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 (HESTAND) IN RURAL SERVICE AREA #5 (MONROE) OF THE COMMONWEALTH OF KENTUCKY

CASE NO. 2011-00012

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

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

1. 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]

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[1] In 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(l) 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 §1(1)(g), experienced personnel will manage and operate the Hestand 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 Hestand 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 §1(1)(g), World Tower Company 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 or her 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 or her 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 Office of the Monroe 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 Monroe 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 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 Hestand, 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
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 Hestand 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
john.selent@dinslaw.com
holly.wallace@dinslaw.com

Kentucky

TC 56-50e
Rev. 07/2010

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

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

INSTRUCTIONS INCLUDED

Kentucky Aeronautical Study Number

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

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

3. Application for: ☒ New Construction ☐ Alteration ☐ Existing

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

5. Work Schedule: Start 01/25/11 End 01/30/11

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

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

8. FAA Aeronautical Study Number 2010-ASO-7025-OE

9. Latitude: 36 ° 39 ' 32 07 "

10. Longitude: 85 ° 36 ' 54 29 "

11. Datum: ☒ NAD83 ☐ NAD27 ☐ Other _____

12. Nearest Kentucky City: Hestand County Monroe

13. Nearest Kentucky Public Use or Military Airport:
Tompkinsville-Monroe County Airport

14. Distance from #13 to Structure: 5.3 Miles

15. Direction from #13 to Structure: SE

16. Site Elevation (AMSL): 1,032.00 Feet

17. Total Structure Height (AGL): 255.00 Feet

18. Overall Height (#16 + #17) (AMSL): 1,287.00 Feet

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

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:
150 H. Spears Road
Hestand, KY 42151

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 — Printed Name & Title
Leila Rezanavaz — Signature
12/21/10 — 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

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

Aeronautical Study No.
2010-ASO-7025-OE

Issued Date: 02/02/2011

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 Hestand
Location:	Hestand, KY
Latitude:	36-39-32.07N NAD 83
Longitude:	85-36-54.29W
Heights:	255 feet above ground level (AGL)
	1287 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)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part II)

This determination expires on 08/02/2012 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) 294-8084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2010-ASO-7025-OE.

Signature Control No: 134646116-136560591 (DNE)
Carole Bernacchi
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2010-ASO-7025-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-000163029-10

Sponsor: Bluegrass Cellular, Inc.

Details for Case : Hestand

Show Project Summary

Case Status

ASN: 2010-ASO-7025-OE
Status: Accepted

Date Accepted: 12/20/2010
Date Determined:
Letters: None
Documents: 12/20/2010 2C-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: Hestand
NOTAM Number:
FCC Number:
Prior ASN:

Structure Details

Latitude: 36° 39' 32.07" N
Longitude: 85° 36' 54.29" W
Horizontal Datum: NAD83
Site Elevation (SE): 1032 (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.***
Requested *Marking/Lighting*: Dual-red and medium intensity
Other :
Recommended Marking/Lighting:
Current Marking/Lighting: *N/A New Structure*
Other :
Nearest City: Hestand
Nearest State: *Kentucky*
Description of Location: 150 H. Spears Road Hestand, KY 42151
On the Project Summary page upload any certified survey.
Description of Proposal: Proposed self-supporting tower with top-mounted antennas for overall height of 255'.

Common Frequency Bands

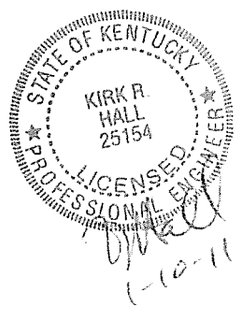
Low Freq	High Freq	Freq Unit	ERP	ERP Unit
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640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

Specific Frequencies

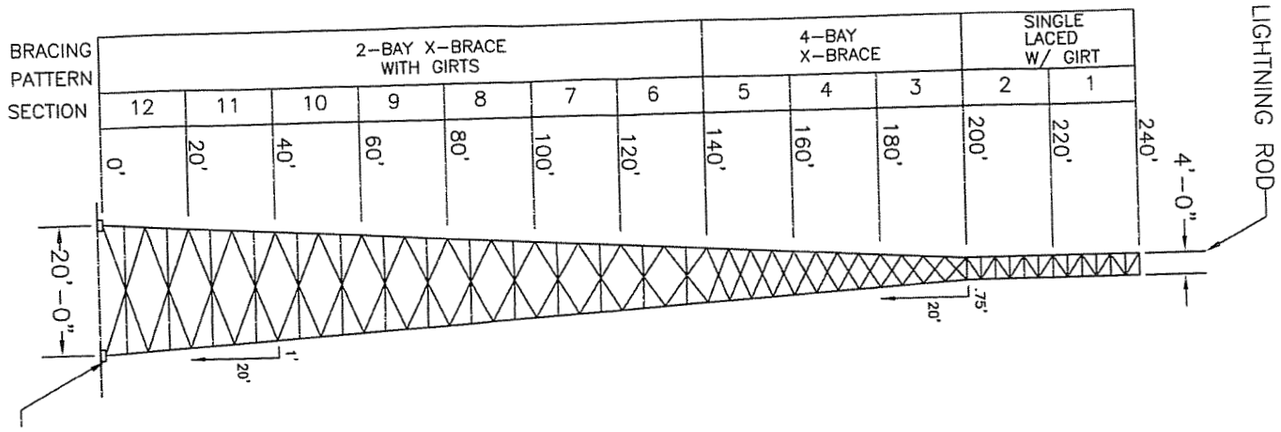
World Tower
COMPANY, INC.

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

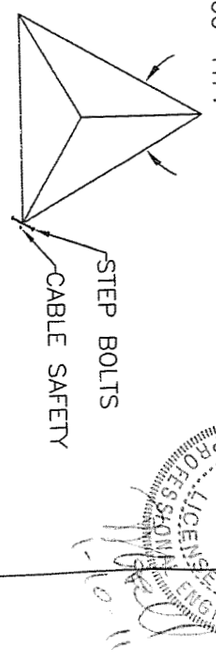
240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR
SITE: HESTAND
MONROE COUNTY, KY
DESIGN PACKAGE



TOWER ELEVATION



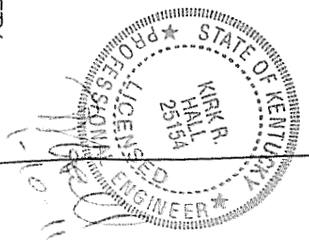
TOWER PLAN



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 Q11005WG.
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'.

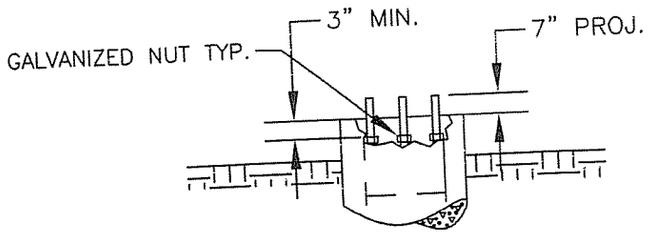
BASE REACTIONS		
OTM:	6356.0	FT. KIPS
COMP.	392.0	KIPS
UPLIFT	329.0	KIPS
SHEAR (3 LEGS)	49.0	KIPS
WT NO ICE	76.0	KIPS



