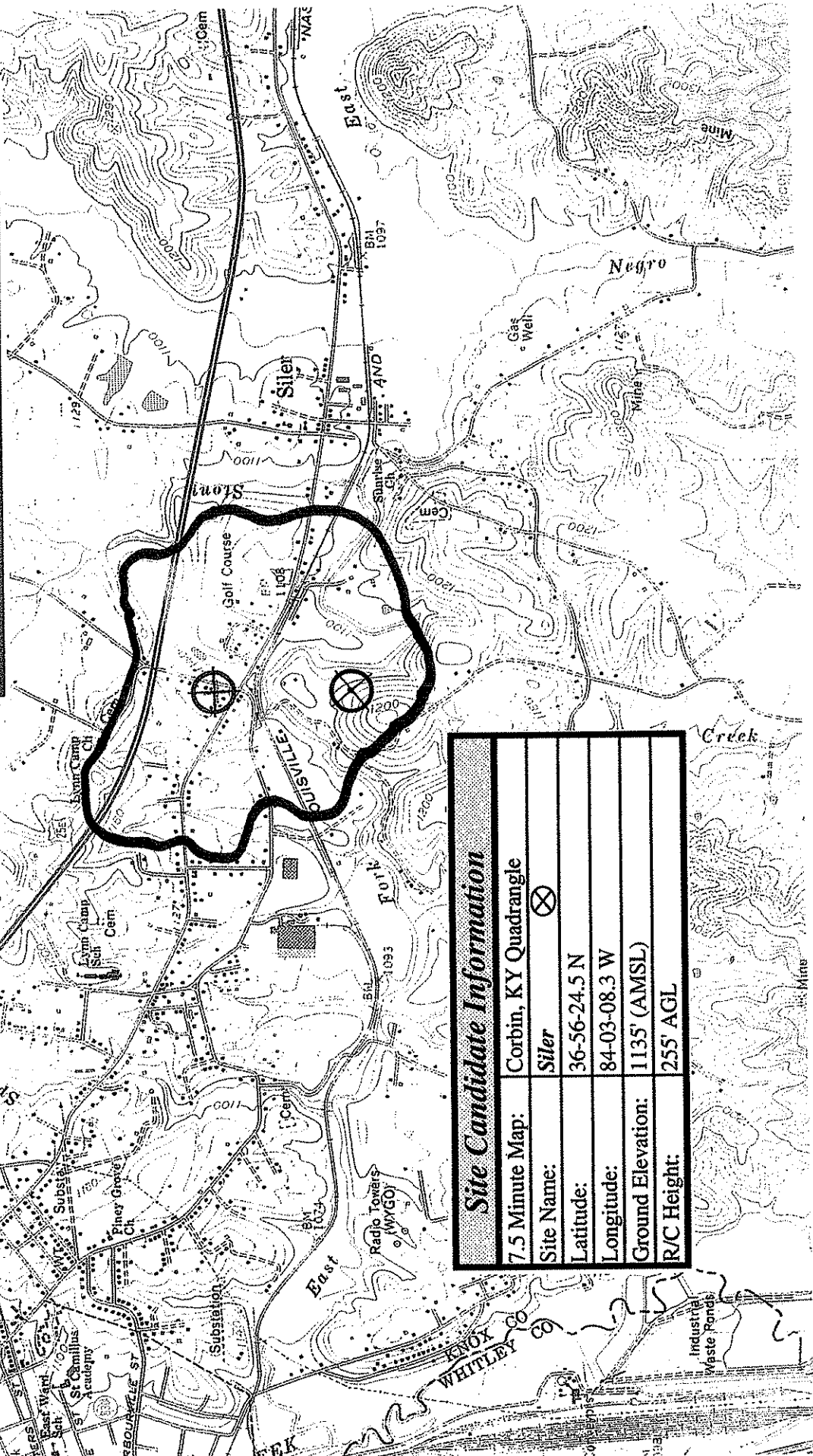
of what it will bring to
 raise the lien amount
 for ad-valorem taxes
 in the amount of
 \$66,079.10 togeth-
 er with charges,
 interest, and costs, I
 shall proceed to
 offer for sale at the
 courthouse door in
 the City of
 Barbourville, Knox
 County, Kentucky to
 the highest bidder at
 public auction on
 Friday, March 2,
 2007 at the hour of
 1:00 p.m., or there-
 abouts, for cash or
 Ten percent (10%)
 down with Sixty (60)
 days to pay the bal-
 ance, the following
 property for the cur-
 rent tax year and all
 subsequent years.
 All taxes or assess-
 ments upon the
 property for prior
 years shall be paid

Being the same
 land acquired by
 Lynn Cillis Bonza by
 Quitclaim Deed from
 Elioise Janice Bonza,
 dated July 5, 1989,
 and recorded in
 Deed Book 243,
 Page 604, Knox
 County Clerk's
 office.
 This property will
 be sold for cash or
 Ten percent (10%)
 down with Sixty (60)
 days to pay balance
 Frakes U.S.G.S. 7
 1/2 minute quadran-
 gle map.
 The application
 has been filed for
 public inspection at
 the purchaser of the
 property so sold
 shall give bond for
 the purchase price
 with good surety
 approved by the
 Dows chapel
 Road, Woodbine, Ky
 40771 in Knox

affected by the
 transfer.
 The operation
 is located 0.8 miles
 east of Rain in Knox
 County. The opera-
 tion is approximately
 3.2 miles east from
 KY 1809's junction
 with Golden Creek
 Road and located
 2.3 miles east of
 Bob Bray Mountain
 on Runyon Branch.
 The operation is
 located on the
 Frakes U.S.G.S. 7
 1/2 minute quadran-
 gle map.
 The application
 has been filed for
 public inspection at
 the purchaser of the
 property so sold
 shall give bond for
 the purchase price
 with good surety
 approved by the
 Dows chapel
 Road, Woodbine, Ky
 40771 in Knox

