

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

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**PUBLIC SERVICE
COMMISSION**

In the Matter of:

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

CASE NO. 2006-00434

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

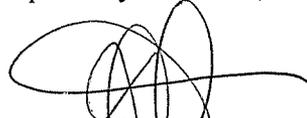
25. Correspondence and communication with regard to this application should be addressed to:

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

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

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

Respectfully submitted,



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

Sycamore Flat III - Kentucky

**LUKAS, NACE,
GUTIERREZ & SACHS**

CHARTERED

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

WWW.FCCLAW.COM

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

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

*NOT ADMITTED IN VA

October 6, 2006

Via Federal Express

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

Dear Mr. Houlihan:

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

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

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

Sincerely,

Leila Rezanavaz
Leila Rezanavaz

Consulting Engineer

Enclosures

CC: Scott McCloud

(703)584-8668

FACSIMILE

(703) 584-8692

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

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

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

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

9. Latitude: 37 ° 7 ' 44 . 7 "

10. Longitude: 85 ° 2 ' 39 . 7 "

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

12. Nearest Kentucky City Russell Sprgs County: Russell

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

14. Distance from #13 to Structure: 8.8 Miles

15. Direction from #13 to Structure: NNE

16. Site Elevation (AMSL): 1063 Feet

17. Total Structure Height (AGL): 255 Feet

18. Overall Height (#16 + #17) (AMSL): 1318 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:
309 Damron Creek Spur Road
Russell Springs, KY 42642

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

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

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

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

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

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

7. Marking/Painting and/or Lighting Preferred:

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

8. FAA Aeronautical Study Number 2006-ASO-5873-OE

21. Description of Proposal:

Structure: Tower including top-mounted antennas with overall height of 255' AGL.
Frequency Band: Cellular Band B
Max. ERP: 200 Watts

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

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

Leila Rezanavaz / Consulting Engineer Leila Rezanavaz 10/06/2006
Printed Name Signature Date

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

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

[] Approved [] Disapproved Date

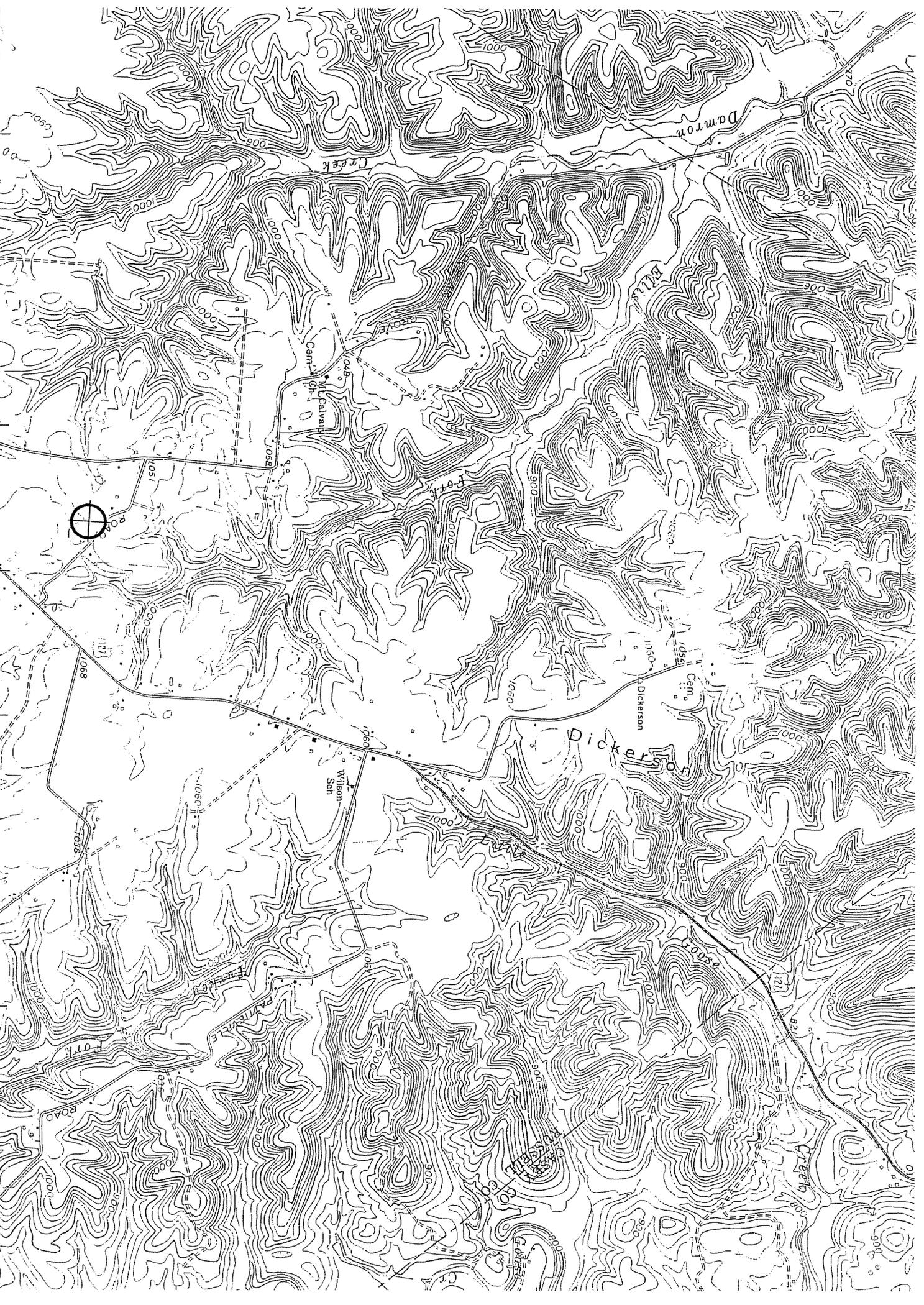
(RUSSSELL SPRINGS)
3958 II SE
SCALE 1:24000

673 JAMES TOWN II, T11, 2'30"

675

676 INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D. C.—1972
677000m E

ROAD CLASSIFICATION



BLUEGRASS CELLULAR

Sycamore Flat Site

1-A CERTIFICATION

September 22, 2006

Owner: Andrew L. and Anna Lou Antle
Address: 309 Damron Creek Spur Road
Russell Springs, KY 42642

USGS Quad: Dunnville

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	37°	07'	44.7"
Longitude	85°	02'	39.7"
Ground Elevation	1063		

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: BLUGR-000050903-06

Sponsor: Blugrass Cellular, Inc.

Details for Case : Sycamore Flat-3

Show Project Summary

Case Status

ASN: 2006-ASO-5873-OE

Date Accepted: 10/05/2006

Status: Accepted

Date Determined:

Letters: None

Construction / Alteration Information

Notice Of: Construction

Duration: Permanent

if Temporary : Months: Days:

Work Schedule - Start: 11/25/2006

Work Schedule - End: 11/30/2006

State Filing: Filed with State

Structure Summary

Structure Name: Sycamore Flat-3

Structure Type: Antenna Tower

Other :

FCC Number:

Prior ASN:

Structure Details

Latitude: 37° 7' 44.7" N

Longitude: 85° 2' 39.7" W

Horizontal Datum: NAD83

Site Elevation (SE): 1063 (nearest foot)

Structure Height (AGL): 255 (nearest foot)

Marking/Lighting: Dual-red and medium intensity

Other :

Nearest City: Russell Springs

Nearest State: Kentucky

Traverseway: No Traverseway

Description of Location: Site is located at:
309 Damron Creek Spur Rd
Russell Springs, KY 42642

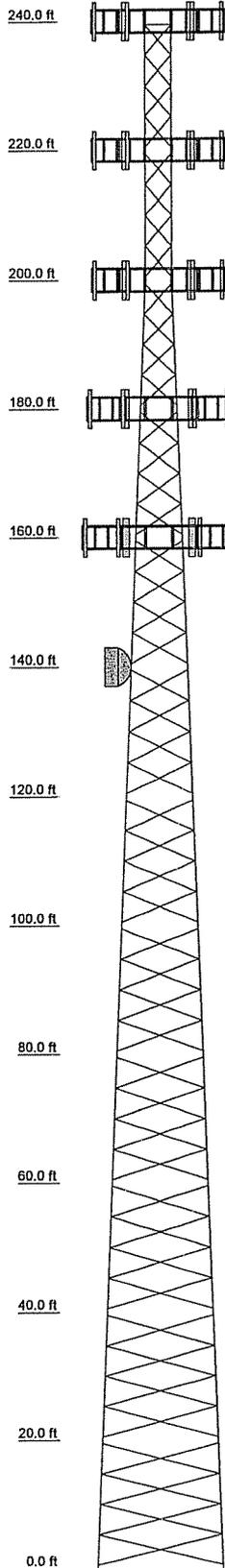
Description of Proposal: Tower including top-mounted antenna will have an overall height of 255'.

Common Frequency Bands

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

Specific Frequencies

Section	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	SR 4	SR 3 3/4	SR 3 1/2	SR 3 1/4	SR 3 1/4	SR 3	SR 2 3/4	SR 2 1/2	SR 2 1/4	SR 1 3/4		
Leg Grade	L3 1/2x3 1/2x1/4	L3x3x3/16	L2 1/2x2 1/2x3/16	A572-50								
Diagonals	L3x3x1/4	L3x3x3/16	L2 1/2x2 1/2x3/16	A36								
Diagonal Grade			N.A.									
Top Girts												L1 3/4x1 3/4x3/16
Face Width (ft)	17.5	16	14.5	13	11.5	10	8.5	7	5.5			
# Panels @ (ft)												
Weight (K)	32.5	5.2	3.7	3.0	2.9	2.5	2.0	1.6	1.2	0.9		



DESIGNED APPURTENANCE LOADING

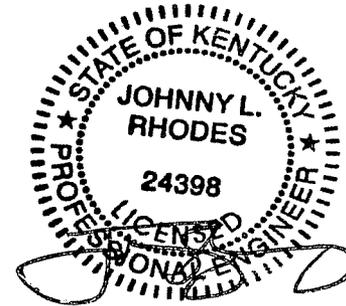
TYPE	ELEVATION	TYPE	ELEVATION
(6) D100-0042-0041	240	(6) RWB 80014/120 (Future)	180
Lightning Rod 1"x10' (Initial)	240	(3) T frame sector Mount (Future Carrier 3)	180
Flash Beacon Lighting (Initial)	240	(6) RWB 80014/120 (Future)	160
(3) T frame sector Mount (Initial)	240	(3) T frame sector Mount (Future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

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

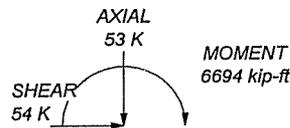
1. Tower is located in Russell County, Kentucky.
2. Tower designed for Exposure B to the TIA-222-G Standard.
3. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
4. Deflections are based upon a 60 mph wind.
5. Tower designed as Structure Class I
6. Tower designed as Topo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



10/16/06

MAX. CORNER REACTIONS AT BASE:

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



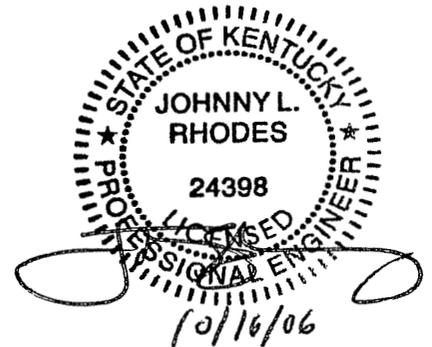
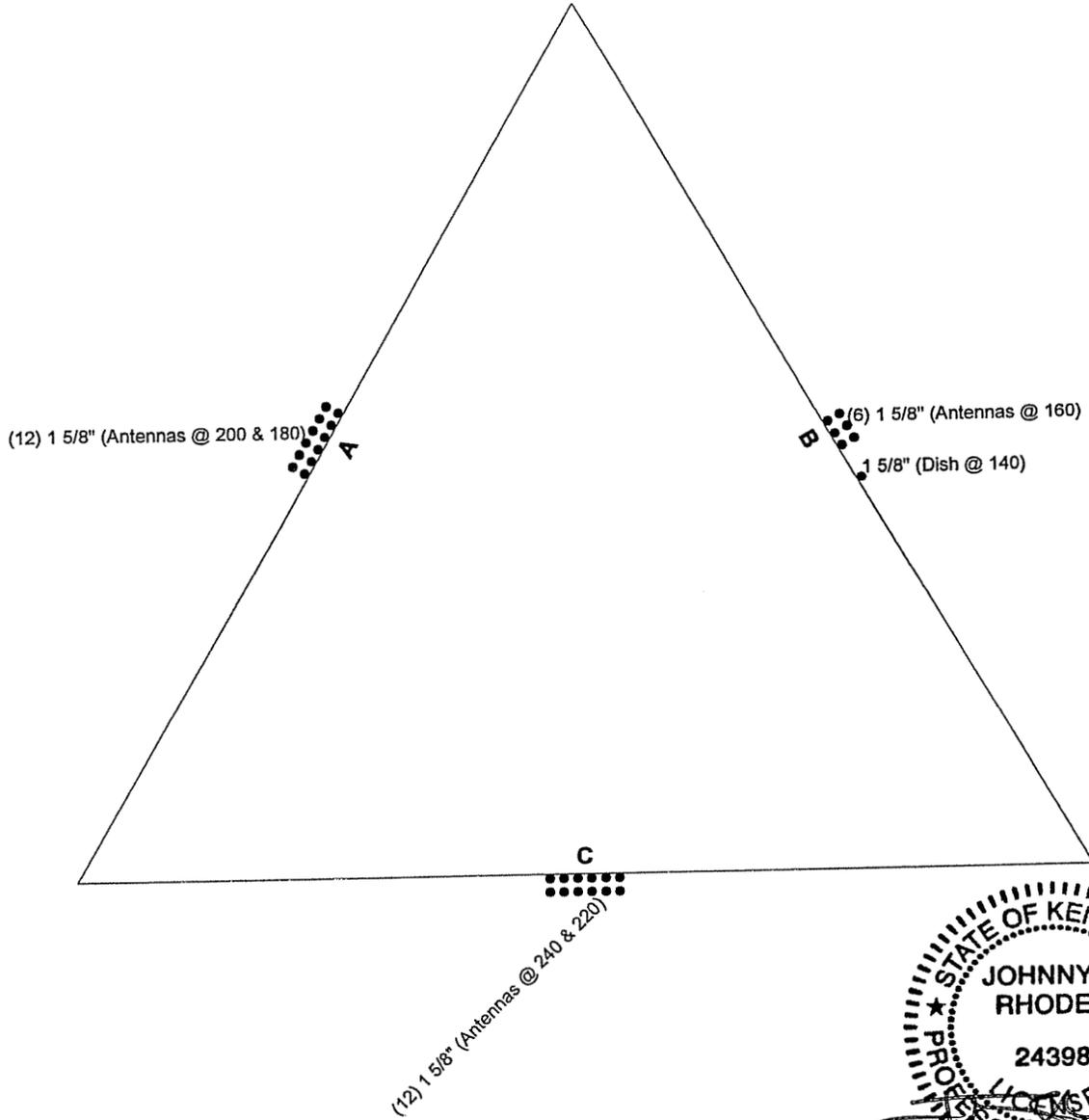
TORQUE 7 kip-ft
 REACTIONS - 90 mph WIND

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

Job: EII Job #2171--Sycamore Flat			
Project: 240' SST/Russell County, KY			
Client: Bluegrass Cellular	Drawn by: Johnny L. Rhodes, P.E.	App'd:	
Code: TIA-222-G	Date: 10/16/06	Scale: NT	
Path:	Dwg No. E		

Z:\Drawings\Drawings\Jobs\100-21992\17\Final Tower Design 10-16-06\240sst.dwg

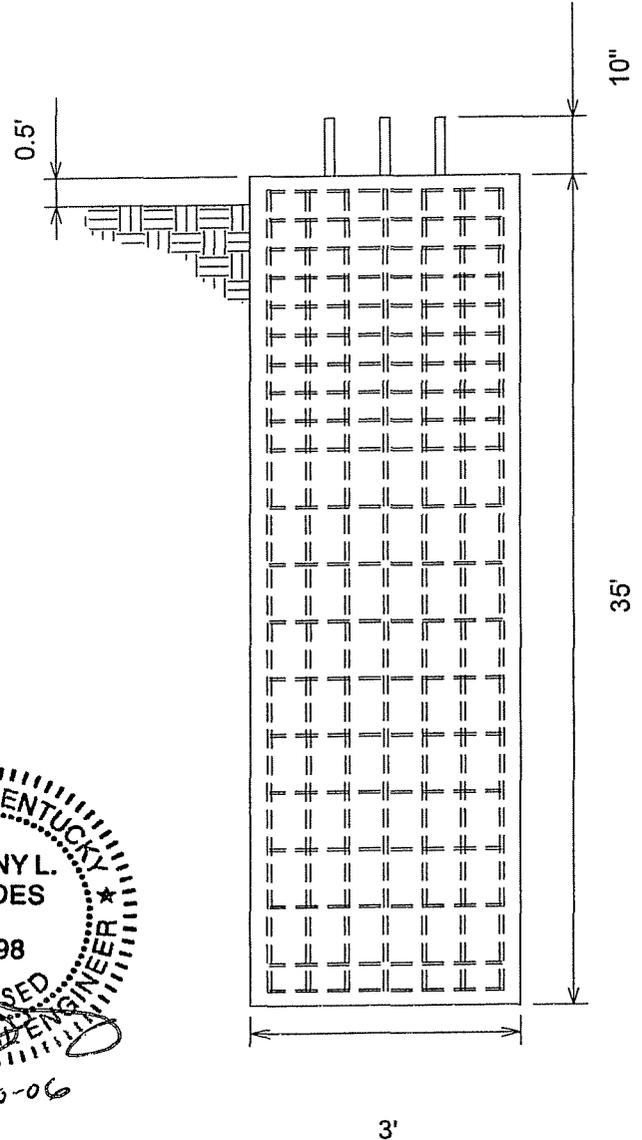
Feedline Plan



Eastpointe Engineering Group, LLC 4020 Tull Ave. Muskogee, OK 74403 Phone: 918.683.2169 FAX: 918.682.7618	Job: EII Job #2171-Sycamore Flat		
	Project: 240' SST/Russell County, KY		
	Client: Bluegrass Cellular	Drawn by: Johnny L. Rhodes, P.E.	App'd:
	Code: TIA-222-G	Date: 10/16/06	Scale: N
	Path: z:\Drafting\Drawings\Jobs\2100-2192\17\Final Tower Design 10-16-06\240s1.dwg		Dwg No.

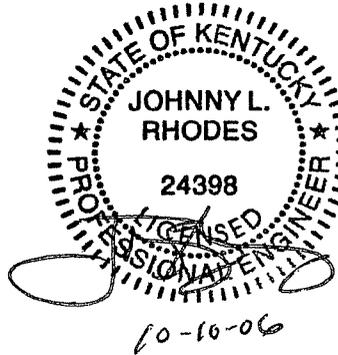
CAISSON DESIGN

Vertical Bars	(12) #9 bars, 34.5' long
Ties	#5 bars @ 6" c/c for the first 6.5' then 12" c/c thereafter



General Notes

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



Supplemental Notes

Soil values obtained from Terracon soils report #57067542G Dated 10/11/06
 Use (6) 1 1/2" Grade 50 Anchor bolts with 60" embedment.

EASTPOINTE ENGINEERING GROUP, LLC

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

Client: **Bluegrass Cellular**

Site: **Sycamore Flat**

Job: 2171 Drawn by: JLR

Scale: NTS Date: 10/16/06

GEOTECHNICAL ENGINEERING REPORT
SYCAMORE FLAT TELECOMMUNICATION TOWER
309 DAMRON CREEK SPUR ROAD
RUSSELL SPRINGS, KENTUCKY

TERRACON PROJECT NO. 57067542G
October 11, 2006

Prepared For:

BLUEGRASS CELLULAR
Elizabethtown, Kentucky

Prepared by:

Terracon
Louisville, Kentucky

Terracon

October 11, 2006

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42702

Attention: Mr. Doug Updegraff

**Re: Geotechnical Engineering Report
Sycamore Flat Telecommunication Tower
309 Damron Creek Spur Road
Russell Springs, Kentucky
Terracon Project No. 57067542G**

Terracon
Consulting Engineers & Scientists

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

Dear Mr. Updegraff:

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

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

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

Sincerely,
Terracon


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

Timothy G. LaGrow, P.E.
Regional Manager

n:\projects\2006\towers\57067542SycamoreFlat\geo57067542G.doc

Attachments: Geotechnical Engineering Report

Copies: (4) Addressee

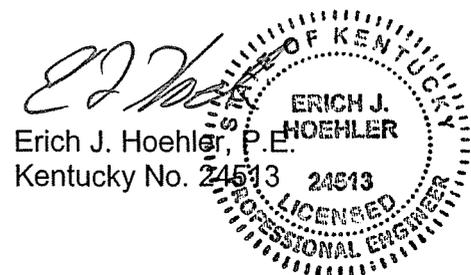


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Boring Location Plan	
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General Notes – Description of Rock Properties	
Unified Soil Classification System	

on or within the limestone bedrock and designed using the above parameters is not anticipated to exceed ½ inch.

