

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

FEB 16 2011

**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 (GLENS FORK) IN RURAL
SERVICE AREA #5 (ADAIR) OF THE COMMONWEALTH
OF KENTUCKY**

CASE NO. 2011-00013

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

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

1. Pursuant to the FCC Order, Docket No. 08-165, dated November 18, 2009, ¶ 32, pp. 11 & 12, the Commission has 150 days to process this application for a certificate of public convenience and necessity to construct a cell tower facility. If the Commission fails to act upon act upon this application within 150 days, then Cumberland Cellular may seek redress with the U.S. District Court for the Eastern District of Kentucky.¹

¹In the Matter of: Petition for Declaratory Ruling to Clarify Provisions of Section 332(c)(7)(B) to Ensure Timely Siting Review and to Preempt Under Section 253 State and Local Ordinances that Classify all Wireless Siting Proposals as Requiring a Variance, FCC Order, Docket No. 08-165, November 18, 2009, pp 11 and 12. “Specifically, we find that a “reasonable period of time” is, presumptively 90 days to process personal wireless service facility siting applications requesting collocations, and, also presumptively, 150 days to process all other applications. Accordingly, if State or local governments do not act upon applications within those timeframes, then a “failure to act” has occurred and personal wireless service providers may seek redress in a court of competent jurisdiction within 30 days, as provided in Section 332(c)(7)(B)(v).” See also Order Denying Motion for Reconsideration, issued August 4, 2010.

2. 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.

3. Pursuant to 807 KAR § 1 (1)(b), a copy of the applicant's application to and approval from the Federal Aviation Administration, and the application to the Kentucky Airport Zoning Commission are Exhibit "A." Written authorization from the Kentucky Airport Zoning Commission will be supplied to the Commission upon its approval.

4. 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.

5. 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."

6. 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."

7. Pursuant to 807 KAR 5:063 §1(1)(g), experienced personnel will manage and operate the Glens Fork 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 Glens Fork 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.

8. Pursuant to 807 KAR 5:063 §1(1)(g), World Tower Company, Inc. is responsible for the design specifications of the proposed tower (identified in Exhibit “B”).

9. Pursuant to 807 KAR 5:063 §1(1)(h), a site development plan and 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.”

10. 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.”

11. 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.”

12. 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.”

13. 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.

14. 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.

15. 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.”

16. Pursuant to 807 KAR 5:063 § 1 (1)(n), applicant’s legal counsel hereby affirms that the Adair County Judge Executive has been: (i) notified by certified mail, return receipt requested, of the proposed construction; (ii) given the commission docket number under which the application will be processed; and (iii) informed of its right to request intervention.

17. Pursuant to 807 KAR 5:063 §1(1)(o), a copy of the notice sent to the Adair County Judge Executive is Exhibit “G.”

18. 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.

19. 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.”

20. 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 and is attached as Exhibit "I."

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

22. 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.

23. 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."

24. 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."

25. 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.

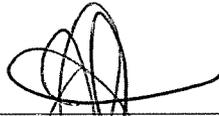
26. Correspondence and communication with regard to this application should be addressed to:

John E. Selent
Holly C. Wallace
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 585-2207 (Fax)
john.selent@dinslaw.com
holly.wallace@dinslaw.com

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

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

Respectfully submitted,



John E. Selent
Holly C. Wallace
DINSMORE & SHOHL LLP
1400 PNC Plaza
500 West Jefferson Street
Louisville, KY 40202
(502) 540-2300
(502) 585-2207 (Fax)
john.selent@dinslaw.com
holly.wallace@dinslaw.com



Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 90 Airport Rd, Bldg 400, Frankfort, KY 40601

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

INSTRUCTIONS INCLUDED

<p>1. APPLICANT -- Name, Address, Telephone, Fax, etc. Scott McCloud Bluegrass Cellular 2902 Ring Road Elizabethtown, KY 42702 T: 270-769-0339 F: 270-737-0580</p>	<p>9. Latitude: <u>37</u> ° <u>0</u> ' <u>27</u> 84 "</p> <p>10. Longitude: <u>85</u> ° <u>15</u> ' <u>14</u> 60 "</p> <p>11. Datum: <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other _____</p> <p>12. Nearest Kentucky City: <u>Glens Fork</u> County <u>Adair</u></p> <p>13. Nearest Kentucky Public Use or Military Airport: <u>Columbia-Adair County Airport</u></p> <p>14. Distance from #13 to Structure: <u>7.4 Miles</u></p> <p>15. Direction from #13 to Structure: <u>SE</u></p> <p>16. Site Elevation (AMSL): <u>939.00</u> Feet</p> <p>17. Total Structure Height (AGL): <u>255.00</u> Feet</p> <p>18. Overall Height (#16 + #17) (AMSL): <u>1,194.00</u> Feet</p> <p>19. Previous FAA and/or Kentucky Aeronautical Study Number(s): <u>N/A</u></p> <p>20. Description of Location: (Attach USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey.) Site is located at: <u>340 J. Brummett Road</u> <u>Glens Fork, KY 42741</u></p>
<p>2. Representative of Applicant -- Name, Address, Telephone, Fax Leila Rezanavaz Lukas, Nace, Gutierrez & Sachs, LLP 8300 Greensboro Drive, Suite 1200 McLean, VA 22102 T: 703-584-8668 F: 703-584-8694</p>	
<p>3. Application for: <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing</p> <p>4. Duration: <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Months _____ Days _____)</p> <p>5. Work Schedule: Start <u>01/25/11</u> End <u>01/30/11</u></p> <p>6. Type: <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Crane <input type="checkbox"/> Building <input type="checkbox"/> Power Line <input type="checkbox"/> Landfill <input type="checkbox"/> Water Tank <input type="checkbox"/> Other _____</p> <p>7. Marking/Painting and/or Lighting Preferred: <input type="checkbox"/> Red Lights & Paint <input checked="" type="checkbox"/> Dual - Red & Medium Intensity White <input type="checkbox"/> White - Medium Intensity <input type="checkbox"/> Dual - Red & High Intensity White <input type="checkbox"/> White - High Intensity <input type="checkbox"/> Other _____</p> <p>8. FAA Aeronautical Study Number <u>2010-ASO-7024-OE</u></p>	

21. Description of Proposal:

Structure: Proposed self-supporting tower with top-mounted antennas for overall height of 255' AGL.
 Max. ERP: 250 Watts
 Frequencies: Cellular Band B

22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?
 No Yes, When December 20, 2010

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 / Senior Consulting Engineer Leila Rezanavaz 12/21/10
 Printed Name & Title 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). Noncompliance with Federal Aviation Administration Regulations may result in further penalties.

Commission Action: Chairperson, KAZC Administrator, KAZC

Approved Disapproved _____ Date _____



Federal Aviation Administration
 Air Traffic Airspace Branch, ASW-520
 2601 Meacham Blvd.
 Fort Worth, TX 76137-0520

Aeronautical Study No.
 2010-ASO-7024-OE

Issued Date: 02/03/2011

Scott McCloud
 Bluegrass Cellular, Inc.
 2902 Ring Road
 Elizabethtown, KY 42701

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Antenna Tower Glens Fork
 Location: Glens Fork, KY
 Latitude: 37-00-27.84N NAD 83
 Longitude: 85-15-14.60W
 Heights: 255 feet above ground level (AGL)
 1195 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked and/or lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

This determination expires on 08/03/2012 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO

SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (847) 294-7575. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2010-ASO-7024-OE.

Signature Control No: 134645954-136646982

(DNE)

Vivian Vilaro
Specialist

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2010-ASO-7024-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W



Federal Aviation Administration

« OE/AAA

Notice of Proposed Construction or Alteration - Off Airport

Project Name: BLUEG-000163027-10

Sponsor: Bluegrass Cellular, Inc.

Details for Case : Glens Fork

Show Project Summary

Case Status

ASN: 2010-A50-7024-OE
 Status: Accepted

Date Accepted: 12/20/2010
 Date Determined:
 Letters: None
 Documents: 12/20/2010 ZC-Survey.pdf

Construction / Alteration Information

Notice Of: Construction
 Duration: Permanent
if Temporary : Months: Days:
 Work Schedule - Start: 01/25/2011
 Work Schedule - End: 01/30/2011
 State Filing: Filed with State

Structure Summary

Structure Type: Antenna Tower
 Structure Name: Glens Fork
 NOTAM Number:
 FCC Number:
 Prior ASN:

Structure Details

Latitude: 37° 0' 27.84" N
 Longitude: 85° 15' 14.60" W
 Horizontal Datum: NAD83
 Site Elevation (SE): 939 (nearest foot)
 Structure Height (AGL): 255 (nearest foot)
** If the entered AGL is a proposed change to an existing structure's height include the current AGL in the Description of Proposal.*

Common Frequency Bands

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W

Requested Marking/Lighting: Dual-red and medium intensity

Other :

Recommended Marking/Lighting:

Current Marking/Lighting:

N/A New Structure

Other :

Nearest City:

Glens Fork

Nearest State:

Kentucky

Description of Location:

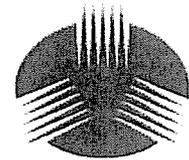
340 J. Brummelt road
 GlensFork, KY 42741

On the Project Summary page upload any certified survey.

Description of Proposal:

Proposed 255' Self-supporting tower with top-mounted antennas

Specific Frequencies



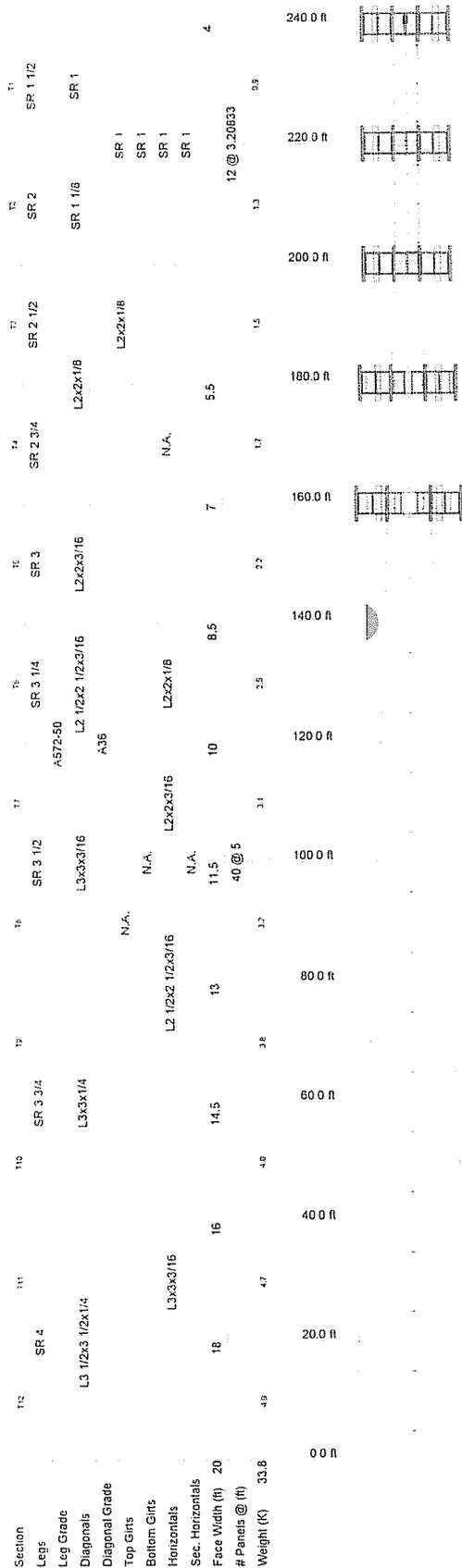
World Tower
COMPANY, INC

1213 Compressor Drive
P O Box 508
Mayfield, KY 42066
270-247-3642
FAX: 270-247-0909
E-mail: worldtower@worldtower.com
Web: www.worldtower.com

240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR
SITE: GLENS FORK
ADAIR COUNTY, KY
DESIGN PACKAGE



Fabrication, Installation and Maintenance of TV, AM, FM & Wireless Communications Towers



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Flash Beacon Lighting	240	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	200
WD13X53 Antenna Mounting Frame (w/ .75")	240	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	200
WD13X53 Antenna Mounting Frame (w/ .75")	240	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	200
WD13X53 Antenna Mounting Frame (w/ .75")	240	WD13X53 Antenna Mounting Frame (w/ .75")	180
(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	240	WD13X53 Antenna Mounting Frame (w/ .75")	180
(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	240	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	180
(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	240	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	180
WD13X53 Antenna Mounting Frame (w/ .75")	220	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	180
WD13X53 Antenna Mounting Frame (w/ .75")	220	WD13X53 Antenna Mounting Frame (w/ .75")	160
(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	220	WD13X53 Antenna Mounting Frame (w/ .75")	160
(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	220	WD13X53 Antenna Mounting Frame (w/ .75")	160
(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	220	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	160
WD13X53 Antenna Mounting Frame (w/ .75")	200	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	160
WD13X53 Antenna Mounting Frame (w/ .75")	200	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	160
WD13X53 Antenna Mounting Frame (w/ .75")	200	(2) Antel RWB 80014/120 w/ mnt pipe(Panel 96.5"x11.2"x5.9")*	160
		6' Gnd Dish	140

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

- 1 Tower designed for Exposure C to the TIA-222-G Standard.
- 2 Tower designed for a 90.00 mph basic wind in accordance with the TIA-222-G Standard
- 3 Tower is also designed for a 30.00 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
- 4 Deflections are based upon a 60.00 mph wind
- 5 Tower Structure Class II
- 6 Topographic Category 1 with Crest Height of 0.00 ft
- 7 Tower designed for feedlines distributed on 3 tower faces with a max of 6 lines exposed to the wind on any one face
- 8 Weak link in diagonals from 140' to 120'
- 9 TOWER RATING: 94.8%

ALL REACTIONS ARE FACTORED

MAX CORNER REACTIONS AT BASE
 DOWN: 392 K
 UPLIFT: -329 K
 SHEAR: 32 K

AXIAL
 188 K

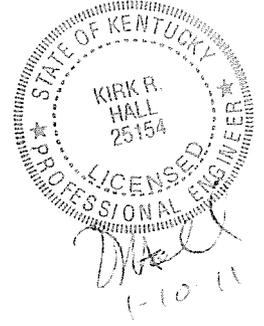
SHEAR 6 K MOMENT 833 kip-ft

TORQUE 1 kip-ft
 30.00 mph WIND - 0.75 in ICE

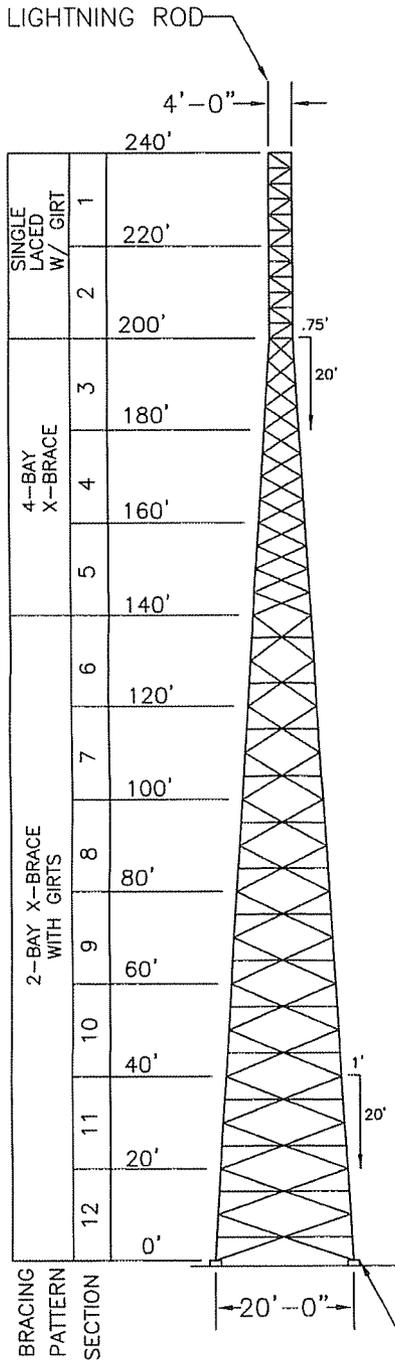
AXIAL
 76 K

SHEAR 49 K MOMENT 6356 kip-ft

TORQUE 3 kip-ft
 REACTIONS - 90.00 mph WIND



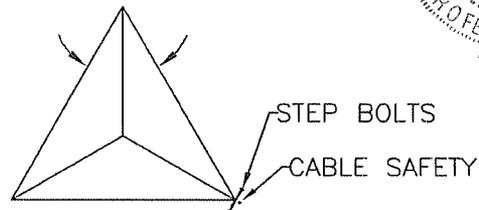
World Tower Company	Job: 240' Standard WSST Jobs Q11-004 & 005
1213 Compressor Drive	Project: Glens Fork or Hestand, Kentucky
Mayfield, Kentucky 42066	Client: Bluegrass Cellular
Phone: (270) 247-3642	Drawn by: Kirk Hall
FAX: (270) 247-0909	Date: 01/06/11
	App'd: _____
	Scale: NTS
	Dwg No E-1



TOWER ELEVATION

ANCHOR BOLTS WITH EMBEDDED PL.

60° TYP.



TOWER PLAN

GENERAL NOTES

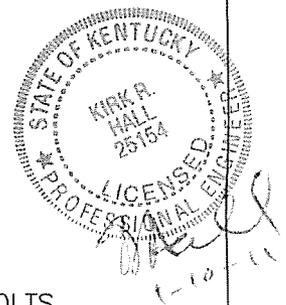
1. TOWER IS DESIGNED TO SUPPORT THE GIVEN LOAD AND MEET THE PROVISIONS OF TIA-222-G FOR A 90 MPH BASIC WIND SPEED WITH NO ICE. TOWER IS ALSO DESIGN FOR A 30 MPH BASIC WIND SPEED WITH 3/4" ICE. STRUCTURE CLASS II, EXP. CAT. C AND TOPO. CAT. 1.
2. WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISION OF THE AMERICAN WELDING SOCIETY AWS. D 1.1.
3. TOWER AND ALL FABRICATED ACCESSORIES ARE HOT-DIP GALVANIZED.
4. ALL BOLTS SHALL BE GALVANIZED ACCORDING TO THE STANDARD SPECIFICATION FOR ZINC COATING OF IRON AND STEEL HARDWARE ASTM A153.
5. LEG STEEL IS 50 KSI MIN YIELD SOLID ROUND AND BRACING STEEL IS 36 KSI MIN YIELD SOLID ROUND OR STRUCTURAL ANGLE.
6. ALL STRUCTURAL BOLTS ARE ASTM A325.
7. TOWER IS DESIGNED FOR ALL LINES TO BE MOUNTED ACCORDING TO DRAWING Q11004WG.
8. TOWER SHOULD BE INSPECTED IN ACCORDANCE WITH EIA-222-G EVERY 5 YEARS.
9. TOWER INSPECTION SHOULD ONLY BE PERFORMED BY EXPERIENCED QUALIFIED PERSONNEL. FOR ASSISTANCE IN PROPER MAINTENANCE OF YOUR TOWER, CALL WORLD TOWER AT 270-247-3642.
10. STEP BOLTS PROVIDED ON ONE LEG FROM 60' TO 240' AND 3 LEGS FROM 0' TO 60'.
11. CABLE SAFETY 0'-240'.

WORLD TOWER

TITLE:

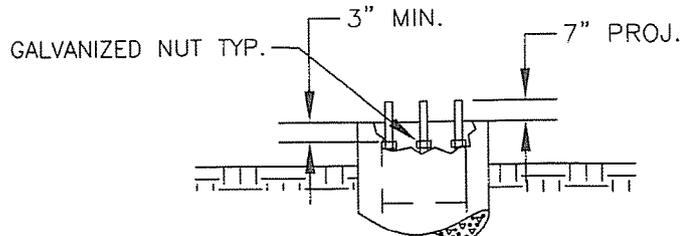
240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR
SITE: GLENS FORK
ADAIR COUNTY, KY

SCALE	NONE	DWN.	LKB	CHKD.	DATE	1-10-11
FILE					DWG. NO.	Q11004

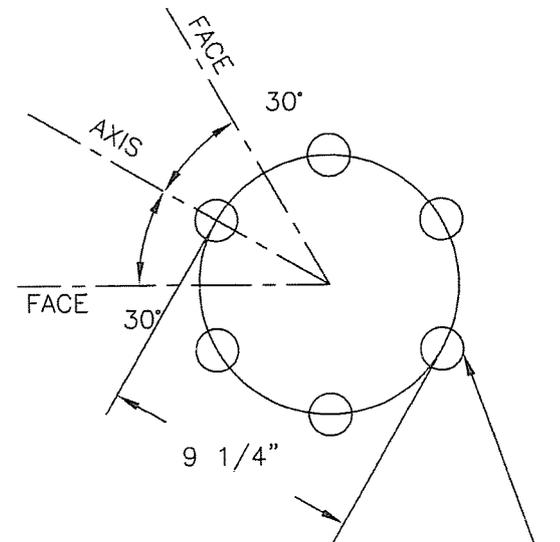


BASE REACTIONS

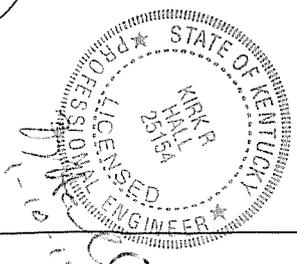
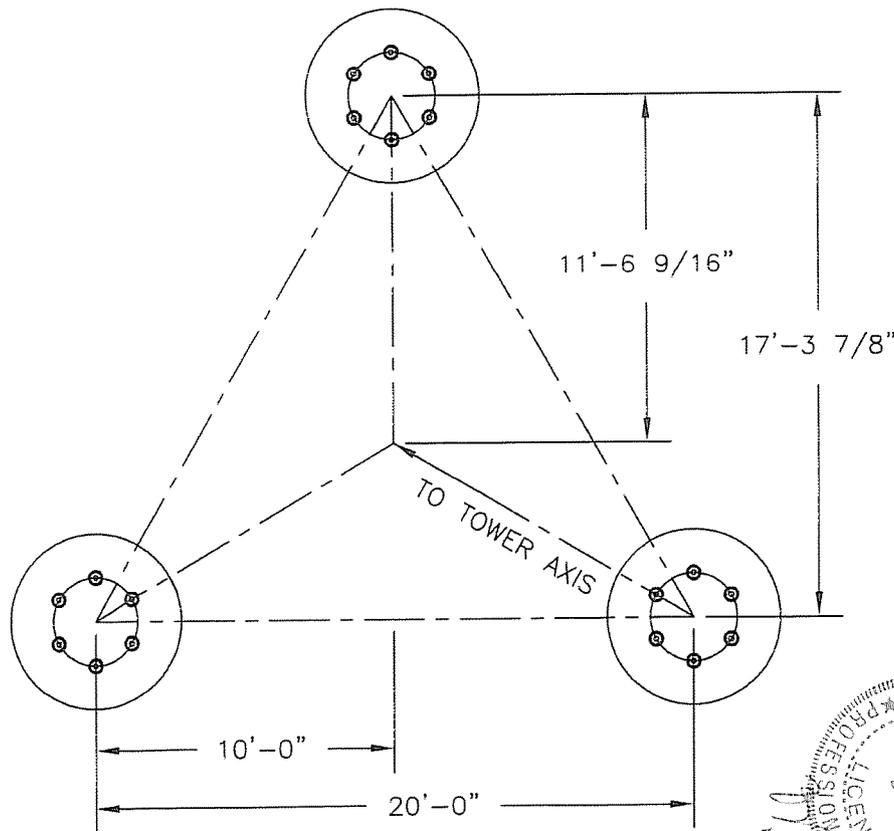
OTM:	6356.0	FT. KIPS
COMP.	392.0	KIPS
UPLIFT	329.0	KIPS
SHEAR (3 LEGS)	49.0	KIPS
WT. NO ICE	76.0	KIPS
WT. 3/4" ICE	188.0	KIPS



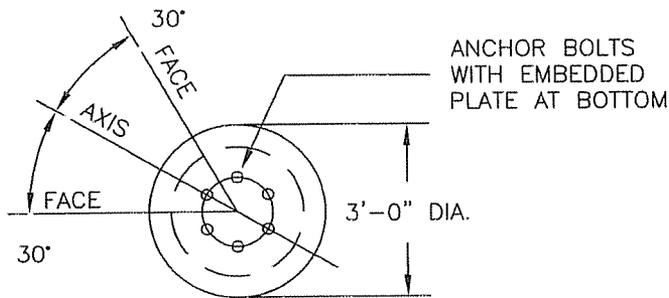
PIER ELEVATION



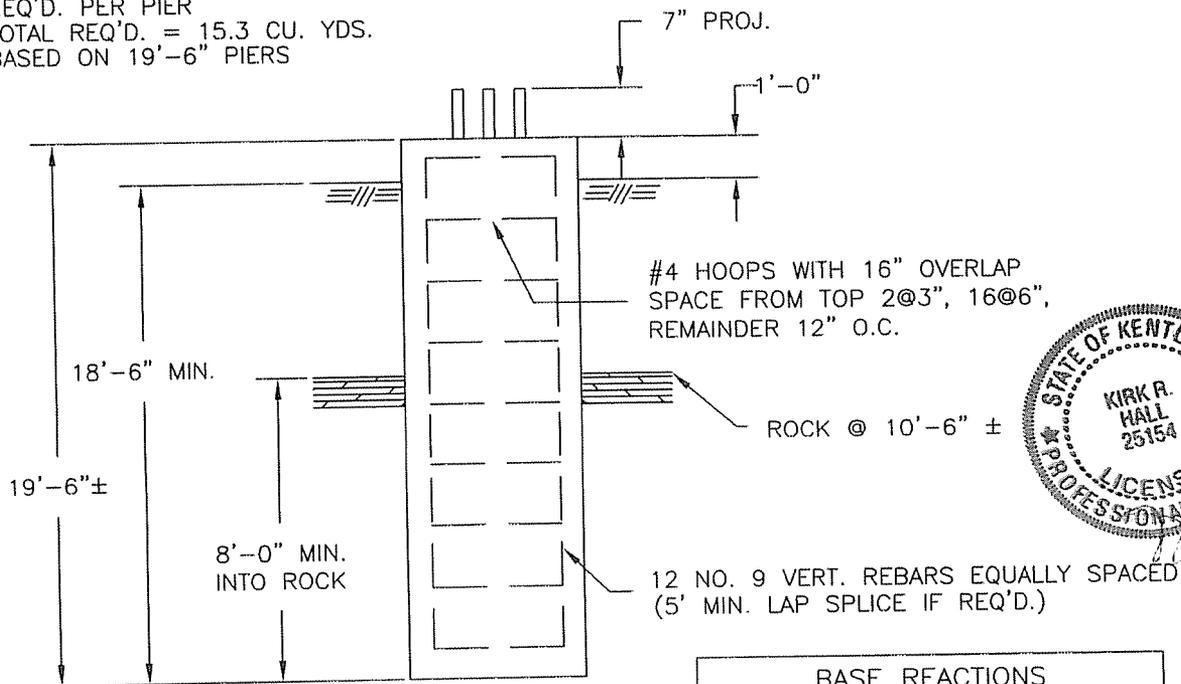
ANCHOR BOLTS 6 (18 TOTAL)
 1 1/4"Ø X 80" ASTM A354 GR. BC
 EQUALLY SPACED ON A 9 1/4"
 DIA. BOLT CIRCLE WITH TOP TEMPLATE
 AND EMBEDDED PLATE