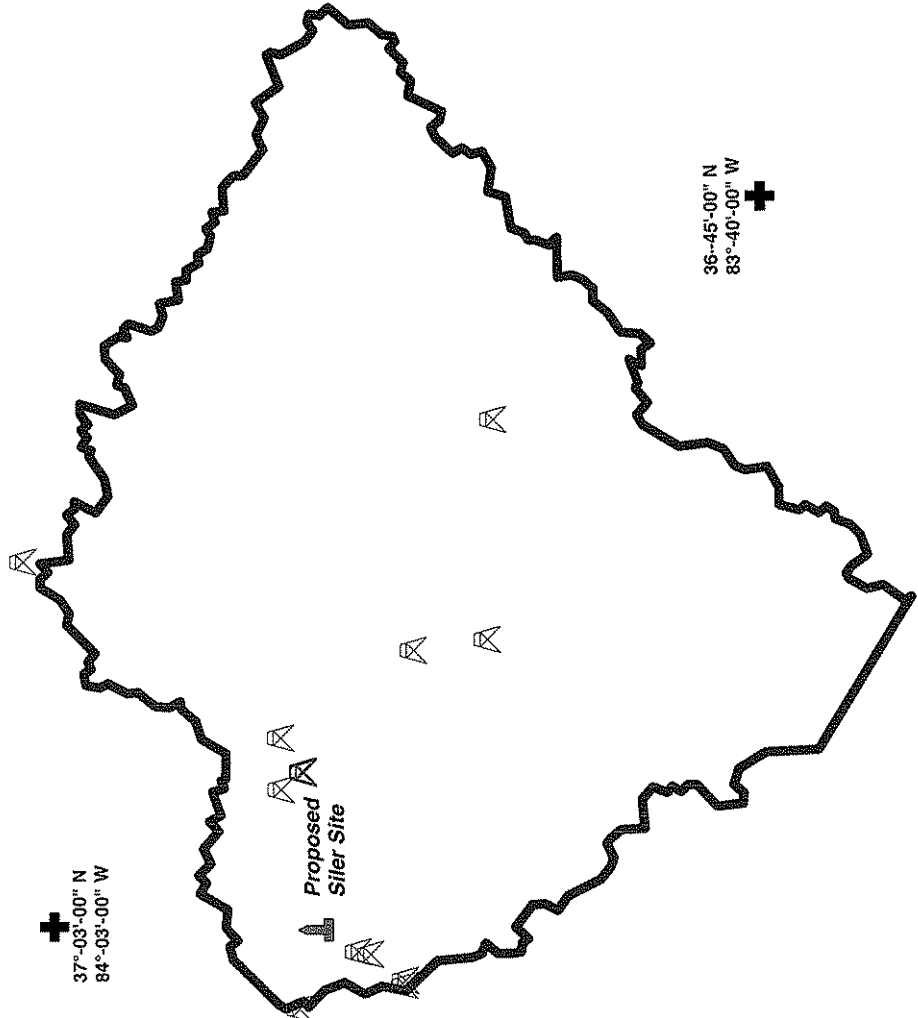
Search Area Map

7.5 Minute Map:	Corbin, KY Quadrangle
Site Name:	Siler
Latitude:	36-56-43 N
Longitude:	84-03-08 W
Ground Elevation:	1140' (AMSL)
R/C Height:	220' AGL
Note:	Minimum GE is 1120 ft AMSL



Site Candidate Information

7.5 Minute Map:	Corbin, KY Quadrangle
Site Name:	Siler
Latitude:	36-56-24.5 N
Longitude:	84-03-08.3 W
Ground Elevation:	1135' (AMSL)
R/C Height:	255' AGL



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

Prepared By: LINGS Engineering 2/6/2007

**Information on Constructed Towers Registered with the FCC
in Knox County and 1/2 mile Area Outside of the County Boundary**

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1003734	36-56-49.5	84-5-38.9	Corbin, KY	American Towers, Inc.
1043525	36-54-8	84-4-45	Woodbine, KY	Encore Communication
1043526	36-54-9	84-4-55	Woodbine, KY	Encore Communication DBA = FM
1043528	36-57-15	83-58-42	Gray, KY	Eubanks Realty CORP
1043634	36-53-51	83-54-19	Barbourville, KY	Litchfield County Cellular, INC. DBA = RAMCELL OF KENTUCKY
1043805	36-51-58.8	83-53-58.9	Barbourville, KY	NEW CINGULAR WIRELESS PCS, LLC
1044808	36-56-42	83-58-7	Gray, KY	KENTUCKY, COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEM KEWS
1052499	36-57-14.8	83-57-4.2	Gray, KY	NEW CINGULAR WIRELESS PCS, LLC
1201943	37-3-42.3	83-51-27.7	Manchester, KY	London Radio Service, Inc
1231917	36-56-40.6	83-58-8.7	Corbin, KY	C&C TOWER RENTAL
1244654	36-55-0.6	84-3-55.6	Corbin, KY	C&C Tower Rental,LLC
1246043	36-51-46.9	83-47-1.8	Flat Lick, KY	NEW CINGULAR WIRELESS PCS, LLC
1247122	36-55-19.4	84-3-50.4	Corbin, KY	NEW CINGULAR WIRELESS PCS, LLC
1256124	36-56-41.8	83-58-11	Gray, KY	American Towers, Inc.