The upper 3 feet of topsoil and sand 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 design drawings. Bedrock was encountered in our boring below a depth of about 32 feet, but could vary within the drilled pier diameter, between tower legs, or if the tower is moved from the location of our boring. Considering the site geology, variable rock depths should be anticipated if the tower location is moved from the location of the boring. If the tower center is moved from the planned location, Terracon should be notified to review the recommendations and determine whether an additional boring is required. To facilitate pier length adjustments that may be necessary because of variable rock conditions, it is recommended that a Terracon representative observe the drilled pier excavation.

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 will likely be required during the pier excavation in order to control possible groundwater seepage and support the sides of the excavation in weak soil zones. Care should be taken so that the sides and bottom of the excavations are not disturbed during construction. The bottom of the shaft should be free of loose soil or debris prior to reinforcing steel and concrete placement.

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

5.2 Equipment Building Foundations

The proposed equipment shed may be supported on shallow footings bearing on stiff natural soils. The equipment building foundations should be dimensioned using a net allowable soil bearing pressure of 1,000 pounds per square foot (psf). In using net allowable soil pressures for footing dimensioning, the weight of the footings and backfill over the footings need not be considered. Furthermore, the footings should be at least 12 inches wide and a minimum of 2 feet square.

The geotechnical engineer or a qualified representative should observe the foundation excavations to verify that the bearing materials are suitable for support of the proposed loads. If, at the time of such observation, loose, soft, or unsuitable soils are encountered at the design foundation elevation, the excavations should be extended downward so that the footings rest on suitable soils. Based on the results of our boring, 2 to 4 feet of undercutting

should be expected. 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. *Stringent moisture control will need to be exercised to attain the desired compaction.* 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.

6.0 GENERAL COMMENTS

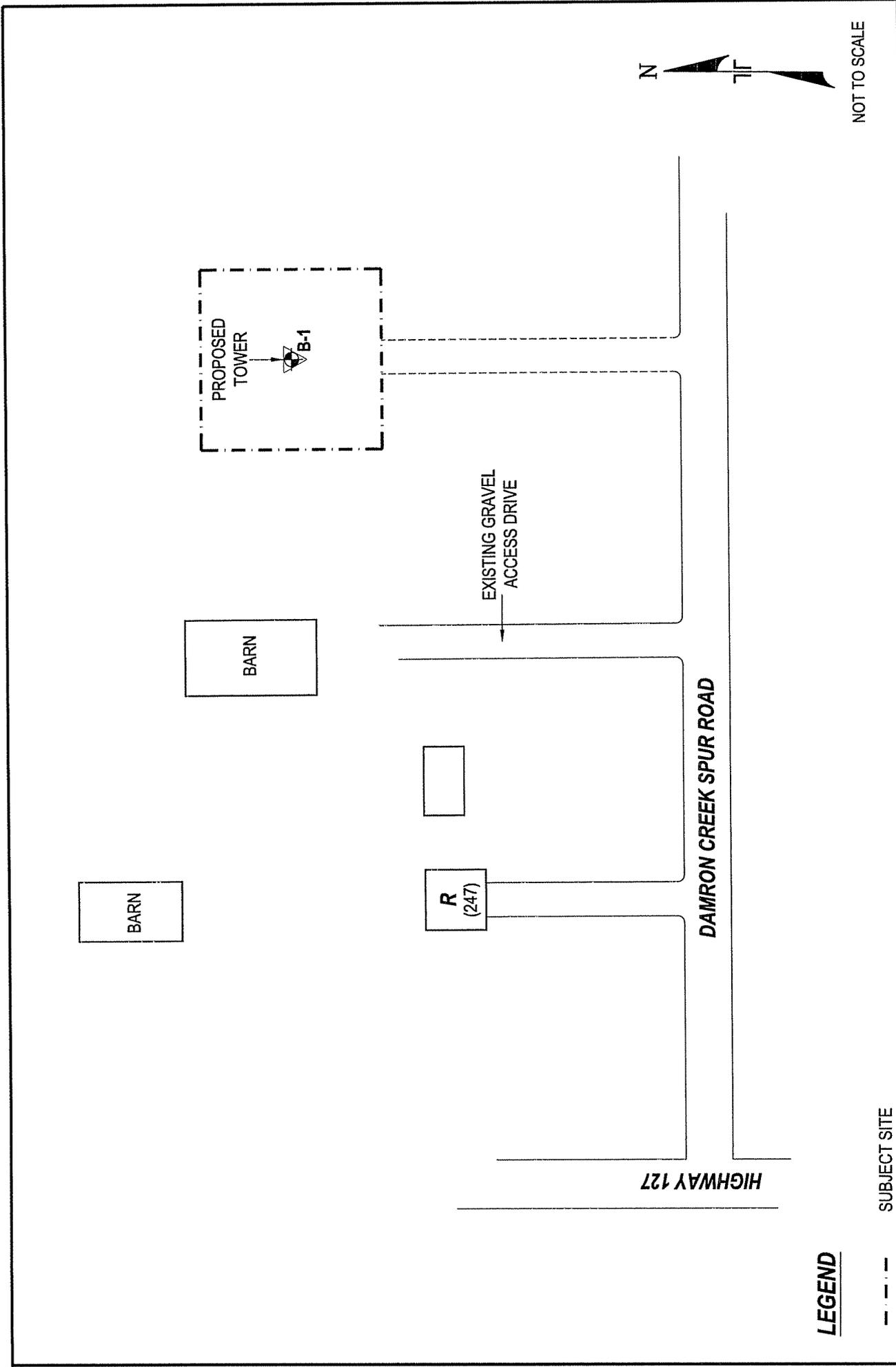
Terracon should be retained to review the final design plans and specifications so comments can be made regarding interpretation and implementation of our geotechnical recommendations in the design and specifications. Terracon also should be retained to provide testing and observation during excavation,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

- - - - - SUBJECT SITE
- [R] RESIDENCE
- ⊕ APPROXIMATE BORING LOCATION

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

Project Mgr:	TMH
Drawn By:	DWD
Checked By:	TMH/MRE
Approved By:	EH

Project No.	57067542G
Scale:	AS SHOWN
File No.	GEO 57067542G-1
Date:	SEPT 2006

Terracon
 Consulting Engineers and Scientists
 4545 Bishop Lane, Suite 101
 Louisville, KY 40216
 (502) 456-1256

BORING LOCATION DIAGRAM	
GEOTECHNICAL ENGINEERING REPORT SYCAMORE FLAT 3 309 DAMRON CREEK SPUR ROAD	
FIG. No.	1

LOG OF BORING NO. B-1

CLIENT Bluegrass Cellular Partnership		PROJECT Proposed Sycamore Flat Telecommunication Tower							
SITE 309 Damron Creek Spur Road Russell Springs, Kentucky		PROJECT							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS		
				NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf
0.3	TOPSOIL CLAYEY SAND , brown, very loose	5	SC	1	SS	12	2	20	LL = 30 PL = 16 PI = 14
3.5	SANDY CLAY , brown & gray mottled, soft to very stiff	5	CL	2	SS	8	4	28	
	-with rock fragments below 8 feet	10	CL	3	SS	12	6	32	
		10	CL	4	SS	8	16	24	
13.5	SAND with rock fragments, orangish brown, medium dense (weathered sandstone)	15	SP	5	SS	8	28	16	
18.5	LEAN & SILTY CLAY with rock fragments, brown, medium stiff to very stiff	20	CL ML	6	SS	18	6	52	
		25	CL ML	7	SS	2	25	42	
		30	CL ML	8	SS	14	14	33	
32	Auger Refusal at 32 feet, Began Coring LIMESTONE , slightly weathered, closely jointed, medium gray, hard	35		9	DB	89%	RQD 66%		
42	Boring Terminated at 42 feet	40							

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

WATER LEVEL OBSERVATIONS, ft	
WL ∇ 3	WD ∇
WL ∇	∇
WL	



BORING STARTED	9-25-06
BORING COMPLETED	9-25-06
RIG CME-550	FOREMAN MW
APPROVED TMH	JOB # 57067542G

BOREHOLE 99 57067542G LOGS.GPJ TERRACON.GDT 10/11/06

GENERAL NOTES

DRILLING & SAMPLING SYMBOLS:

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

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

WATER LEVEL MEASUREMENT SYMBOLS:

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

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

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

CONSISTENCY OF FINE-GRAINED SOILS

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



GENERAL NOTES
Description of Rock Properties

WEATHERING

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

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

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

Joint, Bedding and Foliation Spacing in Rock^a

Spacing		Joints		Bedding/Foliation	
Less than 2 in.		Very close		Very thin	
2 in. – 1 ft.		Close		Thin	
1 ft. – 3 ft.		Moderately close		Medium	
3 ft. – 10 ft.		Wide		Thick	
More than 10 ft.		Very wide		Very thick	
Rock Quality Designator (RQD) ^b			Joint Openness Descriptors		
RQD, as a percentage	Diagnostic description	Openness	Descriptor		
Exceeding 90	Excellent	No Visible Separation	Tight		
90 – 75	Good	Less than 1/32 in.	Slightly Open		
75 – 50	Fair	1/32 to 1/8 in.	Moderately Open		
50 – 25	Poor	1/8 to 3/8 in.	Open		
Less than 25	Very poor	3/8 in. to 0.1 ft.	Moderately Wide		
		Greater than 0.1 ft.	Wide		

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

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

UNIFIED SOIL CLASSIFICATION SYSTEM

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

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

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

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

^CGravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

^DSands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay

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

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

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

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

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

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

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

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

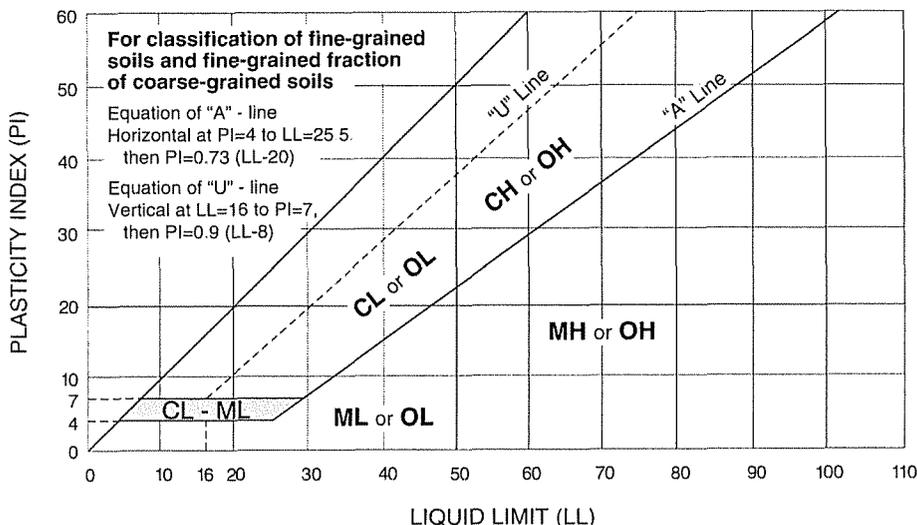
^MIf soil contains $\geq 30\%$ plus No. 200, predominantly gravel, add "gravelly" to group name.

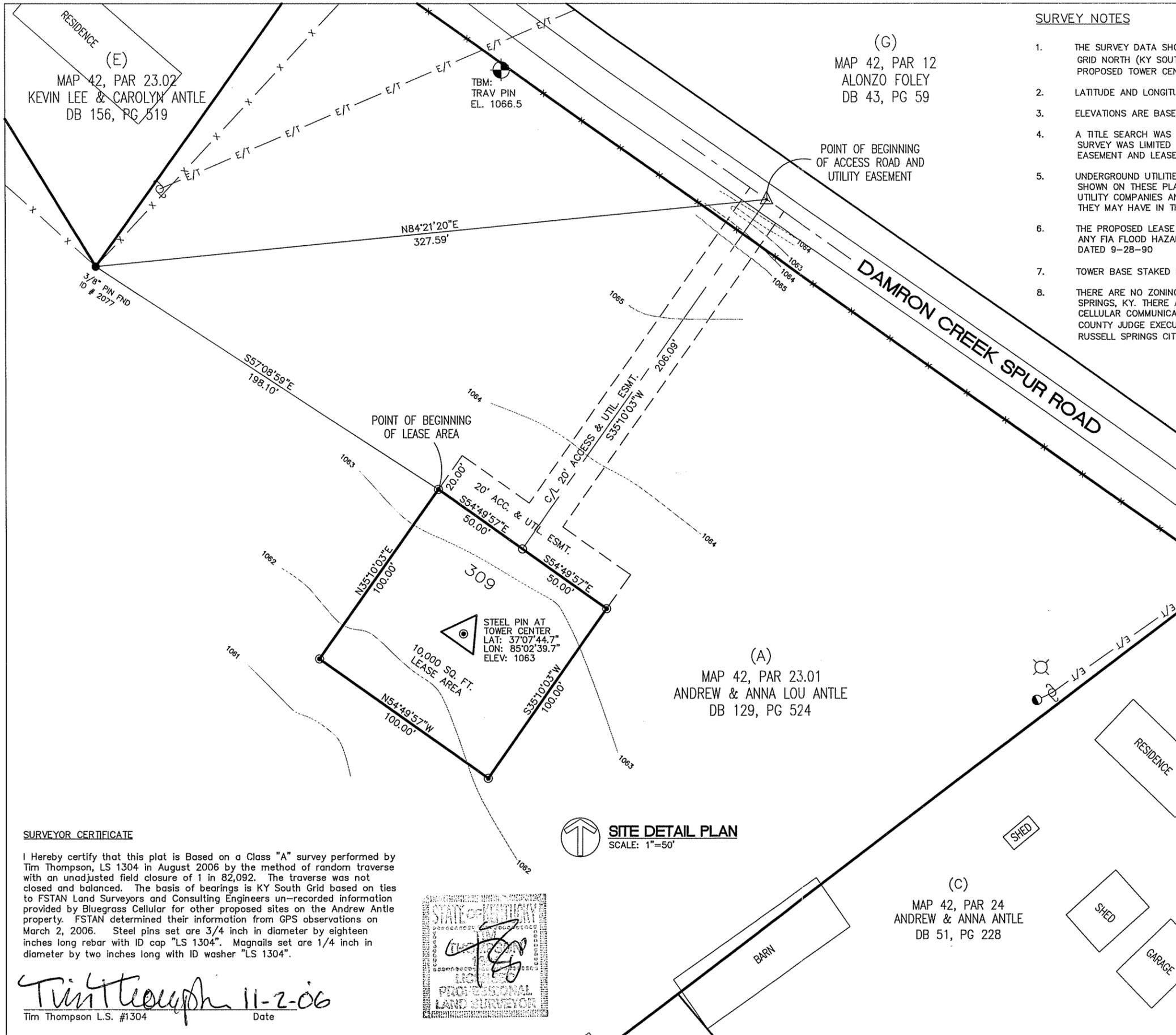
^N $PI \geq 4$ and plots on or above "A" line.

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

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

^Q PI plots below "A" line.





SURVEYOR CERTIFICATE

I Hereby certify that this plat is Based on a Class "A" survey performed by Tim Thompson, LS 1304 in August 2006 by the method of random traverse with an unadjusted field closure of 1 in 82,092. The traverse was not closed and balanced. The basis of bearings is KY South Grid based on ties to FSTAN Land Surveyors and Consulting Engineers un-recorded information provided by Bluegrass Cellular for other proposed sites on the Andrew Antle property. FSTAN determined their information from GPS observations on March 2, 2006. Steel pins set are 3/4 inch in diameter by eighteen inches long rebar with ID cap "LS 1304". Magnails set are 1/4 inch in diameter by two inches long with ID washer "LS 1304".

Tim Thompson 11-2-06
 Tim Thompson L.S. #1304 Date



SITE DETAIL PLAN
 SCALE: 1"=50'

SURVEY NOTES

1. THE SURVEY DATA SHOWN HEREON IS BASED ON STATE PLANE AND GRID NORTH (KY SOUTH ZONE). CONVERGENCE TO TRUE NORTH AT THE PROPOSED TOWER CENTER AS SHOWN IS 00°25'41" 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 MAY EXIST ON THIS SITE WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR 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 LIE WITHIN ANY FIA FLOOD HAZARD AREA. COMMUNITY PANEL #210205 0025B DATED 9-28-90
7. TOWER BASE STAKED FOR 19' LEG SPREAD.
8. THERE ARE NO ZONING RESTRICTIONS OUTSIDE THE CITY LIMITS OF RUSSELL SPRINGS, KY. THERE ARE NO REQUIREMENTS OR APPROVALS NECESSARY FOR A CELLULAR COMMUNICATION TOWER FACILITY. COUNTY JUDGE EXECUTIVE OFFICE: (270) 343-2112 RUSSELL SPRINGS CITY HALL: (270) 866-3981

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

PROPERTY

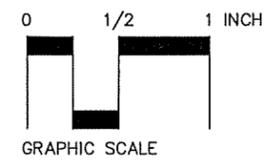
ANDREW L. & ANNA LOU ANTLE
 DEED BOOK 129, PAGE 524

ELECTRIC SERVICE

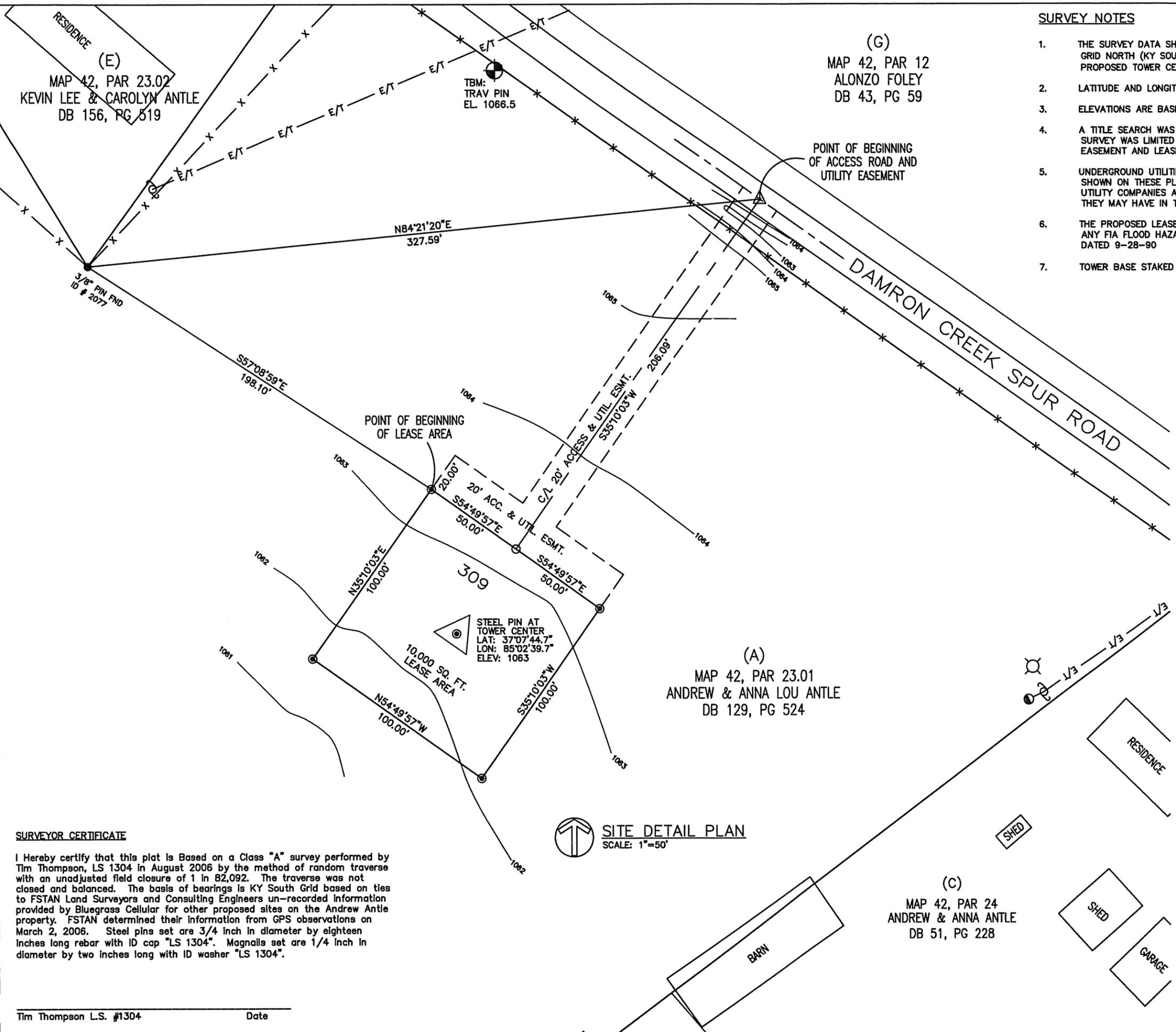
SOUTH KENTUCKY RECC
 PO BOX 910
 SOMERSET, KY 42502
 (606) 678-4121

TELEPHONE SERVICE

DUO COUNTY TELEPHONE
 2150 N. HWY 127
 RUSSELL SPRINGS, KY 42642
 (270) 343-3131



<p>BLUEGRASS CELLULAR</p> <p>2902 RING ROAD ELIZABETHTOWN, KY 42701 PHONE: (270) 769-0339 FAX: (270) 737-0580</p>	<p>CELLULAR COMMUNICATION TOWER SITE SURVEY BLUEGRASS CELLULAR</p> <p>NAME: SYCAMORE FLAT NO:</p> <p>ANDREW and ANNA ANTLE PROPERTY 309 DAMRON CREEK SPUR ROAD RUSSELL SPRINGS, RUSSELL CO., KY 42642</p>	<p>TIM THOMPSON Professional Engineer Land Surveyor</p> <p>232 Henton Court Versailles, KY 40383 (859) 873-5252 FAX (859) 873-2525</p> <p>FILE: SYCAMORE_FLAT.DWG DATE: NOV. 2, 2006</p> <p>SHEET 2 OF 2</p>
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SURVEY NOTES

1. THE SURVEY DATA SHOWN HEREON IS BASED ON STATE PLANE AND GRID NORTH (KY SOUTH ZONE). CONVERGENCE TO TRUE NORTH AT THE PROPOSED TOWER CENTER AS SHOWN IS 00°25'41" 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 MAY EXIST ON THIS SITE WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR 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 LIE WITHIN ANY FIA FLOOD HAZARD AREA. COMMUNITY PANEL #210205 0025B DATED 9-28-90
7. TOWER BASE STAKED FOR 19' LEG SPREAD.