WORLD TOWER			
TITLE: ANCHOR BOLT LAYOUT 240' MODEL WSST TOWER FOR: BLUEGRASS CELLULAR SITE: GLENS FORK ADAIR COUNTY, KY			
SCALE NONE	DWN. LKB	CKD.	DATE 1-10-11
FILE	DWG. NO. Q11004AB		



5.11 CU. YDS. CONCRETE
 REQ'D. PER PIER
 TOTAL REQ'D. = 15.3 CU. YDS.
 BASED ON 19'-6" PIERS



BASE REACTIONS	
OTM:	6356.0 FT. KIPS
COMP.	392.0 KIPS
UPLIFT	329.0 KIPS
SHEAR (3 LEGS)	49.0 KIPS
WT. NO ICE	76.0 KIPS
WT. 3/4" ICE	188.0 KIPS

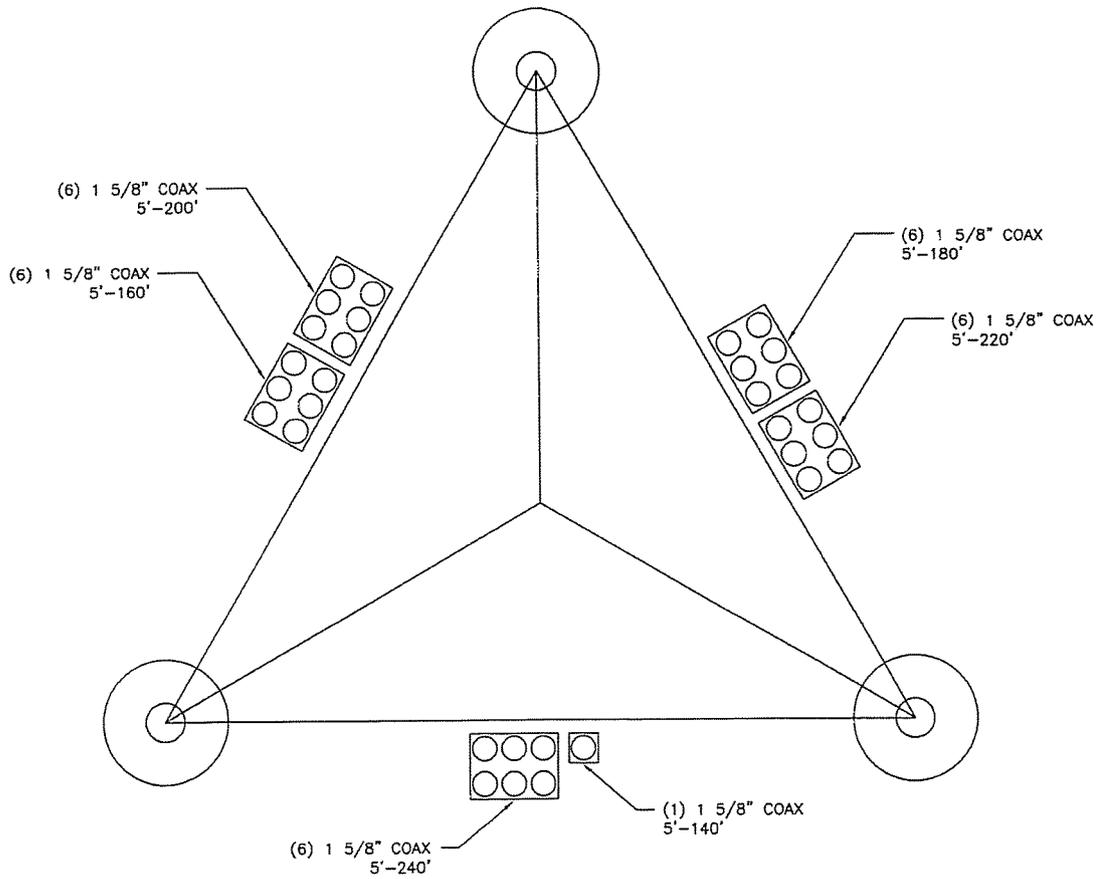
GENERAL NOTES

1. CONCRETE TO HAVE 4000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS.
2. ALL REINFORCEMENT STEEL IS DEFORMED AND MEETS THE STRENGTH REQUIREMENTS OF ASTM A615 GRADE 60.
3. EMBEDDED STEEL TO HAVE 3" MIN. CONCRETE COVER.
4. FOUNDATION DESIGN IS BASED ON CUSTOMER SUPPLIED SOIL DATA FROM TERRACON. PROJECT NUMBER 57105041 DATED NOVEMBER 30, 2010.

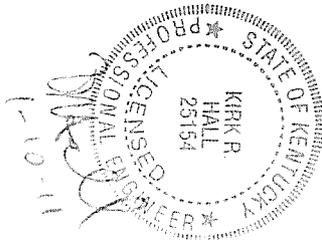
TITLE: FOUNDATION DETAIL
 240' MODEL WSST TOWER
 FOR: BLUEGRASS CELLULAR
 SITE: GLENS FORK
 ADAIR COUNTY, KY

WORLD TOWER

SCALE	NONE	DWN.	LKB	CKD.	DATE	1-10-11
FILE	DWG. NO. Q11004F					



PLAN VIEW



WORLD TOWER

TITLE: WAVEGUIDE LOCATION
 240' MODEL WSST TOWER
 FOR: BLUEGRASS CELLULAR
 SITE: GLENS FORK
 ADAIR COUNTY, KY

SCALE NONE	DWN. LKB	CKD.	DATE 1-10-11
FILE	DWG. NO. Q11004WG		

Geotechnical Engineering Report

Proposed 240' Self-Supporting Tower

Glens Fork

Glens Fork, Adair County, Kentucky

November 30, 2010

Project No. 57105041

Prepared for:

Cumberland Cellular Partnership

A Kentucky General Partnership

d/b/a Bluegrass Cellular

Elizabethtown, Kentucky

Prepared by:

Terracon Consultants, Inc.

Louisville, Kentucky

Offices Nationwide
Employee-Owned

Established in 1965
terracon.com

Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

November 30, 2010



Cumberland Cellular Partnership
A Kentucky General Partnership
d/b/a Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42702

Attn: Mr. Doug Updegraff

Re: Geotechnical Engineering Report
Proposed 240' Self Supporting Tower
Site Name: Glens Fork
Glens Fork, Adair County, Kentucky
Terracon Project No.: 57105041

Dear Mr. Updegraff:

Terracon Consultants, Inc. (Terracon) has completed the geotechnical engineering services for the above referenced project. This report presents the findings of the subsurface exploration and provides geotechnical recommendations concerning earthwork and the design and construction of foundations for the proposed project.

Terracon's geotechnical design parameters and recommendations within this report apply to the existing planned tower height and would apply to adjustments in the tower height, up to a 20% increase or decrease in 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. self-support to monopole), 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, please contact us.

Sincerely,
Terracon Consultants, Inc.

Matthew R. Haines, E.I.
Staff Engineer

Reviewed by: Timothy G. LaGrow, P.E. – Senior Principal

Nathan H. Bryan, Jr., P.E.
Geotechnical Department Manager
Kentucky PE#-27232

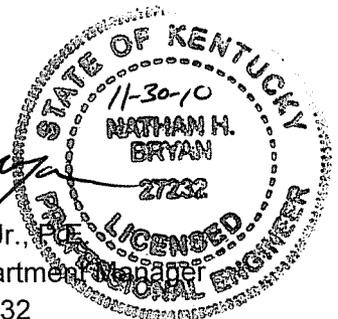


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APPENDIX

- Boring Location Plan
- Boring Log
- Field Exploration and Laboratory Testing
- General Notes
- Unified Soil Classification
- General Notes - Sedimentary Rock Classification

**GEOTECHNICAL ENGINEERING REPORT
 PROPOSED 240' SELF-SUPPORTING TOWER
 GLENS FORK
 GLENS FORK, ADAIR COUNTY, KENTUCKY
 Terracon Project No. 57105041
 November 30, 2010**

1.0 PROJECT INFORMATION

1.1 Project Description

ITEM	DESCRIPTION
Site layout	See Appendix, Figure 1, Boring Location Diagram
Site Dimensions	About 100 feet by 100 feet
Tower	Self-Supporting 240 feet tall
Maximum loads	Vertical: 600 kips (assumed) Shear: 80 kips (assumed) Uplift: 500 kip-ft (assumed)
Maximum allowable settlement	1-inch (assumed)
Equipment Building: Maximum Loads	Column: 25 kips (assumed) Wall: 1.5 kips/ft (assumed)
Equipment Building: Maximum allowable settlement	Total Settlement: 1-inch (assumed) Differential Settlement: ¼ inch over 40 feet (assumed)
Grading	Cut: 2 feet (+/-) max (assumed) Fill: 2 feet (+/-) max (assumed)

1.2 Site Location and Description

ITEM	DESCRIPTION
Location	The project site is located at 340 J. Brummett Road, Glens Fork, Adair County, Kentucky 42741 near Latitude: 37.00772, Longitude: -85.25400.
Existing improvements	Undeveloped grass pasture
Current ground cover	Grass and weeds
Existing topography	Relatively level to gently sloping

The above presentation of pertinent project information is based on our understanding of the plans and information provided to Terracon Consultants, Inc. (Terracon). If this project information is not consistent with the development plans for the site, please inform us of any discrepancies or change in plans.

2.0 SUBSURFACE CONDITIONS

2.1 Geology

FORMATION ¹	DESCRIPTION
Fort Payne Formation	This formation consists of shale and limestone. Shale is light-olive-gray, grayish-blue-green near limestone, silty, calcareous, sandy and dense. Limestone is yellowish-gray, medium to very coarse grained crossbedded and cherty.

1. Based on the Geologic Map of Columbia quadrangle, Kentucky, published by the Kentucky Geological Survey (1963).

2.2 Typical Profile

The boring was drilled at the approximate tower location. Based on the results of our boring, the subsurface conditions on the project site can be generalized as follows:

Description	Approximate Depth to Bottom of Stratum (feet)	Material Encountered	Consistency/Density
Surface	8 inches	Topsoil	N/A
Stratum 1	9½	Fat Clay with sandstone fragments	Stiff to Very Stiff ¹
Stratum 2	10½	Weathered Sandstone	Hard
Stratum 3	15½	Sandstone Rock	Recovery = 100% RQD = 100%
Stratum 4	20½ - Boring Terminated	Limestone Rock	Recovery = 92% RQD = 90%

1. The native fat clay is considered stiff to very stiff based on measured SPT N-values ranging from 13 to 18 blows per foot (bpf).

Specific conditions encountered at the boring location are indicated on the attached boring log. Stratification boundaries on the boring log represent the approximate location of changes in soil and rock types; in-situ, the transition between materials may be gradual. Further details of the boring can be found on the boring log in the Appendix of this report.

2.3 Groundwater

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

3.0 RECOMMENDATIONS FOR DESIGN AND CONSTRUCTION

3.1 Geotechnical Considerations

Based on the encountered subsurface conditions, the proposed tower can be either founded on drilled piers or on a mat foundation. The equipment building may be supported on shallow spread footings. Design recommendations for the tower drilled piers and a mat foundation as well as shallow footings for the equipment building are presented in the following paragraphs.

3.2.1 Drilled Pier Foundation System

The proposed tower can be founded on a straight shaft drilled pier foundation system. Based on the results of field and laboratory testing, we have developed the following drilled pier design parameters.

Approximate Depth (feet) ¹	Allowable Skin Friction (psf)	Allowable End Bearing Pressure (psf)	Allowable Passive Pressure (psf)	Cohesion (psf)	Internal Angle of Friction (Degrees)	Strain ϵ_{50}	Lateral Subgrade Modulus (pci)
0 – 3	Ignore	Ignore	Ignore	Ignore	Ignore	Ignore	Ignore
Fat Clay 3 – 10½	475	Ignore	2,000	2,000	--	0.006	160
Competent Sandstone / Limestone 10½ – 20½	5,000 ²	40,000	10,000 ²	100,000 ²	--	0.00001	3000

1. Pier observation is recommended to adjust pier length if variable soil/rock conditions are encountered. A total unit weight of 115 and 160 pcf can be assumed for the clay and bedrock, respectively.
2. The pier should be embedded a minimum of 3 feet into the competent sandstone/limestone to mobilize these higher rock strength parameters. Furthermore, it is assumed the rock socket will be extended using coring techniques rather than blasting/shooting.

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

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November 30, 2010 ■ Terracon Project No. 57105041



The upper 3 feet of topsoil and lean clay should be ignored due to the potential affects of frost action and construction disturbance. To avoid a reduction in uplift and lateral resistance caused by variable bedrock depths and bedrock quality, it is recommended that a minimum pier length and minimum competent rock socket length be stated on the design drawings. Competent rock was encountered in our boring below a depth of about 10½ feet, but could vary between tower legs, if the tower is moved from the location of our boring, or if significant grade changes occur at the site. If the tower center is moved more than 25 feet, our office should be notified to review our 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 excavations.

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

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

3.2.2 Shallow Mat Foundation System

If desired, a mat foundation can be used to support the proposed tower. The mat foundation can be designed using the following natural soil/engineered fill parameters.

DESCRIPTION	VALUE
Foundation Subgrade ¹	Approved native soil or engineered granular fill extending to approved native soil
Net allowable bearing pressure ²	3,500 psf
Allowable passive pressure ³	1,250 psf
Coefficient of sliding friction ³	0.35
Vertical Modulus of Subgrade Reaction (pci)	100
Minimum embedment below finished grade for frost protection	18 inches
Approximate total settlement ⁴	1 inch

1. A geotechnical engineer should verify footing subgrade prior to concrete placement.

2. Assumes any soft or unsuitable soils, if encountered, will be undercut and replaced with approved engineered granular fill. The recommended net allowable bearing pressure is the pressure in excess of the minimum surrounding overburden pressure at the footing base elevation.

(Continued from previous page)

3. The sides of the excavation for the spread footing foundation must be nearly vertical and the concrete should be placed neat against these vertical faces for the passive earth pressure values to be valid. If the loaded side is sloped or benched, and then backfilled, the allowable passive pressure will be significantly reduced. Passive resistance in the upper 3 feet of the soil profile should be neglected. Lateral resistance due to friction at the base of the footing should be ignored where uplift also occurs.
4. The foundation settlement will depend upon the variations within the subsurface soil profile, the structural loading conditions, the embedment depth of the footing, the thickness of compacted fill, and the quality of the earthwork operations.

Uplift forces can be resisted by the dead weight of the footing and the effective weight of any soil above the footing. A unit weight of soil not exceeding 115 pcf is appropriate for the on-site soils backfilled above the foundation, assuming that it is compacted to at least 98 percent of standard Proctor maximum dry density (ASTM D-698). A unit weight of 150 pcf could be used for reinforced footing concrete. The ground surface should be sloped away from the foundation to avoid ponding of water and saturation of the backfill materials.

The base of all foundation excavations should be free of water and loose soil prior to placing concrete. Concrete should be placed soon after excavating to reduce bearing soil disturbance. Should the soils at bearing level become excessively dry, disturbed or saturated, or frozen, the affected soil should be removed prior to placing concrete. Place a lean concrete mud-mat over the bearing soils if the excavations must remain open over night or for an extended period of time. It is recommended that the geotechnical engineer be retained to observe and test the soil foundation bearing materials.

3.2.3 Equipment Building/Cabinet Foundations

DESCRIPTION	VALUE
Foundation Subgrade ¹	Suitable natural soil or engineered granular fill extending to suitable natural soil
Net allowable bearing pressure ²	2,500 psf
Minimum footing sizes Isolated:	2 feet by 2 feet
Wall :	16 inches wide
Coefficient of sliding friction	0.35
Minimum embedment below finished grade for frost protection ³	18 inches
Approximate total settlement ⁴	1 inch

1. A geotechnical engineer should verify footing subgrade prior to concrete placement.
2. Assumes any soft or unsuitable soils, if encountered, will be undercut and replaced with approved engineered fill. The recommended net allowable bearing pressure is the pressure in excess of the minimum surrounding overburden pressure at the footing base elevation.

(Continued from previous page)

3. For perimeter footing and footings beneath unheated areas.
4. The foundation settlement will depend upon the variations within the subsurface soil profile, the structural loading conditions, the embedment depth of the footings, the thickness of any compacted fill, and the quality of the earthwork operations.

3.3 Earthwork

Site preparation should begin with removal of topsoil, vegetation, organics and any soft or otherwise unsuitable materials from the entire construction area. We recommend the actual stripping depth along with any soft soils that will require undercutting be evaluated by the geotechnical engineer at the time of construction. Engineered fill should meet the following material property requirements:

Fill Type ¹	USCS Classification	Acceptable Location for Placement ¹
Lean clay	CL (LL<50 & PI<22)	Beneath equipment building and access road all elevations
Well graded granular material	GW, SW, SM, and SC ²	All locations and elevations
On-site soils (Fat Clay)	CH	Not recommended for use as engineered fill beneath tower foundation, further testing is recommended before using beneath equipment building

1. Controlled, compacted fill should consist of approved materials that are free of organic matter and debris. Frozen material should not be used, and fill should not be placed on a frozen subgrade. A sample of each material type should be submitted to the geotechnical engineer for evaluation. Any fill to be placed beneath the tower footing should consist of well graded granular material.
2. Similar to crushed limestone aggregate or limestone screenings or granular material such as sand, gravel or crushed stone (pug mix).

3.3.1 Compaction Requirements

Fill Lift Thickness	9-inches or less in loose thickness
Compaction Requirements ¹	98% of the materials standard Proctor maximum dry density (ASTM D-698)
Moisture Content – Granular Material	Workable moisture levels ²
Moisture Content – Cohesive Soil	Within the range of optimum moisture content to 2% above or 1% below optimum moisture content as determined by the standard Proctor test at the time of placement

1. We recommend that engineered fill be tested for moisture content and compaction during placement. Should the results of the in-place density tests indicate the specified moisture or compaction limits have not been met, the area represented by the test should be reworked and retested as required until the specified moisture and compaction requirements are achieved.

(Continued from previous page)

2. Specifically, moisture levels should be maintained low enough to allow for satisfactory compaction to be achieved without the cohesionless fill material pumping when proofrolled.
-

3.3.2 Construction Considerations

Although the exposed subgrade is anticipated to be relatively stable upon initial exposure, unstable subgrade conditions could develop during general construction operations, particularly if the soils are wetted and/or subjected to repetitive construction traffic. The use of light construction equipment would aid in reducing subgrade disturbance. Should unstable subgrade conditions develop, stabilization measures will need to be employed.

Construction traffic over the completed subgrade should be avoided to the extent practical. The site should also be graded to prevent ponding of surface water on the prepared subgrades or in excavations. If the subgrade should become frozen, desiccated, saturated, or disturbed, the affected material should be removed or these materials should be scarified, moisture conditioned, and recompact.

As a minimum, all temporary excavations should be sloped or braced as required by Occupational Health and Safety Administration (OSHA) regulations to provide stability and safe working conditions. Temporary excavations will probably be required during grading operations. The grading contractor, by his contract, is usually responsible for designing and constructing stable, temporary excavations and should shore, slope or bench the sides of the excavations as required, to maintain stability of both the excavation sides and bottom. All excavations should comply with applicable local, state and federal safety regulations, including the current OSHA Excavation and Trench Safety Standards.

The geotechnical engineer should be retained during the construction phase of the project to observe earthwork and to perform necessary tests and observations during subgrade preparation; proof-rolling; placement and compaction of controlled compacted fills; backfilling of excavations into the completed subgrade, and just prior to construction of foundations.

4.0 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 observation and testing services during grading, excavation, foundation construction and other earth-related construction phases of the project.

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

Geotechnical Engineering Report

240-Foot Self-Supporting Tower ■ Glens Fork, Adair County, Kentucky
November 30, 2010 ■ Terracon Project No. 57105041



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

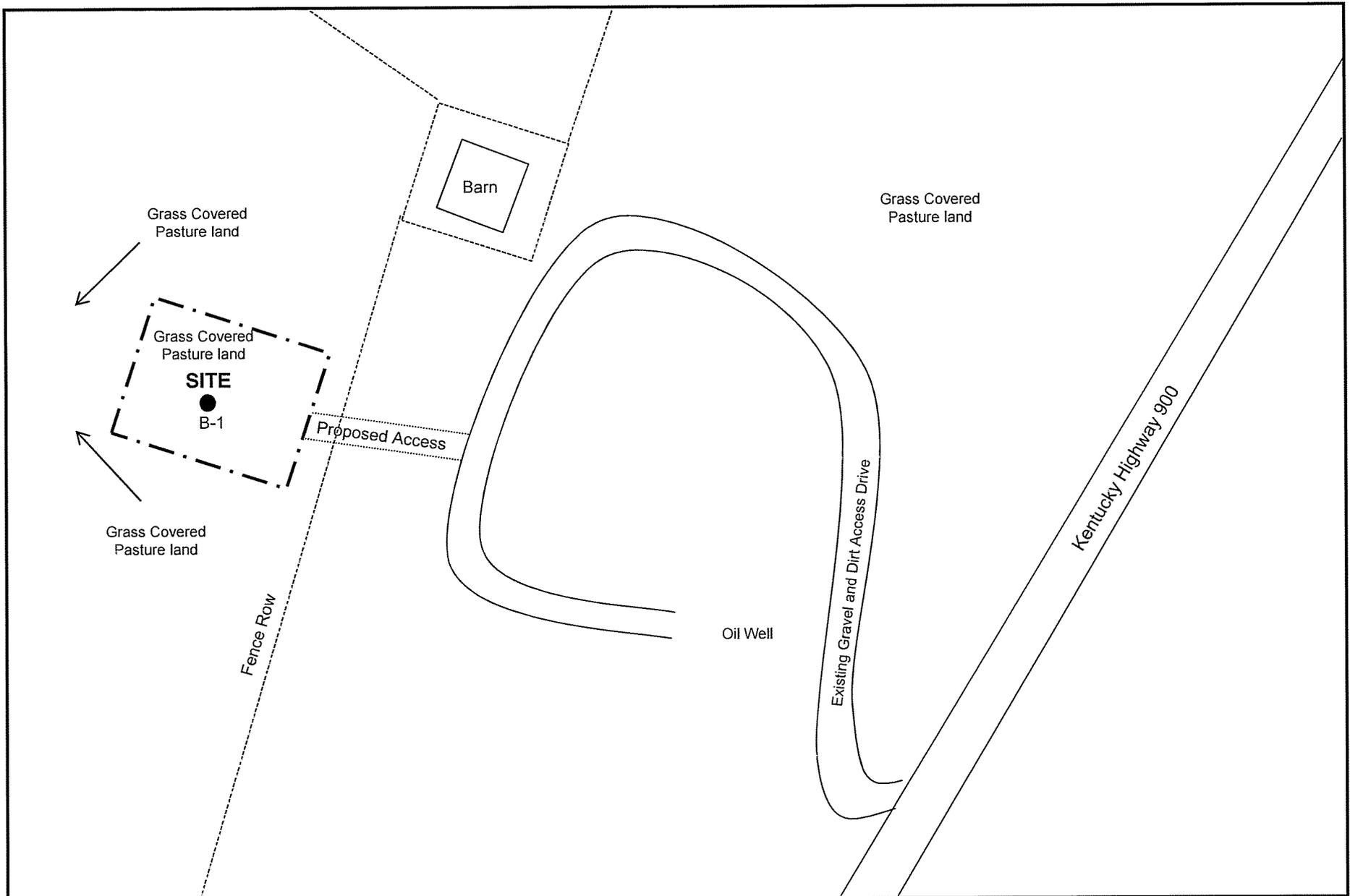


Figure 1
 BORING LOCATION PLAN
 SCALE: NTS



Bluegrass Cellular
 Glens Fork
 Glens Fork, KY
 PROJECT NO. 57107327

LOG OF BORING NO. B-1

CLIENT Cumberland Cell Partnership										
SITE 340 J. Brummett Rd Glens Fork, Kentucky		PROJECT 240' Self-Supporting Tower Glens Fork Site								
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	SAMPLES				TESTS			
			USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 930 ft									
0.7	8" TOPSOIL 929.5									
9.5	FAT CLAY with sandstone fragments, reddish brown, stiff to very stiff, moist 920.5	5	CH	1	SS	18	13	25	6000*	LL=52 PL=27 PI=25
			CH	2	SS	18	18	28	6000*	
			CH	3	SS	18	17	26	7000*	
10.5	HIGHLY WEATHERED SANDSTONE very little recovery 919.5 Auger refusal at 10.5 feet, began coring	10	CH	4	SS	6	10-50/3"	31		
15.5	SANDSTONE , slightly weathered, blackish gray, hard, thin to medium bedded 914.5	15	CH	R-1	DB	100%	RQD 100%		160	5900 psi
20.5	LIMESTONE , slightly weathered, gray, hard, very thin to thin bedded 909.5 with interbedded clay seams at 17.5 to 18 feet	20	CH	R-1	DB	92%	RQD 90%		165	7070 psi
	Coring terminated at 20.5 feet									

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

*Calibrated Hand Penetrometer
**Cathead

BOREHOLE 99 57105041 BORING LOGS.GPJ TERRACON.GDT 11/24/10

WATER LEVEL OBSERVATIONS, ft			BORING STARTED 11-15-10		
WL	▽ N/E	WD	▽ N/E	AB	BORING COMPLETED 11-15-10
WL	▽		▽		RIG ATV 550 FOREMAN MW
WL					APPROVED NB JOB # 57105041



Geotechnical Engineering Report

240-Foot Self-Supporting Tower ■ Glens Fork, Adair County, Kentucky
November 30, 2010 ■ Terracon Project No. 57105041



Field Exploration Description

The boring was drilled at the center of the lease area as staked in the field by the owner's representative. The approximate boring location is shown on the enclosed boring location plan. The surface elevation shown on the boring log was obtained from the site data packet provided by Bluegrass Cellular.

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

Auger refusal was encountered at a depth of about 10½ feet. Below this depth, the boring was advanced into the refusal materials using a diamond bit attached to the outer barrel of a double core barrel. The inner barrel collected the cored material as the outer barrel was rotated at high speeds to cut the rock. The barrel was retrieved to the surface upon completion of each drill run. Once the core samples were retrieved, they were placed in a box and logged. The rock was later classified by an engineer and the "percent recovery" and rock quality designation (RQD) were determined.