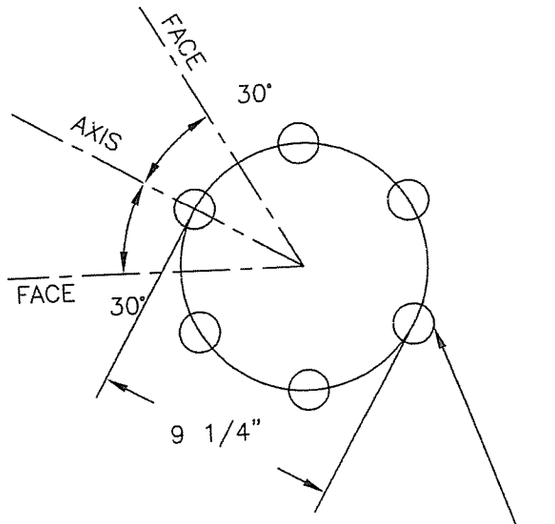
WORLD TOWER

TITLE:
240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR
SITE: HESTAND
MONROE COUNTY, KY

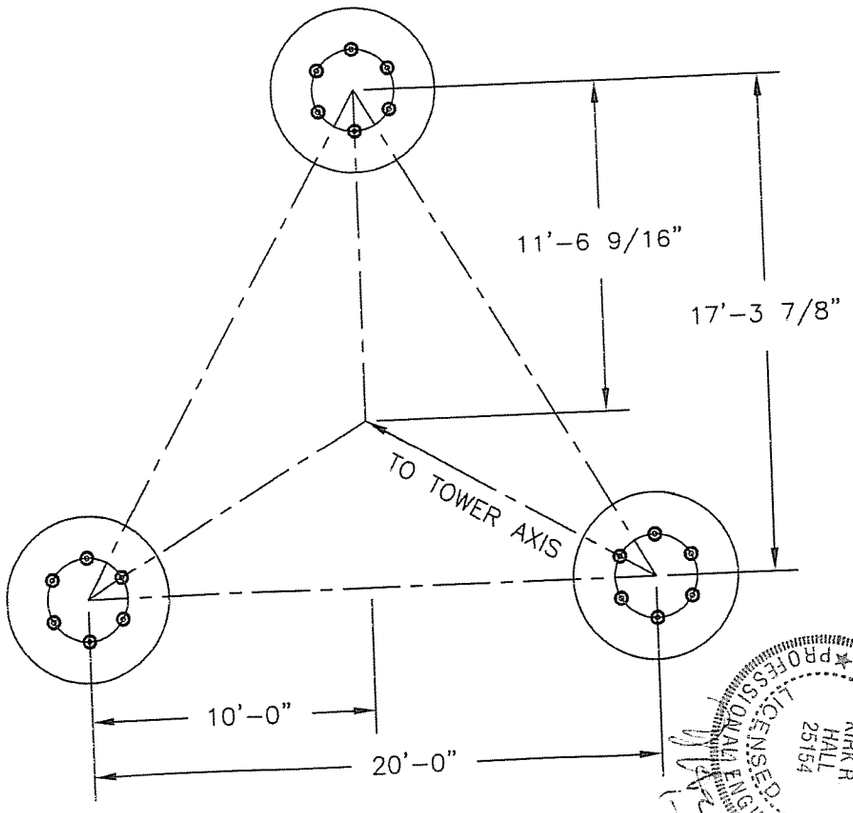
SCALE NONE	DWN. LKB	CKD.	DATE 1-10-11
FILE		DWG. NO.	Q11005

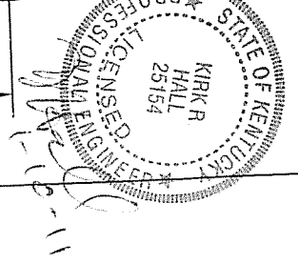


PIER ELEVATION



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

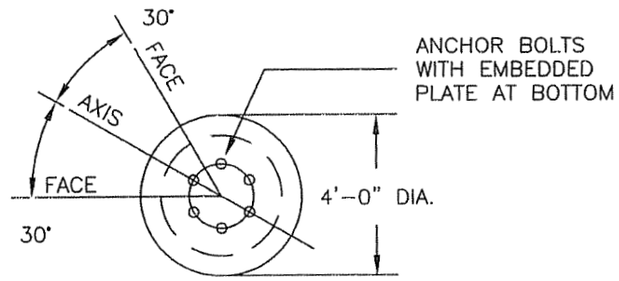




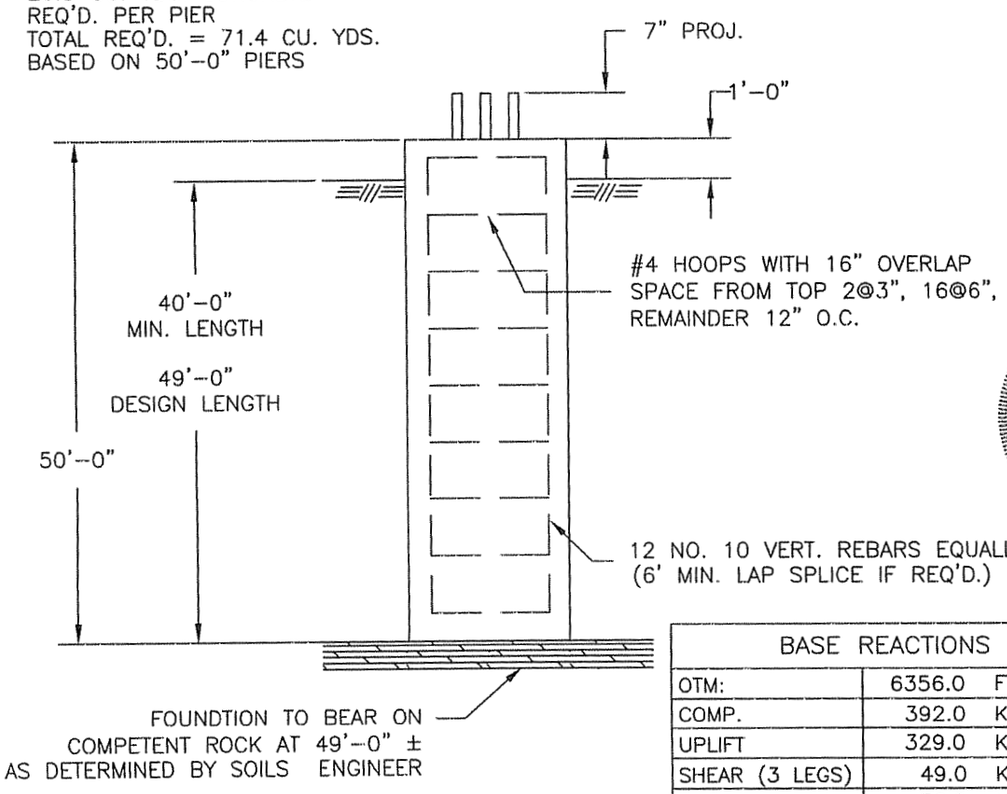
WORLD TOWER

TITLE: ANCHOR BOLT LAYOUT
240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR
SITE: HESTAND
MONROE COUNTY, KY

SCALE NONE	DWN. LKB	CKD.	DATE 1-10-11
FILE		DWG. NO.	Q11005AB



23.8 CU. YDS. CONCRETE
REQ'D. PER PIER
TOTAL REQ'D. = 71.4 CU. YDS.
BASED ON 50'-0" 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