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

PROPERTY

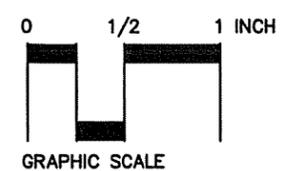
ANDREW L. & ANNA LOU ANTLE
DEED BOOK 129, PAGE 524

ELECTRIC SERVICE

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PO BOX 910
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TELEPHONE SERVICE

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2150 N. HWY 127
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Tim Thompson L.S. #1304 Date

SITE DETAIL PLAN
SCALE: 1"=50'

TIM THOMPSON
Professional Engineer
Land Surveyor
232 Henton Court
Versailles, KY 40383
(859) 873-5252 FAX (859) 873-2525
FILE: SYCAMORE_FLAT.DWG
DATE: SEPT. 27, 2006
SHEET 2 OF 2

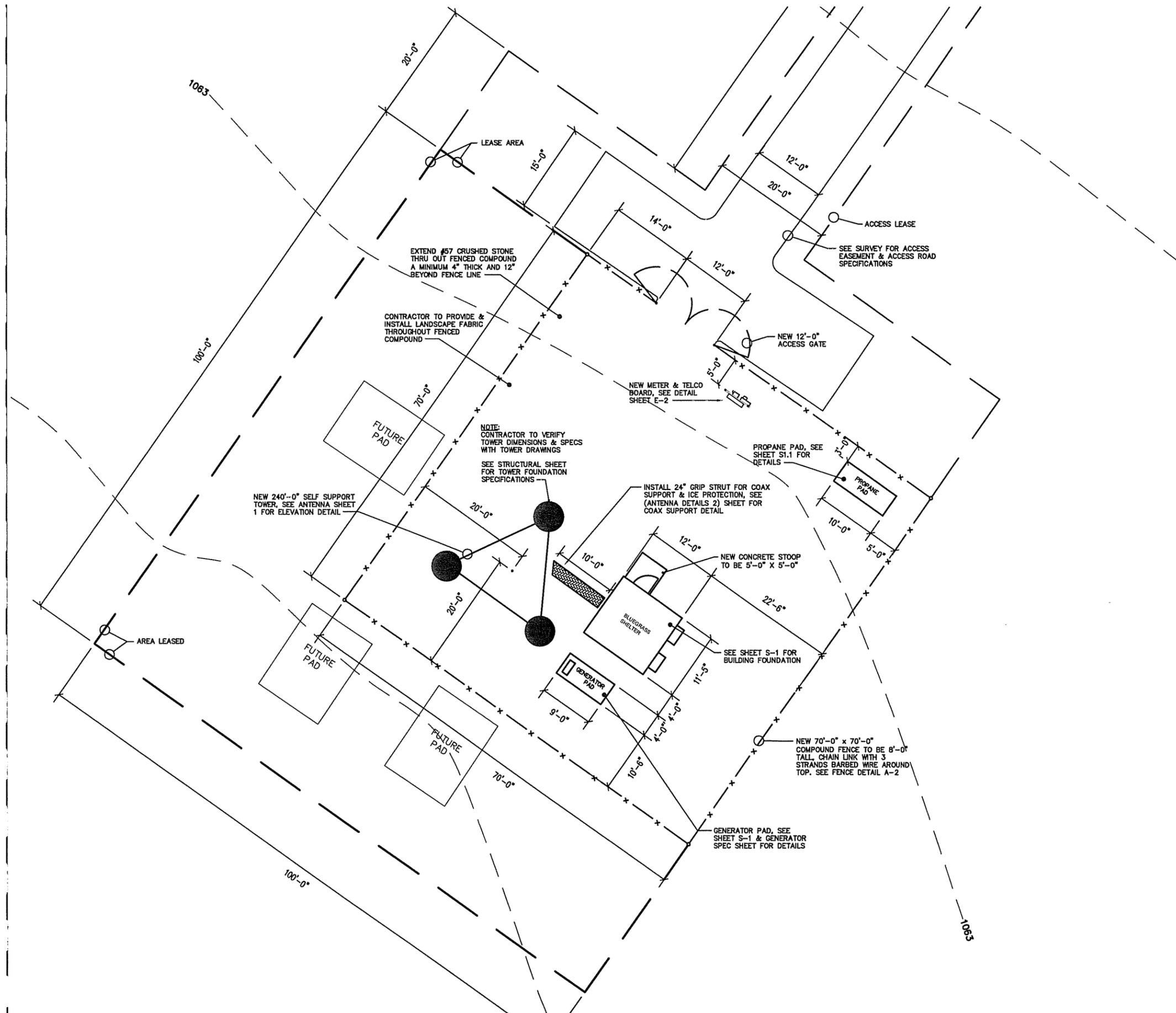
BLUEGRASS CELLULAR
2902 RING ROAD
ELIZABETHTOWN, KY 42701
PHONE: (270) 769-0339
FAX: (270) 737-0580

CELLULAR COMMUNICATION TOWER SITE SURVEY
BLUEGRASS CELLULAR
NAME: SYCAMORE FLAT NO:
ANDREW and ANNA ANTLE PROPERTY
309 DAMRON CREEK SPUR ROAD
RUSSELL SPRINGS, RUSSELL CO., KY 42642

(G)
MAP 42, PAR 12
ALONZO FOLEY
DB 43, PG 59

(A)
MAP 42, PAR 23.01
ANDREW & ANNA LOU ANTLE
DB 129, PG 524

(C)
MAP 42, PAR 24
ANDREW & ANNA ANTLE
DB 51, PG 228



GENERAL NOTES:

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

SITE PLAN

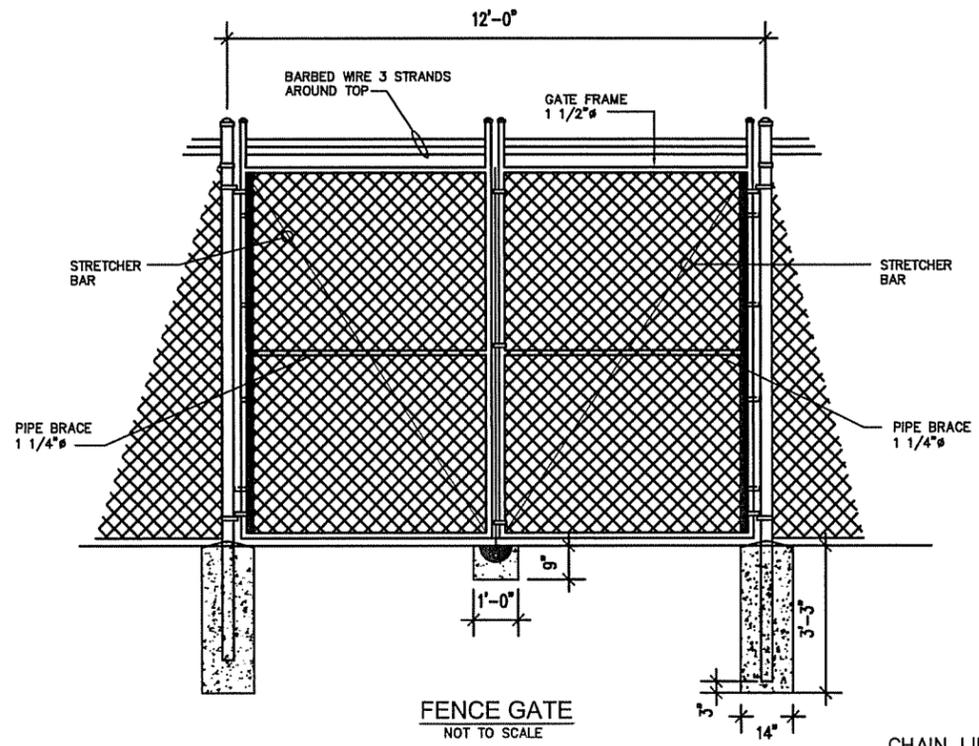
SCALE: 1/8" = 1'-0"



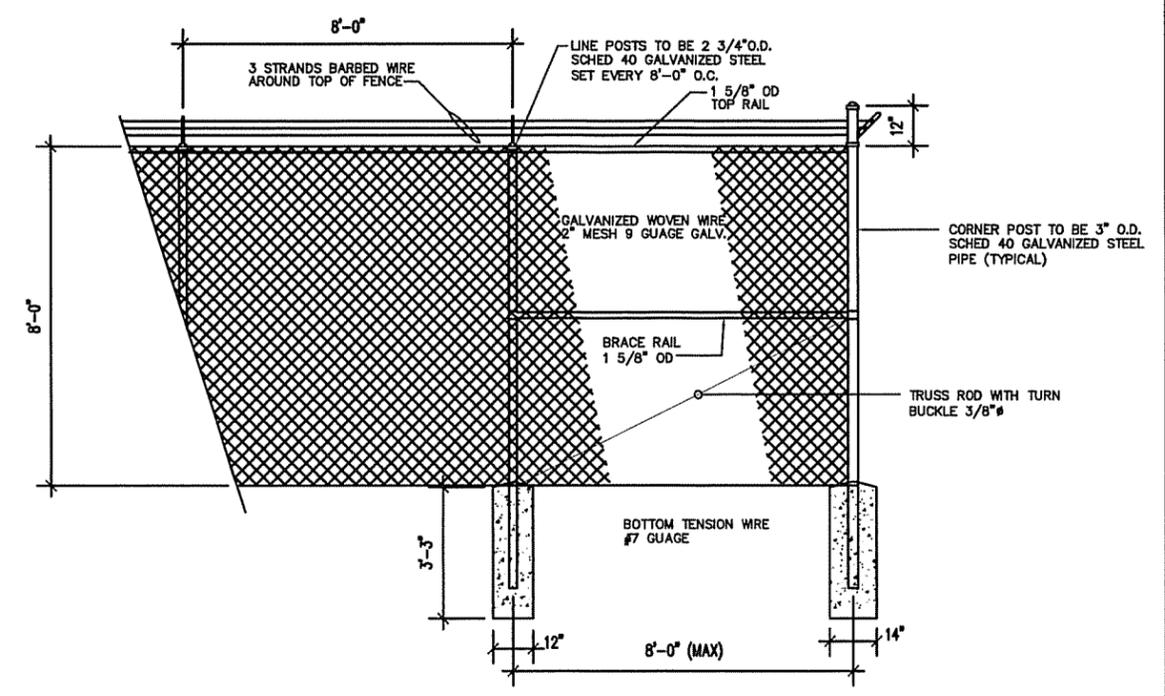
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT
 309 DAMRON CREEK SPUR ROAD RUSSELL SPRINGS, KY. 42642

DRAWN BY: R. BECKER	ISSUE DATE: 9-25-06	SCALE: LISTED
SHEET NUMBER A-1		



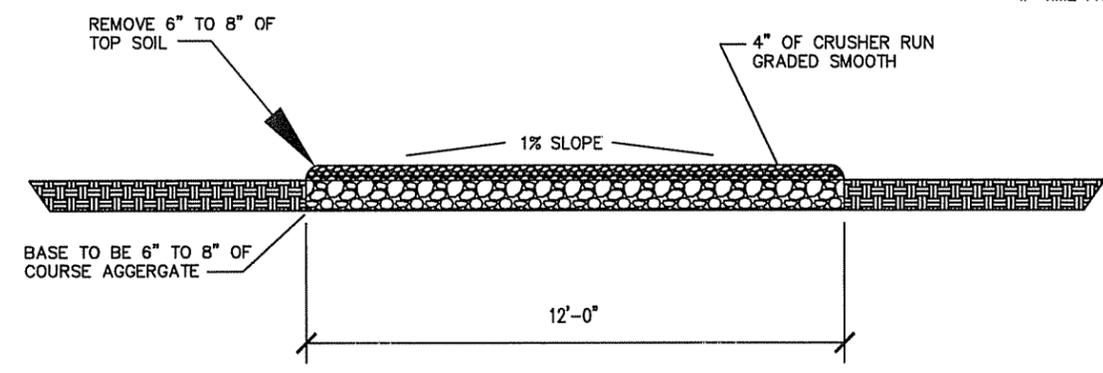
FENCE GATE
NOT TO SCALE



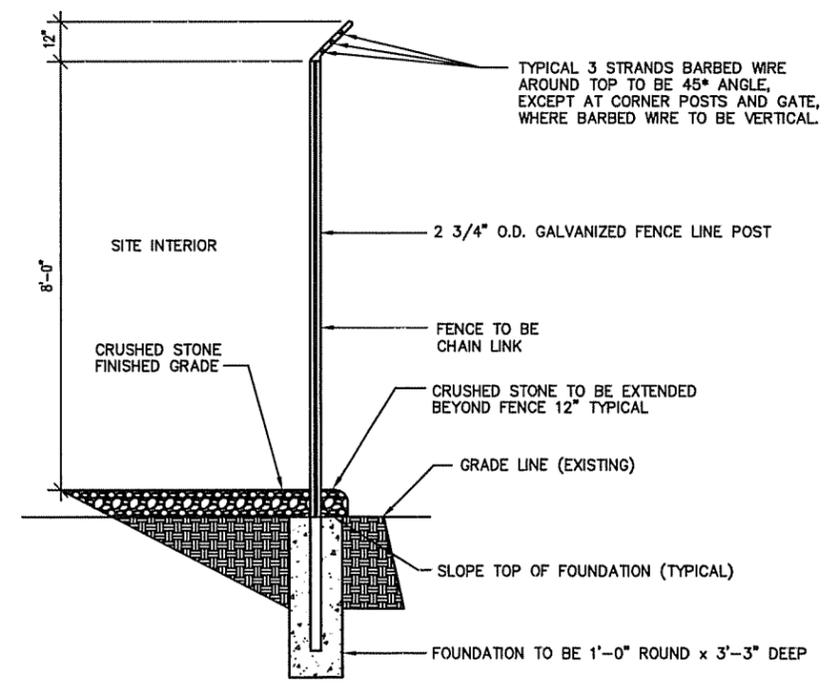
FENCE DETAIL END POLES
NOT TO SCALE

CHAIN LINK FENCING NOTES:

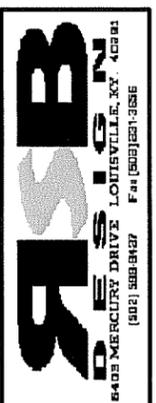
- 1 **FABRIC:** THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL HOT DIP GALVANIZED WIRE PICKETS HELICALLY WOUND AND INTERWOVEN FROM NO.9 W & M GAUGE COPPER BEARING STEEL WIRE TO FORM A CONTINUOUS CHAIN LINK FABRIC HAVING A 2" MESH. TOP EDGES SHALL HAVE A TWISTED AND BARBED
- 2 **POSTS:** SHALL BE 2 3/4" O.D.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



ROAD DETAIL
NOT TO SCALE



FENCE DETAIL LINE POLES
NOT TO SCALE



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT
309 DAMRON CREEK SPUR ROAD RUSSELL SPRINGS, KY. 42642

DRAWN BY: R. BECKER
ISSUE DATE: 9-25-06
SCALE: LISTED

SHEET NUMBER
A-2

BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS

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

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

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

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

LINES ARE TO BE SECURED TO ICE BRIDGE

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

ALL COAX CONNECTIONS ARE TO BE WEATHER PROOFED.

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

ALL TRASH AND REFUGE IS TO BE PROPERLY DISPOSED OF.

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

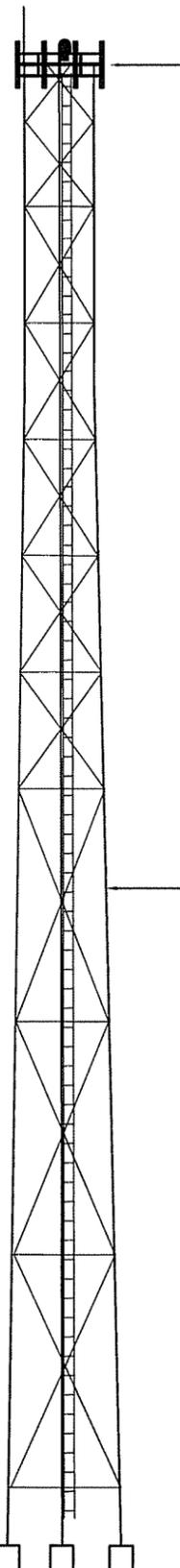
CONTRACTORS TO SUPPLY POLYPHASERS OR LIKE UNITS TO BE INSTALLED AND GROUNDED TO GROUND BAR INSIDE BUILDING AT WAVE GUIDE ENTRANCE. GO TO SUPPLY GROUND CABLE & LUGS.

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

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

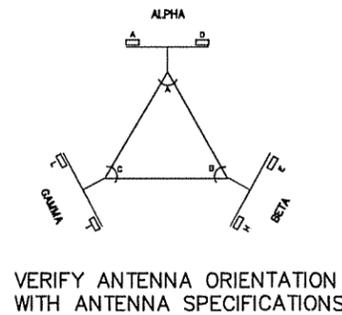
TRAPEZE KIT TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

CONTRACTOR TO INSTALL GPS BRACKET



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

SELF SUPPORT TOWER



SELF SUPPORT TOWER ELEVATION (TYPICAL)

TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

ANTENNA SPECS

	TYPE	SIZE L x W x D	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	AP13-880-850D ADT-XP	L=78.6 W=10.3 D=4.6	6	55*, 185*, 300*	240'-0" C/L <small>VERIFY WITH CONSTRUCTION SUPERVISOR</small>
ANTENNA (SECONDARY)					

ANTENNA MOUNTING HARDWARE SPECS

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

ANTENNA TRANSMISSION LINES SPECS

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

DISH SPECS

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

DISH MOUNT SPECS

	TYPE	SIZE	NUMBER
MOUNT #1			
MOUNT #2			

DISH TRANSMISSION LINES

	TYPE	SIZE	NUMBER
TRANSMISSION LINE #1			
TRANSMISSION LINE #2			

ANTENNA SYNOPSIS

- * ANTENNAS TO HAVE A 6*E X, 3*E Y 4*E Z
- * ANTENNA FREQUENCY 880.00 - 890.00



REVISION

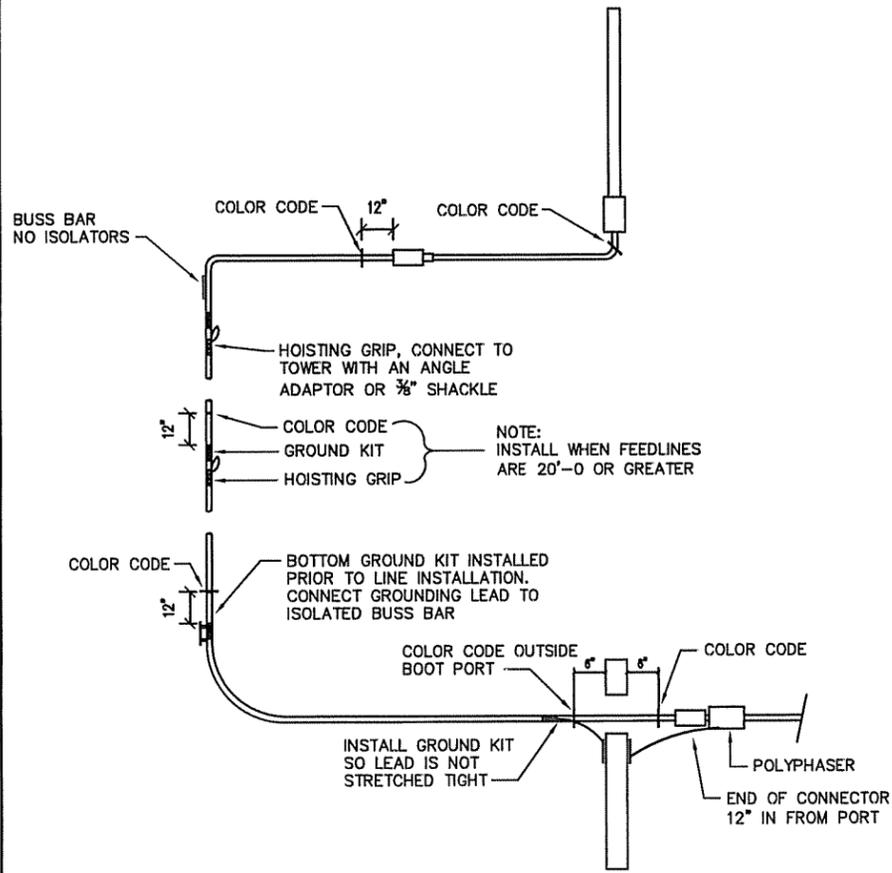
DATE

NO.