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

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

Geotechnical Engineering Report

240-Foot Self-Supporting Tower ■ Glens Fork, Adair County, Kentucky
November 30, 2010 ■ Terracon Project No. 57105041



A field log of the boring was prepared by the drill crew. This log included visual classifications of the materials encountered during drilling as well as the driller's interpretation of the subsurface conditions between samples. The final boring log included with this report represents an interpretation of the field log and include modifications based on laboratory observation and tests of the samples.

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

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

Laboratory Testing

The laboratory testing program consisted of performing water content tests and an Atterberg Limits test on representative soil samples. A calibrated hand penetrometer was used to estimate the approximate unconfined compressive strength of the samples. The calibrated hand penetrometer has been correlated with unconfined compression tests and provides a better estimate of soil consistency than visual examination alone. Results of these tests are provided on the boring log at the appropriate horizon. Two unconfined compression tests were also performed on rock core samples. Results of these tests are provided on the boring log at the appropriate horizon. Information from these tests was used in conjunction with field penetration test data to evaluate soil strength in-situ, volume change potential, and soil classification.

GENERAL NOTES

DRILLING & SAMPLING SYMBOLS:

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

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

WATER LEVEL MEASUREMENT SYMBOLS:

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

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

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

CONSISTENCY OF FINE-GRAINED SOILS

<u>Unconfined Compressive Strength, Qu, psf</u>	<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Consistency</u>
< 500	<2	Very Soft
500 - 1,000	2-4	Soft
1,001 - 2,000	5-8	Medium Stiff
2,001 - 4,000	9-15	Stiff
4,001 - 8,000	16-30	Very Stiff
8,000+	31+	Hard

RELATIVE DENSITY OF COARSE-GRAINED SOILS

<u>Standard Penetration or N-value (SS) Blows/Ft.</u>	<u>Relative Density</u>
0 - 4	Very Loose
5 - 10	Loose
11 - 30	Medium Dense
31 - 50	Dense
51+	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

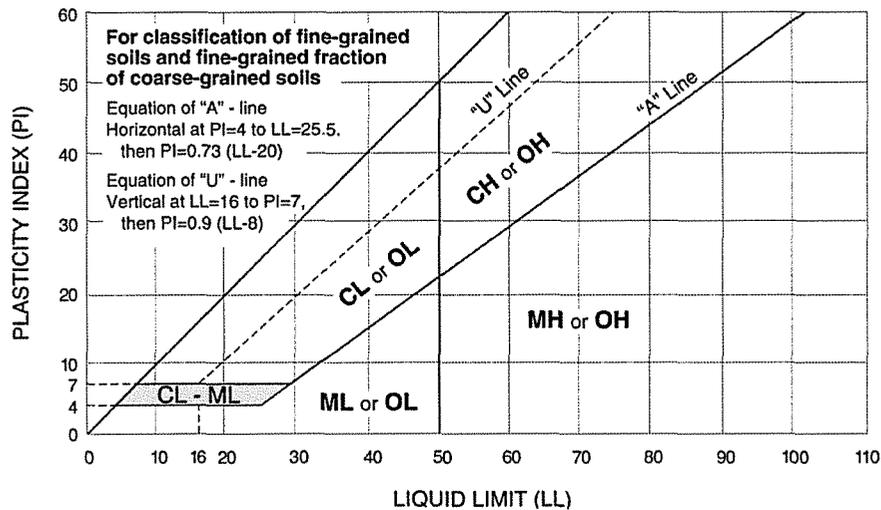
<u>Term</u>	<u>Plasticity Index</u>
Non-plastic	0
Low	1-10
Medium	11-30
High	30+

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	Silts 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		OH	Organic silt ^{K,L,M,O}	
	Silts 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}	
					PT	Peat	
					PT	Peat	

- ^A Based on the material passing the 3-in. (75-mm) sieve
- ^B If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.
- ^C Gravels 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.
- ^D Sands 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 $Cu = D_{60}/D_{10}$ $Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$
- ^F If soil contains $\geq 15\%$ sand, add "with sand" to group name.
- ^G If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

- ^H If fines are organic, add "with organic fines" to group name.
- ^I If soil contains $\geq 15\%$ gravel, add "with gravel" to group name.
- ^J If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.
- ^K If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.
- ^L If soil contains $\geq 30\%$ plus No. 200 predominantly sand, add "sandy" to group name.
- ^M If 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.



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

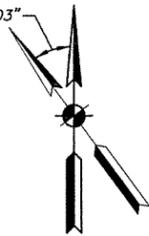
a. Spacing refers to the distance normal to the planes, of the described feature, which are parallel to each other or nearly so.

Rock Quality Designator (RQD) ^a		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. 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*.

True North
Grid North
00°18'03"



Site: Glens Fork Lease Boundary and Topographic Survey Adair County, Kentucky

Reduced Copy

Lois Davis and Leon Davis
Barbara Brummett and Jimmy Brummett
Deed Book 141, Page 270

Basis of Bearings

The bearing system of this survey is based upon G.P.S. observations made on December 2, 2010 using the National Geodetic Survey monument "BREEDING" and the Kentucky State Plane Coordinate System, South Zone, NAD 83 (1993). This system is grid north.

Tower Location Information

Designation: Glens Fork
Site ID#: None
Horizontal Datum: NAD 83 (1993)
Latitude: 37°00'27.84" North
Longitude: 85°15'14.60" West
Vertical Datum: NAVD 1988
Ground Elevation: 939.3 feet (286.30 m)
State Plane Coordinates:
Northing: 1,886,335.98 feet (574,956.357 m)
Easting: 1,785,227.63 feet (544,138.470 m)

Landowner Information

Landowners: Lois Davis and others
Address: 7594 Highway 55 South Road
Columbia, Kentucky 42728
Primary Contact Person: Jimmy Brummett
Phone: 270-384-2275
Secondary Contact: Matt Brummett (son)
Phone: 270-634-0754
PVA Map No. 78-042

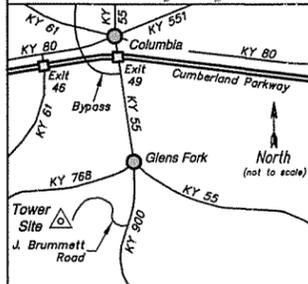
Project Bench Mark

Northing: 1,886,205 feet (574,916 m)
Easting: 1,785,253 feet (544,146 m)
Elevation: 928.75 feet (283.084 m)
Description: A MAG nail set in the west side of an 4" diameter wood post, 12" above grade. The benchmark is approximately 133 feet south of the center of the tower.

Flood Plain Statement

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

Vicinity Map



Directions to Site

From Elizabethtown, Kentucky: travel south on Kentucky Highway 61 for about 58 miles to downtown Columbia and Kentucky Highway 55; travel south on Kentucky Highway 55 for 7.8 miles to Glens Fork and Kentucky Highway 900; turn right onto Kentucky Highway 900 and travel south for 0.4 miles to J. Brummett Road; turn right onto J. Brummett Road and travel northwesterly, passing a barn at 0.2 miles, 0.3 miles in all to the tower site on a ridge in a pasture.

Lease Tract
0.230 Acres or 10,000 Sq.Ft.
(No Zoning in Adair County)

Proposed Self-Support Tower

Lat. = 37°00'27.84" North
Lon. = 85°15'14.60" West
Ground Elev. = 939.3 feet or 286.30 m

P.O.C. of Lease Tract

East corner of the 5.77-acre tract described in deed to Jimmy Brummett and Lois Davis in Deed Book 230, page 377 in the office of the County Clerk of Adair County, Kentucky.

Surveyor's Notes

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

Legend

- 5/8" Rebar Set Flush With A Survey Cap Inscribed "D.L. Helms PLS 3386"
- 5/8" Rebar Set Flush - No Cap
- ⊙ 3/8" Rebar Found Exposed 4" With A Survey Cap Inscribed "McKinney 3318"
- × Calculated Position - No Monument Found or Set
- Subject Boundaries
- Easement Boundaries
- Other Boundaries
- - - Right of Way
- Utility Pole
- Utility As Noted
- (m) Measured
- (r) Recorded
- (c) Calculated
- (s) Set

Lease Boundary and Easement Description

A tract of land that is located 1,250 feet northwesterly of the intersection of Kentucky Highway 900 and J. Brummett Road in the Glens Fork Community of Adair County, Kentucky; said tract being described as follows:

COMMENCING AT A 3/8-inch rebar found flush with a survey cap inscribed "McKinney 3318" at the east corner of the 5.77-acre tract described in deed to Jimmy Brummett and Lois Davis in Deed Book 230, page 377 in the office of the County Clerk of Adair County, Kentucky; thence South 87 degrees 09 minutes 28 seconds East 1,019.57 feet to a 5/8-inch rebar set flush with a survey cap inscribed "D.L. Helms PLS 3386" (referred to as a rebar in the remainder of this description) at the POINT OF BEGINNING of this description; thence North 20 degrees 42 minutes 42 seconds East 100.00 feet to a rebar set flush; thence South 69 degrees 17 minutes 18 seconds East 100.00 feet to a rebar set flush; thence South 20 degrees 42 minutes 42 seconds West 100.00 feet to a rebar set flush; thence North 69 degrees 17 minutes 18 seconds West 100.00 feet to the point of beginning and containing 0.230 acres (10,000 square feet), more or less.

TOGETHER WITH an access and utility easement from the above-described 0.230-acre lease tract to the west end of J. Brummett Road; said easement being described as follows: BEGINNING AT A 5/8-inch rebar set flush with a survey cap inscribed "D.L. Helms PLS 3386" at the southeast corner of the above-described 0.230-acre lease tract; thence North 20 degrees 42 minutes 42 seconds East 100.00 feet to a 5/8-inch rebar set flush with said Helms survey cap at the northeast corner of the above-described 0.230-acre lease tract; thence South 69 degrees 17 minutes 18 seconds East 20.00 feet; thence South 20 degrees 42 minutes 42 seconds West 40.00 feet; thence South 69 degrees 17 minutes 18 seconds East 19.02 feet; thence Northeastly 41.98 feet along an arc to the left and having a radius of 30.00 feet and subtended by a long chord having a bearing of North 70 degrees 37 minutes 37 seconds East and a length of 38.64 feet; thence North 30 degrees 32 minutes 32 seconds East 29.83 feet; thence North 34 degrees 18 minutes 46 seconds East 49.95 feet; thence North 41 degrees 11 minutes 43 seconds East 54.87 feet; thence North 50 degrees 19 minutes 23 seconds East 101.54 feet to the west end of J. Brummett Road; thence, along the said west end, South 39 degrees 42 minutes 54 seconds East 20.00 feet; thence South 50 degrees 19 minutes 23 seconds West 99.96 feet; thence South 41 degrees 11 minutes 43 seconds West 52.07 feet; thence South 34 degrees 18 minutes 46 seconds West 48.09 feet; thence South 30 degrees 32 minutes 32 seconds West 29.17 feet; thence Southwesterly 69.95 feet along an arc to the right and having a radius of 50.00 feet and subtended by a long chord having a bearing of South 70 degrees 37 minutes 37 seconds West and a length of 64.39 feet; thence North 69 degrees 17 minutes 18 seconds West 19.02 feet; thence South 20 degrees 42 minutes 42 seconds West 40.00 feet; thence North 69 degrees 17 minutes 18 seconds West 20.00 feet to the point of beginning.

The bearing system of these descriptions is based upon the Kentucky State Plane Coordinate System, South Zone, NAD 83 (1993), as determined by G.P.S. observations made on December 2, 2010 using the National Geodetic Survey monument "BREEDING". These descriptions are based upon a survey completed by Landmark Surveying Co., Inc. and certified by Darren L. Helms, P.L.S. 3386, on December 16, 2010. Said survey is hereby referenced and made a part of these descriptions.

SOURCE OF TITLE: Being a portion of and lying entirely within the land described in deed to Lois Davis, Leon Davis, Barbara Brummett and Jimmy Brummett on March 17, 1982 in Deed Book 141, page 270 in the office of the County Clerk of Adair County, Kentucky.

Surveyor's Certification

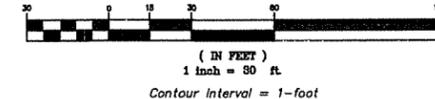
I hereby certify that this plat has been compiled from a survey actually made upon the ground under my direct supervision on December 2, 2010 by the method of random traverse with sideshots. The unadjusted precision ratio of the traverse was 1:31,600 and it was not adjusted. This survey is a Class B survey and the accuracy and precision of this survey meets all the specifications of this class.

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

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

DEC. 16, 2010
Date

GRAPHIC SCALE



Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0950
Email: landmark@landmark.net
Project No. 10-12-091



Lease Boundary Survey
340 J. Brummett Road
Glens Fork, Kentucky 42741

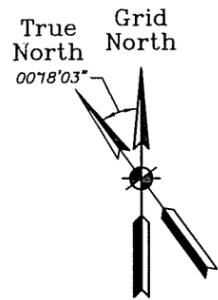
Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE: 12-16-10
DRAWN BY: A. Winkler
CHECKED BY: D.L. Helms

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

Site: Glens Fork Lease Boundary and Topographic Survey Adair County, Kentucky



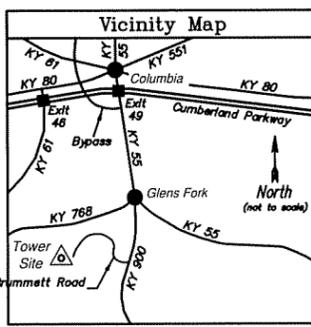
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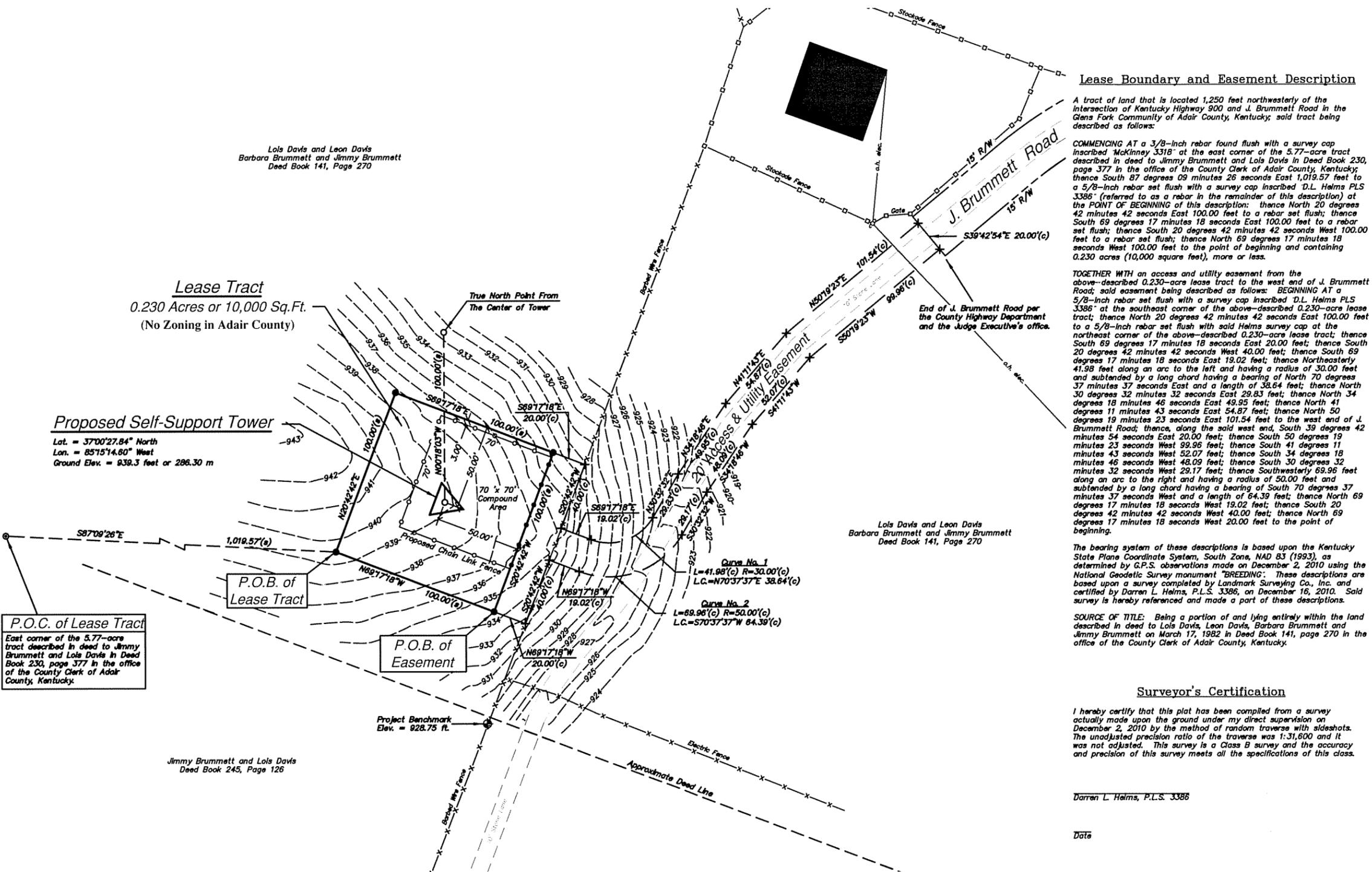
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Lois Davis and Leon Davis
Barbara Brummett and Jimmy Brummett
Deed Book 141, Page 270



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A tract of land that is located 1,250 feet northwesterly of the intersection of Kentucky Highway 900 and J. Brummett Road in the Glens Fork Community of Adair County, Kentucky; said tract being described as follows:

COMMENCING AT a 3/8-inch rebar found flush with a survey cap inscribed McKinney 3318" at the east corner of the 5.77-acre tract described in deed to Jimmy Brummett and Lois Davis in Deed Book 230, page 377 in the office of the County Clerk of Adair County, Kentucky; thence South 87 degrees 09 minutes 26 seconds East 1,019.57 feet to a 5/8-inch rebar set flush with a survey cap inscribed D.L. Helms PLS 3386" (referred to as a rebar in the remainder of this description) at the POINT OF BEGINNING of this description; thence North 20 degrees 42 minutes 42 seconds East 100.00 feet to a rebar set flush; thence South 69 degrees 17 minutes 18 seconds East 100.00 feet to a rebar set flush; thence South 20 degrees 42 minutes 42 seconds West 100.00 feet to a rebar set flush; thence North 69 degrees 17 minutes 18 seconds West 100.00 feet to the point of beginning and containing 0.230 acres (10,000 square feet), more or less.

TOGETHER WITH an access and utility easement from the above-described 0.230-acre lease tract to the west end of J. Brummett Road; said easement being described as follows: BEGINNING AT a 5/8-inch rebar set flush with a survey cap inscribed D.L. Helms PLS 3386" at the southeast corner of the above-described 0.230-acre lease tract; thence North 20 degrees 42 minutes 42 seconds East 100.00 feet to a 5/8-inch rebar set flush with said Helms survey cap at the northeast corner of the above-described 0.230-acre lease tract; thence South 69 degrees 17 minutes 18 seconds East 20.00 feet; thence South 20 degrees 42 minutes 42 seconds West 40.00 feet; thence South 69 degrees 17 minutes 18 seconds East 19.02 feet; thence Northeast 41.98 feet along an arc to the left and having a radius of 30.00 feet and subtended by a long chord having a bearing of North 70 degrees 37 minutes 37 seconds East and a length of 38.64 feet; thence North 30 degrees 32 minutes 32 seconds East 29.83 feet; thence North 34 degrees 18 minutes 46 seconds East 49.95 feet; thence North 41 degrees 11 minutes 43 seconds East 54.87 feet; thence North 50 degrees 19 minutes 23 seconds East 101.54 feet to the west end of J. Brummett Road; thence, along the said west end, South 39 degrees 42 minutes 54 seconds East 20.00 feet; thence North 50 degrees 19 minutes 23 seconds West 99.96 feet; thence South 41 degrees 11 minutes 43 seconds West 52.07 feet; thence South 34 degrees 18 minutes 46 seconds West 48.09 feet; thence South 30 degrees 32 minutes 32 seconds West 29.17 feet; thence Southwesterly 69.96 feet along an arc to the right and having a radius of 50.00 feet and subtended by a long chord having a bearing of South 70 degrees 37 minutes 37 seconds West and a length of 64.39 feet; thence North 69 degrees 17 minutes 18 seconds West 19.02 feet; thence South 20 degrees 42 minutes 42 seconds West 40.00 feet; thence North 69 degrees 17 minutes 18 seconds West 20.00 feet to the point of beginning.

The bearing system of these descriptions is based upon the Kentucky State Plane Coordinate System, South Zone, NAD 83 (1993), as determined by G.P.S. observations made on December 2, 2010 using the National Geodetic Survey monument "BREEDING". These descriptions are based upon a survey completed by Landmark Surveying Co., Inc. and certified by Darren L. Helms, P.L.S. 3386, on December 18, 2010. Said survey is hereby referenced and made a part of these descriptions.

SOURCE OF TITLE: Being a portion of and lying entirely within the land described in deed to Lois Davis, Leon Davis, Barbara Brummett and Jimmy Brummett on March 17, 1982 in Deed Book 141, page 270 in the office of the County Clerk of Adair County, Kentucky.

Surveyor's Certification

I hereby certify that this plat has been compiled from a survey actually made upon the ground under my direct supervision on December 2, 2010 by the method of random traverse with sideshots. The unadjusted precision ratio of the traverse was 1:31,600 and it was not adjusted. This survey is a Class B survey and the accuracy and precision of this survey meets all the specifications of this class.

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

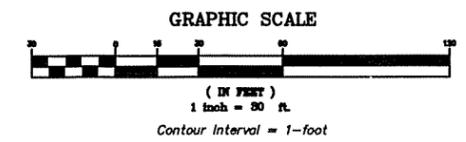
Date

Surveyor's Notes

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

Legend

- 5/8" Rebar Set Flush With A Survey Cap Inscribed "D.L. Helms PLS 3386"
- 5/8" Rebar Set Flush - No Cap
- ⊙ 3/8" Rebar Found Exposed 4" With A Survey Cap Inscribed "McKinney 3318"
- × Calculated Position - No Monument Found or Set
- Subject Boundaries
- Easement Boundaries
- Other Boundaries
- - - Right of Way
- ⊕ Utility Pole
- Utility As Noted
- (m) Measured
- (r) Recorded
- (c) Calculated
- (s) Set



Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0850
Email: landmark@landmarksurvey.com
Project No. 10-12-0191

Lease Boundary Survey
340 J. Brummett Road
Glens Fork, Kentucky 42741

Bluegrass Cellular

2902 Ring Road
Elizabethtown, Kentucky 42701

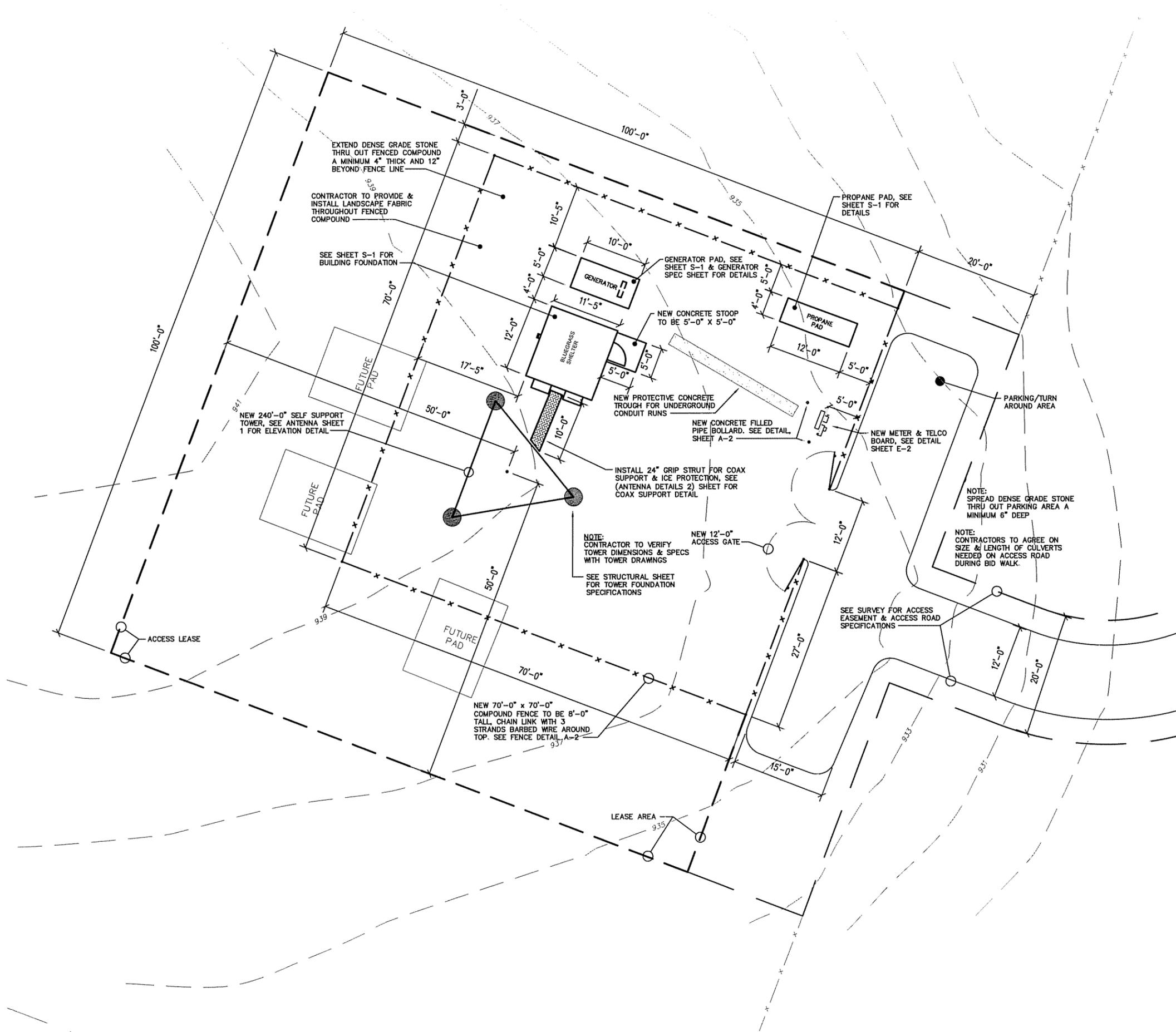
REVISIONS	DATE

DATE: 12-16-10
DRAWN BY: A. Winkler
CHECKED BY: D.L. Helms

SHEET NO. 1

OF 1 SHEETS

FILE NO. glen.dwg



GENERAL NOTES:

- 1) EQUIPMENT PICK-UP AND DELIVERY TO SITE FROM BLUEGRASS CELLULAR STAGING FACILITY TO BE THE CONTRACTORS RESPONSIBILITY, INCLUDING CRANE SET, AND ALL COST INCURRED.
- 2) FOR, BUILDING AND ALL CONCRETE PAD DETAILS REFER TO STRUCTURALS AND SHEET S1.1
- 3) ANY DAMAGE DUE TO CONSTRUCTION, TO BE REPAIRED OR REPLACED TO ORIGINAL CONDITION. (SUBJECT TO BLUEGRASS CELLULAR'S APPROVAL).
- 4) 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.
- 5) ROADWAYS TO BE GRADED SMOOTH AND EVEN, REMOVING ALL POTHOLES. ROADS TO HAVE PROPER DRAINAGE AND RUNOFF PER BLUEGRASS CELLULAR'S APPROVAL.
- 6) 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.
- 7) FOR GRADING DETAILS, SEE GENERAL NOTESHEET
- 8) CONTRACTOR TO FIELD VERIFY ALL TOWER DIMENSIONS WITH TOWER MANUFACTURER PRIOR TO JOB BIDDING OR START OF ANY CONSTRUCTION
- 9) CONTRACTOR RESPONSIBLE FOR APPLYING FOR SERVICE TO SITE AND PAYING ANY FEES REQUIRED FOR PERMITS, HOOKUP, ETC..