STATE OF KENTUCKY
KIRK R. HALL
25154
LICENSED
PROFESSIONAL ENGINEER
1-10-11

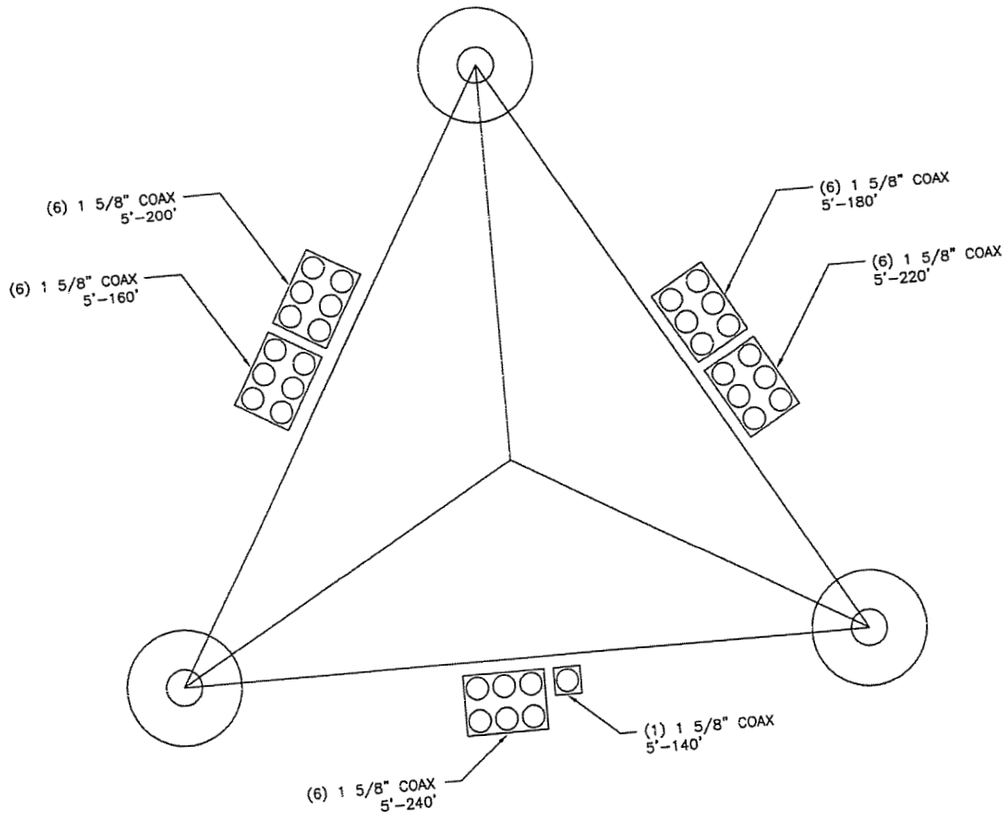
GENERAL NOTES

1. CONCRETE TO HAVE 4000 PSI MIN. COMPRESSIVE STRENGTH AFTER 28 DAYS.
2. ALL REINFORCMENT 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 57105039 DATED NOVEMBER 30, 2010.

TITLE: FOUNDATION DETAIL
240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR

WORLD TOWER

SCALE	DWN.	CKD.	DATE
NONE	LKB		1-10-11

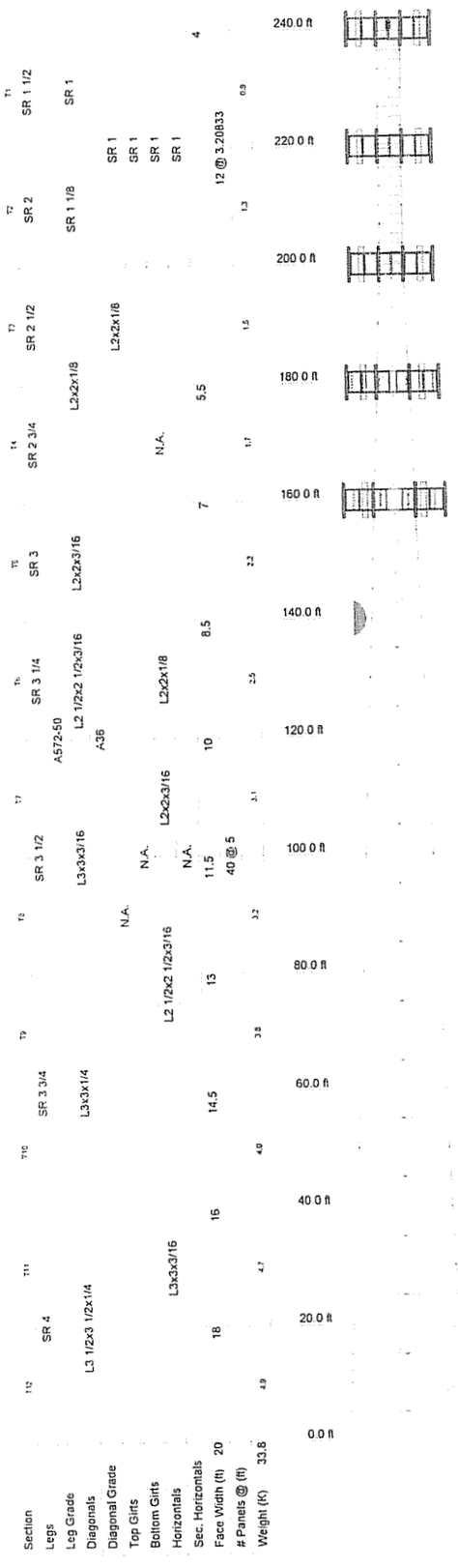


PLAN VIEW

WORLD TOWER

TITLE: WAVEGUIDE LOCATION
240' MODEL WSST TOWER
FOR: BLUEGRASS CELLULAR
SITE: HESTAND
MONROE COUNTY, KY

SCALE NONE	DWN. LKB	CKD.	DATE 1-10-11
FILE		DWG. NO.	Q11005WG



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	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
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	(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	6' Grid 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 *MOMENT*
6 K *833 kip-ft*

TORQUE 1 kip-ft
30.00 mph WIND - 0.75 in ICE
AXIAL
76 K

SHEAR *MOMENT*
49 K *6356 kip-ft*

TORQUE 3 kip-ft
REACTIONS - 90.00 mph WIND

STATE OF KENTUCKY
KIRK R. HALL
25154
LICENSED PROFESSIONAL ENGINEER

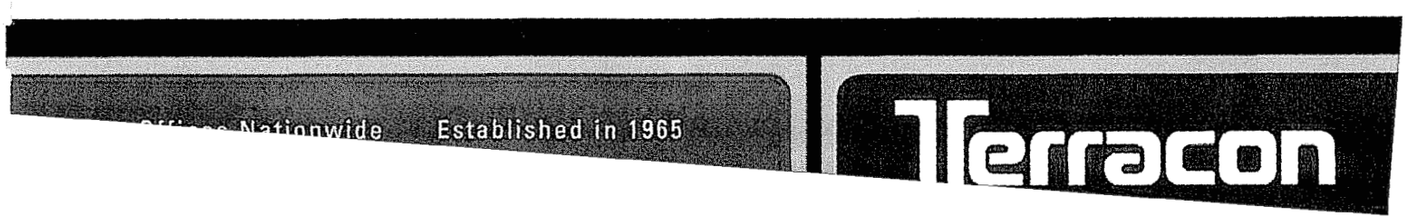
1-10-11

Geotechnical Engineering Report

Proposed 240' Self-Supporting Tower
Site Name: Hestand
Hestand, Monroe County, Kentucky
November 30, 2010
Project No. 57105039

Prepared for:
Kentucky RSA #4 Cellular General Partnership
A Kentucky General Partnership
d/b/a Bluegrass Cellular
Elizabethtown, Kentucky

Prepared by:
Terracon Consultants, Inc.
Louisville, Kentucky



November 30, 2010

Kentucky RSA #4 Cellular General 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: Hestand
Hestand, Monroe County, Kentucky
Terracon Project No.: 57105039