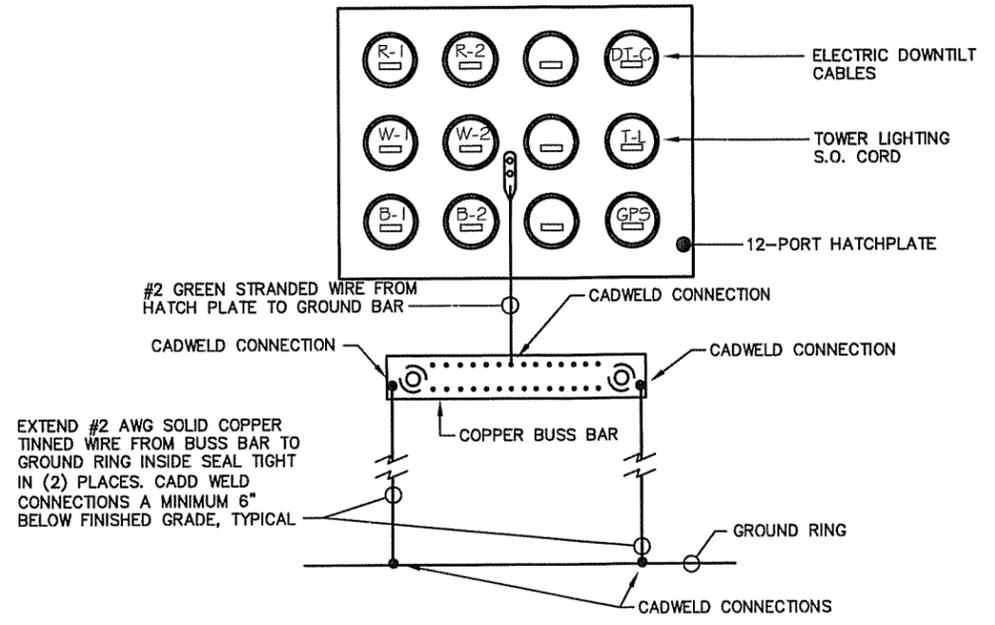
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ELIZABETHTOWN WEST
531 THOMAS LN. ELIZABETHTOWN, KY. 42701

DRAWN BY: R. BECKER
ISSUE DATE: 5-23-06
SCALE: LISTED

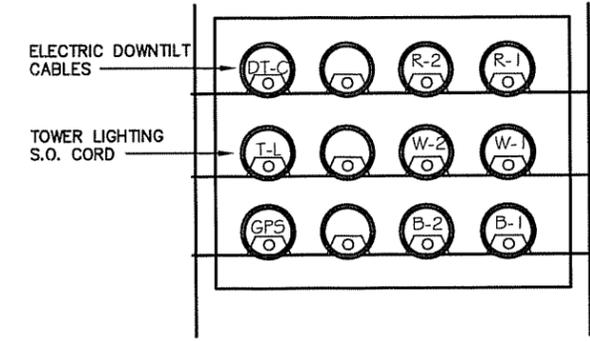
SHEET NUMBER
ANTENNA
DETAILS
1



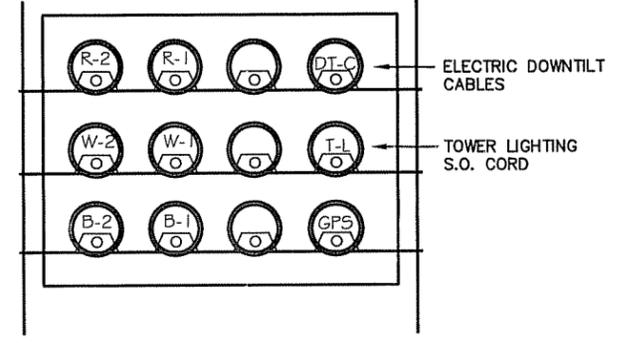
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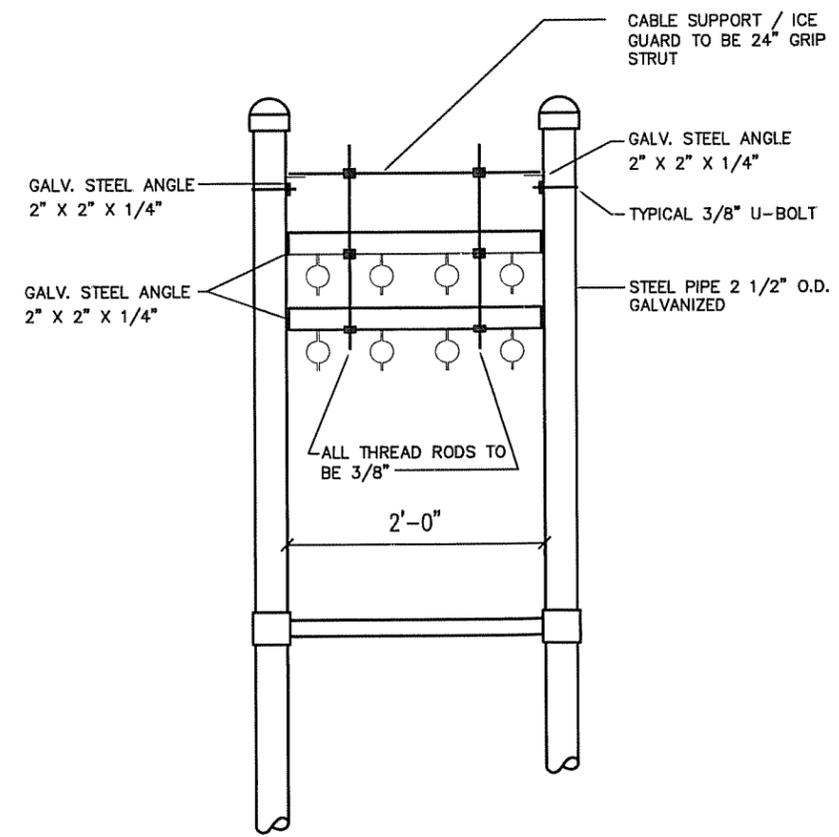
BOOT PORT GROUNDING DETAIL
NO SCALE



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



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



ICE BRIDGE / COAX SUPPORT DETAIL
NO SCALE



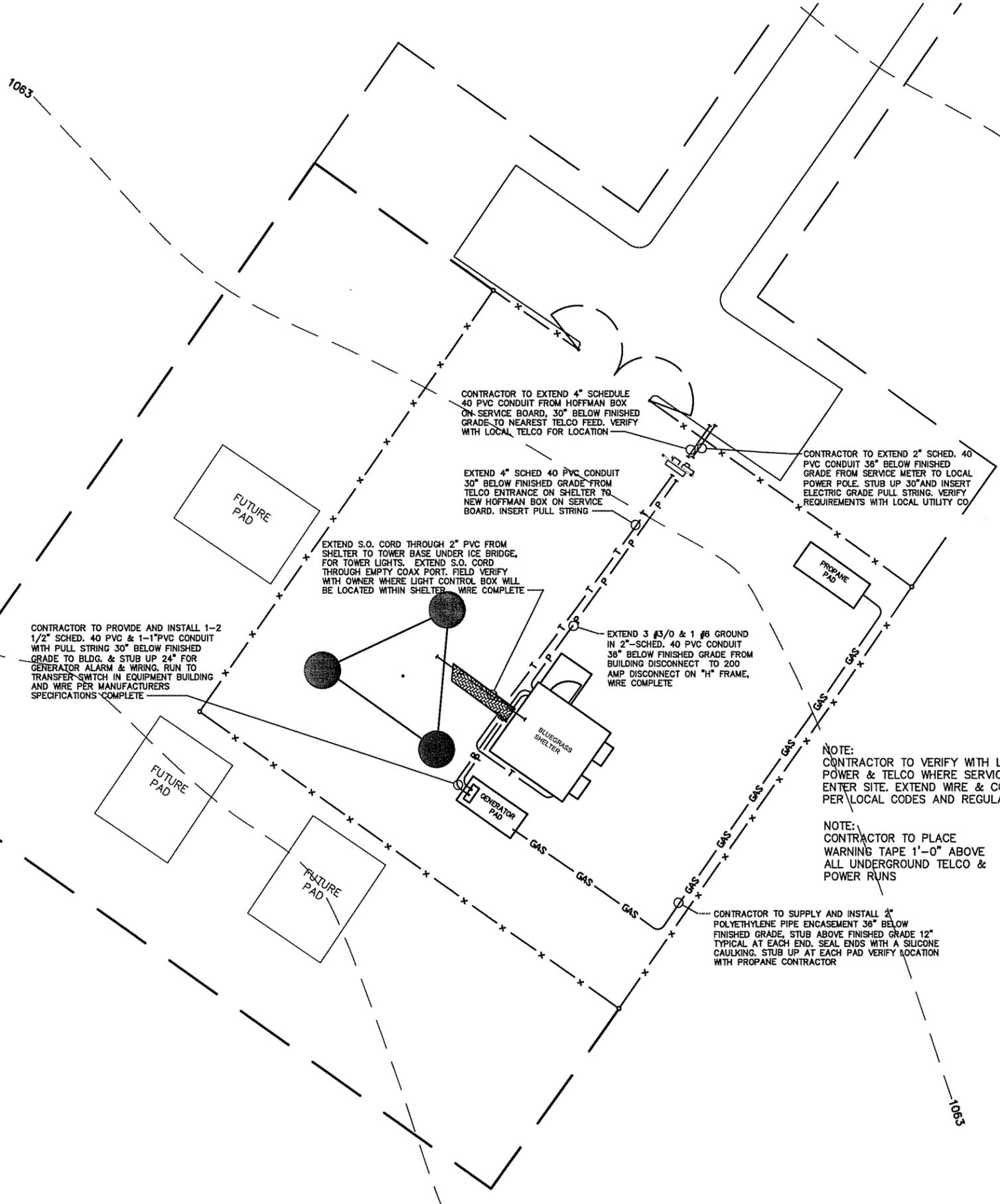
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
ELIZABETHTOWN WEST
531 THOMAS LN. ELIZABETHTOWN, KY. 42701

DRAWN BY: R. BECKER
ISSUE DATE: 5-23-06
SCALE: LISTED

SHEET NUMBER
ANTENNA DETAILS
2

1063



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

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

EXTEND 4" SCHED 40 PVC CONDUIT 30" BELOW FINISHED GRADE FROM TELCO ENTRANCE ON SHELTER TO NEW HOFFMAN BOX ON SERVICE BOARD. INSERT PULL STRING

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

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

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

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

GENERAL ELECTRICAL NOTES:

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

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

SYMBOLS LEGEND

	POWER
	GAS
	TELEPHONE
	FENCE
	SWITCH (DISCONNECT)
	METER PACK

SITE PLAN- ELECTRICAL

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

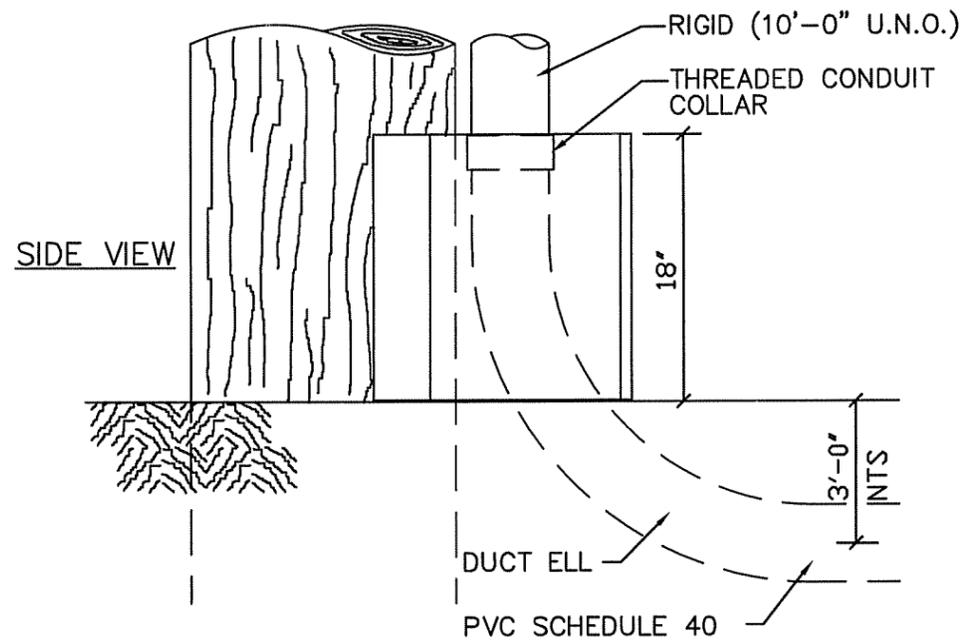
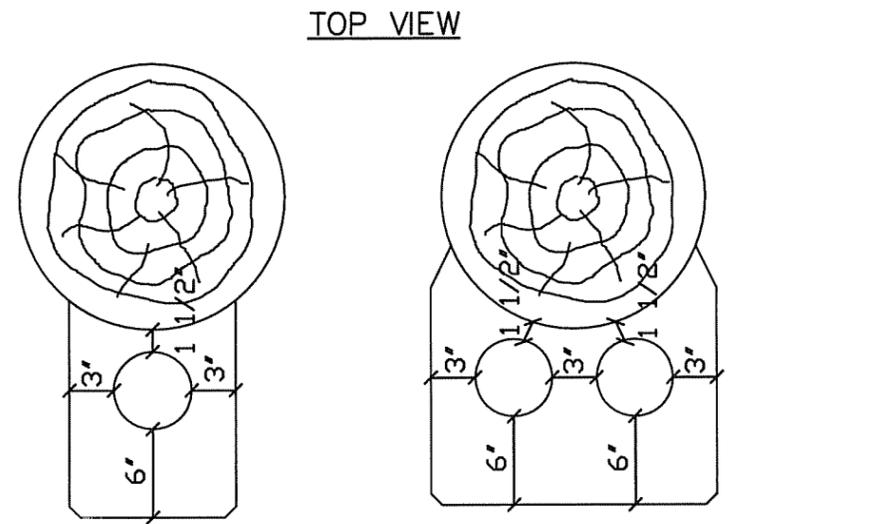


NO.	DATE	REVISION

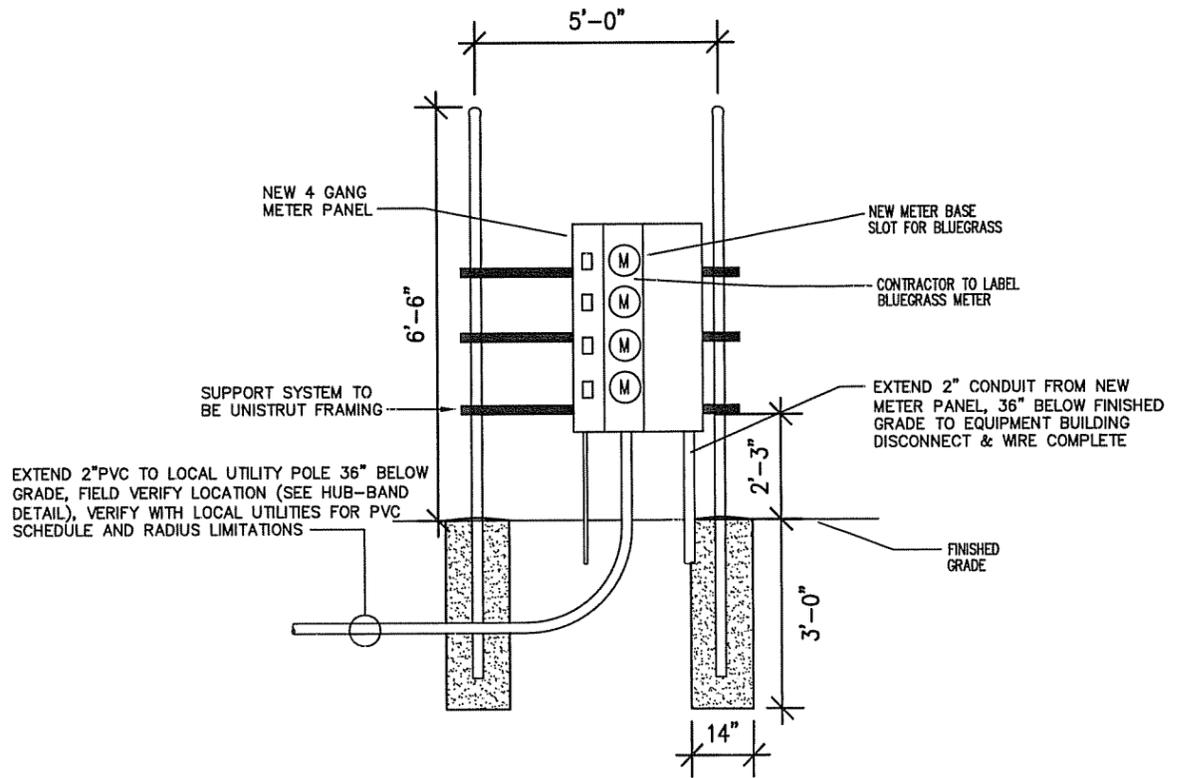
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT
309 DAMRON CREEK SPUR ROAD RUSSELL SPRINGS, KY. 42662

DRAWN BY: R. BECKER
ISSUE DATE: 9-25-06
SCALE: LISTED

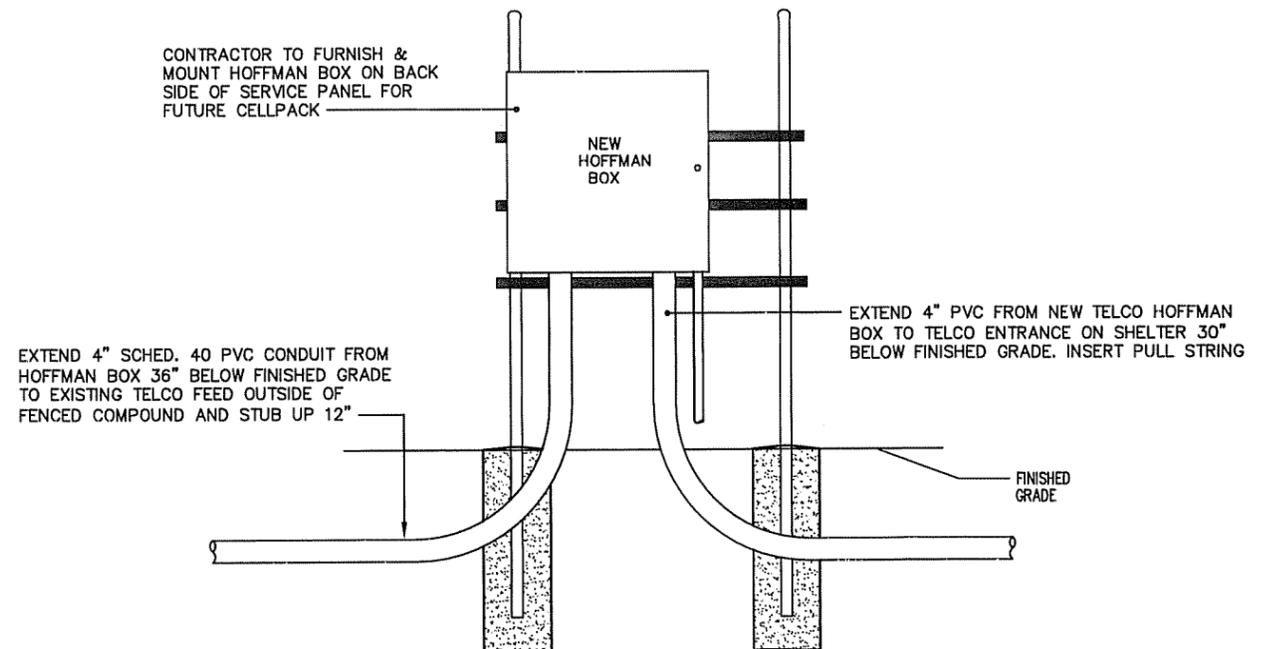
SHEET NUMBER
E-1



HUB-BAND DETAIL
 NO SCALE



SERVICE BOARD DETAIL
 NO SCALE



BACKBOARD DETAIL
 NO SCALE



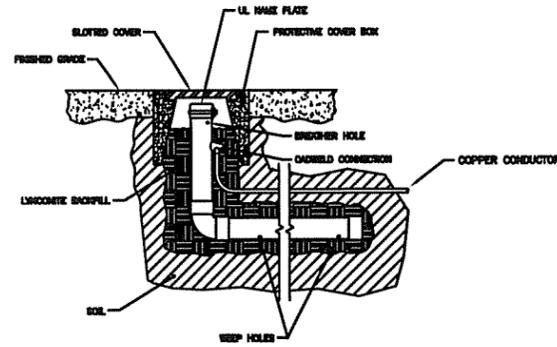
309 DAMRON CREEK SPUR ROAD
 RUSSELL SPRINGS, KY. 42642

NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT

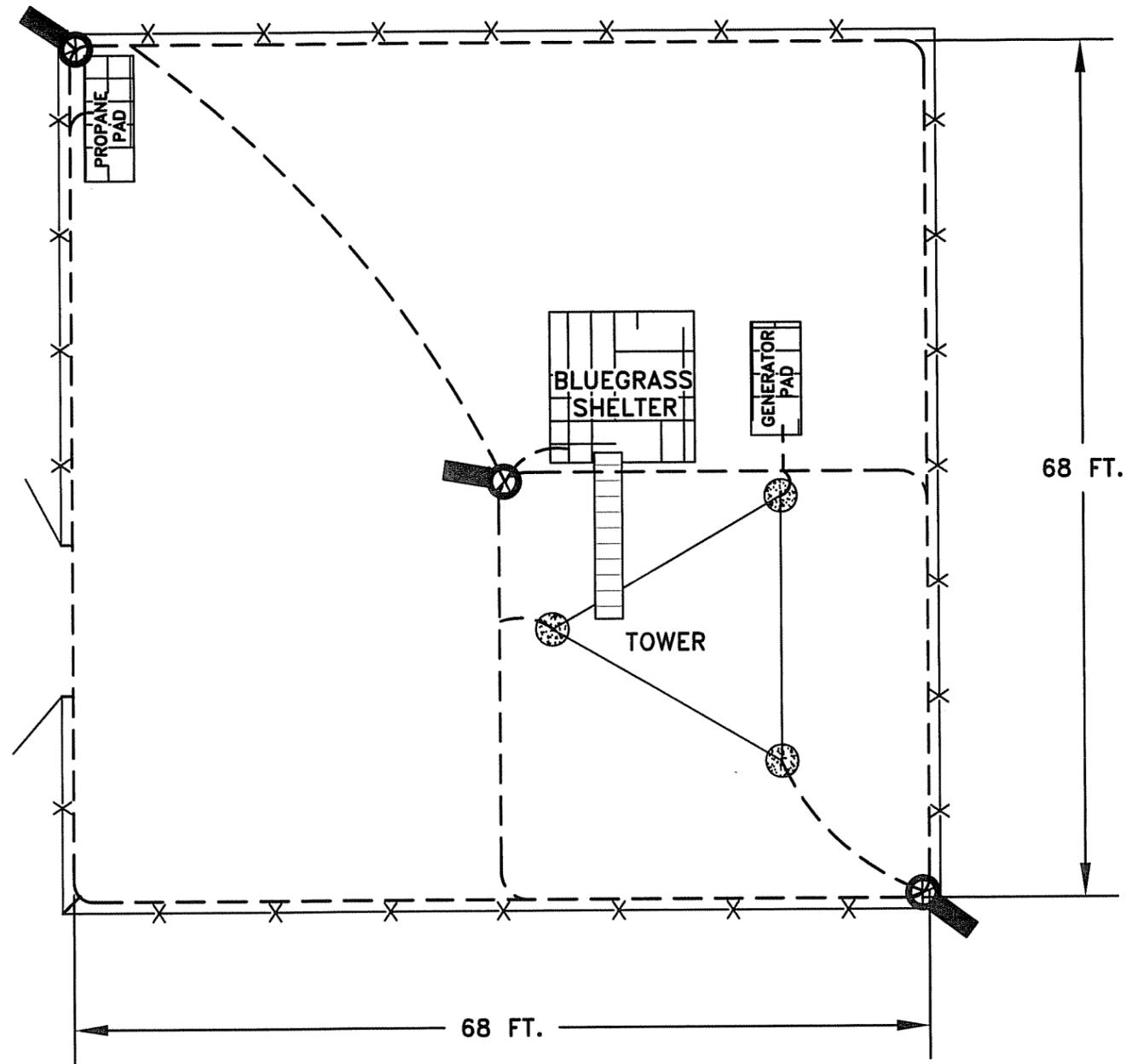
DRAWN BY: R. BECKER
 ISSUE DATE: 9-25-06
 SCALE: LISTED

SHEET NUMBER
 E-2



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

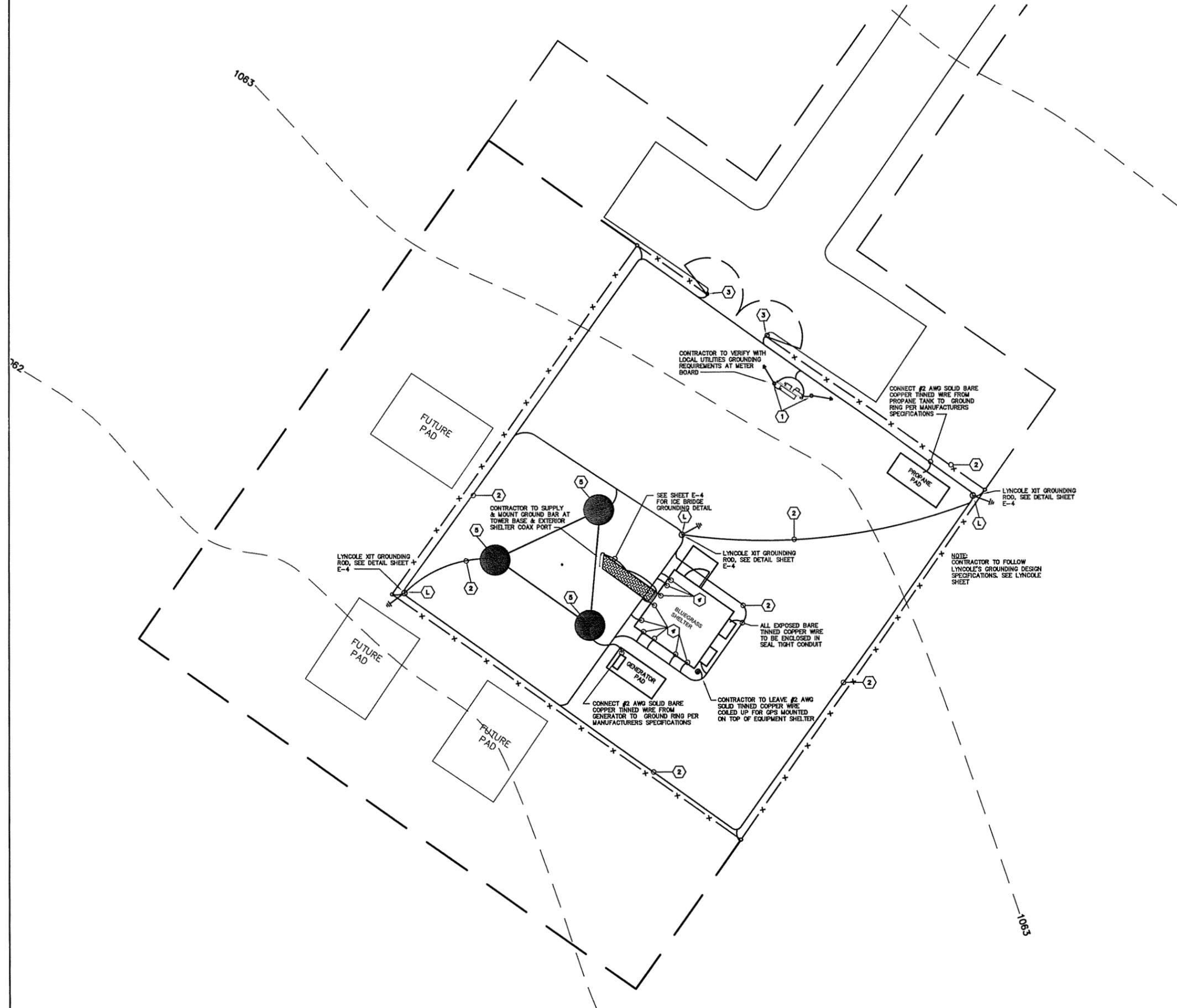
DETAIL



NOTES:

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

		CLIENT / END USER	
		RSB DESIGN / BLUEGRASS CELLULAR	
DRAWING	PROJECT NAME		
1R	SYCAMORE FLAT		
TITLE		GROUNDING OPTION	
LOCATION: CITY, STATE		CALCULATED RESISTANCE	
RUSSEL SPRINGS, KY		< 10 OHMS	
DRAWN BY	APPROVED BY	DATE	
PD		10/05/2006	
SOIL DATA PROVIDED BY		REFERENCE NUMBER	SCALE
TERRACON		NA	NONE
		LTS NUMBER	
			060056-R



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

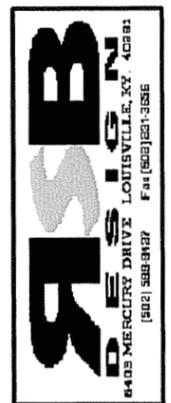
NOTE:
CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED AT 9" BELOW GRADE.

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

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

SITE PLAN-GROUNDING

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

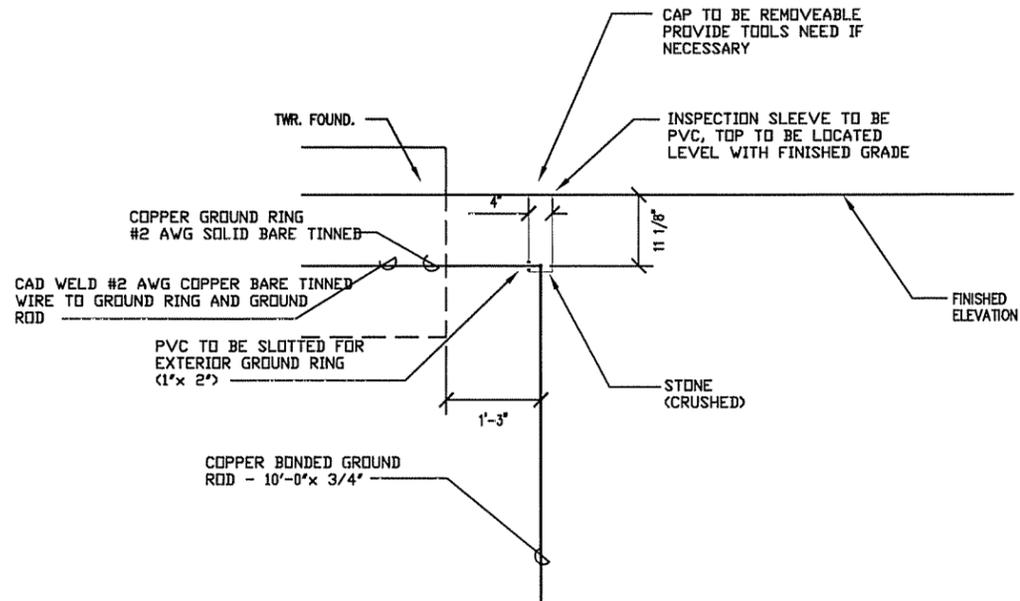


NO.	DATE	REVISION

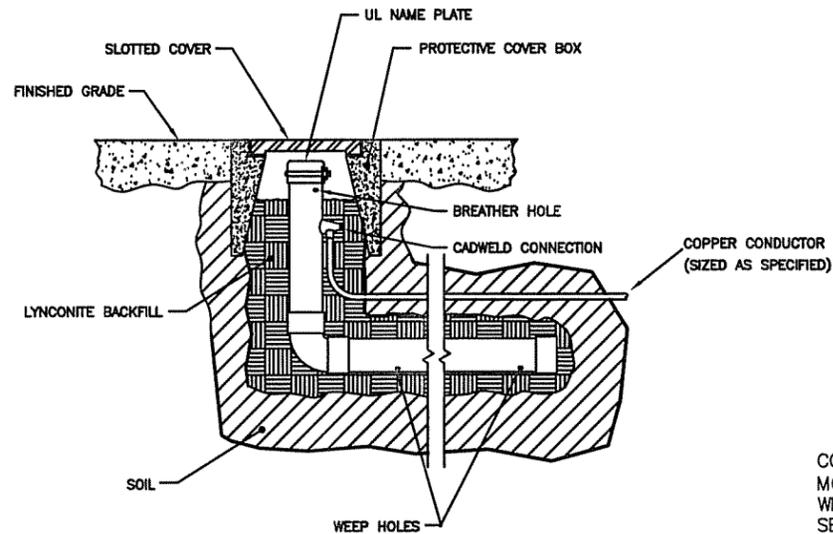
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT
 309 DAMRON CREEK SPUR ROAD RUSSELL SPRINGS, KY. 42642

DRAWN BY: R. BECKER
 ISSUE DATE: 9-25-06
 SCALE: LISTED

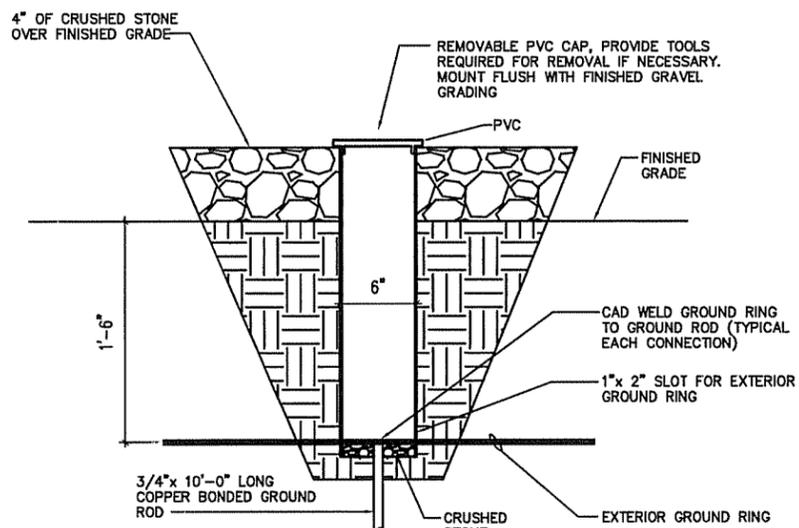
SHEET NUMBER
 E-3



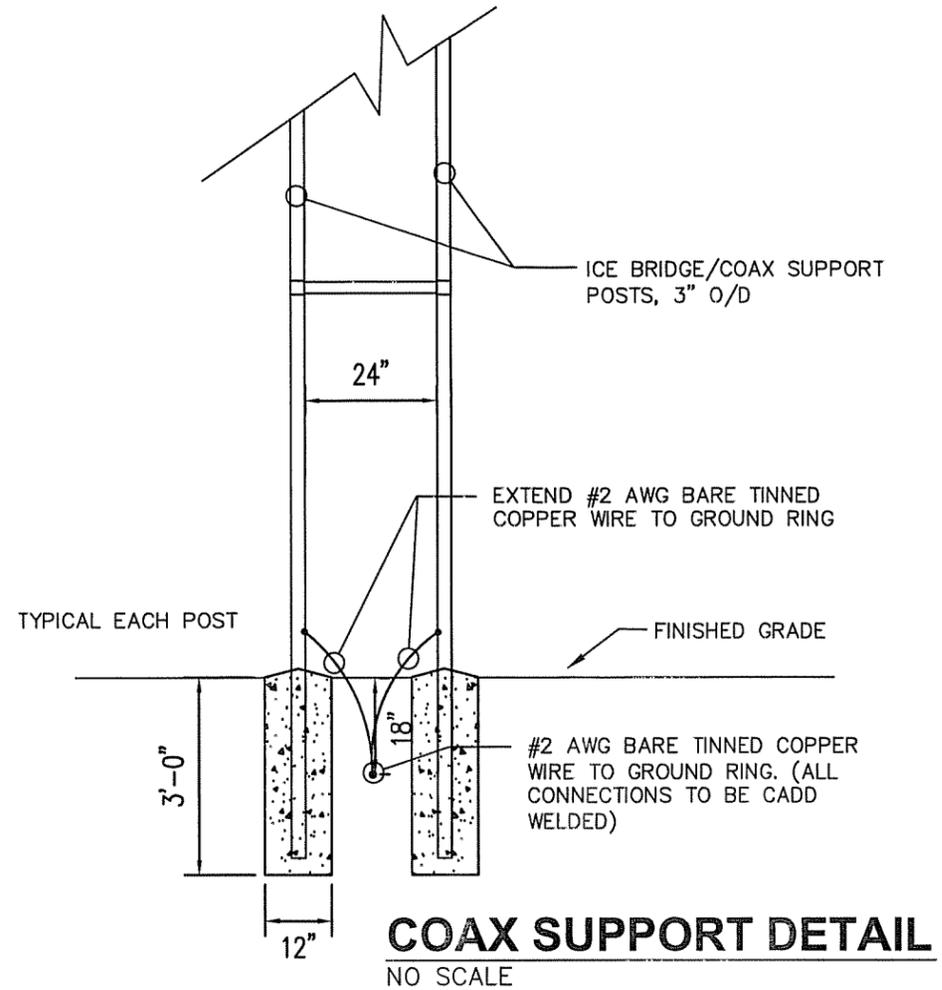
GROUND ROD DETAIL
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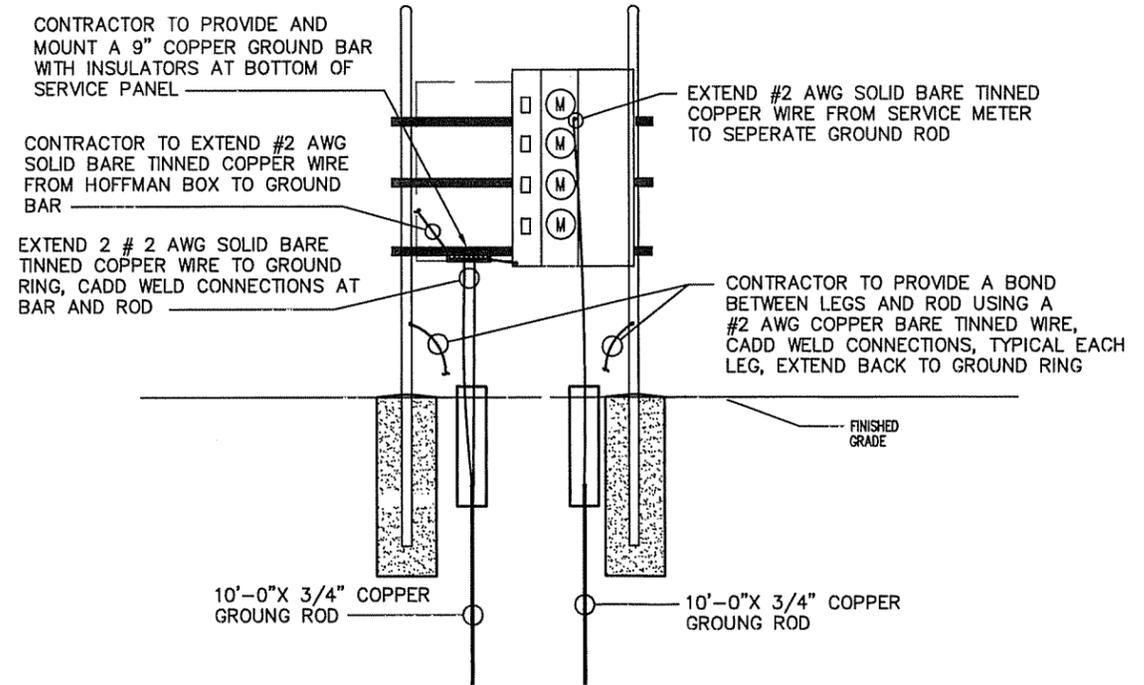
LYNCOLE XIT ROD DETAIL
NO SCALE