SITE PLAN

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

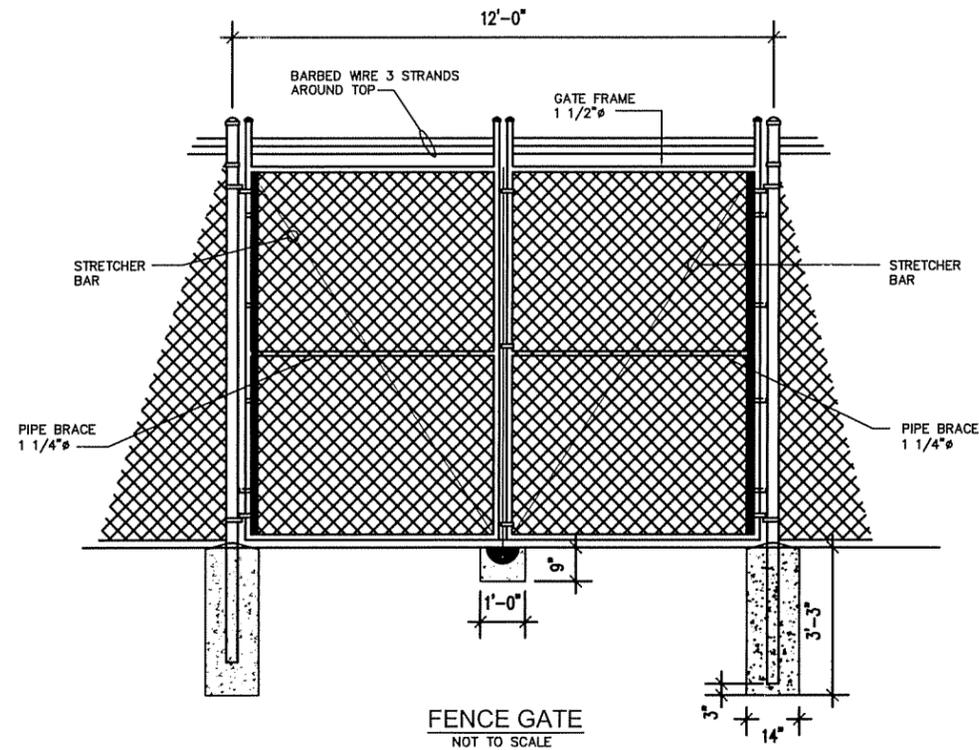


NO.	DATE	REVISION

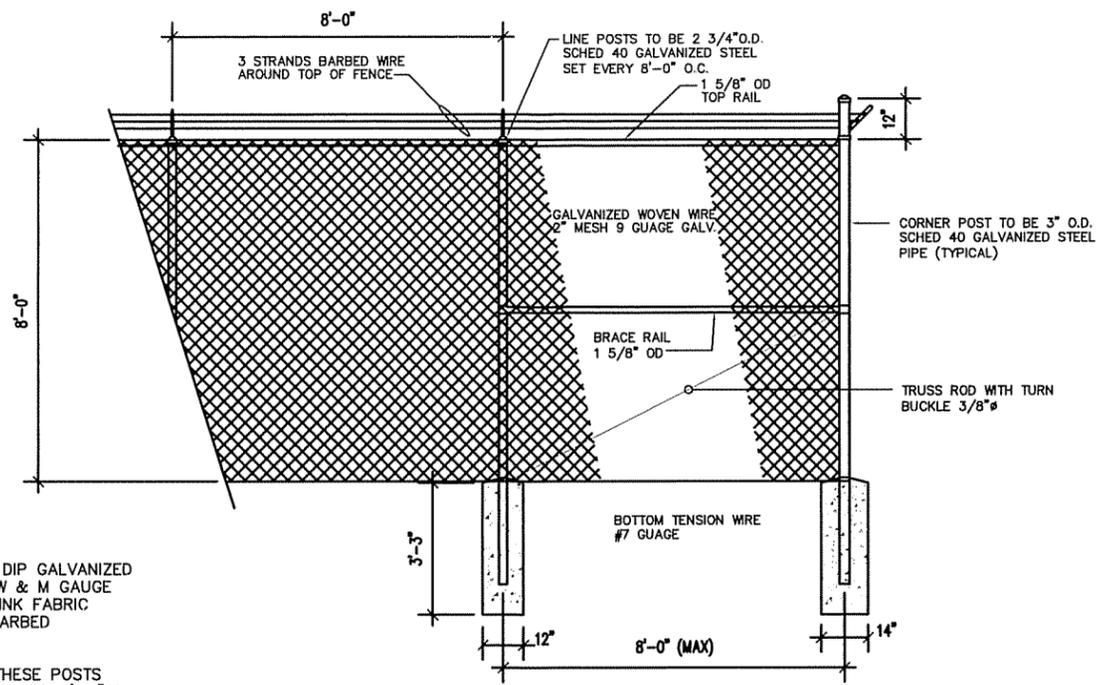
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
 340 J. BRUMMETT RD. GLENS FORK, KY. 42741

DRAWN BY: R. BECKER
 ISSUE DATE: 1-08-11
 SCALE: LISTED

SHEET NUMBER
 A-1



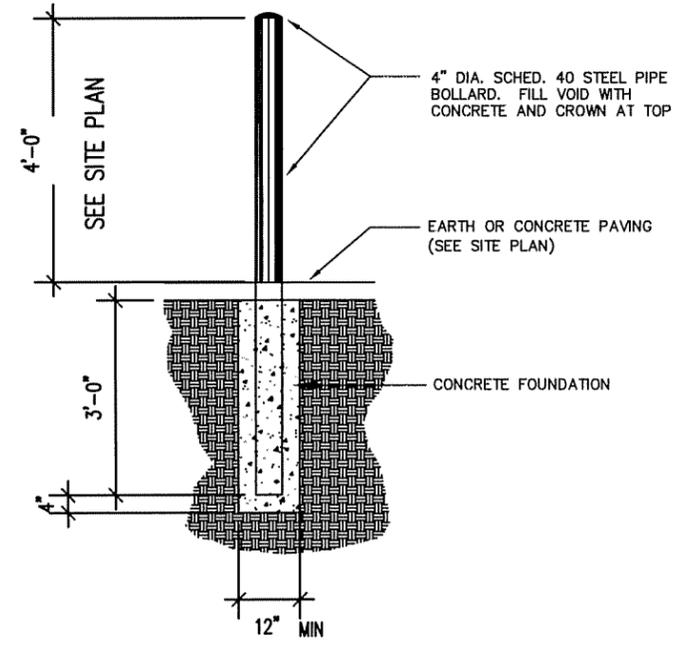
FENCE GATE
NOT TO SCALE



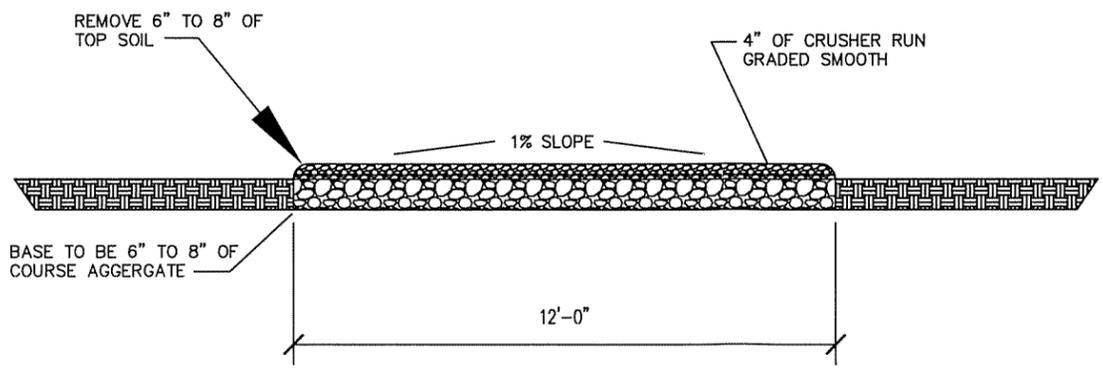
FENCE DETAIL END POLES
NOT TO SCALE

CHAIN LINK FENCING NOTES:

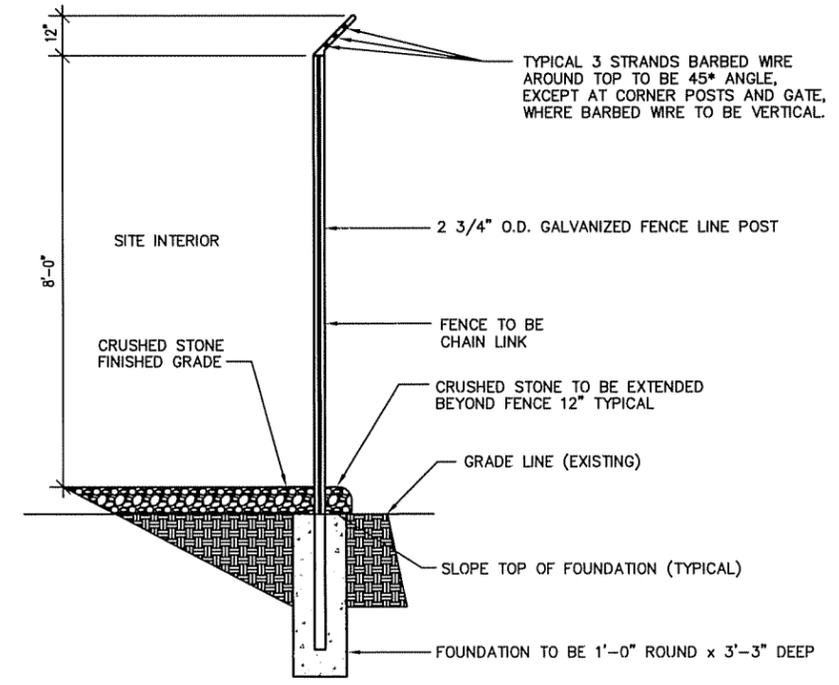
- 1 **FABRIC:** THE FABRIC SHALL BE COMPOSED OF INDIVIDUAL HOT DIP GALVANIZED WIRE PICKETS HELICALLY WOUND AND INTERWOVEN FROM NO.9 W & M GAUGE COPPER BEARING STEEL WIRE TO FORM A CONTINUOUS CHAIN LINK FABRIC HAVING A 2" MESH. TOP EDGES SHALL HAVE A TWISTED AND BARBED
- 2 **POSTS:** SHALL BE 2 3/4" O.D. 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: (g) 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 SUPERVISOR.
- 10 FENCE STOPS TO BE PLACED ON INSIDE OF COMPOUND PER ACCESS GATE SPECIFICATIONS.



BOLLARD DETAIL
NOT TO SCALE



ROAD DETAIL
NOT TO SCALE



FENCE DETAIL LINE POLES
NOT TO SCALE



NO.	DATE	REVISION

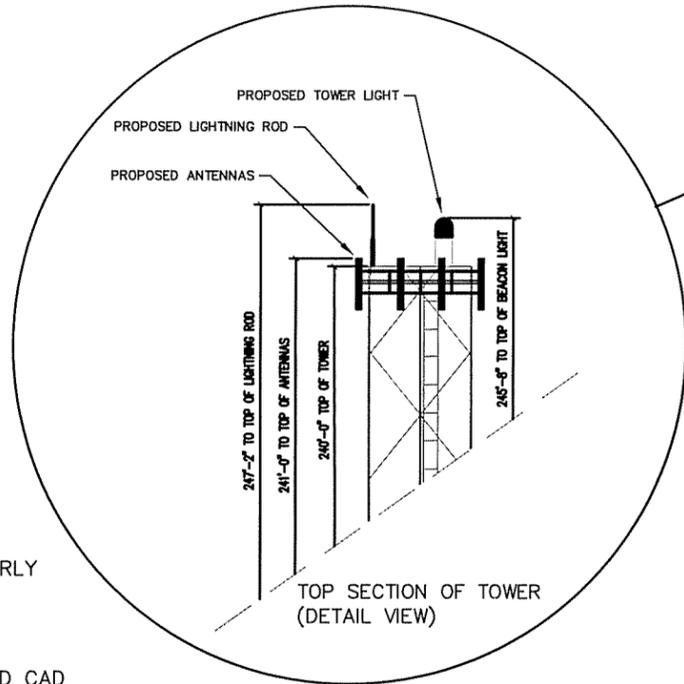
NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
340 J. BRUMMETT RD. GLENS FORK, KY. 42741

DRAWN BY: R. BECKER
ISSUE DATE: 1-08-11
SCALE: LISTED

SHEET NUMBER
A-2

BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS



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

240'-0" SELF SUPPORT
TOWER

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 AND GROUNDING, PER INSTRUCTION OF PROJECT SUPERVISOR.

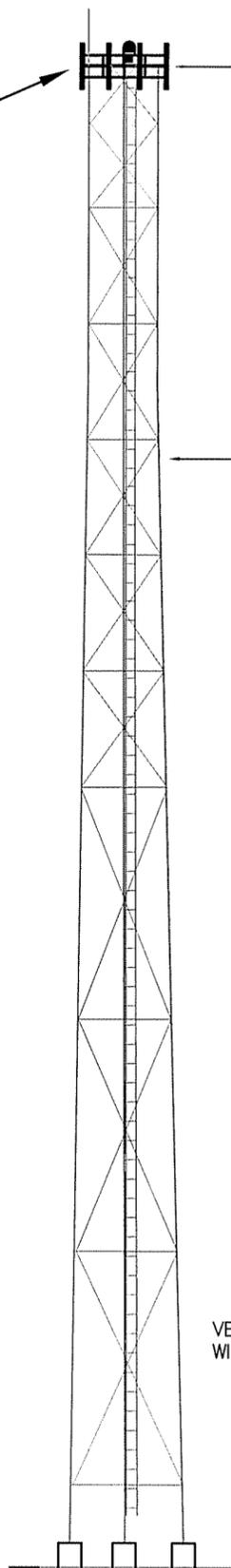
GENERAL CONTRACTOR TO MOUNT ANTENNA MOUNTS AT TOP OF STRUCTURE OR TOWER BY BLUEGRASS CELLULAR SPECIFICATIONS.

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

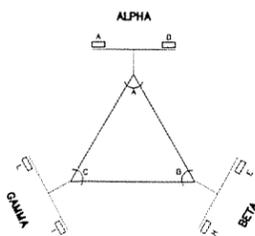
TRAPEZE KIT TO BE SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.

CONTRACTOR TO INSTALL GPS BRACKET & ANTENNAS COMPLETE.

CONTRACTOR TO INSTALL LIGHTING SYSTEM PER FAA ADVISORY 70/7460-1K CHANGE 2, OBSTRUCTION MARKING AND LIGHTING, A MED-DUAL SYSTEM - CHAPTERS 4,8(M-DUAL), & 12



SELF SUPPORT TOWER ELEVATION (TYPICAL)



VERIFY ANTENNA ORIENTATION WITH ANTENNA SPECIFICATIONS

TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

ANTENNA SPECS

	TYPE	SIZE L x W x D	NUMBER	AZIMUTH	MOUNTING HEIGHT
ANTENNA (PRIMARY)	LBX-9013DS VTM_02DT_0850	L=78.6 W=10.3 D=4.6	6	10*, 130*, 250*	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

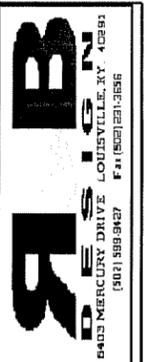
	TYPE	SIZE	NUMBER
MOUNT #1			
MOUNT #2			

DISH TRANSMISSION LINES

	TYPE	SIZE	NUMBER
TRANSMISSION LINE #1			
TRANSMISSION LINE #2			

ANTENNA SYNOPSIS

- * ANTENNAS TO HAVE A 2*E
- * ANTENNA FREQUENCY 880.00 - 890.00



REVISION

DATE

NO.

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
340 J. BRUMMETT RD. GLENS FORK, KY. 42741

DRAWN BY: R. BECKER

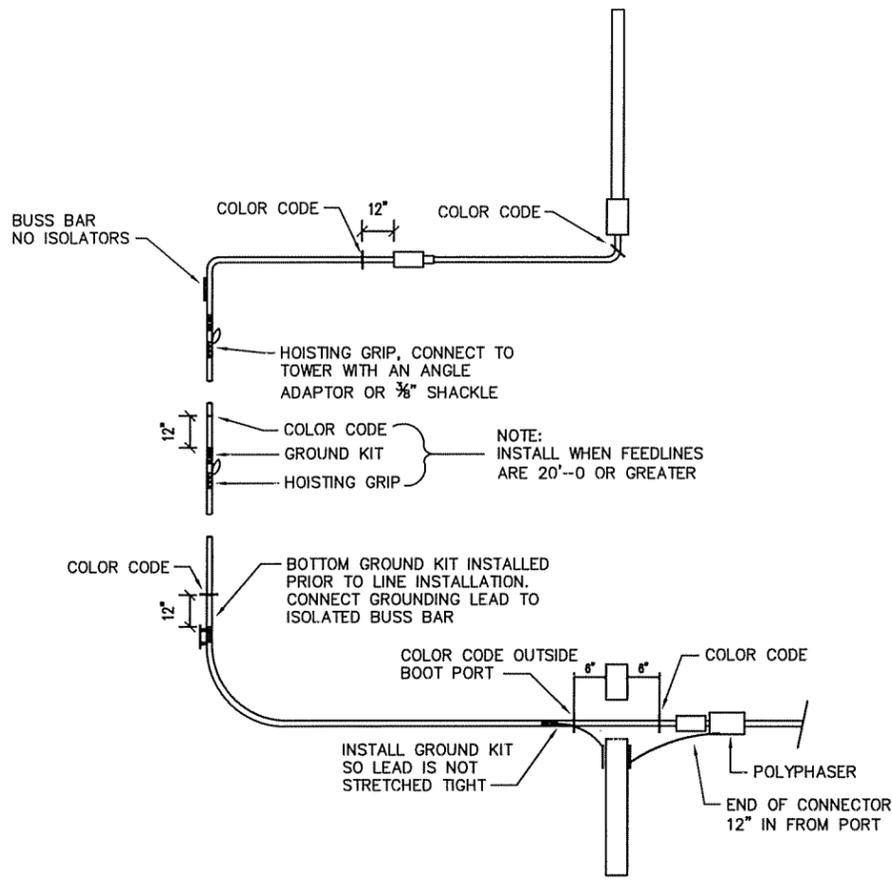
ISSUE DATE: 1-08-11

SCALE: LISTED

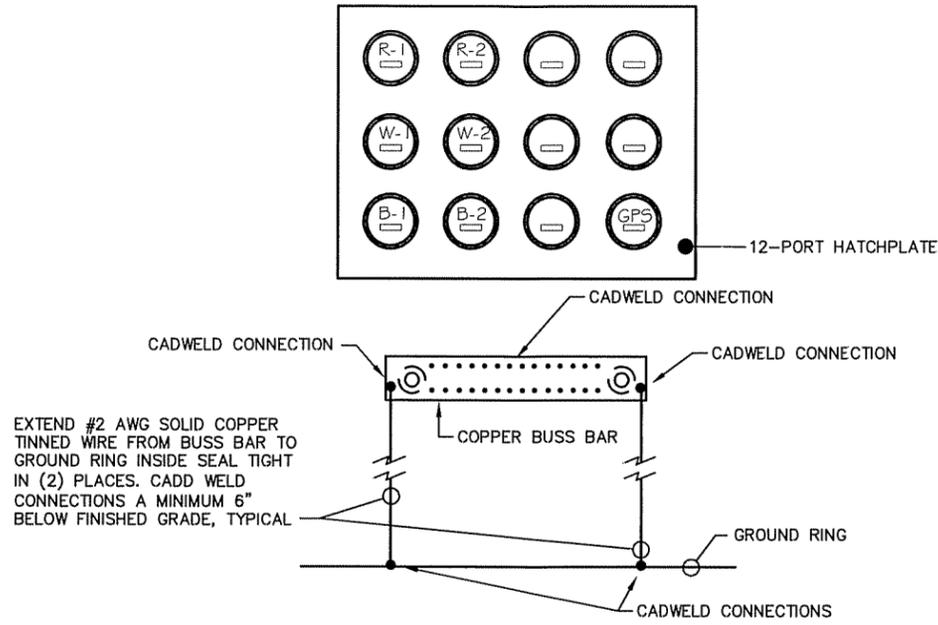
SHEET NUMBER

ANTENNA DETAILS

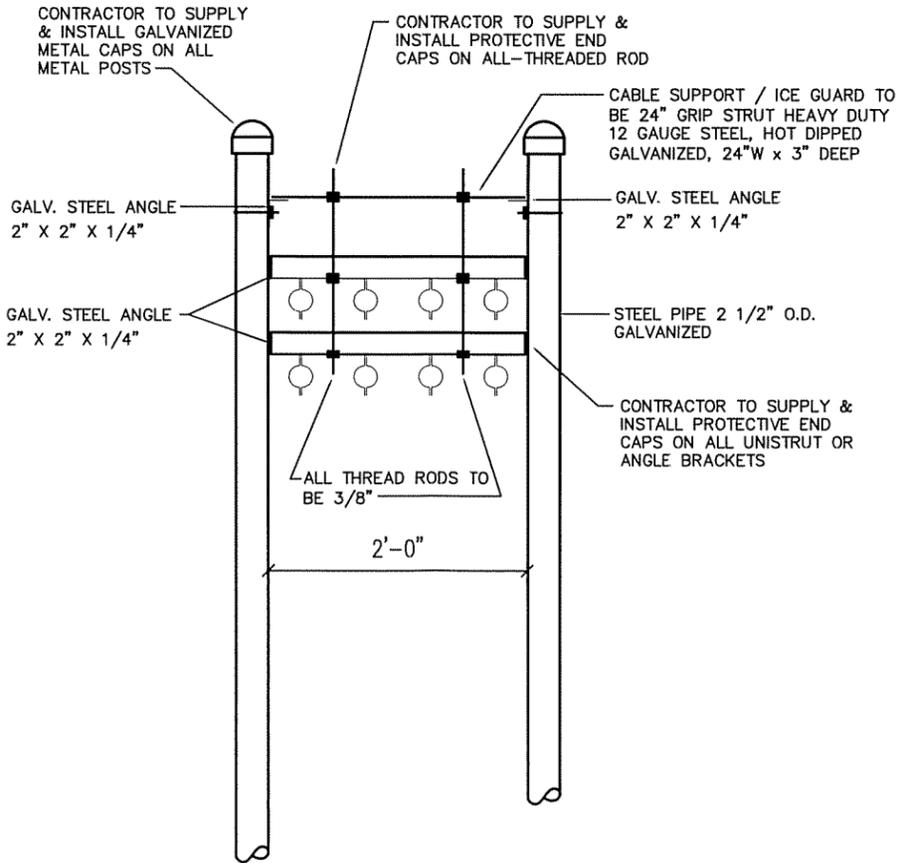
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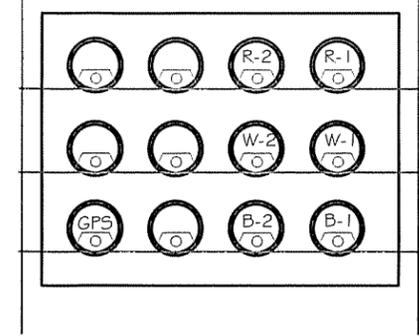
COLOR CODING DETAIL
NO SCALE



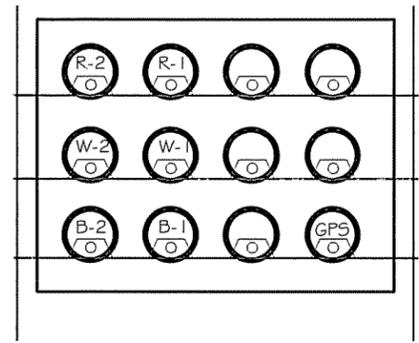
BOOT PORT GROUNDING DETAIL
NO SCALE



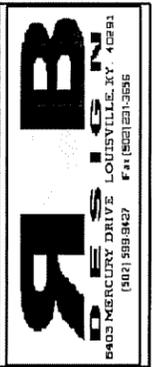
ICE BRIDGE / COAX SUPPORT DETAIL
NO SCALE