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

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

STATE OF KENTUCKY
11.30.10
NATHAN H. BRYAN
27232
LICENSED PROFESSIONAL ENGINEER

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

TABLE OF CONTENTS

		Page
1.0	**PROJECT INFORMATION**	1
1.1	Project Description	1
1.2	Site Location and Description	1
2.0	**SUBSURFACE CONDITIONS**	2
2.1	Regional Geology and Karst Terrain	2
2.2	Typical Profile	2
2.3	Groundwater	3
3.0	**RECOMMENDATIONS FOR DESIGN AND CONSTRUCTION**	3
3.1	Geotechnical Considerations	3
3.2	Foundation Recommendations	3
3.2.1	Drilled Pier Foundation System	3
3.2.2	Equipment Building/Cabinet Foundations	5
3.3	Earthwork	5
3.3.1	Compaction Requirements	6
3.3.2	Construction Considerations	6
4.0	**GENERAL COMMENTS**	7

APPENDIX

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

GEOTECHNICAL ENGINEERING REPORT
PROPOSED 240' SELF-SUPPORTING TOWER
SITE NAME: HESTAND
HESTAND, MONROE COUNTY, KENTUCKY

Terracon Project No. 57105039
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 kips (assumed)
Maximum allowable settlement	1-inch (assumed)
Equipment Building: **Maximum loads**	Column: 15 kips (assumed) Wall: 1 kip/ft (assumed)
Equipment Building: **Maximum allowable settlement**	Total Settlement: 1-inch (assumed) Differential Settlement: ¾ 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 150 H. Spears Road, Hestand, Monroe County, Kentucky 42151 near Latitude: 36.65892, Longitude: -85.61511.
Existing improvements	Undeveloped grass pasture
Current ground cover	Grass and weeds
Existing topography	Relatively level

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 Regional Geology and Karst Terrain

FORMATION[1]	DESCRIPTION
St. Louis Limestone	This formation consists of limestone and siltstone. Limestone is medium to dark gray, very fine to medium grained, thin to medium bedded. Contains thin irregular beds, nodules and chert that weathers chalky white. Siltstone is calcareous, light to medium gray and thin bedded.

1. Based on the Geologic Map of *Vernon* quadrangle and part of the *Celina* Quadrangle, Monroe and Cumberland Counties, Kentucky, published by the Kentucky Geological Survey (1972).

It should be noted that the site is underlain by a formation that is highly susceptible to dissolution along joints and bedding planes in the rock mass. This results in voids and solution channels within the rock strata and a highly irregular bedrock surface. The weathering of the bedrock and subsequent collapse or erosion of the overburden into these openings results in what is referred to as a karst topography. Any construction in karst topography is accompanied by some degree of risk for future internal soil erosion and ground subsidence that could affect the stability of the proposed structures. Our review of the available topographic and geologic mapping did disclose several sinkholes within a 1 mile radius of the planned tower. Additionally, the completed boring disclosed a zone of softened soil at depth, which we consider to be an indication of potential karst activity. The risks associated with karst geology are common for the project vicinity and are not unique to this site.

2.2 Typical Profile

The boring was drilled at the approximate center of the planned tower. Based on the boring results, 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	10 inches	Topsoil	N/A
Stratum 1	49	Fat Clay	Very stiff to stiff, medium stiff below about 38 ½ feet due to karst impact
Stratum 2	49½	Chert and Weathered Rock	Hard
Stratum 3		Apparent Bedrock [2]	Not sampled

1. Driller noted karst impacted zone (softer soils, increased moisture) from a depth of about 38½ to 45 feet below existing ground surface at the boring location.
2. Review of available geologic literature indicates that the planned tower site is underlain with limestone bedrock.

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 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

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

3.0 RECOMMENDATIONS FOR DESIGN AND CONSTRUCTION

3.1 Geotechnical Considerations

Based on the subsurface conditions encountered, we recommend the proposed tower be founded on drilled piers bearing on the bedrock surface. Due to the identified karst conditions and the potential for erratic bedrock depths in this geologic setting, drilled pier lengths may require field adjustments, therefore we recommend having a Terracon representative at the site during pier installations. The near surface soils are also suitable for tower support on a mat foundation, however the owner would have to accept the risk for potential ground movement associated with sinkhole formation. The extent of this risk is not fully understood by our one boring, therefore additional study is recommended if a mat foundation is selected for this site. Design recommendations for drilled piers as well as a shallow footing option for the equipment building are presented in the following paragraphs.

3.2 Foundation Recommendations

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 [2] (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 – 35	425	Ignore	1500	1500	--	0.007	125
Fat Clay 35 - 49	225	Ignore	500	500	--	0.020	40
Apparent Limestone Bedrock 49	Ignore, assumes no rock socket	20,000 [3]	Ignore	20,000	--	0.00001	3000

1. Pier observation is recommended to adjust pier length if variable soil and/or rock conditions are encountered. A total unit weight of 115 pcf can be assumed for the clay.
2. Skin friction values for uplift only.
3. We recommend the drilled piers extend to bedrock due to the nominal end bearing condition encountered at depth within the boring caused by apparent karst activity.

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 types. These values should, therefore, be considered approximate. The allowable end bearing pressure provided in the table has an approximate factor of safety of at least 3. If the drilled piers are designed to bear on limestone bedrock, settlements are not anticipated to exceed ½ inch.

Lateral resistance in the upper 3 feet should be ignored due to the potential effects of frost action and construction disturbance. End bearing resistance in the soil overburden should be neglected due to apparent karst activity. To avoid a reduction in uplift and lateral resistance caused by variable bedrock depths, it is recommended that a minimum pier length to achieve uplift capacity be stated on the design drawings. Apparent bedrock was encountered in our boring below a depth of about 49 feet, but could vary between tower legs, or if the tower is moved from the location of our boring, or if significant grade changes occur at the site. Considering the site geology, variable rock depths should be anticipated if the tower location is moved from the location of our boring. If the tower center is moved more than 25 feet, our office should be notified to review our recommendations and determine whether additional borings are 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 will likely be required during the pier excavation in order to control possible groundwater seepage and support the sides of the excavation in weak soil zones, especially near the bedrock surface. 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 Equipment Building/Cabinet Foundations

DESCRIPTION	VALUE
Foundation subgrade [1]	Approved native soil or engineered fill
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.
3. For perimeter footing and footings beneath unheated areas.
4. The foundation settlement will depend upon the variations within the subsurface 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	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. Low plasticity cohesive soil or granular soil having at least 18% low plasticity fines.

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.
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 recompacted.

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 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