GROUND SLEEVE DETAIL
NO SCALE



COAX SUPPORT DETAIL
NO SCALE



SERVICE BOARD DETAIL
NO SCALE

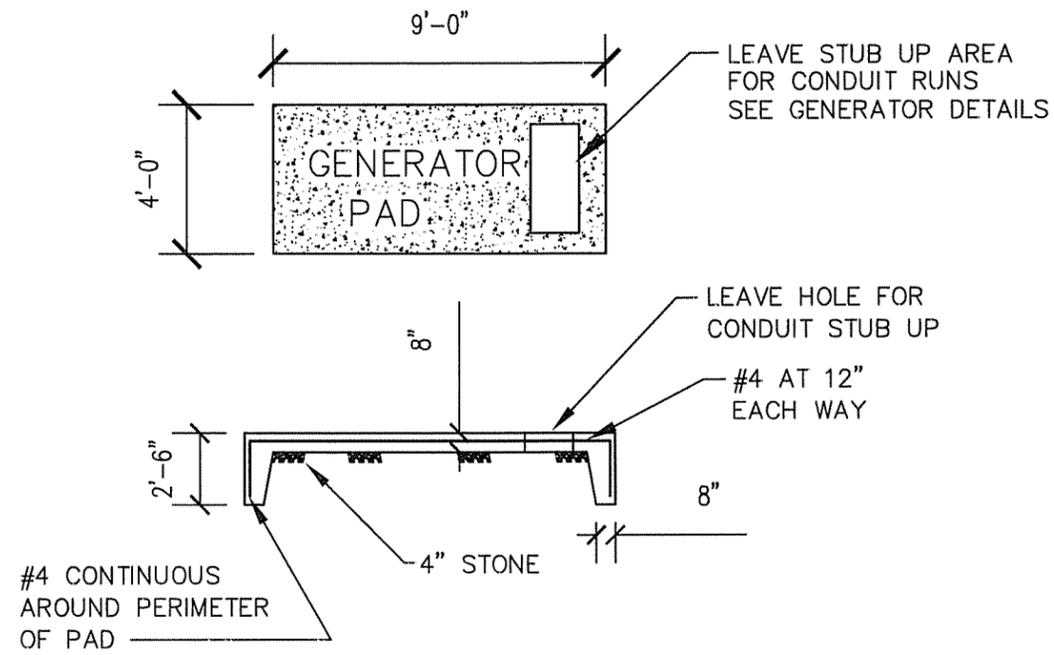


BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT

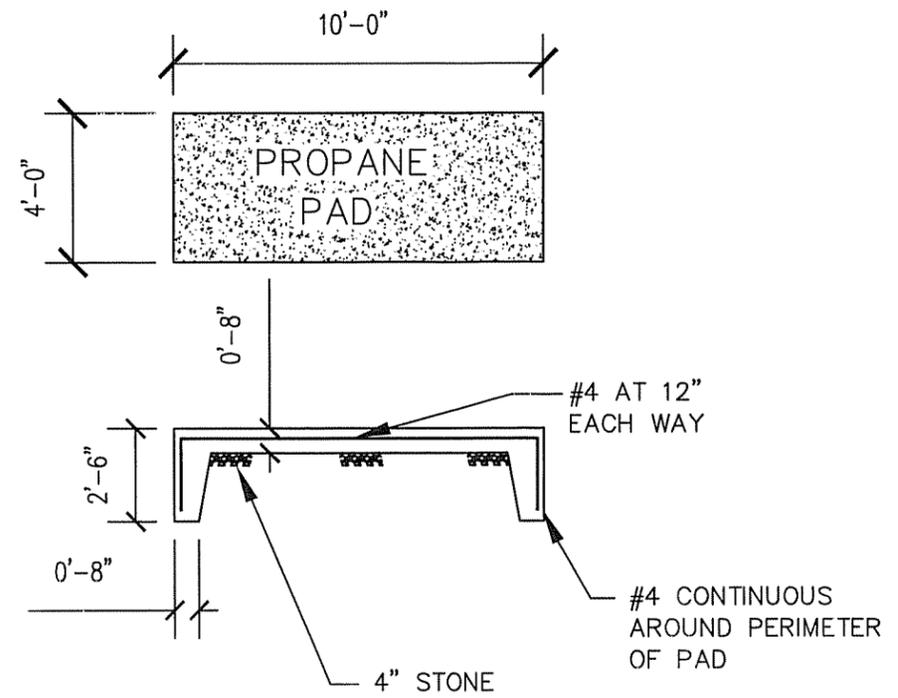
NO.	DATE	REVISION

309 DAMIRON CREEK SPUR ROAD RUSSELL SPRINGS, KY. 42642

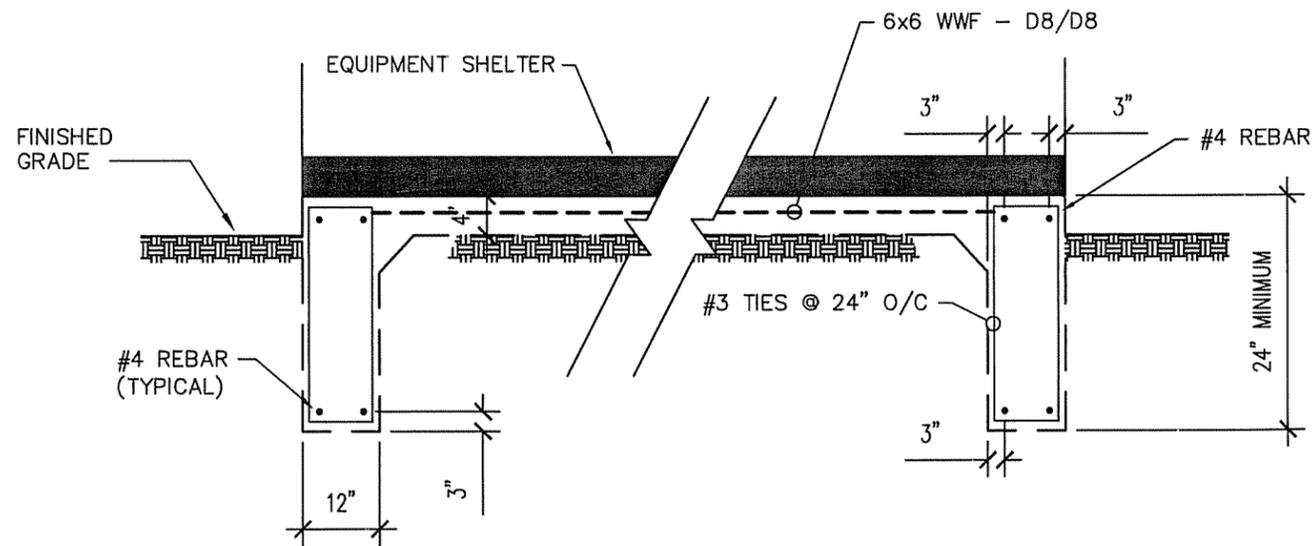
DRAWN BY: R. BECKER	ISSUE DATE: 9-25-06	SCALE: LISTED
SHEET NUMBER E-4		



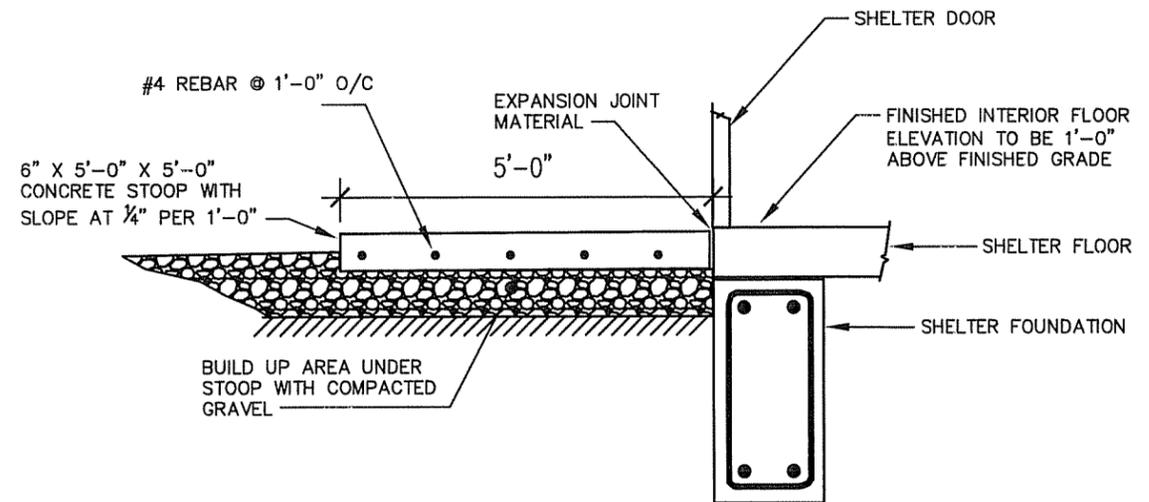
FOUNDATION DETAIL
NO SCALE



FOUNDATION DETAIL
NO SCALE



SHELTER FOUNDATION PLAN
NO SCALE



CONCRETE STOOP DETAIL
NO SCALE



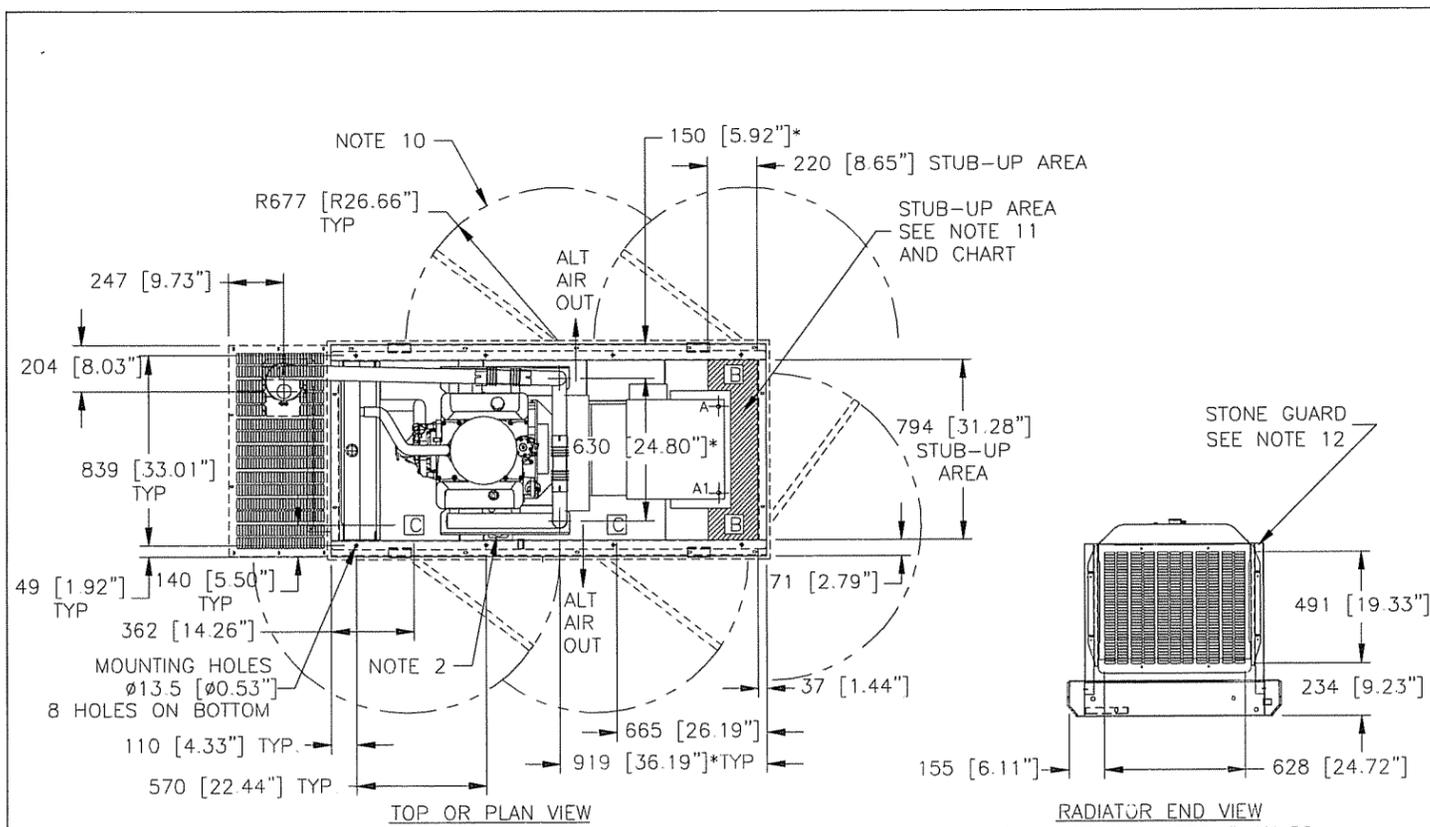
309 DAMRON CREEK SPUR ROAD
RUSSELL SPRINGS, KY. 42642

NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT

DRAWN BY: R. BECKER
ISSUE DATE: 9-25-06
SCALE: LISTED

SHEET NUMBER
S-1



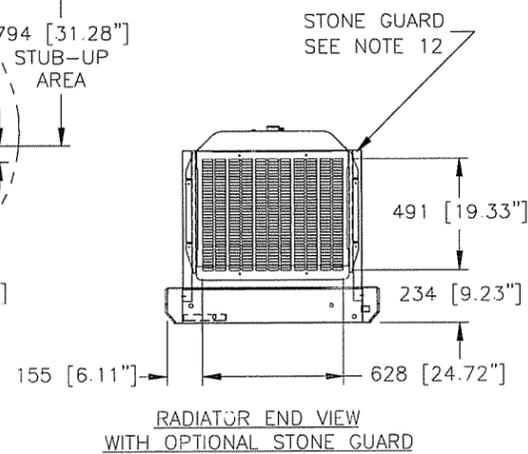
RECOMMENDED FUEL/ELECTRICAL STUB-UPS (SEE TOP VIEW)

DESCRIPTION	INSIDE BASE
AC LOAD LEAD CONDUIT (RIGHT)	A
(LEFT)	A1
120/240V AC FOR OPT. BATTERY CHARGER, OPT. BATTERY HEATER, AND BLOCK HEATER	B
INSIDE STUB-UP FOR FUEL CONNECTIONS	C

NOTE:
FUEL SYSTEM SET UP WITH OUTSIDE STUB UPS (SEE LEFT SIDE VIEW). SMALL FUEL SYSTEM MODIFICATIONS REQUIRED FOR INSIDE STUB-UPS.

WEIGHT DATA
UNIT: 729.7 kg [1609 lbs]
STEEL COMPARTMENT: 208.6 kg [460 lbs]

UNITS: mm [INCHES]

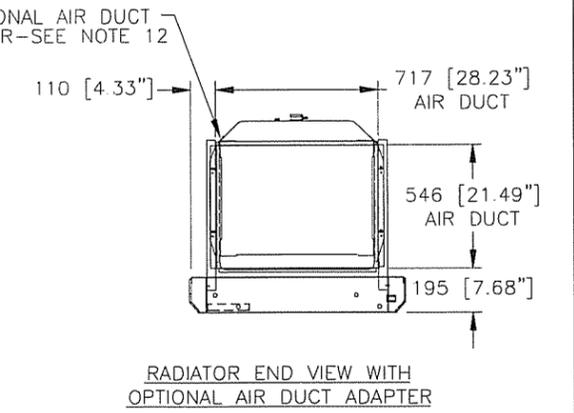
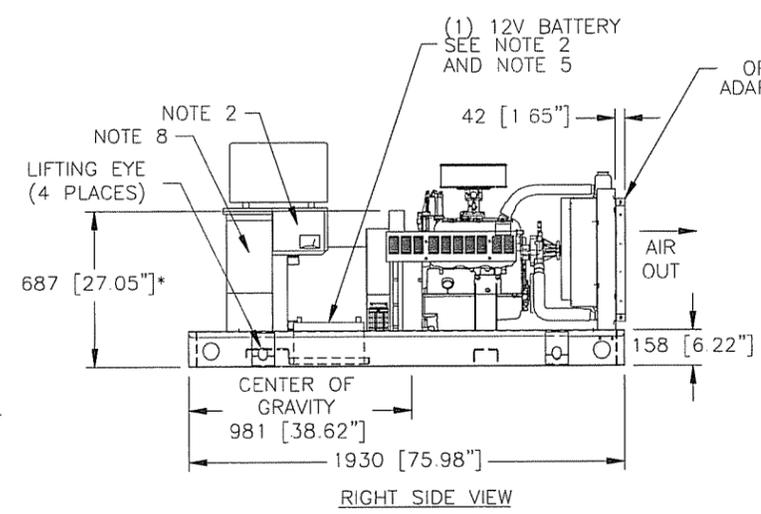
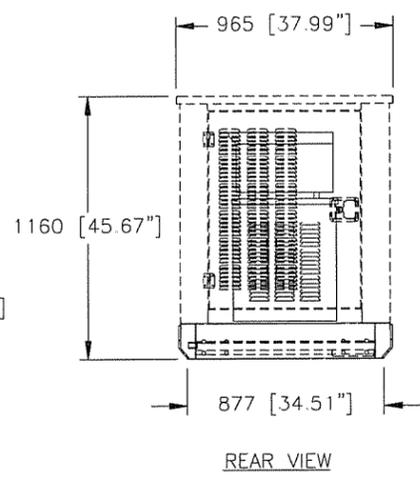
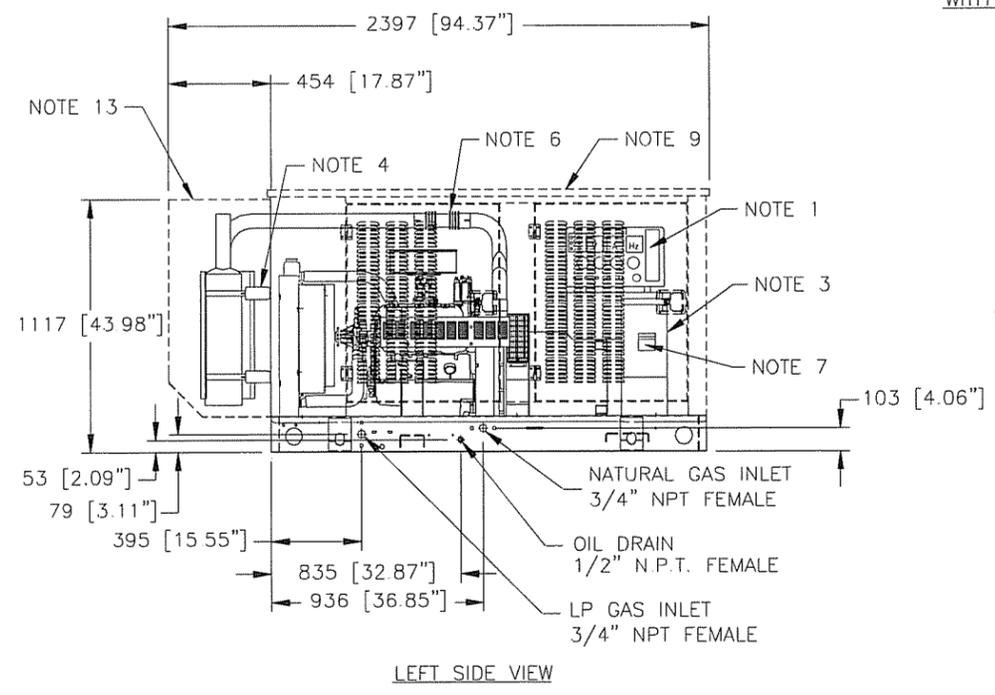


ENGINE SERVICE CONNECTIONS

INLET LP GAS = 3/4" NPT COUPLING
INLET NATURAL GAS = 3/4" NPT COUPLING
OIL DRAIN = 1/2" NPT COUPLING
EXHAUST OUTLET - EXHAUST MANIFOLDS, AS SHOWN ON OPEN SET, 2.5" OD MUFFLER OUTLET WITH ENCLOSURE

- NOTES:
- CONTROL PANEL MAY BE ROTATED 180° IN EITHER DIRECTION.
 - STANDARD BLOCK HEATER REQUIRES 120V AC CONNECTION (ALSO OPTIONAL BATTERY CHARGER, & BATTERY HEATER).
 - CONNECTION POINTS FOR AC LOAD LEADS AND ENGINE AUTOMATIC START/STOP CONTROL WIRES PROVIDED IN AC CONNECTION PANEL.
 - EXHAUST MUFFLER SUPPORT BRACKETS SUPPLIED WITH OPTIONAL COMPARTMENT.
 - 12 VOLT NEGATIVE GROUND SYSTEM BATTERY TRAY INSIDE DIMENSIONS: 178 X 342.5 [7" X 13.5"]
 - 2.5" I.D. FLEX EXHAUST, STANDARD WITH COMPARTMENT UNITS, OPTIONAL WITHOUT
 - MAIN LINE CIRCUIT BREAKER.
 - REMOVABLE BLANK PANEL FOR OPTIONAL 2nd MAIN LINE CIRCUIT BREAKER.
 - OPTIONAL COMPARTMENT
 - DOORS MUST BE OPENED 90 DEG. TO BE REMOVED.
 - A OR A1 MAY BE USED DEPENDING ON CIRCUIT BREAKER LOCATION.
 - STONE GUARDS AND AIR DUCT ADAPTER ARE OPTIONS AND CAN BE ORDERED FOR UNITS WITHOUT ENCLOSURES ONLY.
 - SEE DRAWING C3850 FOR DUCT REMOVAL. REMOVAL OF FRONT DUCT WILL PROVIDE ACCESS TO MUFFLER FOR SERVICING.

*DIMENSIONS ARE TO THE CENTER OF OUTLETS ON EXHAUST MANIFOLDS. DIMENSIONS SHOULD BE USED AS A REFERENCE WHEN EXHAUST SYSTEM IS NOT ORDERED. APPLIES TO OPEN SET ONLY.