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



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

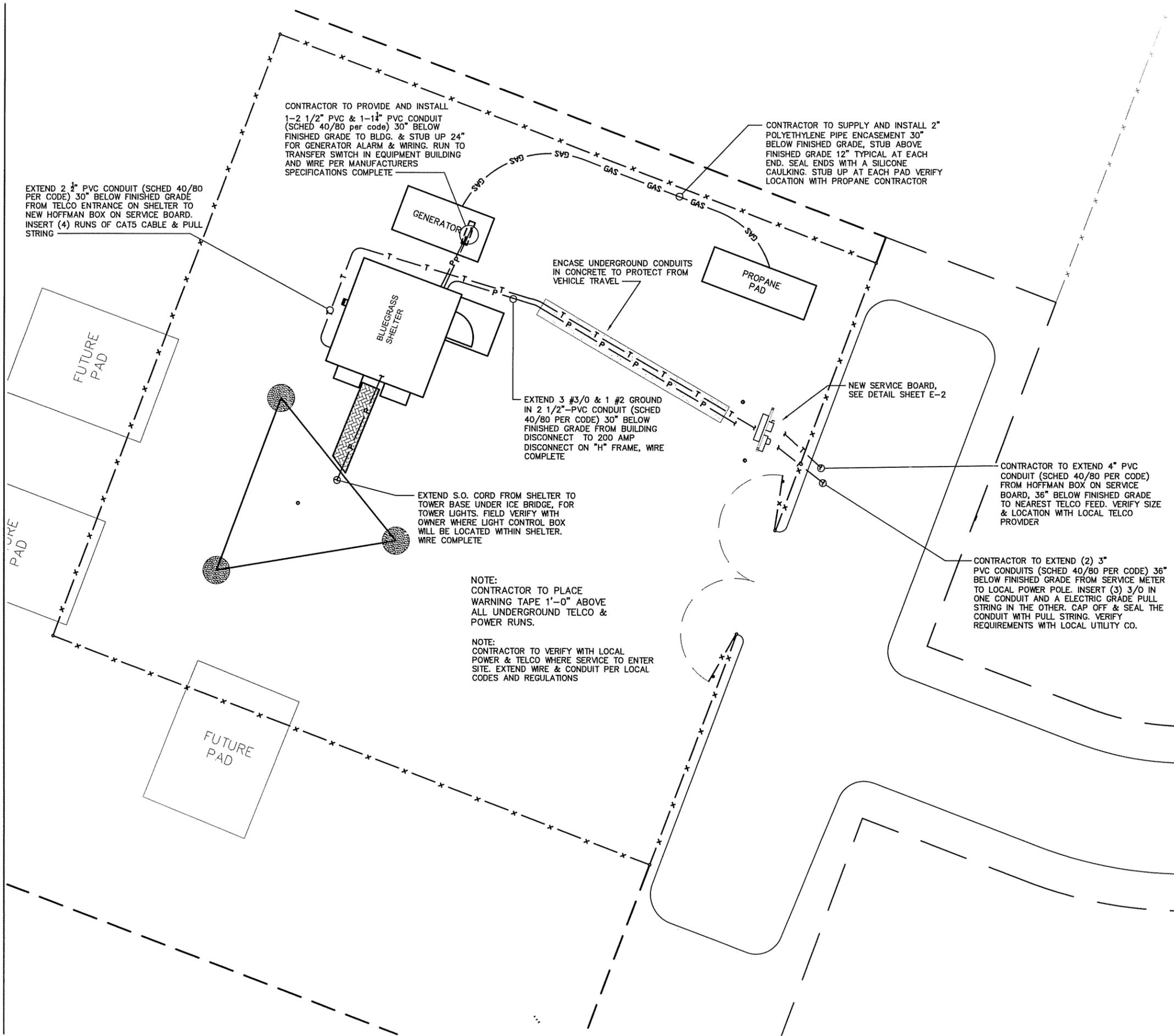


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BLUEGRASS CELLULAR, INC.
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SHEET NUMBER
ANTENNA DETAILS
2



CONTRACTOR TO PROVIDE AND INSTALL
 1-2 1/2" PVC & 1-1 1/2" PVC CONDUIT
 (SCHED 40/80 per code) 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 2 1/2" PVC CONDUIT (SCHED 40/80
 PER CODE) 30" BELOW FINISHED GRADE
 FROM TELCO ENTRANCE ON SHELTER TO
 NEW HOFFMAN BOX ON SERVICE BOARD.
 INSERT (4) RUNS OF CAT5 CABLE & PULL
 STRING

CONTRACTOR TO SUPPLY AND INSTALL 2"
 POLYETHYLENE PIPE ENCASUREMENT 30"
 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

ENCASE UNDERGROUND CONDUITS
 IN CONCRETE TO PROTECT FROM
 VEHICLE TRAVEL

EXTEND 3 #3/0 & 1 #2 GROUND
 IN 2 1/2"-PVC CONDUIT (SCHED
 40/80 PER CODE) 30" BELOW
 FINISHED GRADE FROM BUILDING
 DISCONNECT TO 200 AMP
 DISCONNECT ON "H" FRAME, WIRE
 COMPLETE

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

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

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

CONTRACTOR TO EXTEND 4" PVC
 CONDUIT (SCHED 40/80 PER CODE)
 FROM HOFFMAN BOX ON SERVICE
 BOARD, 36" BELOW FINISHED GRADE
 TO NEAREST TELCO FEED. VERIFY SIZE
 & LOCATION WITH LOCAL TELCO
 PROVIDER

CONTRACTOR TO EXTEND (2) 3"
 PVC CONDUITS (SCHED 40/80 PER CODE) 36"
 BELOW FINISHED GRADE FROM SERVICE METER
 TO LOCAL POWER POLE. INSERT (3) 3/0 IN
 ONE CONDUIT AND A ELECTRIC GRADE PULL
 STRING IN THE OTHER. CAP OFF & SEAL THE
 CONDUIT WITH 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. (CAD WELD ALL CONNECTIONS)
- 5) ALL GROUND RING CONNECTIONS TO BE AS CLOSE AS POSSIBLE, SHARP BENDS WILL NOT BE PERMITTED AS WELL AS "T" CONNECTIONS. ALL CONNECTIONS TO HAVE A SWEEPING RADIUS OF 8" MINIMUM. GROUNDING CONFIGURATION TO BE IN PARALLEL.
- 6) CONTACT POINTS FOR GROUNDING TO BE CLEANED OF ANY RUST, PAINT, DIRT, ETC. TO CREATE A GOOD BOND FOR CONDUCTOR. AREA THAT HAS BEEN CLEANED TO BE RESEALED TO PREVENT RUSTING.
- 7) PROPERLY GROUND ANY EXPOSED METAL THAT MAY EXIST ON EXTERIOR OF EQUIPMENT SHELTER OR CABINET.
- 8) WHERE GROUND CONDUCTORS REQUIRE MECHANICAL BONDING, STAINLESS STEEL CONNECTORS ARE REQUIRED AT EACH CONNECTING POINT USING LOCK WASHERS.
- 9) CONTRACTOR RESPONSIBLE FOR SEEING THAT UTILITY PERSONNEL MAKE FINAL CONNECTIONS, MAKING SURE THE TOWER ALARM IS CONNECTED AND WORKING. A TELEPHONE NUMBER FOR THE ALARM MUST BE SUPPLIED.
- 10) CONTRACTOR RESPONSIBLE FOR MEG TESTING THE SITE AND SUPPLYING OWNER WITH FINAL READINGS IN OWNERS SPECIFICATIONS.
- 11) IF CONDUIT RUNS BURIED LESS THAN REQUIRED DEPTHS, CONTACT BLUEGRASS CELLULAR FOR FURTHER INSTRUCTIONS

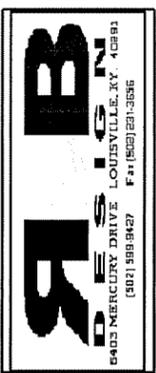
NOTE:
 CONTRACTOR TO PROVIDE WARNING TAPE IN TRENCHES FOR ALL POWER AND TELCO RUNS UNDER GROUND. TAPE TO BE INSTALLED 1'-0" ABOVE CONDUIT RUNS. (TAKE PICTURES)

SYMBOLS LEGEND

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

SITE PLAN- ELECTRICAL

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

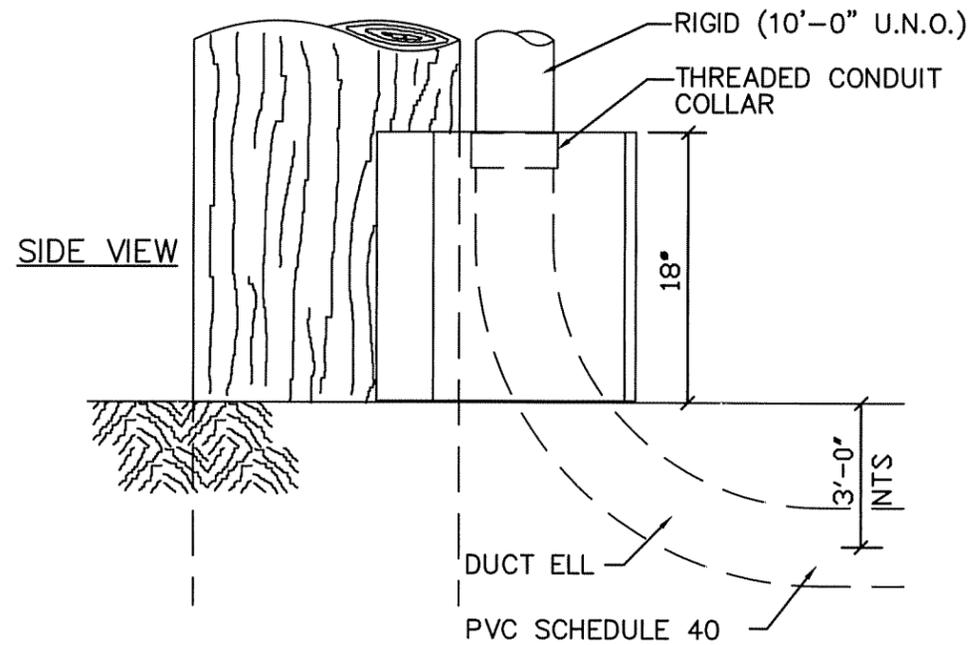
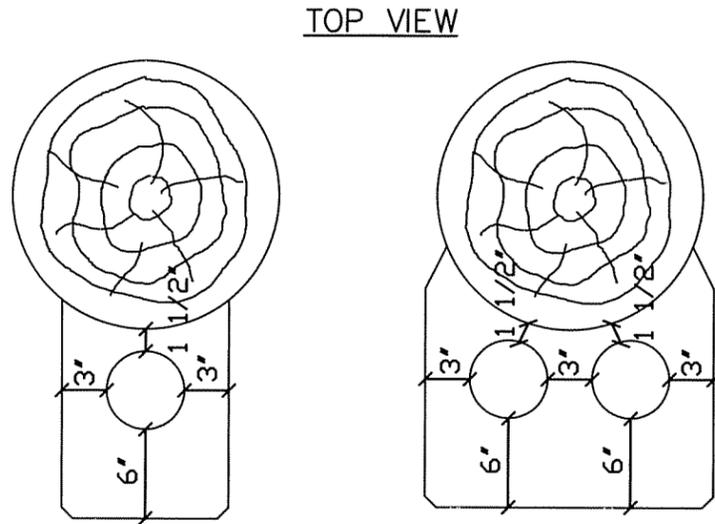


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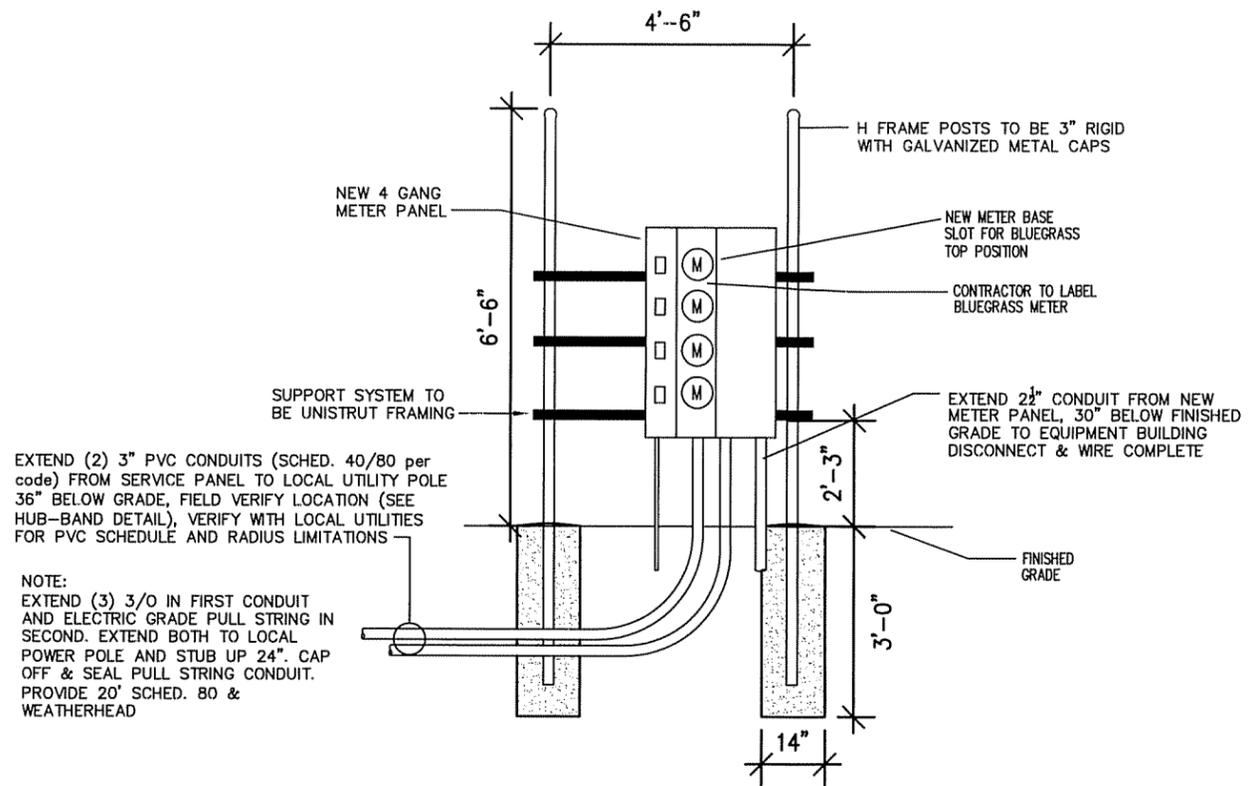
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
 340 J. BRUMMETT RD. GLENS FORK, KY. 42741

DRAWN BY: R. BECKER
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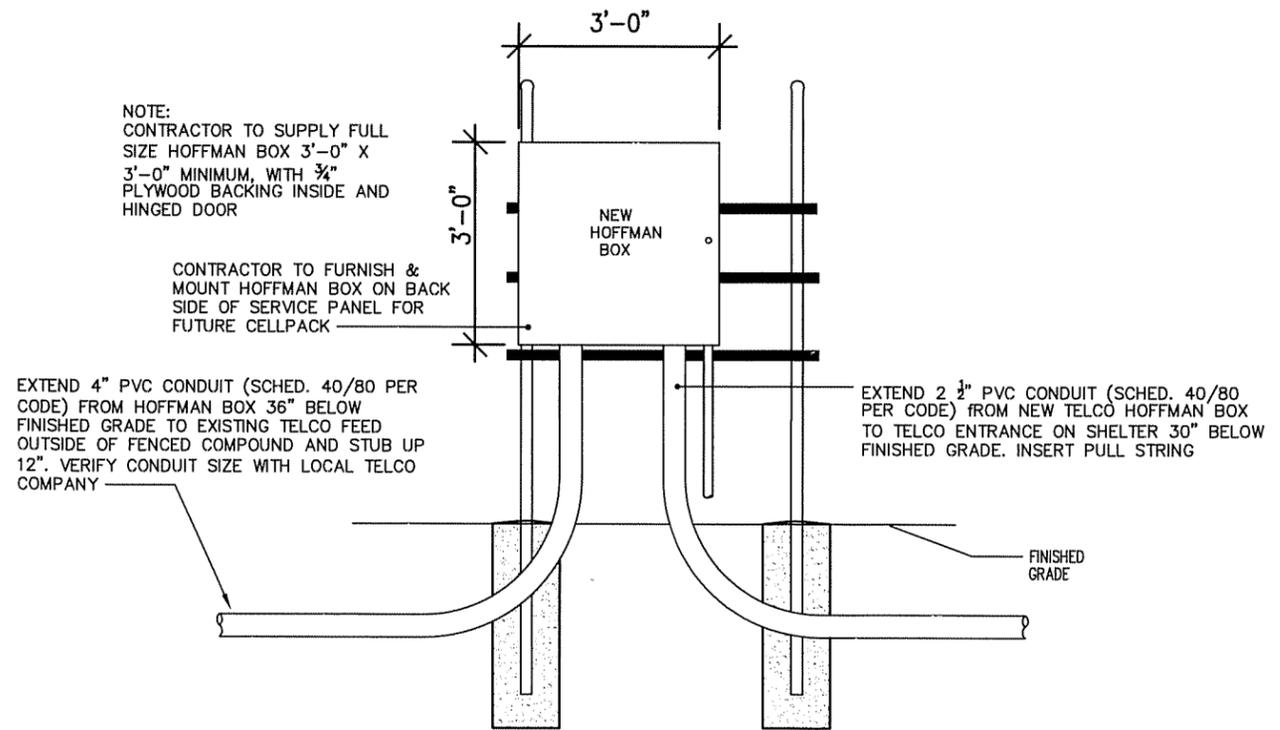
SHEET NUMBER
 E-1



HUB-BAND DETAIL
NO SCALE



SERVICE BOARD DETAIL
NO SCALE



BACKBOARD DETAIL
NO SCALE

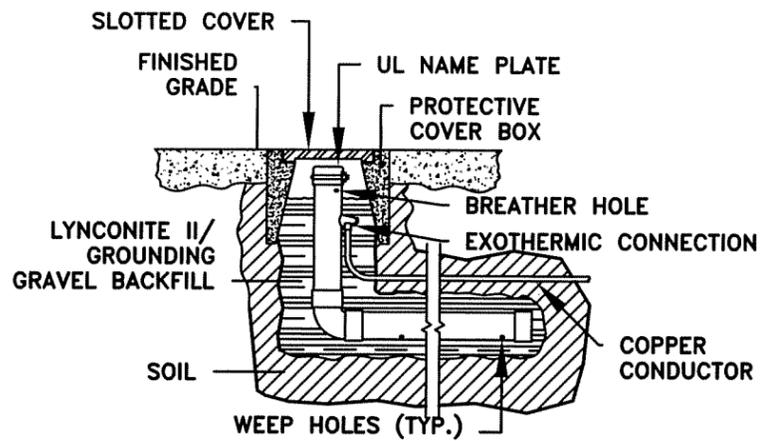


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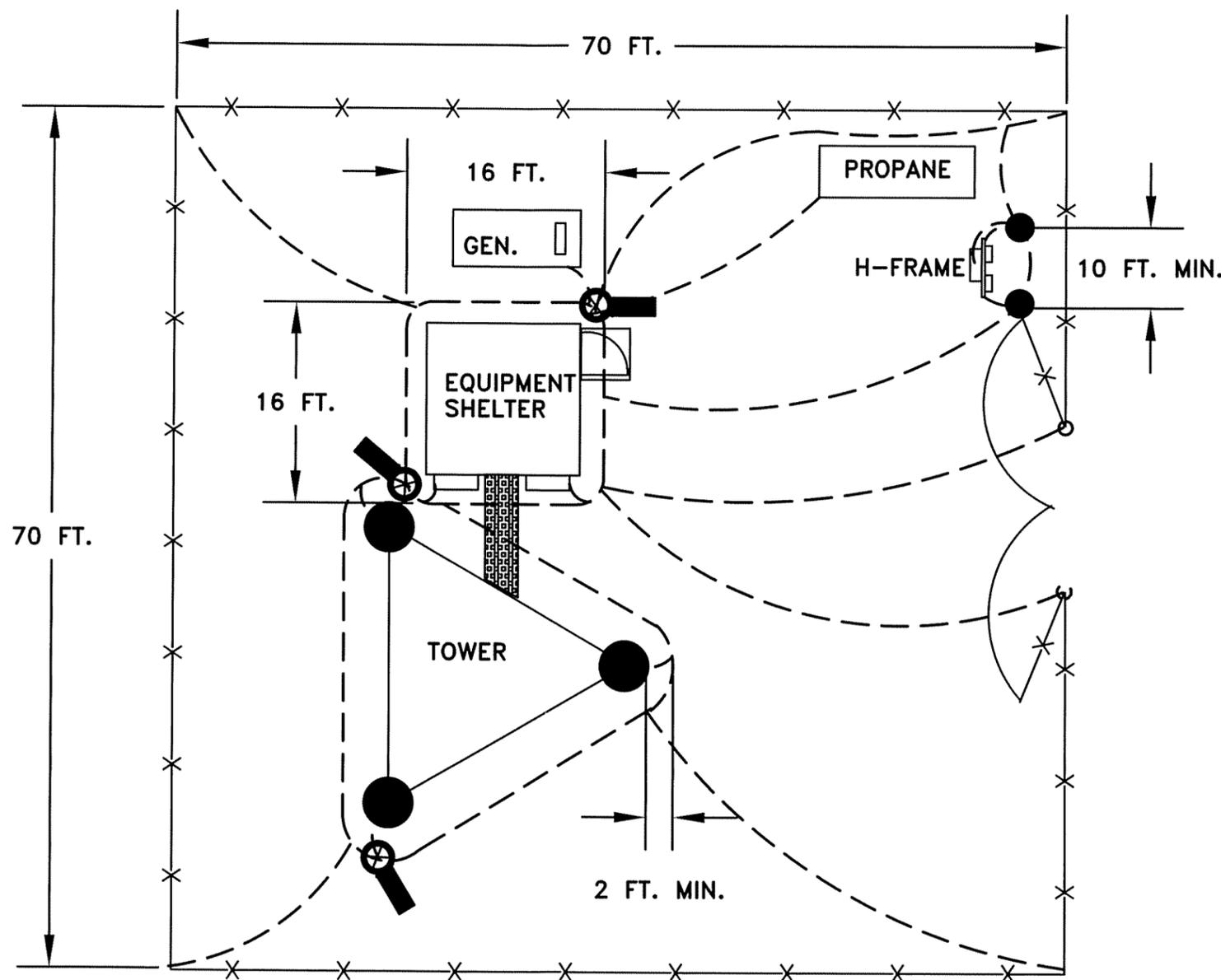
DRAWN BY: R. BECKER
ISSUE DATE: 1-08-11
SCALE: LISTED

SHEET NUMBER
E-2



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

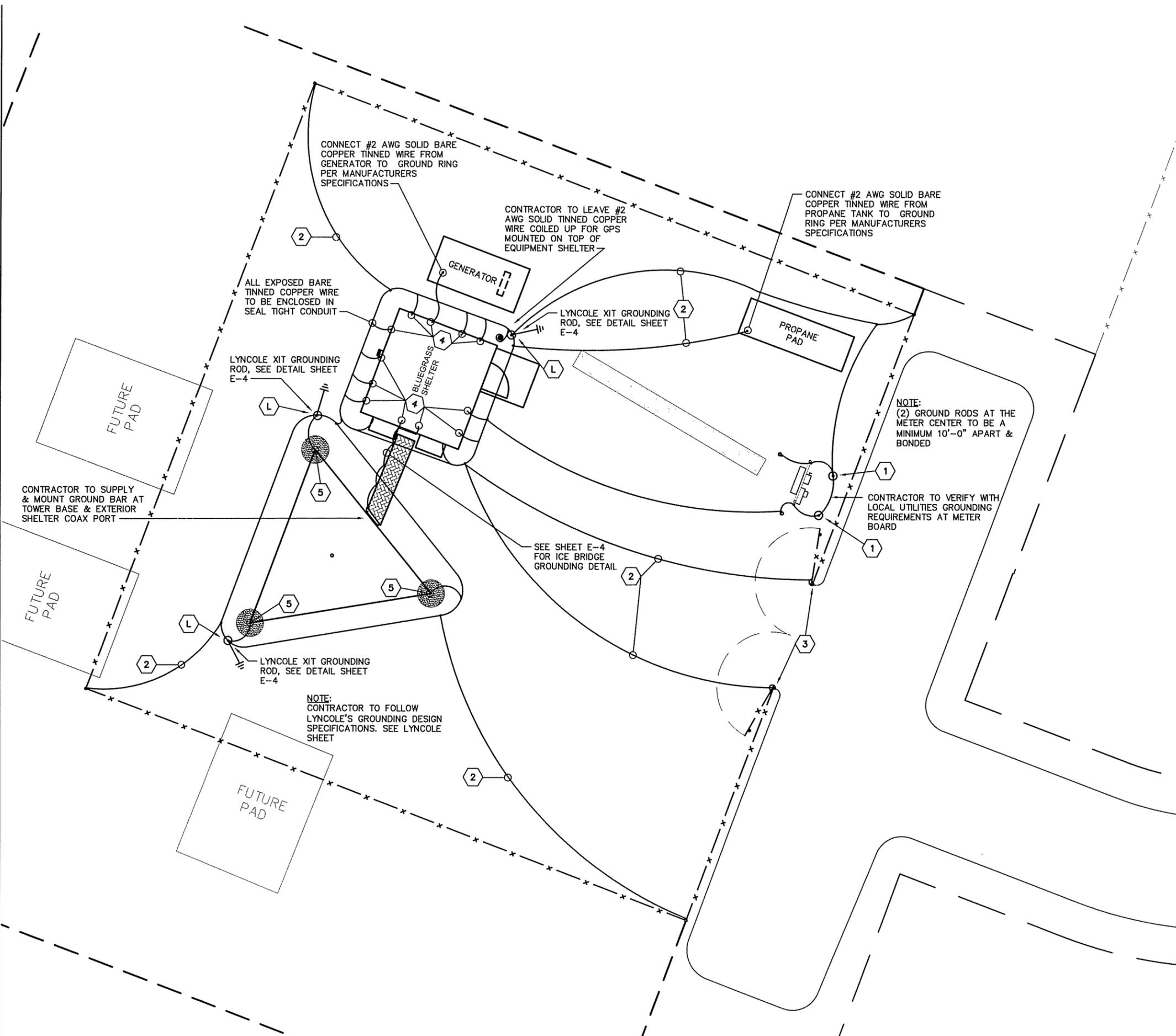
DETAIL



NOTES:

- X — FENCE LINE
- - - - BARE #2 AWG TINNED SOLID COPPER CONDUCTOR
BURIED 30 IN. BELOW GRADE OR 6 IN. BELOW FROST LINE
ALL BENDS IN GROUND CONDUCTORS TO BE MADE
WITH 12 IN. RADIUS OR LARGER
- ⊗ K2L-10CS-24 (SEE DETAIL)

		CLIENT / END USER BLUEGRASS CELLULAR	
		DRAWING 1	PROJECT NAME GLENS FORK
TECHNICAL SERVICES 3547 VOYAGER STREET, SUITE 204 TORRANCE, CA. 90503 (800)962-2610 FAX (310)214-1114 ENGINEERING@LYNCOLE.COM		TITLE GROUNDING OPTION	
SOIL DATA PROVIDED BY TERRACON		LOCATION: CITY, STATE GLENS FORK, KY	CALCULATED RESISTANCE < 5 OHMS
DRAWN BY BBD		APPROVED BY BBD	DATE 01/18/11
REFERENCE NUMBER N/A		SCALE NONE	LTS NUMBER 110005



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

NOTE:
CONTRACTOR TO PROVIDE WARNING TAPE IN ALL POWER & TELCO TRENCHES, 12" ABOVE CONDUIT RUNS, BUT BELOW FINISHED GRADE.