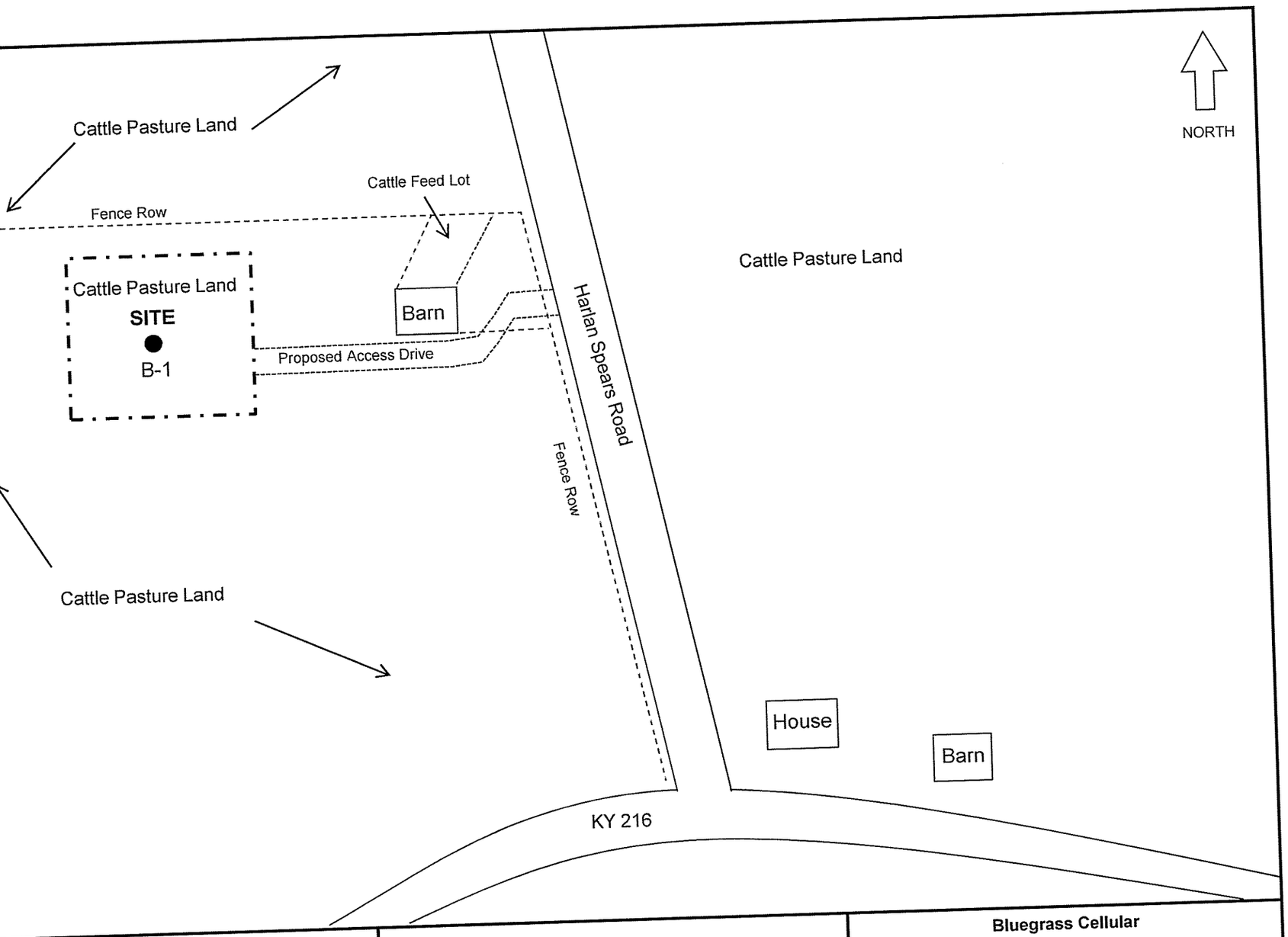


Figure 1

BORING LOCATION PLAN

SCALE: NTS

Terracon

Bluegrass Cellular

Hestand Site

Hestand, KY

PROJECT NO. 57107325

LOG OF BORING NO. B-1

CLIENT **Cumberland Cell Partnership**

SITE **150 H. Spears Rd**
Hestand, Kentucky

PROJECT **240' Self-Supporting Tower**
Hestand Site

Approx. Surface Elev.: 1025 ft

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SPT - N ** BLOWS / ft.	TESTS WATER CONTENT, %	TESTS DRY UNIT WT pcf	TESTS UNCONFINED STRENGTH, psf	ATTERBERG LIMITS
	0.8 **10" TOPSOIL** 1024										
	FAT CLAY with sand and trace chert fragments, reddish brown, very stiff to stiff, moist		CH	1	SS	18	21	23		6000*	
			CH	2	SS	18	23	21		7000*	LL=62 PL=28 PI=34
		5	CH	3	SS	18	12	35		3000*	
			CH	4	SS	18	17	47		3000*	
		10									
			CH	5	SS	12	13	43		3500*	
		15									
			CH	6	SS	6	16	23			
		20									
			CH	7	SS	6	24	29			
		25									
			CH	8	SS	18	15	25		3000*	
		30									
	stiff to medium stiff below about 38-1/2 feet with chert fragments.		CH	9	SS	18	12	33		2500*	
		35									
			CH	10	SS	18	9	29			
		40									
			CH	11	SS	18	5	38			
		45									
	49 976		CH	12	SS	0	20-50/2"				
	49.5 **APPARENT BEDROCK** No recovery 975.5										
	Auger refusal at 49.5 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

WATER LEVEL OBSERVATIONS, ft

WL ▽ N/E WD ▼ N/E AB

BORING STARTED	11-16-10
BORING COMPLETED	11-16-10

Field Exploration Description

The boring was drilled at the center of the planned tower 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 used to advance the borehole. Representative soil samples were obtained by the split-barrel sampling procedure. 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.

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 includes 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.

Laboratory Testing

The laboratory testing program consisted of performing water content tests and one Atterberg Limits test on representative soil samples. A hand penetrometer was used to estimate the approximate unconfined compressive strength of the samples. The 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.

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

Unconfined Compressive Strength, Qu, psf	Standard Penetration or N-value (SS) Blows/Ft.	Consistency
< 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

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

RELATIVE PROPORTIONS OF SAND AND GRAVEL

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

GRAIN SIZE TERMINOLOGY

Major Component of Sample	Particle Size
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

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

PLASTICITY DESCRIPTION

Term	Plasticity Index
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			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			Organic silt [K,L,M,Q]
Highly organic soils:	Primarily organic matter, dark in color, and organic odor				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] $Cu = D_{60}/D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ≥ 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 ≥ 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 ≥ 30% plus No. 200 predominantly sand, add "sandy" to group name.

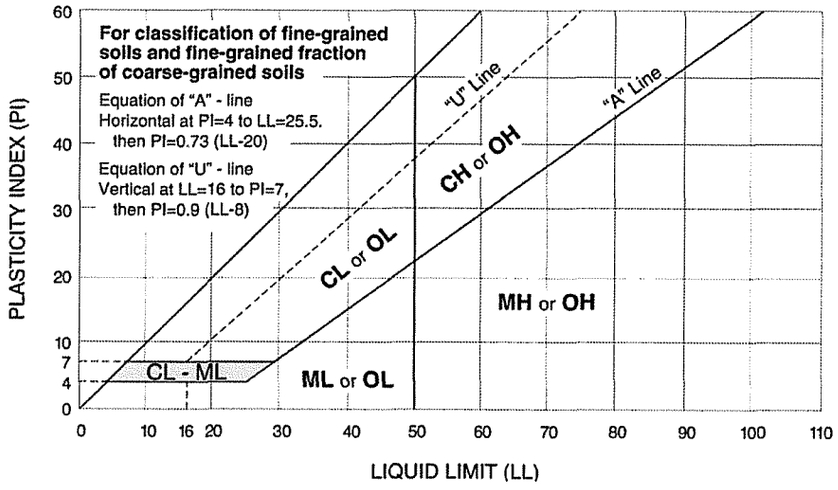
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to group name.

[N] PI ≥ 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.



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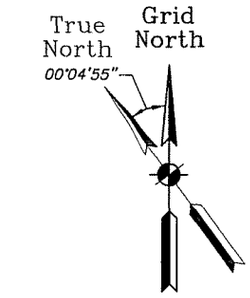
C



Basis of Bearings

The bearing system of this survey is based upon G.P.S. observations made on November 18, 2010 using the National Geodetic Survey monument "Y 245" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). This system is grid north.

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Longitude: 85°36'54.29" West
Vertical Datum: NAVD 88
Ground Elevation: 1,031.9 feet (314.52 m)
State Plane Coordinates
Northing: 1,758,982.42 feet (536,138.914 m)
Easting: 1,679,993.27 feet (512,062.973 m)

Landowner Information

Landowner: Neal Richardson
Address: 1400 Vernon Road
Hestand, Kentucky 42151
Contact Person: Neal Richardson
Phone: 270-487-5120 Cell: 270-407-9461
PVA Map No. 73-11

Project Bench Mark

Northing: 1,759,037 feet (536,156 m)
Easting: 1,679,981 feet (512,059 m)
Elevation: 1,033.71 feet (315.075 m)
Description: A MAG nail set in the south side of an 18" Red Cedar, 12" above grade. The benchmark is approximately 56 feet north of the center of the tower.