GENERAC® INSTALLATION DRAWING

INSTALLATION DRAWING # C4505 REV -
SG035 & SG045
4.3 LITER SPARK-IGNITED ENGINE
NATURALLY ASPIRATED
ISSUE DATE 10/11/99

GENERAL NOTES:

- 1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP DELIVERY TO SITE, ERECTION OF TOWER, AND CRANE SET, ALL COSTS ENCURRED.
- 2) THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND REVIEWING EXISTING STRUCTORS OR UTILITIES THAT MIGHT BE LOCATED ON OR AROUND THE COMPOUND THAT COULD INTERFERE.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL AUTHORITIES NECESSARY FOR INSPECTIONS IF REQUIRED, PLEASE PROVIDE AMPLE NOTICE.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING, PLEASE PROVIDE AMPLE NOTICE.
- 5) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH FINAL TEST RESULTS ON ALL MATERIALS TESTING. IF ANY PROBLEMS ARE FOUND PRIOR TO FINAL RESULTS PLEASE NOTIFY A&E OR OWNER IMMEDIATELY.
- 6) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJOINING PROPERTY, AND REPAIRING OR REPLACING WHAT IS NECESSARY TO OWNERS APPROVAL.
- 7) THE CONTRACTOR IS TO VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION STARTING, ANY PROBLEMS OR CHANGE FOUND CONTACT A&E OR OWNER TO VERIFY.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE TOWER AND CONTACTING PROPER AUTHORITY IF ANY LIGHTING PROBLEMS OCCUR, ALL FINAL LIGHTING TO BE MOUNTED ON TOWER DURING CONSTRUCTION, NOTIFY OWNER WHEN TOWER HAS REACHED FINAL HEIGHT.
- 9) THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE WORK MEANS AND METHODS, WORK TO BE DONE IN COMPLIANCE WITH OSHA RULES AND REGULATIONS.
- 10) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE, AND PROVIDING SILT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY RUN OFF.
- 11) THE CONTRACTOR RESPONSIBLE FOR ANY SEED AND STRAW NECESSARY TO DAMAGED AREAS.
- 12) CONTRACTOR TO GRADE SMOOTH OR REPAIR ANY POT HOLES OR DITCHING ON PROPERTY OR ROAD THAT HAS OCCURRED DURING CONSTRUCTION AT CONTRACTORS EXPIENCE.

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

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

"BEFORE YOU DIG"

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

GRADING & EXCAVATING NOTES:

- 1) ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, ROADS AND PARKING AREAS TO BE REPAIRED OR REPLACED TO OWNERS SATISFACTION.
- 2) PREPARATION FOR FILL:
REMOVAL OF ALL DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, TOPSOIL, VEGETATION, AND HARMFUL MATERIALS FROM SURFACE OF GROUND PRIOR TO PLOWING, STRIPPING, PLACING FILLS OR BREAKING UP OF SLOPED SURFACES GREATER THAN 1 VERTICAL TO 4 HORIZONTAL SO MATERIAL FOR FILL WILL BOND WILL BOND TO EXISTING SURFACE. WHEN AREA TO RECEIVE FILL HAS A DENSITY LESS THAN REQUIRED, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, AERATE, MOISTURE - CONDITION, OR PULVERIZE SOIL AND RECOMPACT TO REQUIRED DENSITY.
- 3) BACK FILLING:
- EXCAVATED AREA SHALL BE CLEARED FROM STONES OR CLODS OVER 2 1/2" MAXIMUM SIZE.
- SHALL BE PLACED IN LAYERS OF 6" AND COMPACTED TO A 95% STANDARD PROCTOR, USE A 90 PROCTOR IN GRASSED / LANDSCAPED AREAS WHERE REQUIRED.
- SHALL BE APPROVED MATERIALS CONSISTING OF SANDY CLAY, GRAVEL AND SAND, SOFT SHALE, EARTH OR LOAM. CONSULT WITH ENGINEER PRIOR TO FILL BEING ADDED.
- 4) ALL MATERIAL FOR FILL TO BE APPROVED BY ENGINEER AND ALL COMPACTING TEST TO BE COMPLETED TO SPEC'S ALL COMPACTING RESULTS TO BE TURNED OVER TO OWNER.
- 5) AFTER COMPLETION OF BELOW GRADE EXCAVATING, AREA TO BE CLEANED AND CLEARED OF ANY UNSUITABLE MATERIAL SUCH AS, TRASH, DEBRIS, VEGETATION AND SO FORTH COMPLETE.
- 6) ANY EXCAVATING IN WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE OF ANY LOOSE MATERIAL AND EXCESS GROUND WATER.
- 7) IF SOUND SOIL IS NOT REACHED AT DESIGNATED EXCAVATION DEPTH, THE POOR SOIL IS TO BE EXCAVATED TO ITS FULL DEPTH AND EITHER REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION TO BE FILLED WITH THE SAME QUALITY CONCRETE SPECIFIED FOR THE FOUNDATION. PLEASE CONTACT OWNER & ENGINEER FOR RECOMMENDATIONS.
- 8) MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATIONS TO BE USED IF EXCAVATION EXCEEDED THE OVERALL REQUIRED DEPTH. FOR STABILIZATION OF THE BOTTOM OF THE EXCAVATION, CRUSHED STONE MAY BE USED. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS. PLEASE CONTACT ENGINEER FOR RECOMMENDATIONS.

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

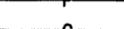
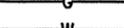
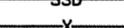
NOTE: THIS SCOPE OF WORK IS A BASIC OUTLINE FOR THE GENERAL CONTRACTOR TO FOLLOW AND DOES NOT EXCLUDE OTHER DUTIES ASSOCIATED WITH THE GENERAL CONTRACTORS RESPONSIBILITIES TO COMPLETE THE CELLULAR SITE. IT IS RECOMMENDED THAT THE SPECIFICATIONS MANUAL BE READ PRIOR TO CONSTRUCTION. SEE RSB DESIGN IF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

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

- * INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.
- * INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.
- * EXCAVATION TO COMPOUND TO INCLUDE WEED CONTROL MAT.
- * SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL . (CROWNED FORMATION)
- * GC WILL BE RESPONSIBLE FOR ALL CRANE OPERATIONS IN ORDER TO SET FIBREBOND BUILDING. COORDINATE BUILDING DELIVERY DATE THROUGH BLUEGRASS CELLULAR.
- * GC WILL BE RESPONSIBLE FOR REPAIR OF ALL AREAS DISTURBED DURING CONSTRUCTION. (EXCAVATING ISSUES)
- * GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOWER WHEN APPLICABLE.
- * GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.
- * GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRIDGE.
- * GC WILL BE RESPONSIBLE FOR SCHEDULING PROPANE TANK DELIVERY AND HOOK-UP.
- * GC WILL BE RESPONSIBLE FOR CLEANING THE INSIDE OF BUILDING BEFORE I HAND SITE OVER TO OPERATIONS DEPARTMENT. THIS WILL INCLUDE SUPPLYING TRASHCAN, TRASH BAGS, BROOM, AND DOORMAT FOR BUILDING.
- * GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE AND PAYING NECESSARY FEES REQUIRED.
- * ALL WAREHOUSE MATERIAL (LINES, ANTENNAS, MOUNTING HARDWARE, GENERATOR, TOWER FOUNDATION KIT, ETC.) WILL NEED TO BE PICKED UP BY GC.
- * ALL ALARMS WILL NEED TO BE HOOKED UP BY GC, THIS IS TO INCLUDE: GENERATOR ALARM AND TOWER LIGHT ALARM. (TO BLUEGRASS CELLULAR INC. ALARM BLOCK)
- * GC WILL BE RESPONSIBLE FOR SCHEDULING GENERATOR START-UP WITH CONTACT SCOTT ANDERSON (EVAPAR) 502-267-6315
- * T1 CONDUIT WILL NEED TO BE PLACED FROM POLE TO BUILDING. (IF A MICROWAVE DISH IS USED, THE T1 CONDUIT WILL STILL BE INSTALLED FOR FUTURE USE.)
- * GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL FENCING.
- * ALL TRASH AND DEBRIS TO BE REMOVED BY GC
- * GC TO SEPERATE ALL MATERIALS & LABOR IN BID.
- * CONTRACTOR TO BREAK DOWN BIDS USING THE FOLLOWING LINE ITEMS:

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

SYMBOLS LEGEND

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



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
SYCAMORE FLAT
 308 DAMIRON CREEK SPUR ROAD RUSSELL SPRINGS, KY. 42662

DRAWN BY: R. BECKER
 ISSUE DATE: 9-25-06
 SCALE: LISTED

SHEET NUMBER
General Notes

BLUEGRASS CELLULAR

Sycamore Flat Site

Drive to directions:

September 25, 2006

Owner: Andrew L. and Anna Lou Antle
Address: 309 Damron Creek Spur Road
Russell Springs, KY 42642

From Jamestown, the county seat of Russell County, Kentucky, take US Highway 127 north 4.9 miles crossing the Cumberland Parkway at Exit 62 and Russell Springs, KY, continue north on US 127 for 5.7 miles to Damron Creek Spur Road on the left. Turn left on Damron Creek Spur Road and go 0.4 miles to site on the left.

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 26 day of January, 2006, by and between Anna Lou Antle and her Husband Andrew Antle whose address is 247 Damron Creek Spur Road, Russell Springs, KY 42642 (the "Optionor (s)") and Cumberland Cellular Partnership, d/b/a Bluegrass Cellular, a Kentucky general partnership with principal office and place of business at 2902 Ring Road, Elizabethtown, KY 42701 (the "Optionee").

WITNESSETH:

WHEREAS, the Optionor(s) is the owner of certain real property located in Russell 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: Sycamore Flat

1. In consideration of **One Thousand Two Hundred Dollars and Zero Cents (\$1,200.00)** 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 27 Jan 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: Sycamore Flat

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

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

11. The parties hereto represent to each other that neither has engaged any broker to represent their interests in connection with the transactions contemplated hereby, and each agrees to indemnify the other against any and all claims made by any brokers engaged or purported to be engaged by the other for brokerage commissions or fees in connection with the transactions contemplated hereby.
12. The Optionor(s) represents, warrants and covenants to the Optionee that the Optionor(s) has not caused or permitted, and shall not cause or permit, and to the best of Optionor(s)' knowledge no other person has caused or permitted any hazardous material (as defined by any applicable federal, state or local law, rule or regulation) to be brought on, 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: Sycamore Flat

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: **247 Damron Creek Spur Rd., Russell Springs, KY 42642**; 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 **Russell** County, **Kentucky**.

II.

LEASE AGREEMENT

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

Site Name: Sycamore Flat

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

Site Name: Sycamore Flat

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.

17. This Option and Lease Agreement contains the entire agreement between the parties hereto and no modification or amendment shall be binding upon any party unless made in writing and signed by each of the parties hereto.

18. Upon the termination or other end of this Lease Agreement, Optionee shall have the right to remove any and all of its property (real or personal) from the Property regardless of whether or not such property may be considered a fixture thereto.

19. Upon abandonment of the property, Optionee shall have thirty (30) days to dismantle and remove the cellular antenna tower and any/all equipment located on Optionor's property.

[Remainder of Page Intentionally Left Blank]

EXECUTION OF AGREEMENT(S)

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

Andrew Antle

Andrew Antle

("Optionor(s)")

By: Anna Lou Antle
Andrew Antle
Property Owners

Date: 1-26-06

[Signature]

("Optionee")

By: Ron Smith
Authorized Representative
Cumberland Cellular Partnership

Date: 1-30-06

STATE OF Kentucky
COUNTY OF Russell

The foregoing instrument was acknowledged before me this 26 day of January, 2006,
by Anna Lou Antle to be her free act and deed.

[Signature]
NOTARY PUBLIC STATE AT LARGE
My Commission Expires: 1-21-09

Site Name: Sycamore Flat

STATE OF Kentucky
COUNTY OF Russell

The foregoing instrument was acknowledged before me this 26 day of January, 2006,
by Andrew Antle to be his/her free act and deed.

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

STATE OF Kentucky
COUNTY OF Hardin

The foregoing instrument was acknowledged before me this 30 day of January,
2006, by Ron Smith, to be his free act and deed.

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

This instrument prepared by:

John Seient

John E. Seient

DINSMORE & SHOHL LLP

1400 PNC Plaza

500 West Jefferson Street

Louisville, KY 40202

(502) 540-2300

LEGAL DESCRIPTION

Those tracts of land lying north of Russell Springs in Russell County, Kentucky, northwest of U.S Highway 127 and southwest of Damron Creek Spur Road, said tracts being a portion of the Andrew L. and Anna Lou Antle property found in Deed Book 129, Page 524 and said tracts being more fully described as follows:

LEASE AREA

"Beginning at a steel pin set on the Andrew L. and Anna Lou Antle property (DB 129, PG 524), said point being S 57° 08' 59" E 198.10 feet from a steel pin found (ID 2077) at the south corner of Kevin Lee and Carolyn Antle property (DB 156, PG 519), thence with a line the through Andrew L. and Anna Lou Antle property for five calls;

- (1) S 54° 49' 57" E 50.00 feet to a point (said point being the ending point of the access and utility easement), thence
- (2) S 54° 49' 57" E 50.00 feet to a steel pin set, thence
- (3) S 35° 10' 03" W 100.00 feet to a steel pin set, thence
- (4) N 54° 49' 57" W 100.00 feet to a steel pin set and
- (5) N 35° 10' 03" E 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."

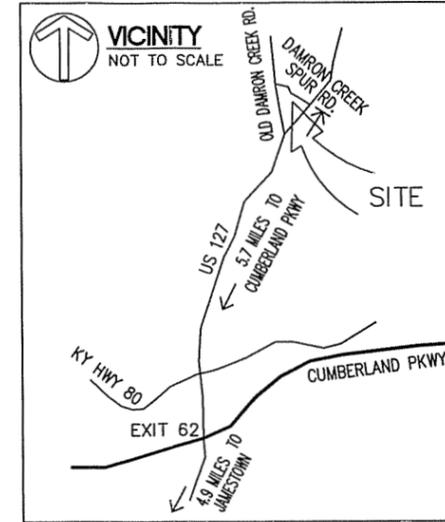
ACCESS AND UTILITY EASEMENT

"A twenty foot wide strip of land the centerline of which is described as beginning at a Magnail set in the center of Damron Creek Spur Road, said point being N 84° 21' 20" E 327.59 feet from a steel pin found (ID 2077) at the south corner of Kevin Lee and Carolyn Antle (DB 156, PG 519), thence from said point of beginning and leaving Damron Creek Spur Road and with a line through the Andrew L. and Anna Lou Antle property (DB 129, PG 524)

S 35° 10' 03" W 206.09 feet to the ending point of the twenty foot wide access and utility easement; also a strip of land twenty foot wide by 100.00 feet long lying northeast and adjacent to the northeast 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."

TOWER CENTER

GRID N: 1930904.5
 GRID E: 1846121.8
 LATITUDE: 37°07'44.7"
 LONGITUDE: 85°02'39.7"
 CONVERGENCE: 0°25'41"
 ELEV: 1063

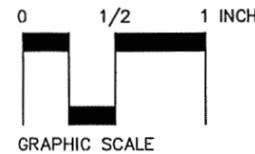
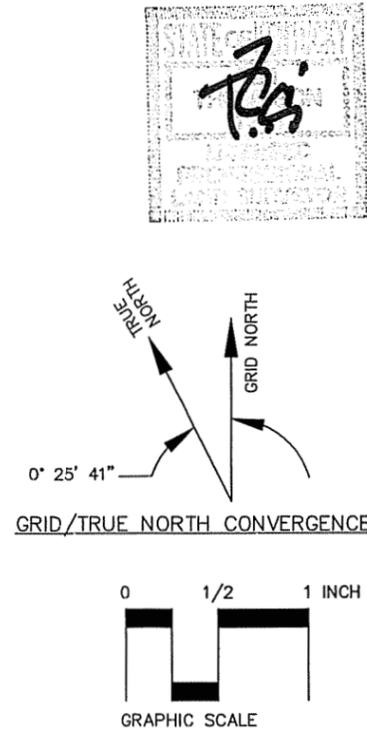
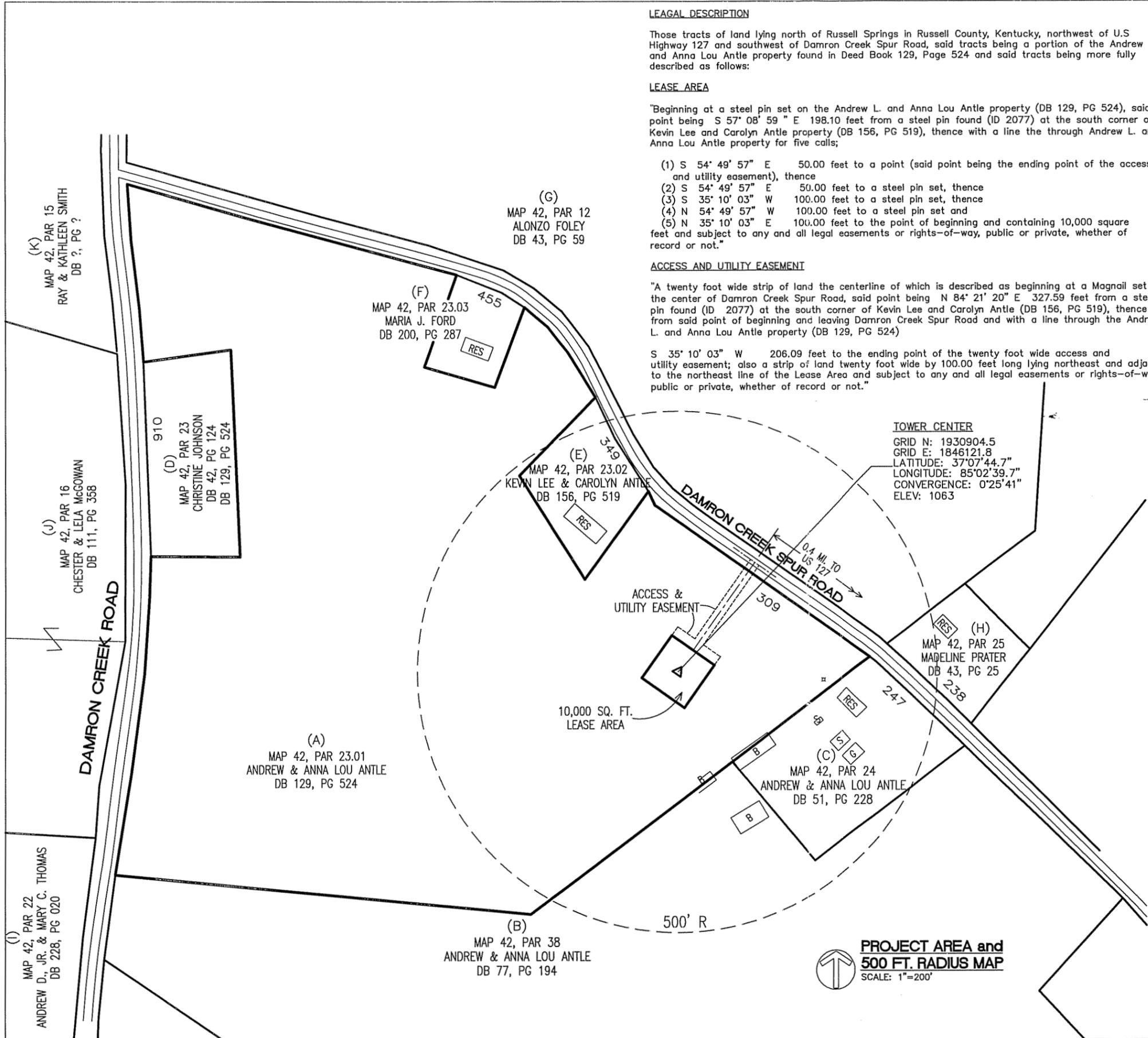


DIRECTIONS TO SITE

FROM JAMESTOWN, THE COUNTY SEAT OF RUSSELL COUNTY, KENTUCKY, TAKE US HIGHWAY 127 NORTH 4.9 MILES CROSSING THE CUMBERLAND PARKWAY AT EXIT 62 AND RUSSELL SPRINGS, KY. CONTINUE NORTH ON US 127 FOR 5.7 MILES TO DAMRON CREEK SPUR ROAD ON THE LEFT. TURN LEFT ON DAMRON CREEK SPUR ROAD AND GO 0.4 MILES TO SITE ON THE LEFT.

NOTES

THE PROPERTIES SHOWN HEREON ARE BASED ON A COMBINATION OF FIELD SURVEY EVIDENCE AND PROPERTY VALUATION ADMINISTRATOR TAX MAPS AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY.