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

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

SITE PLAN-GROUNDING

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



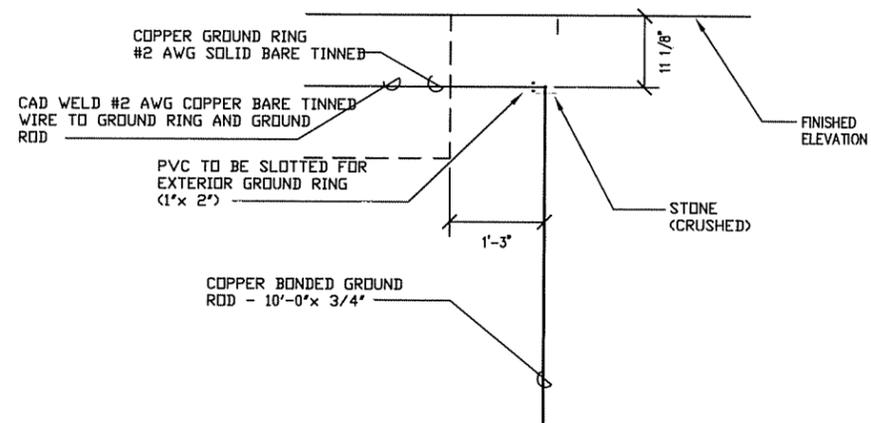
BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
340 J. BRUMMETT RD. GLENS FORK, KY. 42741

NO.	DATE	REVISION

DRAWN BY: R. BECKER
ISSUE DATE: 1-08-11
SCALE: LISTED

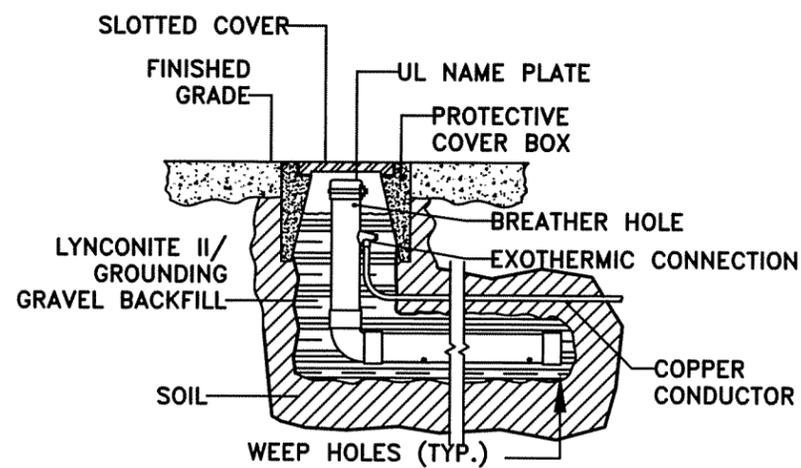
SHEET NUMBER

E-3



GROUND ROD DETAIL

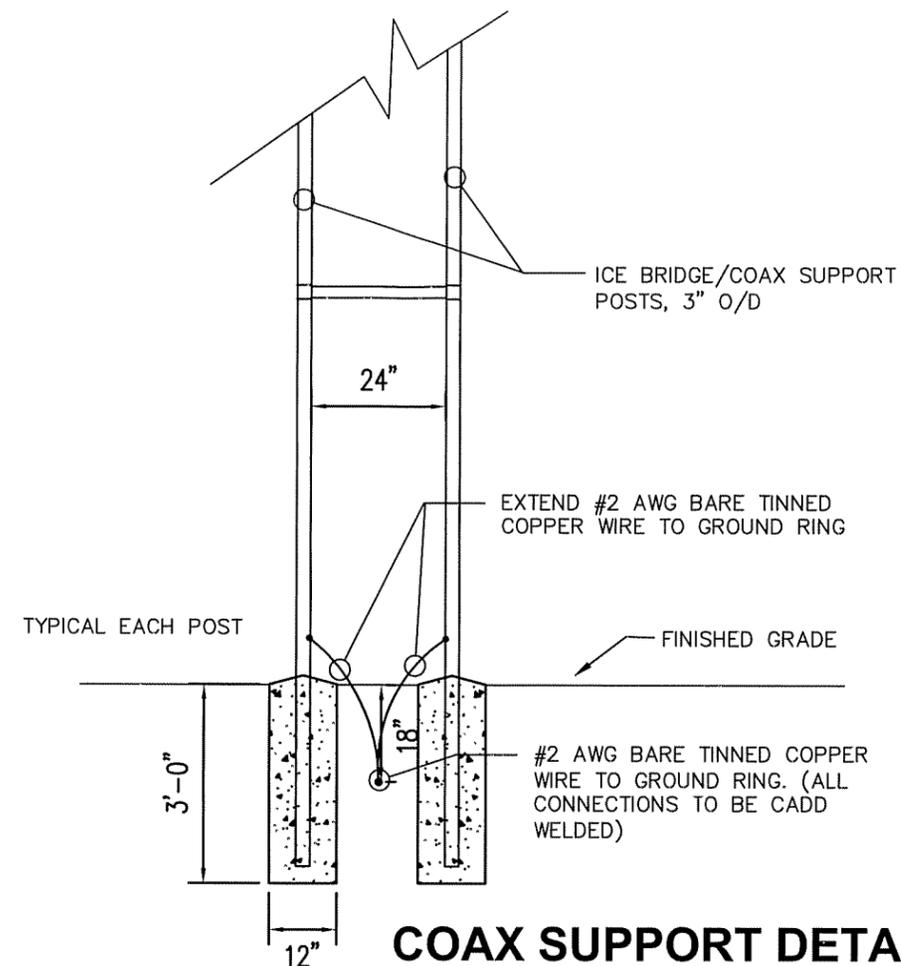
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L-SHAPE MODEL
LYNCOLE XIT GROUNDING
(800) 962-2610

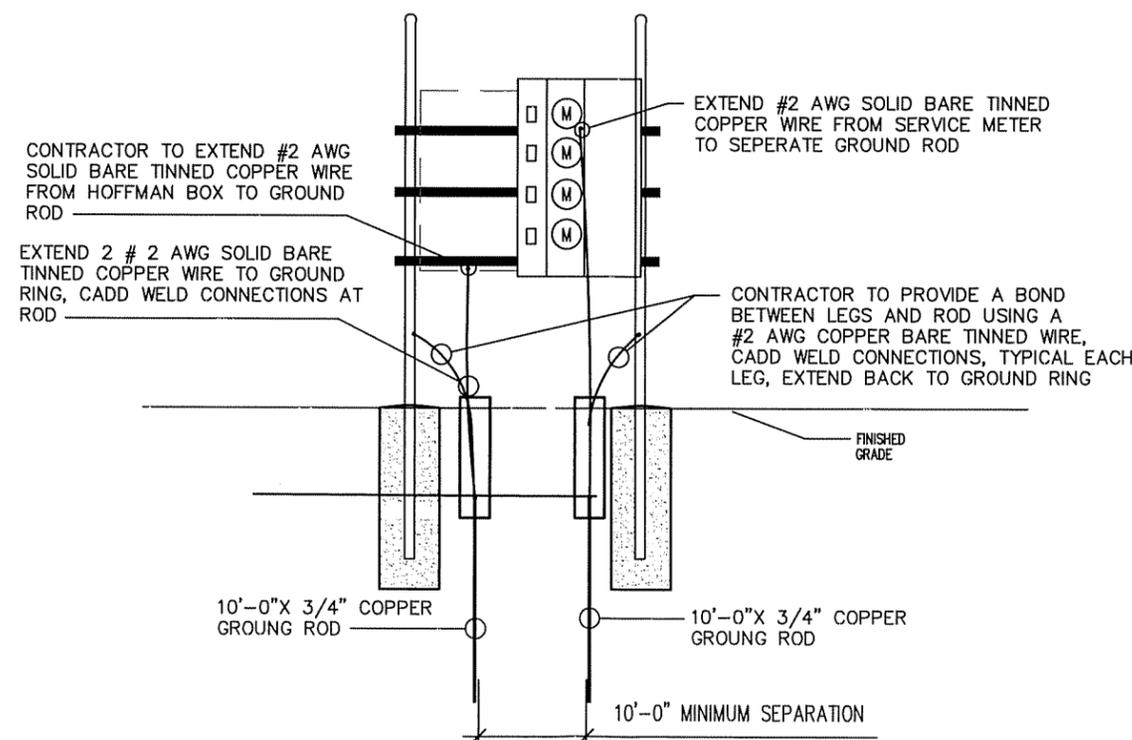
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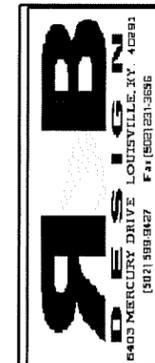
COAX SUPPORT DETAIL

NO SCALE



SERVICE BOARD DETAIL

NO SCALE

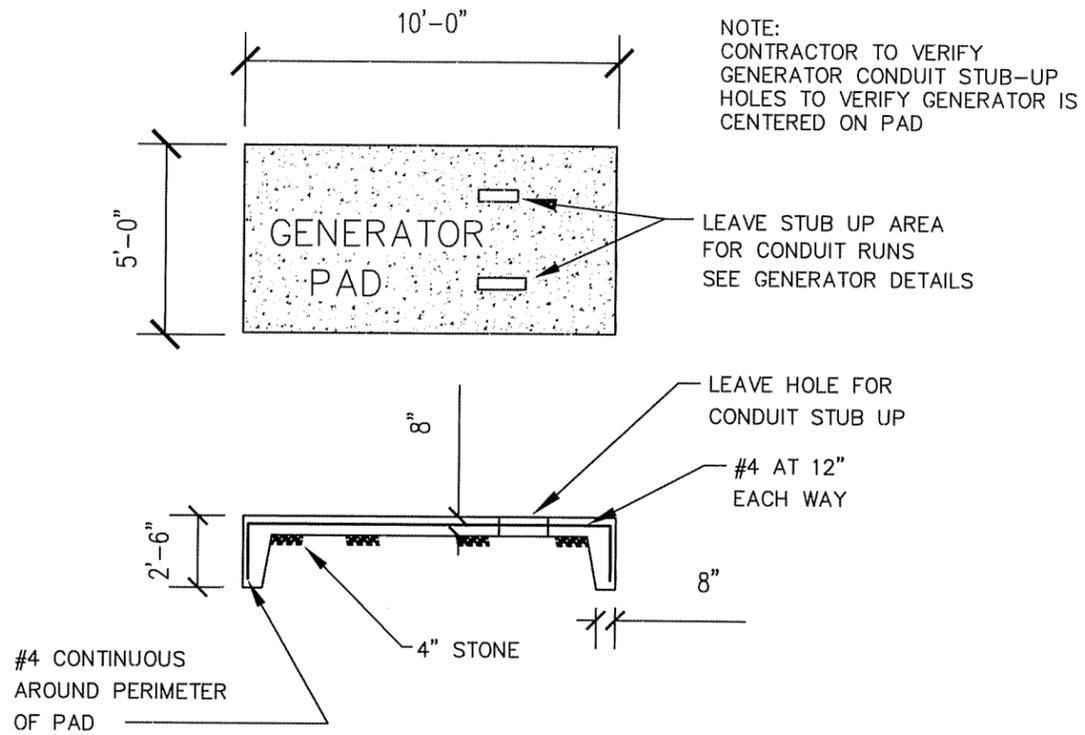


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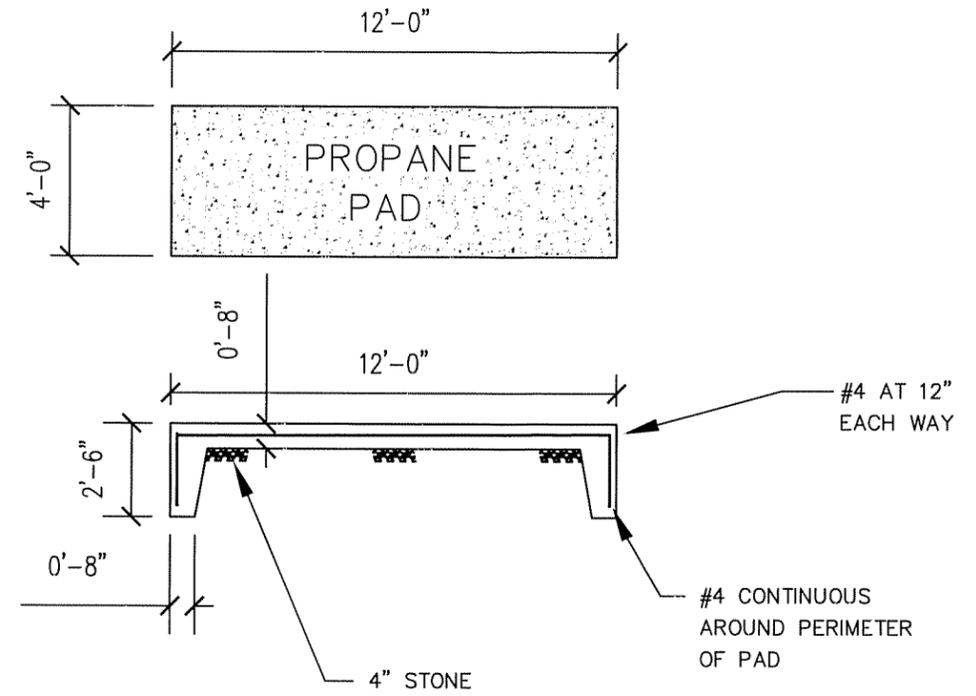
BLUEGRASS CELLULAR, INC.
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GLENS FORK
340 J. BRUMMETT RD. GLENS FORK, KY. 42741

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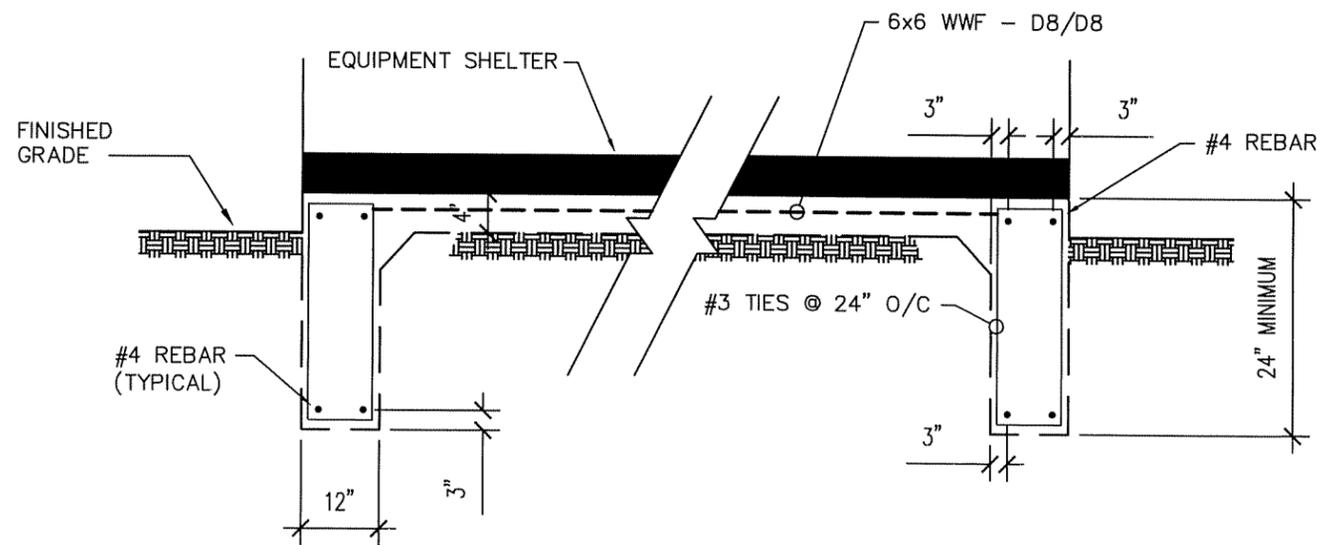
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E-4



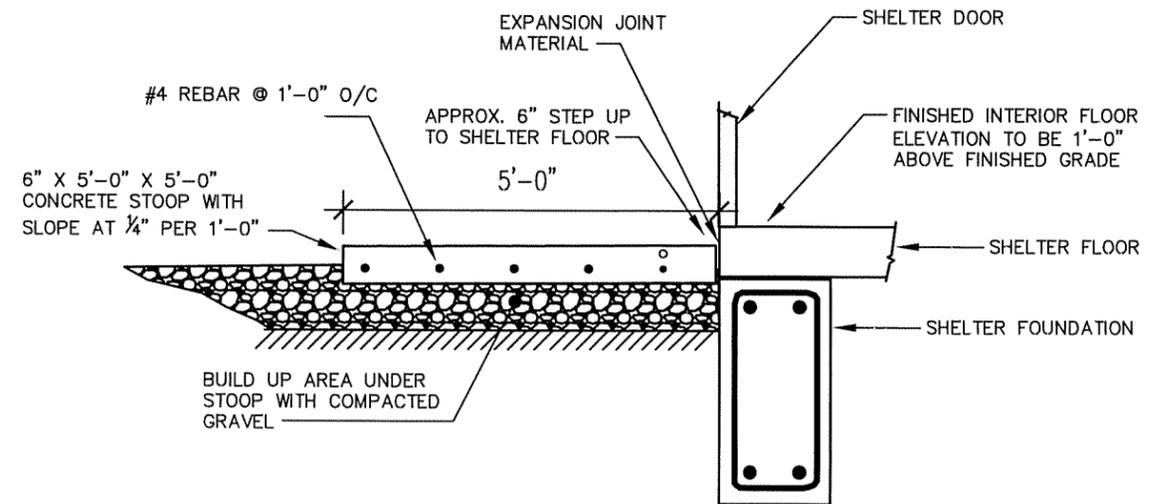
FOUNDATION DETAIL
NO SCALE



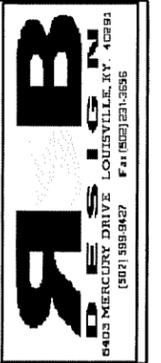
FOUNDATION DETAIL
NO SCALE



SHELTER FOUNDATION PLAN
NO SCALE



CONCRETE STOOP DETAIL
NO SCALE



NO.	DATE	REVISION

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
340 J. BRUMMETT RD. GLENS FORK, KY. 42741

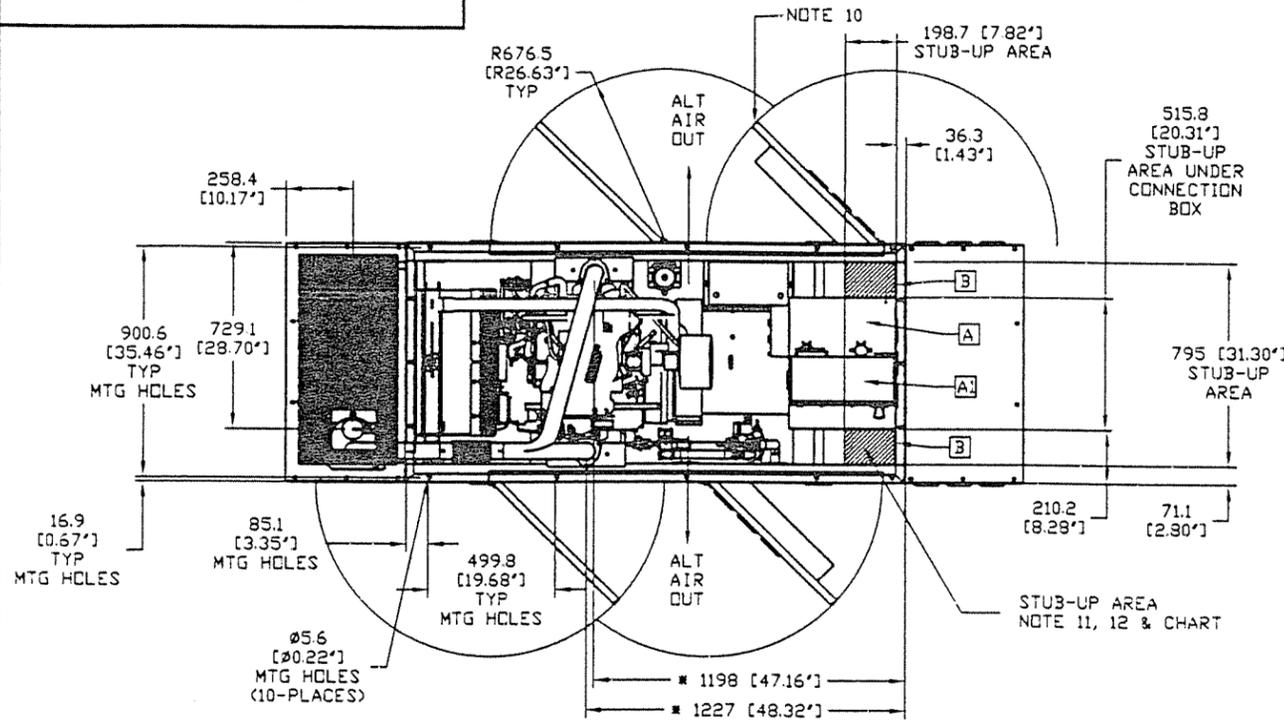
DRAWN BY: R. BECKER
ISSUE DATE: 1-08-11
SCALE: LISTED

SHEET NUMBER
S-1

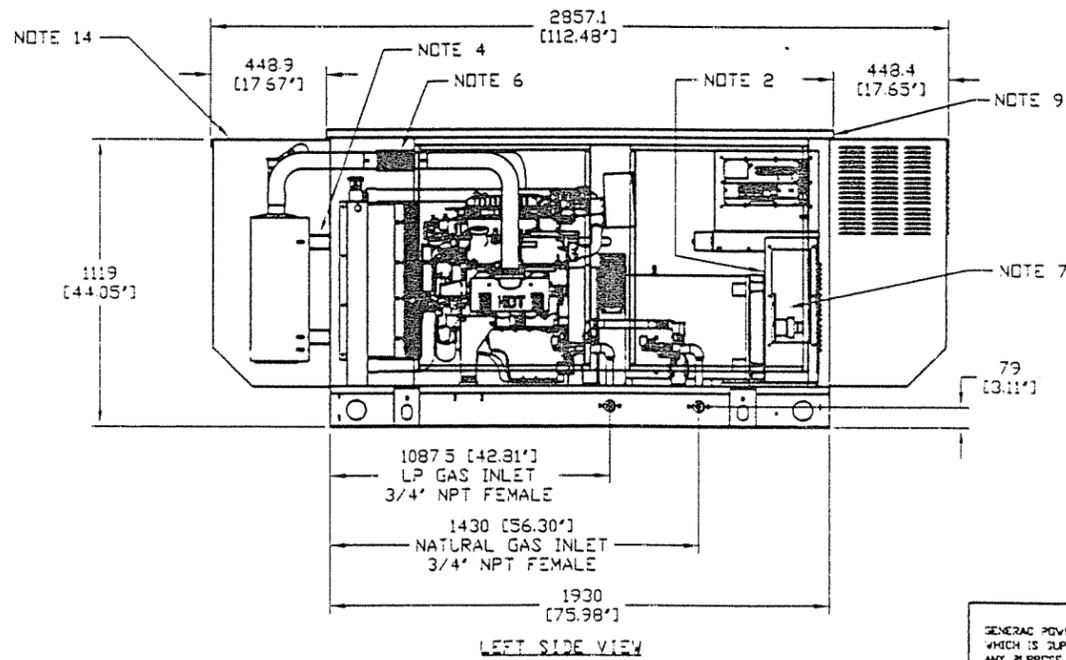
0G7627

ENGINE SERVICE CONNECTIONS

INLET L/P 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, 3" OD MUFFLER
 OUTLET WITH ENCLOSURE

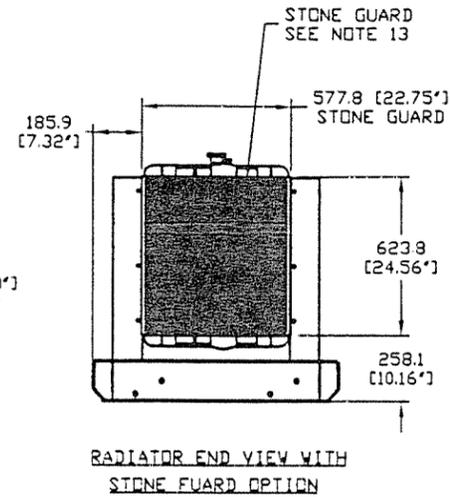


TOP OR PLAN VIEW



LEFT SIDE VIEW

APPLICABLE TO 4.5L G3 35, 40 & 45KW



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

DESCRIPTION	INSIDE BASE
AC LOAD LEAD CONDUIT (RIGHT) (LEFT)	A
ADDITIONAL STUB UP AREA FOR 120VAC GFCI OUTLET, (STANDARD BLOCK HEATER, BATTERY CHARGER, AND OTHER 120 VAC OPTIONS).	B

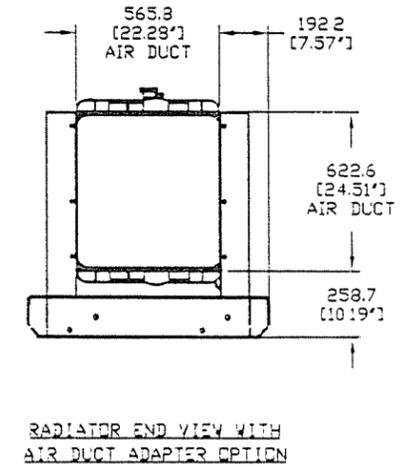
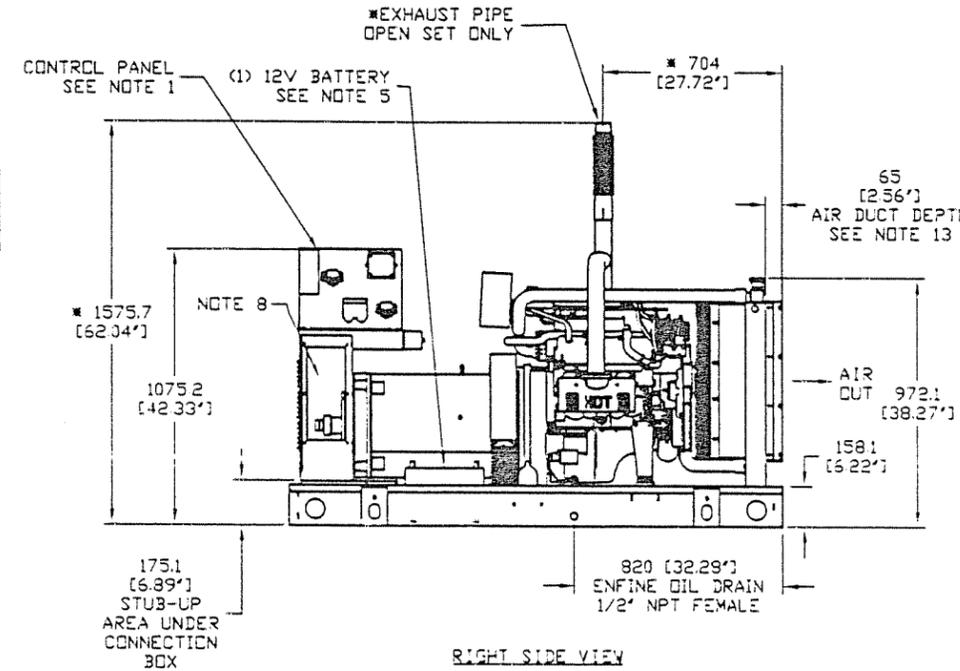
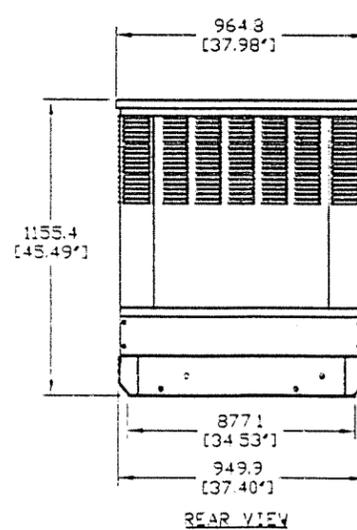
NOTE:
 FUEL SYSTEM SET UP WITH OUTSIDE STUB-UPS (SEE RIGHT SIDE VIEW).