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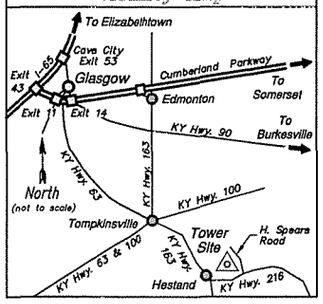

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Boundary and Easement Description

land that is located 400 feet southwesterly of Harlan Spears 100 feet northwesterly of the intersection of said road with Highway 216 (Vernon Road) in the Hestand Community of Monroe tucky; being described as follows:

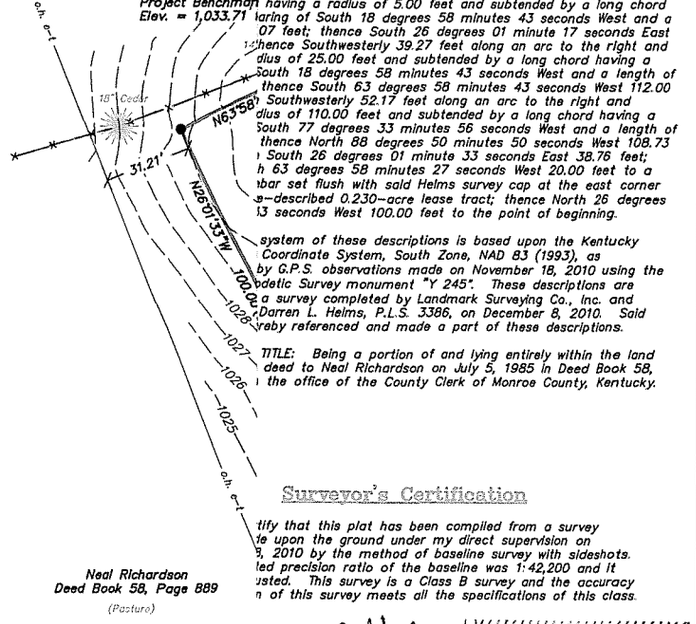
G AT a 5/8-inch rebar set flush with a survey cap inscribed PLS 3386" at the northeast corner of the tract described in d Richardson on July 5, 1985 in Deed Book 58, page 889 in f the County Clerk of Monroe County, Kentucky; thence South 58 minutes 27 seconds West, along the northwestern boundary ardson tract, 335.08 feet; thence South 26 degrees 01 minute East 5.00 feet to a 5/8-inch rebar set flush with a survey d "D.L. Helms PLS 3386" (referred to as a rebar in the f this description) at the POINT OF BEGINNING of this thence South 26 degrees 01 minute 33 seconds East 100.00 bar set flush; thence South 63 degrees 58 minutes 27 st 100.00 feet to a rebar set flush; thence North 26 degrees 33 seconds West 100.00 feet to a rebar set flush; thence egrees 58 minutes 27 seconds East 100.00 feet to the point and containing 0.230 acres (10,000 square feet), more or

ITH an access and utility easement from the above-described lease tract to Harlan Spears Road; said easement being follows: BEGINNING AT a 5/8-inch rebar set flush with a inscribed "D.L. Helms PLS 3386" at the north corner of the ribed 0.230-acre lease tract; thence North 63 degrees 58 seconds East 20.00 feet; thence South 26 degrees 01 minute East 38.76 feet; thence South 88 degrees 50 minutes 50 st 119.00 feet; thence Northeasterly 42.69 feet along an arc to l having a radius of 90.00 feet and subtended by a long chord aring of North 77 degrees 33 minutes 56 seconds East and a 2.29 feet; thence North 63 degrees 58 minutes 43 seconds feet; thence Northeasterly 7.85 feet along an arc to the left a radius of 5.00 feet and subtended by a long chord having a North 18 degrees 58 minutes 43 seconds East and a length of thence North 26 degrees 01 minute 17 seconds West 7.03 feet; heasterly 39.27 feet along an arc to the right and having a 5.00 feet and subtended by a long chord having a bearing of grees 58 minutes 43 seconds East and a length of 35.36 feet; h 63 degrees 58 minutes 43 seconds East 30.58 feet to the n right of way of Harlan Spears Road (15 feet from the thence, along said right of way, South 32 degrees 50 minutes East 20.14 feet; thence South 63 degrees 58 minutes 43 st 32.97 feet; thence Southwesterly 7.85 feet along an arc to having a radius of 5.00 feet and subtended by a long chord aring of South 18 degrees 58 minutes 43 seconds West and a 07 feet; thence South 26 degrees 01 minute 17 seconds East thence Southwesterly 39.27 feet along an arc to the right and dius of 25.00 feet and subtended by a long chord having a South 18 degrees 58 minutes 43 seconds West and a length of thence South 63 degrees 58 minutes 43 seconds West 112.00 Southwesterly 52.17 feet along an arc to the right and dius of 110.00 feet and subtended by a long chord having a South 77 degrees 33 minutes 56 seconds West and a length of thence North 88 degrees 50 minutes 50 seconds West 108.73 South 26 degrees 01 minute 33 seconds East 38.76 feet; h 63 degrees 58 minutes 27 seconds West 20.00 feet to a bar set flush with said Helms survey cap at the east corner e-described 0.230-acre lease tract; thence North 26 degrees 33 seconds West 100.00 feet to the point of beginning.

system of these descriptions is based upon the Kentucky Coordinate System, South Zone, NAD 83 (1993), as by G.P.S. observations made on November 18, 2010 using the odetic Survey monument "Y 245". These descriptions are a survey completed by Landmark Surveying Co., Inc. and Darren L. Helms, P.L.S. 3386, on December 8, 2010. Said reby referenced and made a part of these descriptions.

TITLE: Being a portion of and lying entirely within the land deed to Neal Richardson on July 5, 1985 in Deed Book 58, the office of the County Clerk of Monroe County, Kentucky.

P.O.B. of Le
Tract and Eas



Neal Richardson
Deed Book 58, Page 889
(Pasture)

Surveyor's Certification

tify that this plat has been compiled from a survey le upon the ground under my direct supervision on 8, 2010 by the method of baseline survey with sideshots. ed precision ratio of the baseline was 1:42,200 and it usted. This survey is a Class B survey and the accuracy n of this survey meets all the specifications of this class.

ren L. Helms
lms, P.L.S. 3386
.8, 2010

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

1. This survey is subj
may be disclosed by
Commitment Policy.
provided by the client

2. No search of publ

GRAPHIC SCALE

Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0950
Email: landmark97@sbcglobal.net
Project No. 10-11-0183
© 2010

Lease Boundary Survey
150 H. Spears Road
Hestand, Kentucky 42151

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE 12-08-10 | DRAWN BY A. Winkler | CHECKED BY D.L.Helms

SHEET NO.

Site: Hestand
Lease Boundary and Topographic Survey
Monroe County, Kentucky

True North / Grid North
00°04'55"

Basis of Bearings
The bearing system of this survey is based upon G.P.S. observations made on November 18, 2010 using the National Geodetic Survey monument "Y 245" and the Kentucky State Plane Coordinate System, South Zone, NAD 1983 (1993). This system is grid north.