CELLULAR COMMUNICATION TOWER SITE SURVEY
 BLUEGRASS CELLULAR

NAME: SYCAMORE FLAT NO:
 ANDREW and ANNA ANTLE
 PROPERTY
 309 DAMRON CREEK SPUR ROAD
 RUSSELL SPRINGS, RUSSELL CO., KY 42642

BLUEGRASS
 CELLULAR

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

TIM THOMPSON
 Professional Engineer
 Land Surveyor
 232 Henton Court
 Versailles, KY 40383
 (859) 873-5252 FAX (859) 873-2525
 FILE: SYCAMORE_FLAT.DWG
 DATE: SEPT. 27, 2006

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 (SYCAMORE FLATS) IN RURAL
SERVICE AREA #5 (RUSSELL) OF THE COMMONWEALTH
OF KENTUCKY**

CASE NO. 2006-00434

AFFIDAVIT OF JOHN E. SELENT

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

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

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

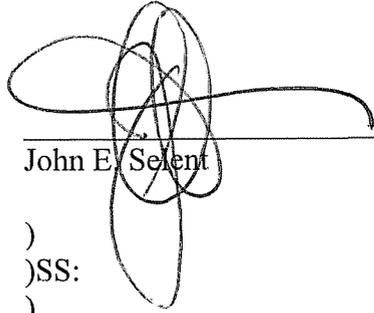
2. In order to demonstrate compliance with 807 KAR 5:063 §1(1)(I), Exhibit 1 identifies, with the exception of the individual identified in paragraphs 4 and 5, the names of the residents/tenants and property owners within 500 feet of the proposed tower who have been: (i) notified by written notice of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

3. Attached as Exhibit 2 is a copy of the United States Certified Mail return receipts that demonstrate proof of service of the written notice of the proposed construction upon the following individuals identified at Exhibit 1, Andrew and Anna Antle, Christine Johnson, Kevin and Carolyn Antle, Alonzo Foley, Madeline Prater, Anthony and Mary Thomas, Chester and Lela McGowan and Ray and Kathleen Smith.

4. Attached as Exhibit 3 is a copy of the returned United States Certified Mail sheet (marked "Return to Sender - Unclaimed - Unable to Forward") that demonstrates the attempted

service of the written notice of the proposed construction upon Maria J. Ford, also identified at Exhibit 1.

Further Affiant saith not.



John E. Seient

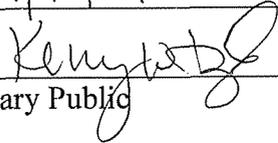
COMMONWEALTH OF KENTUCKY)

)SS:

COUNTY OF JEFFERSON)

SUBSCRIBED AND SWORN to before me this 15th day of November, 2006.

My commission expires: 11/18/07



Notary Public

**BLUEGRASS CELLULAR
SYCAMORE FLAT SITE
309 DAMRON CREEK SPUR ROAD
RUSSELL SPRINGS, RUSSELL COUNTY, KY 42642**

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)	42 – 23.01	Andrew L. and Anna Lou Antle 247 Damron Creek Spur Road Russell springs, KY 42642	DB 129, PG 524 Subject Property
(B)	42 – 38	Andrew L. and Anna Lou Antle 247 Damron Creek Spur Road Russell Springs, KY 42642	DB 77, PG 194
(C)	42 – 24	Andrew L. and Anna Lou Antle 247 Damron Creek Spur Road Russell Springs, KY 42642	DB 51, PG 228
(D)	42 – 23	Christine F. Johnson 910 Damron Creek Road Russell Springs, KY 42642	DB 42, PG 124 (DB 129, PG 524)
(E)	42 – 23.02	Kevin Lee and Carolyn Antle 349 Damron Creek Spur Road Russell Springs, KY 42642	DB 156, PG 519
(F)	42 – 23.03	Maria J. Ford 455 Damron Creek Spur Road Russell Springs, KY 42642	DB 200, PG 287
(G)	42 – 12	Alonzo Foley 440 Damron Creek Spur Road Russell Springs, KY 42642	DB 43, PG 59
(H)	42 – 25	Madeline Prater 238 Damron Creek Spur Road Russell Springs, KY 42642	DB 43, PG 25
(I)	42 – 22	Anthony D., Jr. and Mary C. Thomas 707 Damron Creek Road Russell Springs, KY 42642	DB 228, PG 20
(J)	42 – 16	Chester and Lela McGowan 374-C McGowan Road Russell Springs, KY 42642	DB 111, PG 358
(K)	42 – 15	Ray and Kathleen Smith 9040 Shawnee Trail Nancy, KY 42544	no deed ref



October 13, 2006

Christine F. Johnson
910 Damron Creek Road
Russell Springs, Kentucky 42642

Public Notice

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

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

Please refer to case number 2006-00434 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.	A. Signature <input checked="" type="checkbox"/> <i>Christina Johnson</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Christine F. Johnson 910 Damron Creek Road Russell Springs, Kentucky 42642	B. Received by (Printed Name) C. Date of Delivery <i>CHRISTINA JOHNSON</i> <i>10/18/06</i>
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7005 3110 0003 8723 7250

October 13, 2006

Ray and Kathleen Smith
9040 Shawnee Trail
Nancy, Kentucky 42544

Public Notice

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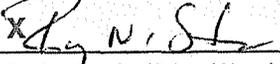
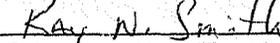
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<p>1. Article Addressed to:</p> <p style="text-align: center;">Ray and Kathleen Smith 9040 Shawnee Trail Nancy, Kentucky 42544</p>	<p>B. Received by (Printed Name) C. Date of Delivery  </p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>2. Article Number (Transfer from service label)</p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
7005 3110 0003 8723 7328	

October 13, 2006

Anthony and Mary Thomas
707 Damron Creek Road
Russell Springs, KY 42642

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1. Article Addressed to:	B. Received by (Printed Name) C. Date of Delivery
Anthony and Mary Thomas 707 Damron Creek Road Russell Springs, KY 42642	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below. <input type="checkbox"/> No 
2. Article Number (Transfer from service label)	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.
PS Form 3811, February 2004	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes 7005 3110 0003 8723 7304 Domestic Return Receipt 102595-02-M-1540

October 13, 2006

Chester and Lila McGowan
374-C McGowan Road
Russell Springs, KY 42642

Public Notice

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<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>Chester and Lila McGowan 374-C McGowan Road Russell Springs, KY 42642</p>	<p>A. Signature x <i>Lila McGowan</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p>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>
2. Article Number (Transfer from service label)	7005 3110 0003 8723 7311

October 13, 2006

Andrew and Anna Antle
247 Damron Creek Spur Road
Russell Springs, Kentucky 42642

Public Notice

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1. Article Addressed to: Andrew and Anna Antle 247 Damron Creek Spur Road Russell Springs, Kentucky 42642	B. Received by (Printed Name) <input checked="" type="checkbox"/> Anna Antle C. Date of Delivery <input type="checkbox"/> 10-16-06
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7005 3110 0003 8723 7243

October 13, 2006

Alonzo Foley
440 Damron Creek Spur Road
Russell Springs, KY 42642

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1. Article Addressed to: Alonzo Foley 440 Damron Creek Spur Road Russell Springs, KY 42642	B. Received by (Printed Name) <i>Anna Antle</i> C. Date of Delivery <i>10-16-06</i>
2. Article Number (Transfer from service label) <u>7005 3110 0003 8723 7274</u>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

October 13, 2006

Kevin and Carolyn Antle
349 Damron Creek Spur Road
Russell Springs, KY 42642

Public Notice

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1. Article Addressed to: Kevin and Carolyn Antle 349 Damron Creek Spur Road Russell Springs, KY 42642	B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery <i>Carolyn Antle</i> <i>10-16-06</i>
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7005 3110 0003 8723 7281

October 13, 2006

Madeline Prater
238 Damron Creek Spur Road
Russell Springs, Kentucky 42642

Public Notice

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1. Article Addressed to: Madeline Prater 238 Damron Creek Spur Road Russell Springs, Kentucky 42642	B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery <i>Madeline PRATER 10-16-06</i>
2. Article Number (Transfer from service label) <u>7005 3110 0003 8723 7267</u>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

October 13, 2006

Maria J. Ford
455 Damron Creek Spur Road
Russell Springs, KY 42642

Public Notice

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Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

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Street, Apt. No.
or PO Box No.
City, State, Zip

Maria J. Ford
455 Damron Creek Spur Road
Russell Springs, KY 42642

PS Form 3800

255 East Fifth Street, Suite 1900
Cincinnati, OH 45202

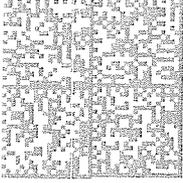
Dinsmore & Shohl
ATTORNEYS LLP

J. C. Gugenheimer
G.R.A.
10-16-06
10-25
10-31

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Maria J. Ford
455 Damron Circle
Russell Springs

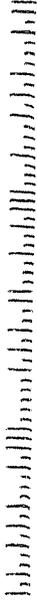
- MOVED LEFT NO ADDRESS
- ATTEMPTED - NOT KNOWN
- UNCLAIMED - NOT KNOWN
- NO SUCH STREET
- NO SUCH STREET
- INSUFFICIENT ADDRESS
- NOT DELIVERABLE ADDRESS



NIXIE 403 1 00 11/01/06
RETURN TO SENDER
UNCLAIMED
UNABLE TO FORWARD
EC: 45202472075 *0915-08277-13-41

426428964 F003

452024720



ENTER DELIVERY ADDRESS AND PHONE NUMBER IN THE RIGHT PLACE STICKER AT TOP OF ENVELOPE OR FRONT OF BOX. DO NOT WRITE IN THESE PLACES.

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

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

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:

Maria J. Ford
455 Damron Creek Spur Road
Russell Springs, KY 42642

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

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7005 3110 0003 8723 7298

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540



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[Track & Confirm](#)

Track & Confirm

Search Results

Label/Receipt Number: 7005 3110 0003 8723 7298
Status: Unclaimed

Your item was returned to the sender on October 31, 2006 because it was not claimed by the addressee.

[Additional Details >](#)

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

Track & Confirm

Enter Label/Receipt Number.

Notification Options

Track & Confirm by email

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



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Search Results

Label/Receipt Number: **7005 3110 0003 8723 7298**
Status: **Notice Left**

We attempted to deliver your item at 2:13 pm on October 16, 2006 in RUSSELL SPRINGS, KY 42642 and a notice was left. It can be redelivered or picked up at the Post Office. If the item is unclaimed, it will be returned to the sender. Information, if available, is updated every evening. Please check again later.

[Track & Confirm](#)

Enter Label/Receipt Number.

Notification Options

Track & Confirm by email

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



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Dinsmore & Shohl LLP
ATTORNEYS

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

October 19, 2006

Via Certified Mail

Russell County Judge Executive
Courthouse
410 Monument Square
Jamestown, KY 42629

RE: Public Notice - Public Service Commission of Kentucky
Case No. 2006-00434

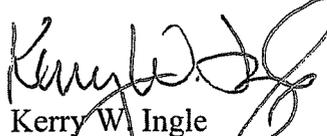
Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky (the Commission") for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular radio telecommunications service in rural service area (RSA) #5 in Russell County. The facility will include a 240 ft. tower and an equipment shelter to be located at 309 Damron Creek Spur Road, Russell Springs, Kentucky, 42642. A map showing the location of the proposed new facility is enclosed.

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

Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to case number 2006-00434 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP


Kerry W. Ingle
Paralegal

enclosure

KWI

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <input type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. <input type="checkbox"/> Print your name and address on the reverse so that we can return the card to you. <input type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>x</i> <i>Glenn Helm</i></p>	
<p>1. Article Addressed to:</p> <p>Russell County Judge Executive Courthouse 410 Monument Square Jamestown, KY 42629</p>	<p>B. Received by (Printed Name)</p> <p>Glenn Helm</p>	<p>C. Date of Delivery</p> <p>10-25-06</p>
<p>2. Article Number (Transfer from service label)</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
	<p>7005 1160 0000 2923 4723</p>	

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

PUBLIC NOTICE

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

TOWER

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

**Cumberland Cellular Partnership
P.O. Box 1432
2321 Englewood
Baltimore, MD 21211**

**Executive Director
The Public Service Commission
300 New York Avenue
P.O. Box 116
Washington, DC 20002**

**Please refer to P.S.C.
Case #2006-00434
in your correspondence.**

PUBLIC NOTICE

Camdenland Cellular Partnership
proposes to
construct a cellular
communications

TOWER

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

Camdenland Cellular
Partnership
10000
Camdenland
Camdenland, NJ 08003
Camdenland Cellular
Partnership
10000
Camdenland
Camdenland, NJ 08003

Please refer to P.S.C.

Case #2006-00434

in your correspondence.

The Times Journal

PO Box 190, 120 WILSON ST., RUSSELL SPRINGS, KY 42642
PHONE 270.866.3191 - www.russellcountry.net - 270.866.3198 FAX

Affidavit of Publication:

Dinsmore & Shol
1400 PNC Plaza
500 W Jefferswon Str
Louisville KY 40202

Run Dates: 11/16, 11/22

26.25x2= 52.50

I hereby affirm that the above listed advertisement was published in The Times Journal on the above listed date and at the size indicated.

Stephanie Smith
Stephanie Smith

11-28-06
Date signed

Notary:

I attest that the above signature is true and correct.

Signed [Signature]

Dated 28 Nov 06

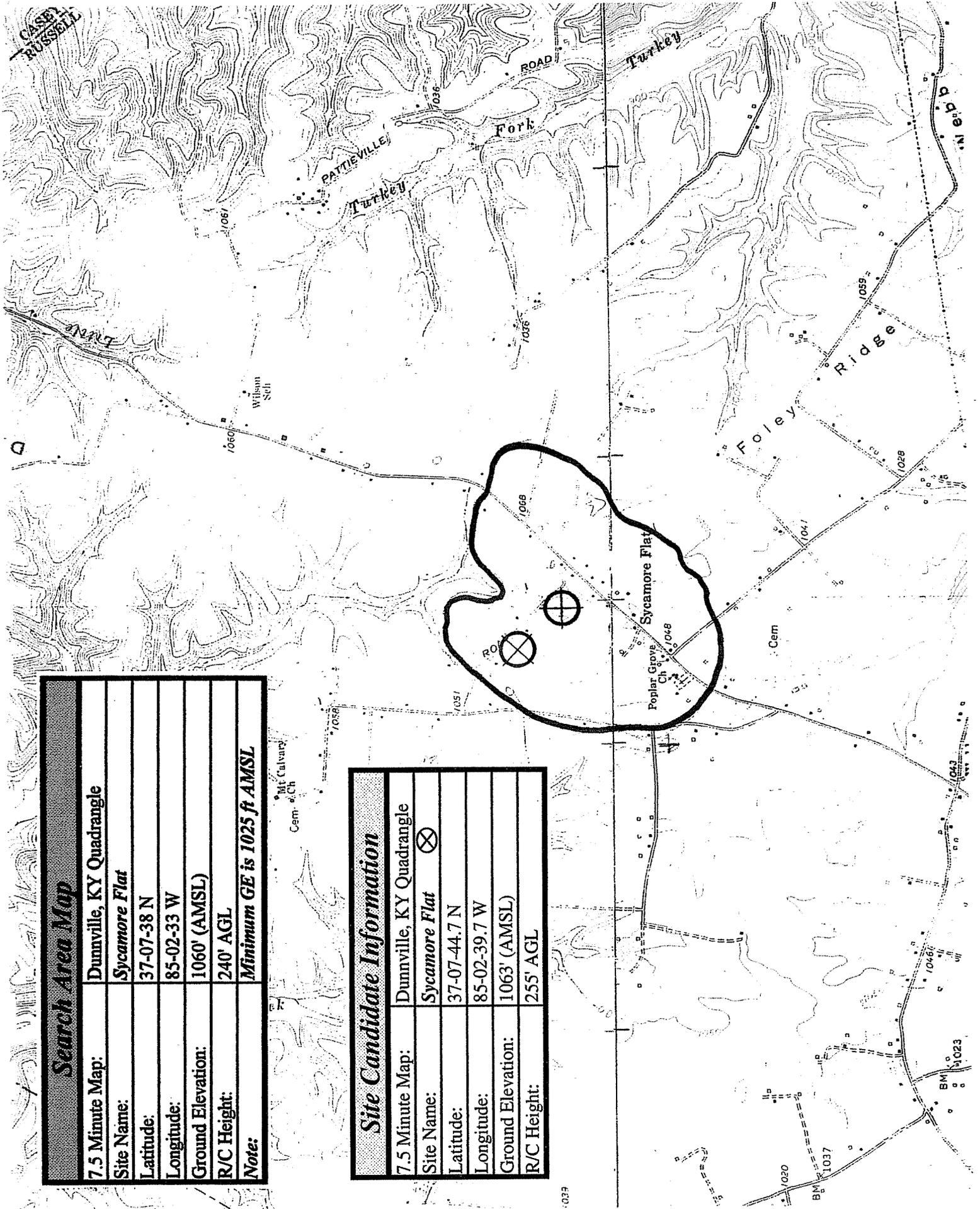
I Greg Wells, am a Kentucky Notary Public - Special Commission, for acts performed in or outside Kentucky for recordation in Kentucky; my commission expires: 5 January, 2010.

Search Area Map

7.5 Minute Map:	Dunnville, KY Quadrangle
Site Name:	Sycamore Flat
Latitude:	37-07-38 N
Longitude:	85-02-33 W
Ground Elevation:	1060' (AMSL)
R/C Height:	240' AGL
Note:	Minimum GE is 1025 ft AMSL

Site Candidate Information

7.5 Minute Map:	Dunnville, KY Quadrangle
Site Name:	Sycamore Flat ⊗
Latitude:	37-07-44.7 N
Longitude:	85-02-39.7 W
Ground Elevation:	1063' (AMSL)
R/C Height:	255' AGL



37°-15'-00" N
85°-00'-00" W

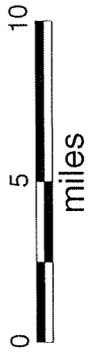
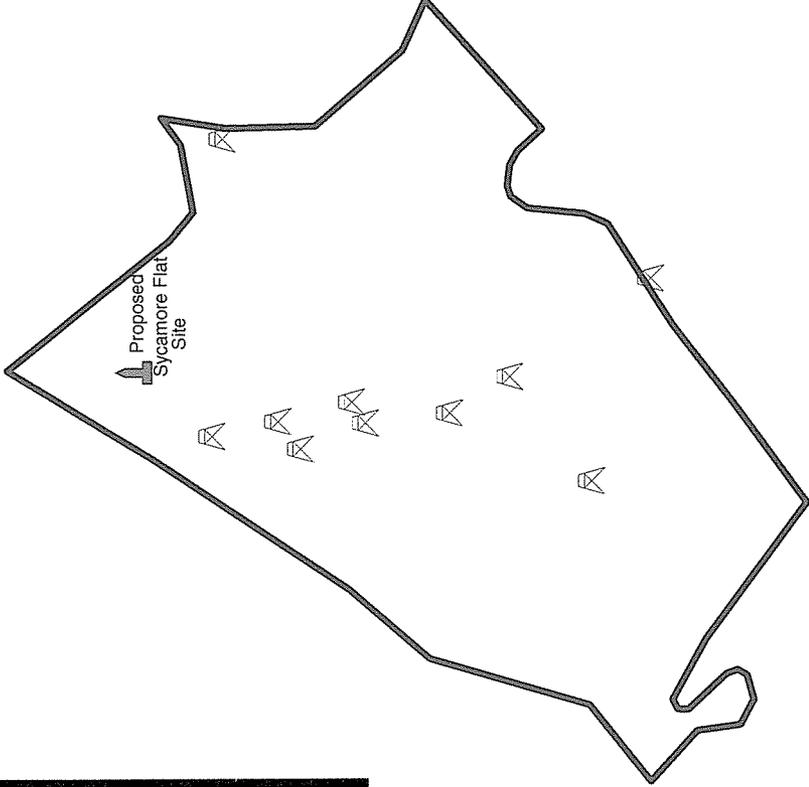
Russell County Boundary

Wireless Tower Locations Registered with the FCC

Proposed Tower location

Tick Marks

Prepared By: LINGS Engineering 10/24/2006



36°-45'-00" N
85°-15'-00" W

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

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1013822	37-03-21 N	84-50-46 W	Russell Springs, KY	Global Tower, LLC
1042205	36-53-48 N	84-59-32 W	Parnell, KY	Global Tower, LLC
1246930	36-57-37.3	85-02-49.7W	Jamestown, KY	Hemphill Corporation
1043881	37-01-31 N	85-04-23 W	Russell Springs, KY	Lake Cumberland Broadcasters
1043973	37-01-53 N	85-03-40 W	Russell Springs, KY	Cumberland Cellular, Inc.
1044511	36-55-25 N	85-06-22 W	Freedom, KY	East Kentucky Power Cooperative
1060800	37-03-16 N	85-05-15 W	Russell Springs, KY	Duo County Telephone Cooperative
1065125	37-05-39 N	85-04-49 W	Russell Springs, KY	Hammond Broadcasting
1232264	37-05-19.7 N	84-54-47.3 W	Russell Springs, KY	Hemphill Corporation
1232919	37-03-51.9	85-04-19.5 W	Russell Springs, KY	Hemphill Corporation
1249806	36-59-14.9 N	85-04-03 W	Jamestown, KY	Shared Towers KY