WEIGHT DATA
 UNIT: ??? kg [??? lbs.]
 STEEL ENCLOSURE: ??? kg [??? lbs.]

UNITS: mm [INCHES]

NOTES:

- CONTROL PANEL MAY BE ROTATED 180° IN EITHER DIRECTION.
- STANDARD 20A GFCI DUPLEX OUTLET - 120VAC REQUIRED.
- CONNECTION POINTS FOR CONTROL WIRES PROVIDED IN AC CONNECTION PANEL.
- EXHAUST MUFFLER SUPPORT BRACKETS SUPPLIED WITH OPTIONAL ENCLOSURE.
- 12 VOLT NEGATIVE GROUND SYSTEM.
- 2.5" I. D. FLEX EXHAUST, STANDARD WITH ENCLOSURE UNITS, OPTIONAL WITHOUT.
- MAIN LINE CIRCUIT BREAKER (MLCB) AND AC LOAD LEAD CONNECTION.
- REMOVABLE BLANK PANEL FOR OPTIONAL 2nd MAIN LINE CIRCUIT BREAKER.
- OPTIONAL ENCLOSURE.
- DOORS MUST BE ABLE TO OPEN 90 DEG. TO BE REMOVED.
- STUB-UPS: STANDARD BASE TANK REQUIRES ALL STUB-UPS TO BE OUTSIDE OR IN THE REAR TANK STUB-UP AREA.
- A OR A' IS THE STUB UP AREA UNDER THE MLCB, DEPENDING ON CIRCUIT BREAKER LOCATION. AREA B IS STUB UP AVAILABLE FOR UNITS WITH A BASE TANK.
- STONE GUARD AND AIR DUCT ADAPTER STANDARD WITH OPEN SET ONLY.
- SEE DRAWING 0C3850 FOR DUCT REMOVAL. REMOVAL OF FRONT DUCT WILL PROVIDE ACCESS TO MUFFLER FOR SERVICING.
- *NOTE: DIMENSIONS TO THE CENTER OF EXHAUST FLANGE SHOULD BE USED AS A REFERENCE WHEN EXHAUST SYSTEM IS NOT ORDERED. APPLIES TO OPEN SET ONLY.



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SG 35, 40, 45 KW (UPSIZED 100 KW)

4.2L DIRECT DRIVE

ACOUSTIC ENCLOSURE

ISSUE DATE: 11/13/07

GENERAC POWER SYSTEMS
 Waukesha

P.O. BOX 8
 WAUKESHA, WIS. 53187

FILE NAME 0G7627-A.DWG SIZE B

SCALE NTS FIRST USE 4.2L G3

DWG NO. 0G7627 REV A

INSTALLATION DRAWING

GENERAL NOTES:

- 1) THE CONTRACTOR IS RESPONSIBLE FOR EQUIPMENT PICK UP DELIVERY TO SITE, ERECTION OF TOWER, AND CRANE SET, ALL COSTS INCURRED.
- 2) THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND REVIEWING EXISTING STRUCTURES OR UTILITIES THAT MIGHT BE LOCATED ON OR AROUND THE COMPOUND THAT COULD INTERFERE.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL AUTHORITIES NECESSARY FOR INSPECTIONS IF REQUIRED, PLEASE PROVIDE AMPLE NOTICE.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PERSONS RESPONSIBLE FOR ANY MATERIALS TESTING, PLEASE PROVIDE AMPLE NOTICE.
- 5) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH FINAL TEST RESULTS ON ALL MATERIALS TESTING. IF ANY PROBLEMS ARE FOUND PRIOR TO FINAL RESULTS PLEASE NOTIFY A&E OR OWNER IMMEDIATELY.
- 6) THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ADJOINING PROPERTY, AND REPAIRING OR REPLACING WHAT IS NECESSARY TO OWNERS APPROVAL.
- 7) THE CONTRACTOR IS TO VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION STARTING, ANY PROBLEMS OR CHANGE FOUND CONTACT A&E OR OWNER TO VERIFY.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY LIGHTING ON THE TOWER AND CONTACTING PROPER AUTHORITIES IF ANY LIGHTING PROBLEMS OCCUR, ALL FINAL LIGHTING TO BE MOUNTED ON TOWER DURING CONSTRUCTION, NOTIFY OWNER WHEN TOWER HAS REACHED FINAL HEIGHT.
- 9) THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE WORK MEANS AND METHODS.
- 10) CONTRACTOR, ANY CONTRACTOR EMPLOYEES OR REPRESENTATIVES, OR SUB-CONTRACTOR, ANY SUB-CONTRACTOR EMPLOYEES OR REPRESENTATIVES, WILL CONFORM TO ALL LAWS AND REGULATIONS APPLICABLE TO THE WORK BEING PERFORMED, INCLUDING BUT NOT LIMITED TO, ALL OCCUPATIONAL SAFETY AND HEALTH ACT ("OSHA") STATUTES AND REGULATIONS AS WELL AS ALL OTHER FEDERAL, STATE AND/OR LOCAL LAWS OR REGULATIONS APPLICABLE TO THE WORK BEING PERFORMED BY CONTRACTOR.
- 11) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SITE DRAINAGE, AND PROVIDING SILT AND EROSION CONTROL NECESSARY TO MAINTAIN ANY RUN OFF.
- 12) THE CONTRACTOR IS RESPONSIBLE FOR ALL SEED AND STRAW WORK NECESSARY TO REPAIR DAMAGED AREAS.
- 13) CONTRACTOR TO GRADE SMOOTH OR REPAIR ANY POT HOLES OR DITCHING ON PROPERTY OR ROAD THAT HAS OCCURRED DURING CONSTRUCTION AT CONTRACTORS EXPENSE.
- 14) CONTRACTOR'S RESPONSIBILITIES REGARDING BUILD OUT ON FIBREBOND EQUIPMENT SHELTERS TO INCLUDE:
 - * INSTALLING THE DOOR CANOPY & BOND TO DOOR FRAME
 - * INSTALLING EXTERIOR LIGHT ON WALL DETERMINED BY PROJECT SUPERVISOR AND PHOTOCCELL REQUIREMENTS
 - * INSTALLING INTRUDER ALARMS
 - * CHECK OPERATIONS OF DOOR AND DOOR HARDWARE
 - * ADJUST WEATHERSTRIPPING ON DOORS AS NEEDED
 - * INSPECT ROOF FOR DAMAGE AND POSSIBLE LEAKS
 - * INSPECT INTERIOR FINISH FOR IMPERFECTIONS AND REPAIR AS NEEDED
 - * CHECK OPERATION OF LIGHTS AND ELECTRICAL OUTLETS
 - * INSTALL GUTTER SYSTEM
 - * CHECK OPERATION OF ENVIRONMENTAL CONTROLS AND HVAC UNITS
 - * INSTALL AND PAINT SHELTER TIE-DOWNS TO MATCH
- 15) INSTALL CONCRETE PADS FOR BUILDING, PROPANE TANK, GENERATOR PAD.
- 16) INSTALL ELECTRIC AND GROUND FIELD FOR COMPOUND.

- 17) GC WILL BE RESPONSIBLE FOR ALL CRANE OPERATIONS IN ORDER TO SET FIBREBOND BUILDING. COORDINATE BUILDING DELIVERY DATE THROUGH BLUEGRASS CELLULAR.
- 18) GC WILL BE RESPONSIBLE FOR OFF LOADING AND STACKING OF TOWER WHEN APPLICABLE.
- 19) GC WILL BE RESPONSIBLE FOR MOUNTING ALL LINES AND ANTENNAS.
- 20) GC WILL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ICE BRIDGE.
- 21) GC WILL BE RESPONSIBLE FOR SCHEDULING PROPANE TANK DELIVERY AND HOOK-UP. PREFERRED SUPPLIERS ARE EMPIRE & AMERIGAS
- 22) GC WILL BE RESPONSIBLE FOR COORDINATING THE CLEANING OF THE INSIDE OF THE BUILDING WITH THE PROJECT SUPERVISOR AFTER THE SITE HAS BEEN TURNED OVER TO THE OPERATIONS DEPARTMENT AND ALL TURN-UP PROCEDURES HAVE BEEN COMPLETED. THIS WILL INCLUDE SUPPLYING A 30 GALLON TRASHCAN, 30 GALLON TRASH BAGS, BROOM, DUST PAN AND DOORMAT FOR BUILDING.
- 23) GC TO VERIFY ALL BLUEGRASS CELLULAR EQUIPMENT DIMENSIONS & SPECIFICATIONS WITH MANUFACTURER'S DRAWINGS, (FIBREBOND, GENERAC, EASTPOINTE ETC.) PRIOR TO CONSTRUCTION. ADDRESS ANY ISSUES WITH PROJECT SUPERVISOR BEFORE WORK BEGINS.
- 24) ALL WAREHOUSE MATERIAL (LINES, ANTENNAS, MOUNTING HARDWARE, GENERATOR, TOWER FOUNDATION KIT, ETC.) WILL NEED TO BE PICKED UP BY GC.
- 25) GC WILL BE RESPONSIBLE FOR SCHEDULING GENERATOR START-UP WITH CONTACT SCOTT ANDERSON (EVAPAR) 502-267-6315
- 26) GC TO LABEL BLUEGRASS CELLULAR METER WITH NAME PLATE ON METER BACKBOARD.
- 27) GC WILL BE RESPONSIBLE FOR INSTALLATION OF ALL FENCING.
- 28) ALL TRASH AND DEBRIS TO BE REMOVED BY GC
- 29) GC WILL BE RESPONSIBLE FOR APPLYING FOR ELECTRICAL SERVICE AND PAYING NECESSARY FEES REQUIRED.
- 30) GC WILL BE RESPONSIBLE FOR SUPPLYING & INSTALLING PROTECTIVE END CAPS ON ANY EXPOSED THREADED ROD OR UNISTRUT USED ON SITE. VERIFY TYPE WITH PROJECT SUPERVISOR PRIOR TO INSTALLATION.
- 31) GC WILL BE RESPONSIBLE FOR HAVING A CERTIFIED ELECTRICIAN HOOK UP THE BATTERIES (IMMEDIATELY) AFTER POWER HAS BEEN TURNED UP AT THE SITE, PREVENTING THE DELAY OF ANY WORK FOR OPERATIONS. THE GENERAL CONTRACTOR MUST NOTIFY THE PROJECT SUPERVISOR IMMEDIATELY AT THIS TIME SO HE CAN COORDINATE A CELL TECH TO BE ONSITE WHEN THIS OCCURS.
- 32) GC WILL BE RESPONSIBLE FOR RUNNING (CAT5) FROM THE GENERATOR ALARM PANEL MOUNTED ON THE SIDE OF THE TRANSFER SWITCH (BY THE CONTRACTOR), THROUGH THE TRANSFER SWITCH AND UP TO THE EXISTING CONDUIT BESIDE THE A/C POWER FAIL RELAY. THE (CAT5) WILL BE PULLED THROUGH EXISTING CONDUIT AROUND THE SHELTER AND EXTENDED TO THE ALARM BLOCK. THERE SHOULD BE A MINIMUM 3'-0" OF (CAT5) LEFT HANGING ON EACH END FOR THE CELL TECH TO HOOK UP THE GENERATOR ALARMS.
- 33) GC MUST SUBMIT A COPY OF THE BUILDING PERMIT AND CONSTRUCTION SCHEDULE TO THE PROJECT SUPERVISOR PRIOR TO RECEIVING (NTP) TO BEGIN CONSTRUCTION (NO EXCEPTIONS).
- 34) GC MUST DISPLAY FCC TOWER REGISTRATION NUMBER AND EMERGENCY PHONE NUMBERS ON 3'-0 X 4'-0" MINIMUM WOODEN BACKBOARD SOMEWHERE ON SITE LOCATION PRIOR TO BREAKING GROUND.

GRADING & EXCAVATING NOTES:

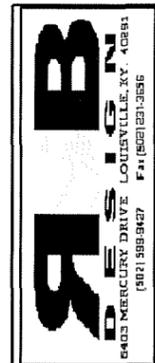
- 1) ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, ROADS AND PARKING AREAS TO BE REPAIRED OR REPLACED TO OWNERS SATISFACTION.
- 2) PREPARATION FOR FILL:
REMOVAL OF ALL DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, TOPSOIL, VEGETATION, AND HARMFUL MATERIALS FROM SURFACE OF GROUND PRIOR TO PLOWING, STRIPPING,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

SYMBOLS LEGEND

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

"CALL BEFORE YOU DIG"

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE UTILITY PROTECTION CENTER, PHONE 811 IN KENTUCKY, 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.



REVISION				
NO.	DATE			

BLUEGRASS CELLULAR, INC.
STANDARD CELLULAR SITE
GLENS FORK
 340 J. BRUMMETT RD. GLENS FORK, KY. 42741

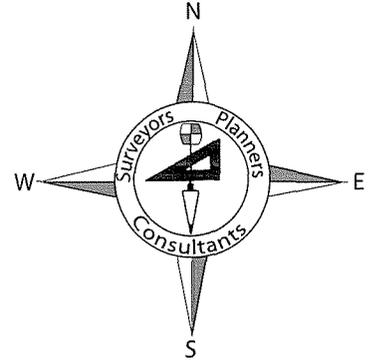
DRAWN BY: R. BECKER	ISSUE DATE: 1-08-11	SCALE: LISTED
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SHEET NUMBER
General Notes

C

Landmark Surveying Co., Inc.

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



15 N.E. 3rd Street
Washington, Indiana 47501
Phone: 812-257-0950
Fax: 812-257-0953
Email: landmark97@sbcglobal.net

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

Glens Fork Site

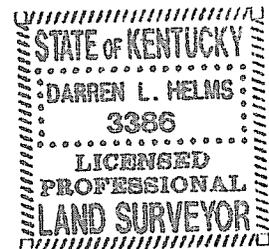
From downtown Columbia, Kentucky: travel south on Kentucky Highway 55 for 7.8 miles to Glens Fork and Kentucky Highway 900; turn right onto Kentucky Highway 900 and travel south for 0.4 miles to J. Brummett Road; turn right onto J. Brummett Road and travel northwesterly, passing a barn at 0.2 miles, 0.3 miles in all to the tower site on a ridge in a pasture. The address of the site is 340 J. Brummett Road, Glens Fork, Kentucky 42741.

Darren L. Helms

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

DEC. 16, 2010

Date



OPTION TO LEASE AND LEASE AGREEMENT

I.

OPTION TO LEASE REAL PROPERTY

THIS OPTION TO LEASE REAL PROPERTY (the "Option Agreement") is made and entered into this 18th day of October, 2010, by and between Jimmy and Barbara Brummett, husband and wife; and Leon and Lois Davis, husband and wife; (collectively the "Landlord(s)") and Cumberland Cellular Partnership, d/b/a Bluegrass Cellular a Kentucky general Partnership with principal office and place of business at 2902 Ring Road, Elizabethtown, KY 42701 (the "Optionee").

WITNESSETH:

WHEREAS, the Optionor(s) is the owner of certain real property located in Adair County, **Kentucky** as more particularly described on Exhibit A attached hereto and incorporated herein by reference (the "Property"); and

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

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

Glens Fork;

1. In consideration of **One Thousand Eight Hundred Dollars and Zero Cents (\$1,800.00)** paid by the Optionee to the Optionor(s) (the "Option Consideration"), the receipt of which is hereby acknowledged by the Optionor(s), the Optionor(s) hereby grants to the Optionee an exclusive and irrevocable option to lease the Property (the "Option"), upon the terms and conditions hereinafter set forth, upon the exercise of the Option at any time before 4:00 p.m. prevailing time on 4-18-12, (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.

Glens Fork;

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

Glens Fork;

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

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

Glens Fork:

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s) shall be: **7594 Highway 55 South**; the Optionee's address shall be: 2902 Ring Road, Elizabethtown, KY 42701. Any inquiry by the Optionor to the Optionee regarding the terms and conditions of the Option Agreement or Lease Agreement, or otherwise related to the Option Agreement or Lease Agreement, shall be made in writing and submitted to the attention of the Optionee's Lease Administrator at the above address.
15. The Optionee shall have the right, in its sole discretion, to record this Option in the Office of the Clerk of the County Court of Adair County, Kentucky.

II.

LEASE AGREEMENT

16. In the event the Optionee elects to exercise the Option to lease the Property, the terms of the Lease Agreement ("Lease Agreement" or "Lease") shall become immediately effective upon such exercise and shall be as follows.
 1. The term of the Lease shall commence on the date that the Optionor(s) receives proper notice that the Optionee has exercised the Option, pursuant to Paragraph 5 therein. The initial term shall expire **five (5) year(s)** from the commencement date of the Lease Agreement and shall include **six (6) additional five (5)-year terms** per the Lease Agreement. Optionee may, by providing written notice at least sixty (60) days prior to the expiration of the original or any renewal Lease term, elect to unilaterally terminate this Lease at the end of any original or renewal Lease term. Such notice must be

Glens Fork:

personally delivered or sent via registered or certified mail, return receipt requested, to the address of the Optioner(s) set forth in Paragraph 14 hereof. The Lease amount shall be adjusted at the end of each term by an increase of 12%.

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

Glens Fork;

5. The Optionee may assign the lease. The Optionee may sublet all or part of the space on the tower or ground space.
6. The Optionor(s) covenants that upon the Optionee's payment of the rent agreed upon herein, as well as Optionee's observing and performing all of the covenants and conditions contained in the Lease, the Optionee may peacefully and quietly enjoy the Property subject to the terms and conditions set forth in the Lease.
7. The Optionee agrees to maintain an access road in a passable manner for the term of the lease.
8. Optionee's Payment of Taxes, Fees and Assessments. Optionee shall pay directly to the applicable federal, state or local governmental unit or agency ("Governmental Entity") or to Optionor if Optionor is invoiced by such Governmental Entity, all taxes, fees, assessments or other charges assessed by any Governmental Entity directly against Optionee's Equipment and/or Optionee's use of the Facility. Optionee shall also pay to Optionor Optionee's Pro Rata Share of all taxes, fees, assessments or charges including, but not limited to, personal property taxes attributable to Optionee's equipment and antenna(s), municipal franchise fees, use fees, municipal application fees, installation fees and increases thereof. "Pro Rata Share" shall mean the fraction of decimal equivalent of dividing one (1) by the total number of then existing users occupying a tower on the last day of the applicable calendar year.

Glens Fork:

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]

Glens Fork:

EXECUTION OF AGREEMENT(S)

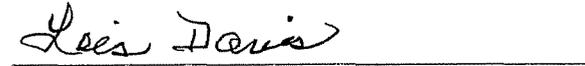
IN WITNESS WHEREOF, the parties hereto have set their hands and affixed their respective seals.

("Optionor(s)")

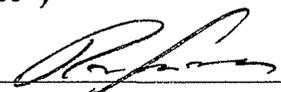

Jimmy Brummett
Date: 10-14-2010


Barbara Brummett
Date: 10-14-10


Leon Davis
Date: 10-14-2010


Lois Davis
Date: 10-14-2010

Cumberland Cellular Partnership.
d/b/a Bluegrass Cellular, a Kentucky general partnership
("Optionee")

By: 
Ron Smith
Its: Authorized Representative
Date: 10/18/10

STATE OF Kentucky
COUNTY OF Adair

The foregoing instrument was acknowledged before me this 14 day of October, 2010, by Jimmy and Barbara Brummett, husband and wife, to be his/her free act and deed.

Hayle Rogers
NOTARY PUBLIC STATE AT LARGE
My commission expires: 7/23/2013

STATE OF Kentucky
COUNTY OF Adair

The foregoing instrument was acknowledged before me this 14 day of October, 2010, by Leon and Lois Davis, husband and wife, to be his/her free act and deed.

Hayle Rogers
NOTARY PUBLIC STATE AT LARGE
My commission expires: 7/23/2013

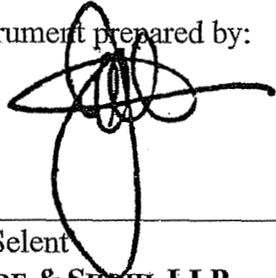
STATE OF KENTUCKY
COUNTY OF HARDIN

The foregoing instrument was acknowledged before me this 18th day of October, 2010, by **Ron Smith**, to be his free act and deed.

Jeff M Brewer
NOTARY PUBLIC STATE AT LARGE
My commission expires: 7-23-13

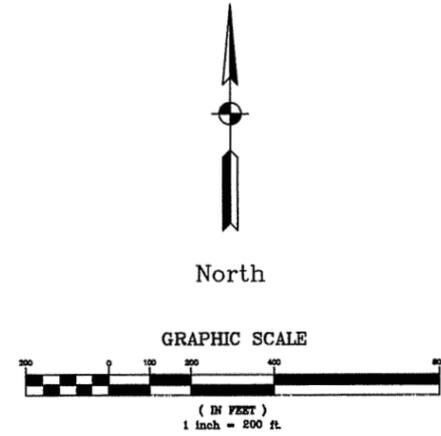
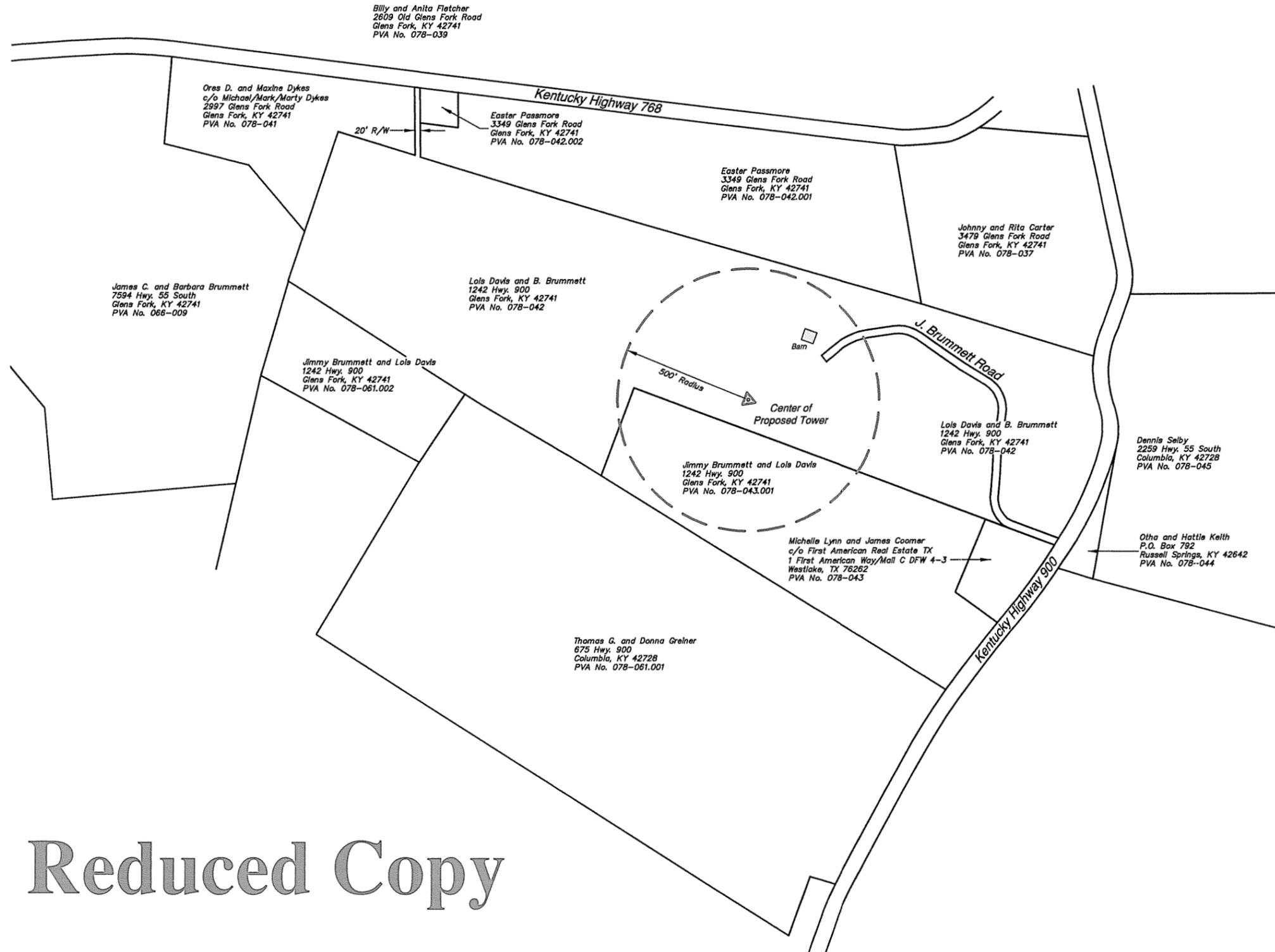
Glens Fork:

This instrument prepared by:

A handwritten signature in black ink, appearing to be 'John E. Selent', written over a horizontal line. The signature is stylized with loops and a long horizontal stroke extending to the right.

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

Site: Glens Fork
500-Foot Radius Map for Structures and Landowners
Adair County, Kentucky



Note

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

Surveyor's Certification

I hereby certify that the information shown is correct to the best of my knowledge, and it is in accordance with the records found in the office of the Property Valuation Administrator of Adair County, Kentucky on December 2, 2010.

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

DEC. 16, 2010
 Date

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

Landmark Surveying Co., Inc.
 15 N.E. 3rd Street
 Washington, Indiana 47501
 (812) 257-0950
 Email: landmark@landmarksurvey.com
 Project No. 10-12-091
 © 2010

500-Foot Radius Map
 340 J. Brummett Road
 Glens Fork, Kentucky 42741

Bluegrass Cellular
 2902 Ring Road
 Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE 12-16-10	DRAWN BY A. Winkler	CHECKED BY D.L. Helms
SHEET NO. 1		
OF 1 SHEETS		
FILE NO. glen-radius.dwg		

Reduced Copy

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 (GLENS FORK) IN RURAL
SERVICE AREA #5 (ADAIR) OF THE
COMMONWEALTH OF KENTUCKY**

CASE NO. 2011-00013

AFFIDAVIT OF HOLLY C. WALLACE

I, Holly C. Wallace, being duly sworn, depose and state as follows:

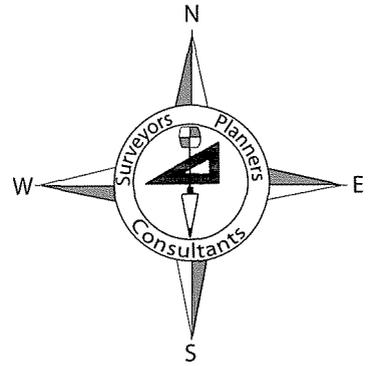
1. My name is Holly C. Wallace and I am a member of the Kentucky Bar Association. I am legal counsel to Cumberland Cellular Partnership and am submitting this affidavit in conjunction with the above referenced matter.