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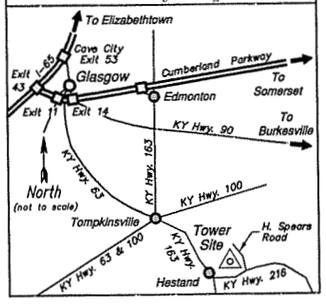

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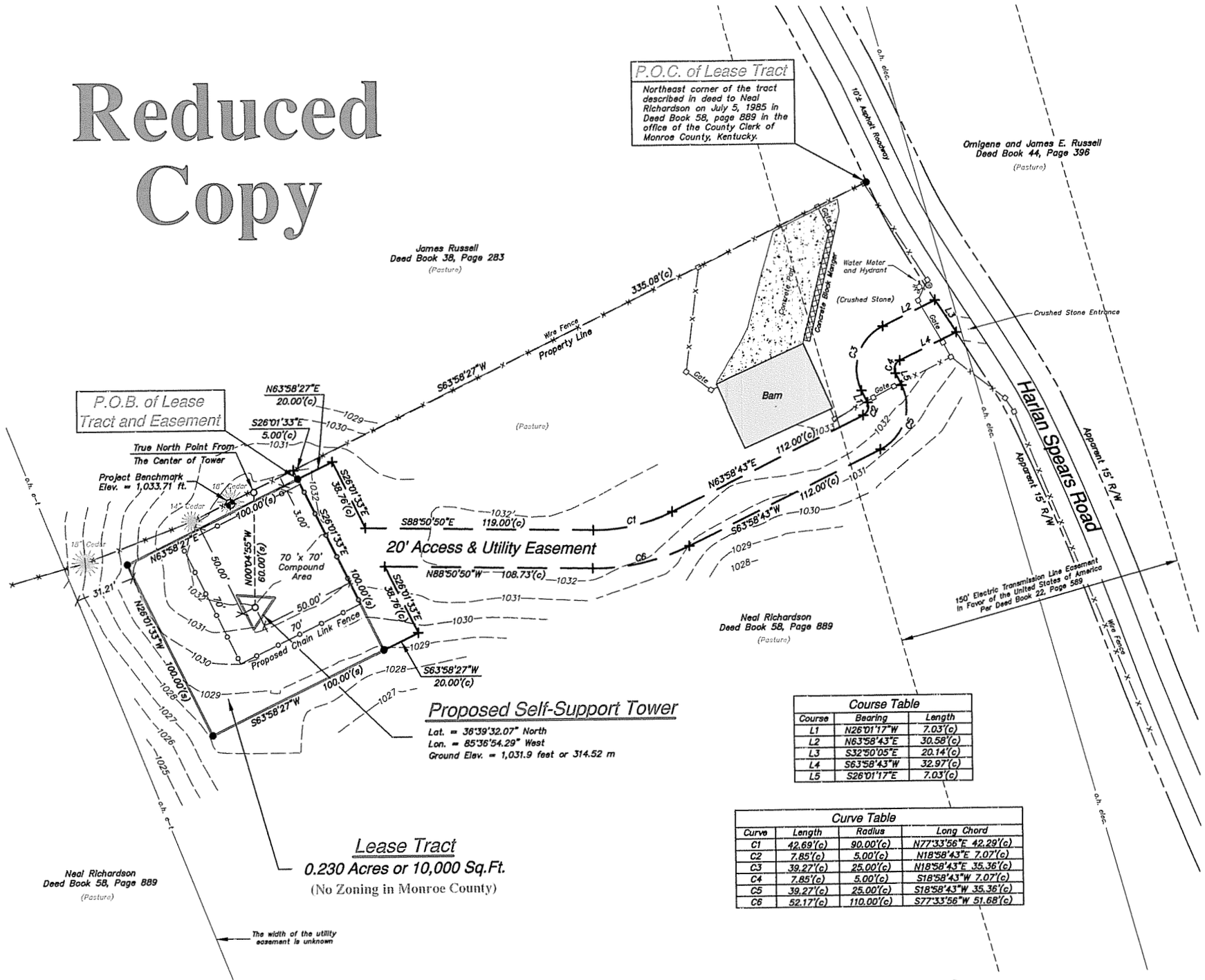


Course Table

Course	Bearing	Length
L1	N26°01'17"W	7.03'(c)
L2	N63°58'43"E	30.58'(c)
L3	S32°50'05"E	20.14'(c)
L4	S63°58'43"W	32.97'(c)
L5	S26°01'17"E	7.03'(c)

Curve Table

Curve	Length	Radius	Long Chord
C1	42.69'(c)	90.00'(c)	N77°33'56"E 42.29'(c)
C2	7.85'(c)	5.00'(c)	N18°58'43"E 7.07'(c)
C3	39.27'(c)	25.00'(c)	N18°58'43"E 35.36'(c)
C4	7.85'(c)	5.00'(c)	S18°58'43"W 7.07'(c)
C5	39.27'(c)	25.00'(c)	S18°58'43"W 35.36'(c)
C6	52.17'(c)	110.00'(c)	S77°33'56"W 51.68'(c)

Surveyor's Notes
1. 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.
2. No search of public records has been performed by this firm to determine any defects and/or ambiguities in
4. 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.
5. According to Wilbur Graves, County Judge Executive of Monroe County, no local planning unit exists which

Legend
- 5/8" Rebar Set Flush With A Survey Cap Inscribed "D.L. Helms PLS 3386" Next To A Disturbed Sandstone
- 5/8" Rebar Set Flush – No Cap
- Calculated Position – No Monument
- Other Easement Boundaries
- Property Lines
- Right of Way
- Utility Pole
- Utility As Noted

Lease Boundary and Easement Description
A tract of land that is located 400 feet so
Road and 900 feet northwesterly of the int
Kentucky Highway 216 (Vernon Road) in the
County, Kentucky; being described as follow

COMMENCING AT a 5/8-inch rebar set flus
"D.L. Helms PLS 3386" at the northeast co
deed to Neal Richardson on July 5, 1985 ir
the office of the County Clerk of Monroe C
63 degrees 58 minutes 27 seconds West,
of said Richardson tract, 335.08 feet; ther
33 seconds East 5.00 feet to a 5/8-inch
cap inscribed "D.L. Helms PLS 3386" (refer
remainder of this description) at the POIN
description: thence South 26 degrees 01
feet to a rebar set flush; thence South 6
seconds West 100.00 feet to a rebar set
01 minute 33 seconds West 100.00 feet to
North 63 degrees 58 minutes 27 seconds
of beginning and containing 0.230 acres (
less.

TOGETHER WITH an access and utility ease
0.230-acre lease tract to Harlan Spears
described as follows: BEGINNING AT a 5/
survey cap inscribed "D.L. Helms PLS 3386
above-described 0.230-acre lease tract;
minutes 27 seconds East 20.00 feet; ther
33 seconds East 38.76 feet; thence South
seconds East 119.00 feet; thence Northea
the left and having a radius of 90.00 feet
having a bearing of North 77 degrees 33
length of 42.29 feet; thence North 63 de
East 112.00 feet; thence Northeasterly 7.8
and having a radius of 5.00 feet and sub
bearing of North 18 degrees 58 minutes
7.07 feet; thence North 26 degrees 01 m
thence Northeasterly 39.27 feet along an
radius of 25.00 feet and subtended by a
North 18 degrees 58 minutes 43 seconds
thence North 63 degrees 58 minutes 43
southwestern right of way of Harlan Spea
centerline); thence, along said right of wa
05 seconds East 20.14 feet; thence Soutl
seconds West 32.97 feet; thence Southwe
the left and having a radius of 5.00 feet
having a bearing of South 18 degrees 58
length of 7.07 feet; thence South 26 deg
7.03 feet; thence Southwesterly 39.27 fe
having a radius of 25.00 feet and subten
bearing of South 18 degrees 58 minutes
35.36 feet; thence South 63 degrees 58
feet; thence Southwesterly 52.17 feet alo
having a radius of 110.00 feet and subte
bearing of South 77 degrees 33 minutes
51.68 feet; thence North 88 degrees 50
feet; thence South 26 degrees 01 minute
thence South 63 degrees 58 minutes 27
5/8-inch rebar set flush with said Helms
of the above-described 0.230-acre lease
01 minute 33 seconds West 100.00 feet