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

3. Attached as Exhibit 2 is a copy of the United States Certified Mail return receipt requested that demonstrates proof of service of the written notice of the proposed construction upon: (1) Ores D. and Maxine Dykes c/o Michael, Mark and Marty Dykes; (2) James C. and Barbara Brummett; (3) Thomas G. and Donna Greiner; (4) Michelle Lynn and James Coomer c/o First American Real Estate TX; (5) Billy and Anita Fletcher; (6) Jimmy Brummett and Lois Davis; (7) Otha and Hattie Keith; (8) Dennis Selby; (9) Johnny and Rita Carter; and (10)

Landmark Surveying Co., Inc.

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



15 N.E. 3rd Street
Washington, Indiana 47501
Phone: 812-257-0950
Fax: 812-257-0953
Email: landmark97@sbcglobal.net

Landowner and Adjacent Landowner List

Glens Fork Site

Ores D. and Maxine Dykes
c/o Michael/Mark/Marty Dykes
2997 Glens Fork Road
Glens Fork, KY 42741

James C. and Barbara Brummett
7594 Hwy. 55 South
Glens Fork, KY 42741

Jimmy Brummett and Lois Davis
1242 Hwy. 900
Glens Fork, KY 42741

Thomas G. and Donna Greiner
675 Hwy. 900
Columbia, KY 42728

Michelle Lynn and James Coomer
c/o First American Real Estate TX
1 First American Way/Mail C DFW 4-3
Westlake, TX 76262

Billy and Anita Fletcher
2609 Old Glens Fork Road
Glens Fork, KY 42741

Otha and Hattie Keith
P.O. Box 792
Russell Springs, KY 42642

Dennis Selby
2259 Hwy. 55 South
Columbia, KY 42728

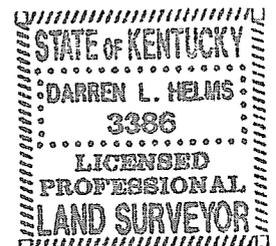
Johnny and Rita Carter
3479 Glens Fork Road
Glens Fork, KY 42741

Easter Passmore
3349 Glens Fork Road
Glens Fork, KY 42741

Lois Davis and B. Brummett
1242 Hwy. 900
Glens Fork, KY 42741

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

Date



January 14, 2011

Ores D. and Maxine Dykes
c/o Michael, Mark and Marty Dykes
2997 Glens Fork Road
Glens Fork, Kentucky 42741

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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

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

Please refer to case number 2011-00013 in our correspondence.

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	<p>A. Signature <input checked="" type="checkbox"/> <i>Maxine Dykes</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Maxine Dykes</i> 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>1. Article Addressed to: <i>Ores D. + Maxine Dykes c/o Michael, Mark + Marty Dykes 2997 Glens Fork Rd. Glens Fork, KY 42741</i></p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7010 1870 0003 0714 7662</p>

PS Form 3811 February 2004 Domestic Return Receipt 102505-02-M-1540

January 14, 2011

James C. and Barbara Brummett
7594 Highway 55 South
Glens Fork, Kentucky 42741

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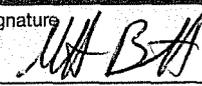
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1. Article Addressed to: James C. & Barbara Brummett 7594 Hwy 55 South Glens Fork, KY 42741	B. Received by (Printed Name) Matt Brummett	C. Date of Delivery 1-15-11
2. Article Number (Transfer from service label)	D. Is delivery address different from 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	

January 14, 2011

Thomas G. and Donna Greiner
675 Highway 900
Columbia, Kentucky 42728

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P.O. Box 615
Frankfort, Kentucky, 40602.**

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<p>1. Article Addressed to:</p> <p><i>Thomas G. & Donna Greiner 675 Hwy 900 Columbia, KY 42728</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes if YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7010 1870 0003 0714 7648</i></p>

January 14, 2011

Billy and Anita Fletcher
2609 Old Glens Ford Road
Glens Fork, Kentucky 42741

Public Notice

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

Please refer to case number 2011-00013 in our correspondence.

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

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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>A. Signature <input checked="" type="checkbox"/> Anita Fletcher <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Anita Fletcher</p> <p>C. Date of Delivery 1-15-11</p> <p>D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
1. Article Addressed to: Billy & Anita Fletcher 2609 Old Glens Fork Rd. Glens Fork, KY 42741	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>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
2. Article Number (Transfer from service label)	7010 1870 0003 0714 7624

January 14, 2011

Jimmy Brummett and Lois Davis
1242 Highway 900
Glens Fork, Kentucky 42741

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Jimmy Brummett & Lois Davis 1242 Hwy 900 Glens Fork, KY 42741	B. Received by (Printed Name) C. Date of Delivery Mc H Brummett 1-15-11
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? If YES, enter delivery address below: <input type="checkbox"/> Yes <input type="checkbox"/> No
PS Form 3811, February 2004	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
	7010 1870 0003 0714 7617 Domestic Return Receipt 102595-02-M-1540

January 14, 2011

Dennis Selby
2259 Highway 55 South
Columbia, Kentucky 42728

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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

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

Please refer to case number 2011-00013 in our correspondence.

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>Dennis Selby</i> <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> Yes <i>Dennis Selby</i> <input type="checkbox"/> No</p> <p>C. Date of Delivery <i>1/18/11</i></p>
<p>1. Article Addressed to:</p> <p><i>Dennis Selby 2259 Highway 55 South Columbia, KY 42728</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) 7010 1870 0003 0714 7594 </p>	

January 14, 2011

Johnny and Rita Carter
3479 Glens Fork Road
Glens Fork, Kentucky 42741

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Rita Carter <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Rita Carter</p> <p>C. Date of Delivery 1/14/2011</p>
<p>1. Article Addressed to:</p> <p>Johnny & Rita Carter 3479 Glens Fork Rd. Glens Fork, KY 42741</p>	<p>D. Is delivery address different from item 1? If YES, enter delivery address below: <input type="checkbox"/> Yes <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>
<p>2. Article Number (Transfer from service label) 7010 1670 0003 0714 7587</p>	

January 14, 2011

Lois Davis and B. Brummett
1242 Highway 900
Glens Fork, Kentucky 42741

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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

Please refer to case number 2011-00013 in our correspondence.

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee
1. Article Addressed to: Lois Davis & B. Brummett 1242 Hwy 900 Glens Fork, KY 42741	B. Received by (Printed Name) C. Date of Delivery Matt Brummett 1-15-11
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
	7010 1870 0003 0714 7563

January 14, 2011

Otha and Hattie Keith
P.O. Box 792
Russell Springs, Kentucky 42642

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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

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

Please refer to case number 2011-00013 in our correspondence.

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY				
<ul style="list-style-type: none">■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	<table border="1"><tr><td data-bbox="827 1519 1174 1598">A. Signature <i>Hattie Keith</i> <i>Patricia Keith</i></td><td data-bbox="1179 1519 1344 1598"><input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</td></tr><tr><td data-bbox="827 1598 1174 1676">B. Received by (Printed Name) <i>Hattie Keith</i> <i>Patricia Keith</i></td><td data-bbox="1179 1598 1344 1676">C. Date of Delivery <i>1-25-11</i></td></tr></table>	A. Signature <i>Hattie Keith</i> <i>Patricia Keith</i>	<input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	B. Received by (Printed Name) <i>Hattie Keith</i> <i>Patricia Keith</i>	C. Date of Delivery <i>1-25-11</i>
A. Signature <i>Hattie Keith</i> <i>Patricia Keith</i>	<input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee				
B. Received by (Printed Name) <i>Hattie Keith</i> <i>Patricia Keith</i>	C. Date of Delivery <i>1-25-11</i>				
1. Article Addressed to: <i>Otha & Hattie Keith</i> <i>P.O. Box 792</i> <i>Russell Springs, KY</i> <i>42642</i>	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 type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input checked="" type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.				
2. Article Number (Transfer from service label)	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <i>7010 1870 0003 0714 7600</i>				

January 14, 2011

Michelle Lynn and James Coomer
c/o First American Real Estate TX
1 First American Way/Mail C DFW 4-3
Westlake, Texas 76262

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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

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

Please refer to case number 2011-00013 in our correspondence.

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee Mike Cordell B. Recipient Name <input type="checkbox"/> Agent Mike Cordell C. Date of Delivery 1/25/11
1. Article Addressed to: Michelle Lynn & James Coomer c/o First American Real Estate TX 1 First American Way/ Mail C DFW 4-3 Westlake Texas 76262	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 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 checked="" type="checkbox"/> Yes
2. Article Number (Transfer from service label)	7010 1870 0003 0714 7631

January 14, 2011

Easter Passmore
3349 Glens Fork Road
Glens Fork, Kentucky 42741

Public Notice

Cumberland Cellular Partnership is a Kentucky general partnership that markets its services as Bluegrass Cellular. Bluegrass Cellular has been serving Central Kentucky with wireless communications services for almost 20 years.

Cumberland Cellular Partnership is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower and equipment shelter to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. A map showing the location is attached.

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

Please refer to case number 2011-00013 in our correspondence.

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



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Date Accepted 3-10-11	Scheduled Date of Delivery	Return Receipt Fee	
Mo. Day Year 3-10-11	Month Day	\$	
Time Accepted 4:10 PM	Scheduled Time of Delivery <input type="checkbox"/> Noon <input checked="" type="checkbox"/> 3 PM	COD Fee	Insurance Fee
<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Military	\$	\$
Flat Rate <input type="checkbox"/> or Weight	<input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Total Postage & Fees \$ 13.25	
lbs. 1.3 ozs.	Int'l Alpha Country Code	Acceptance Emp. Initials	

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Delivery Attempt	Time	<input type="checkbox"/> AM <input type="checkbox"/> PM Employee Signature
Mo. Day		
Delivery Attempt	Time	<input type="checkbox"/> AM <input type="checkbox"/> PM Employee Signature
Mo. Day		
Delivery Date	Time	<input type="checkbox"/> AM <input type="checkbox"/> PM Employee Signature
Mo. Day		

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Federal Agency Acct. No. or Postal Service Acct. No.	

NO DELIVERY
 Weekend Holiday Mailer Signature

FROM: (PLEASE PRINT) PHONE (502) 540-2300

Dinsmore & Shelton LLP
1400 Park Plaza
506 W. Jefferson St.
Louisville, KY 40202

TO: (PLEASE PRINT) PHONE ()

Easter Passmore
3349 GlenisFork Road
GlenisFork, Kentucky

ZIP + 4 (U.S. ADDRESSES ONLY. DO NOT USE FOR FOREIGN POSTAL CODES)
42741+

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Search Results

Label/Receipt Number: **EH89 1109 700U S**
Guaranteed Delivery Date/Time: **February 11, 2011, 3:00 PM**
Class: **Express Mail®**
Status: **Delivered**

[Track & Confirm](#)

Enter Label/Receipt Number.

Your item was delivered at 2:10 pm on February 11, 2011 in COLUMBIA, KY 42728. The item was signed for by E PASMORE.

[Go >](#)

Detailed Results:

- **Delivered, February 11, 2011, 2:10 pm, COLUMBIA, KY 42728**
- **Out for Delivery, February 11, 2011, 7:17 am, COLUMBIA, KY 42728**
- **Sorting Complete, February 11, 2011, 7:07 am, COLUMBIA, KY 42728**
- **Arrival at Post Office, February 11, 2011, 5:44 am, COLUMBIA, KY 42728**
- **Processed through Sort Facility, February 11, 2011, 12:22 am, ELIZABETHTOWN, KY 42701**
- **Processed through Sort Facility, February 10, 2011, 6:32 pm, LOUISVILLE, KY 40231**
- **Acceptance, February 10, 2011, 4:14 pm, LOUISVILLE, KY 40202**

[Notes and Options](#)

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U.S. POSTAL SERVICE



Dinsmore & Shohl LLP
ATTORNEYS

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

January 14, 2011

Via Certified Mail

Honorable Ann Melton
Adair County Judge Executive
424 Public Square, Suite 1
Columbia, KY 42728

RE: ***Application of Cumberland Cellular Partnership d/b/a Bluegrass Cellular for a Certificate of Public Convenience and Necessity to construct a cellular tower to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741, before the Public Service Commission of the Commonwealth of Kentucky, Case No. 2011-00013***

Dear Judge Melton,

We are legal counsel to Cumberland Cellular Partnership ("Cumberland Cellular") which markets its services as Bluegrass Cellular.

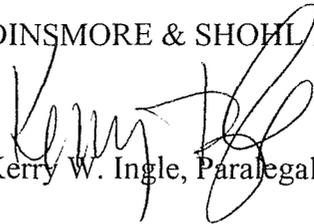
Cumberland Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the Commission") for a Certificate of Public Convenience and Necessity to propose construction and operation for a new facility to provide cellular telecommunications service in rural service area (RSA) #5 in Adair County. The facility would include a 240 foot tower to be located at 340 J. Brummett Road, Glens Fork, Kentucky, 42741. 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 of the Commonwealth of Kentucky, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to case number 2011-00013 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP


Kerry W. Ingle, Paralegal

824901v1

1400 PNC Plaza, 500 West Jefferson Street, Louisville, KY 40202
502.540.2300 • 502.585.2207 fax • www.dinslaw.com

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Honorable Ann Melton
Adair County Judge Executive
424 Public Square, suite 1
Columbia, KY 42728

2. Article Number
(Transfer from service label)

7010 1870 0003 0714 7556

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*

- Age
 Address

B. Received by (Printed Name)

[Signature]

C. Date of Delivery

1-18-01

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee) Yes



PUBLIC NOTICE

Construction of a radio tower
proposed to
be located on the
property shown

TOWER

on the site shown on the
attached map.

For more information,
please contact the
applicant at the
address shown on the
attached map.

Please refer to P.C.

Case #2011-00013

on your correspondence.

PUBLIC NOTICE

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

TOWER

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

**Cumberland Cellular
Partnership
P.O. Box 5012
2902 Ring Road
Elizabethtown, KY 42701**

or

**Executive Director,
The Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602**

Please refer to P.S.C.

Case #2011-00013

in your correspondence.

PUBLIC NOTICE

Notice of Intent to Issue a
License for the
Construction of a
Tower

TOWER

Notice of Intent to Issue a
License for the
Construction of a
Tower

DATE: 10/15/03
TIME: 10:00 AM
LOCATION: 1000 N. 1000 W.
CITY: SALT LAKE CITY, UT

FOR MORE INFORMATION, CONTACT:

Case #2015-00010

BY: [Signature]

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 5012
2007 Hemp Road
Elizabethtown, NY 42701

Executive Director,
The Public Service Commission
310 Sower Boulevard
P.O. Box 015
Frankfort, NY 40002

Please refer to P.S.C.

Case #2011-00013

in your correspondence.

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NOTICE
 Cumberland Cellular Partnership is applying to the Public Service Commission of Kentucky for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide cellular radio telecommunications service in rural service area #5 of the Commonwealth of Kentucky (Glensfork Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 340 J. Brummett Road, Glensfork, Kentucky 42741. Your comments and requests for intervention should be addressed to: Executive Director's Office, Public Service Commission, Post Office Box 615, 211 Sower Boulevard, Frankfort, Kentucky 40602. Please refer to Case No. 2011-00013 in your correspondence.

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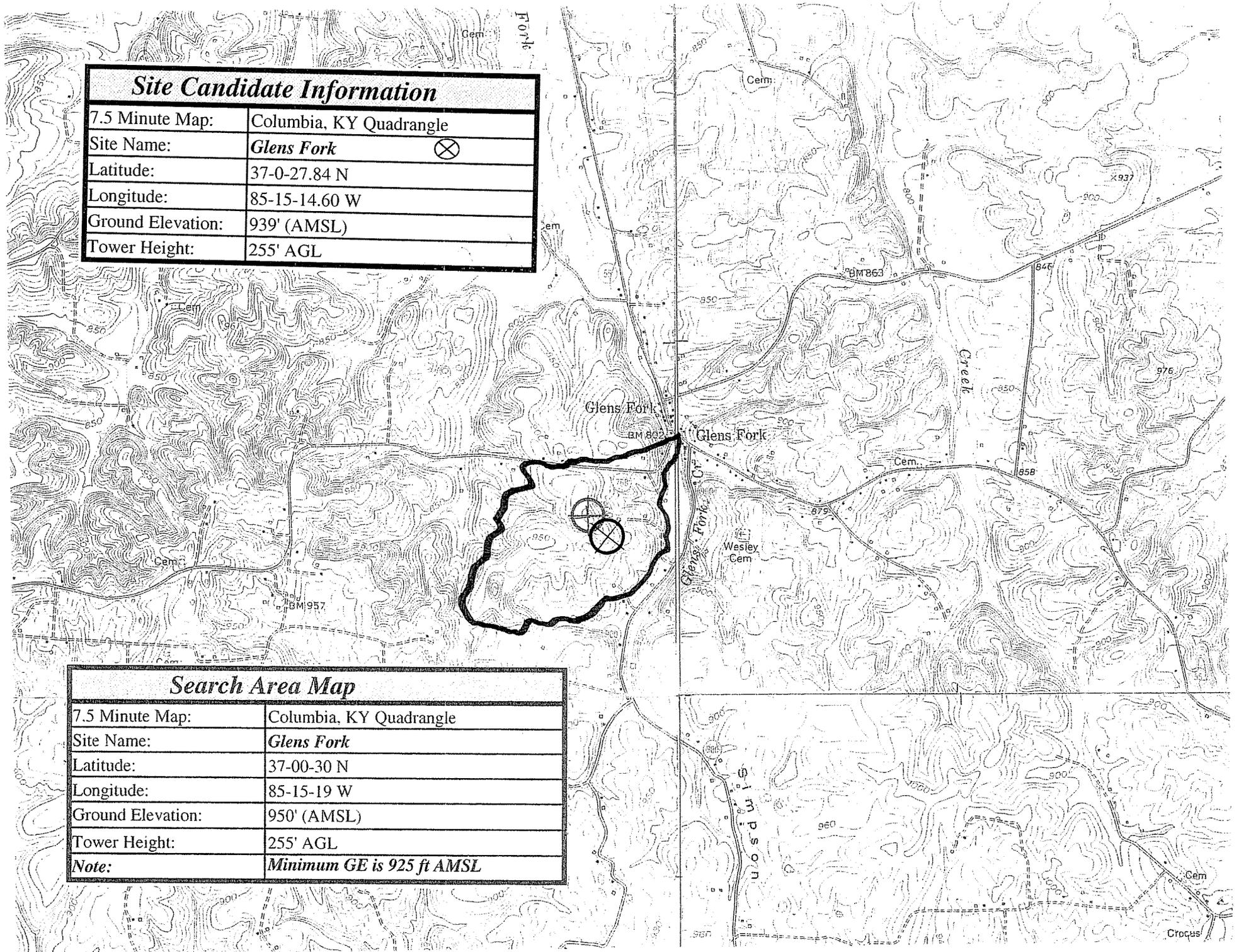
Enclosed in \$ _____ for _____ yr subscription to Adair Progress New Subscription _____ Renewal _____	Name _____ Address _____ Apt. No. _____ City _____ State _____ Zip Code _____ Phone Number _____
---	--

Site Candidate Information

7.5 Minute Map:	Columbia, KY Quadrangle
Site Name:	<i>Glens Fork</i> ⊗
Latitude:	37-0-27.84 N
Longitude:	85-15-14.60 W
Ground Elevation:	939' (AMSL)
Tower Height:	255' AGL

Search Area Map

7.5 Minute Map:	Columbia, KY Quadrangle
Site Name:	<i>Glens Fork</i>
Latitude:	37-00-30 N
Longitude:	85-15-19 W
Ground Elevation:	950' (AMSL)
Tower Height:	255' AGL
Note:	<i>Minimum GE is 925 ft AMSL</i>



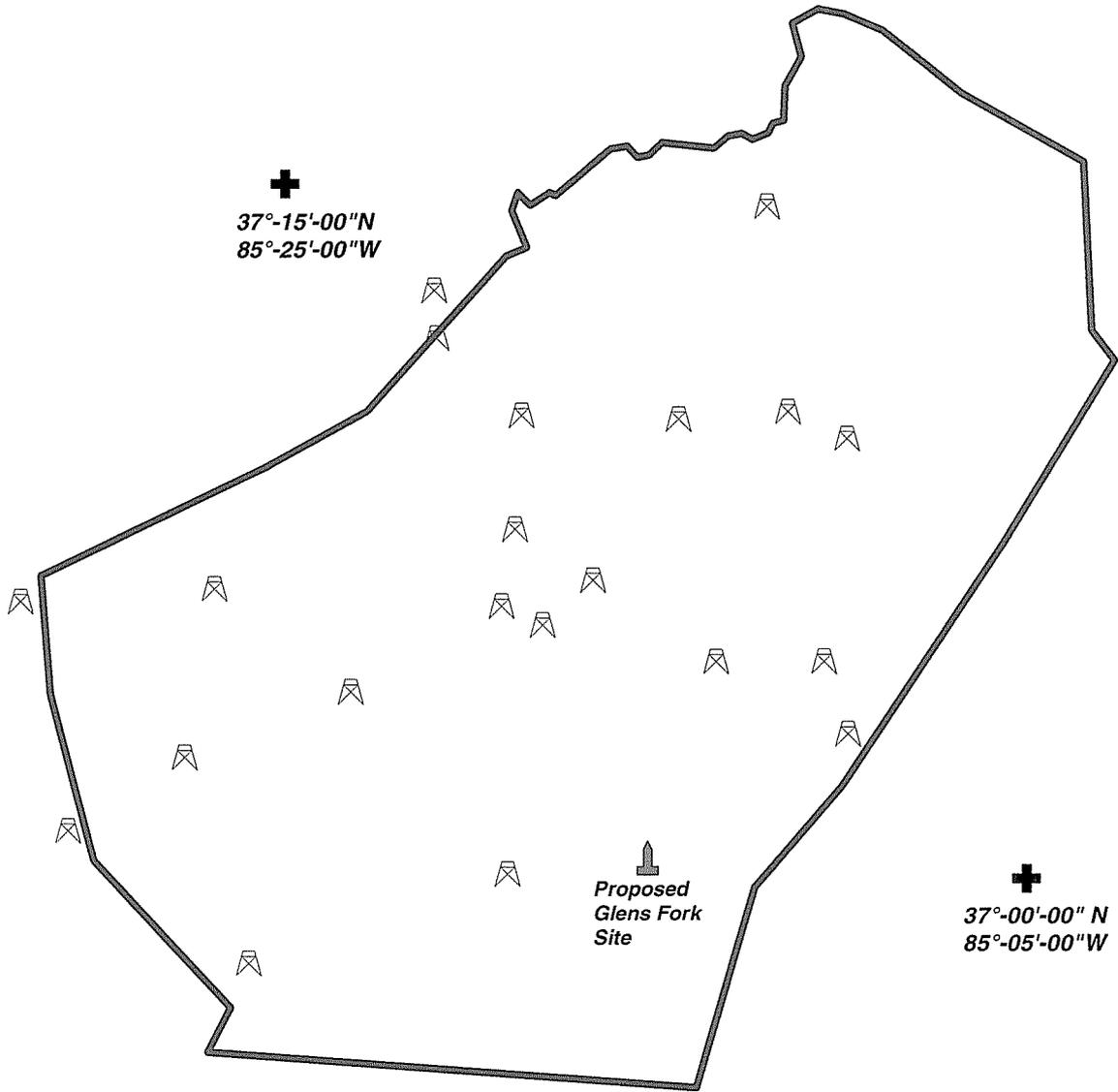
— Adair County Boundary

 Constructed Wireless Tower Locations Registered with the FCC

 Proposed Tower Location

 Tick Marks

Prepared By: LNGS Engineering 12/22/2010



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

FCC Tower Reg. No.	North Latitude	West Longitude	City, State	Tower Owner
1041289	37-00-07 N	85-19-01 W	Fairplay, KY	TEXAS EASTERN COMMUNICATIONS, INC.
1042800	37-09-55 N	85-14-23 W	Columbia, KY	GTE SOUTH INCORPORATED
1043061	37-07-32 N	85-18-48 W	Columbia, KY	CUMBERLAND CELLULAR PARTNERSHIP DBA BLUEGRASS CELLULAR
1043197	37-10-4.2 N	85-11-25.8 W	Columbia, KY	Shoreline Communications, Inc.
1043978	37-05-53 N	85-19-10 W	Columbia, KY	Cumberland Cellular, Inc.
1044249	37-09-29 N	85-09-50 W	Purdy, KY	WESTERN KENTUCKY UNIVERSITY
1044821	37-06-00 N	85-32-10.1 W	Edmonton, KY	KENTUCKY, COMMONWEALTH OF DBA = KY EMERGENCY WARNING SYSTEM KEWS
1044964	37-06-26.2 N	85-16-41.9 W	Columbia, KY	TRI COUNTY BROADCASTING CORPORATION DBA = WAIN RADIO
1048811	37-04-40.6 N	85-10-27.6 W	Russell Springs, KY	SHORELINE COMMUNICATIONS INC.
1062332	37-10-00 N	85-18-37 W	Adair, KY	AMERICAN CHESTNUT TELEVISION, INC.
1228813	37-05-28.2 N	85-18-3.9 W	Columbia, KY	SBA Properties, Inc.
1242039	37-02-38.7 N	85-27-43.8 W	Edmonton, KY	Cumberland Cellular Partnership d/b/a Bluegrass Cellular
1243210	37-12-42.6 N	85-20-58.8 W	Columbia, KY	SBA Infrastructures, LLC
1252869	37-01-4.2 N	85-30-53.2 W	Edmonton, KY	Shared Sites Acquisition LLC
1254374	37-4-2.8 N	85-23-14.3 W	Columbia, KY	Shared Sites Acquisition LLC
1257173	37-4-40.7 N	85-13-22.6 W	Columbia, KY	Shared Sites Acquisition LLC
1257489	37-3-7.6 N	85-9-49.2 W	Russell Springs, KY	Shared Sites Acquisition LLC
1261657	36-58-11.8 N	85-26-0.6 W	Breeding, KY	Cumberland Cellular Partnership
1268209	37-11-40.7 N	85-20-55.2 W	Columbia, KY	Cumberland Cellular Partnership
1272696	37-6-16 N	85-26-55.1 N	Columbia, KY	Cumberland Cellular Partnership
1274206	37-14-29.3 N	85-11-59.5 W	Knifley, KY	Cumberland Cellular Partnership