The bearing system of these descriptions
State Plane Coordinate System, South Zo
determined by G.P.S. observations made
National Geodetic Survey monument "Y 2
based upon a survey completed by Landm
certified by Darren L. Helms, P.L.S. 3386
survey is hereby referenced and made a

SOURCE OF TITLE: Being a portion of a
described in deed to Neal Richardson on
page 889 in the office of the County Cl

Surveyor's Certi
I hereby certify that this plat has been
actually made upon the ground under m
November 18, 2010 by the method of b
The unadjusted precision ratio of the ba
was not adjusted. This survey is a Clas
and precision of this survey meets all th

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

Dec. 8, 2010
Date

GRAPHIC SC

BLUEGRASS CELLULAR

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

SITE NAME: **HESTAND**

911 ADDRESS: **150 H. SPEARS RD.**
HESTAND, KY. 42151

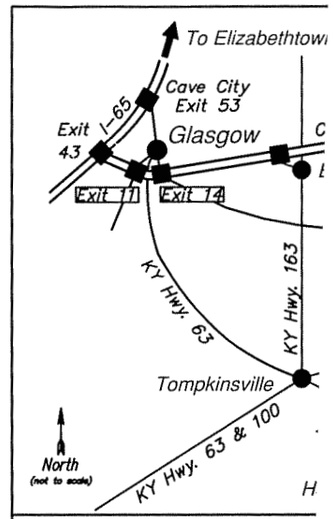
COUNTY: **MONROE**

TOWER LATITUDE & LONGITUDE

N36* 39' 32.07" W85* 36' 54.29"

SHEET INDEX

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



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NOT T

DIRECTIO

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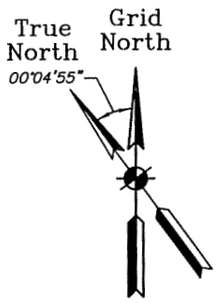
SITE

PROPERTY OWNER:	Neal Richar 1400 Verno (270) 407-
TOWER OWNER:	BLUEGRASS (270) 769-
POWER COMPANY:	TRI-COUNT (615) 666-
TELEPHONE COMPANY:	WINDST (800)
BLUEGRASS PROJECT SUPERVIS	

RB DESIGN

Site: Hestand
Lease Boundary and Topographic Survey
Monroe County, Kentucky



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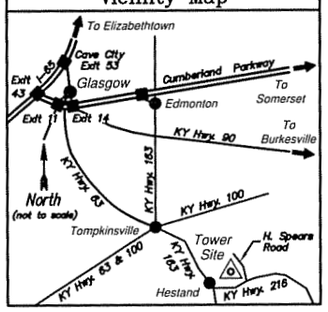
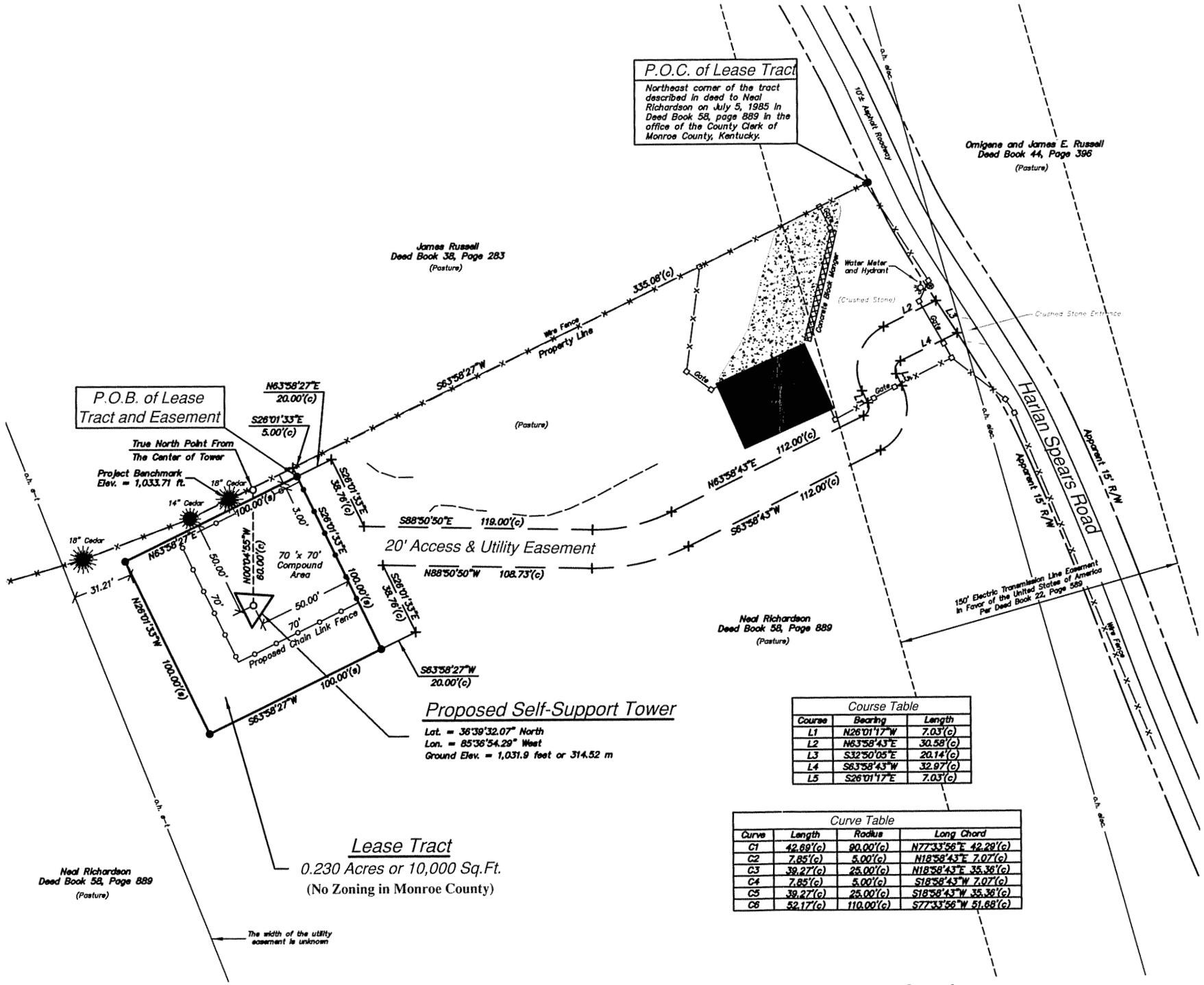
According to the FEMA web site, this is an unmapped area. No flood information is available for this area of Monroe County, Kentucky. However, a visual inspection of the site would indicate that it does not lie within a flood prone area.

Vicinity Map



Directions to Site

From Elizabethtown, Kentucky: travel south on I-65 for about 48 miles to Exit 43 and the Cumberland Parkway; travel east on the Cumberland Parkway for about 14 miles to Exit 14 and Kentucky Highway 90 on the south side of Glasgow; turn right and travel southeasterly on Kentucky Highway 90 for about 15.5 miles to Kentucky Highway 163; turn right onto Kentucky Highway 163 and



Course Table

Course	Bearing	Length
L1	N26°01'17"W	7.03'(c)
L2	N63°58'43"E	30.58'(c)
L3	S32°50'05"E	20.14'(c)
L4	S63°58'43"W	32.97'(c)
L5	S26°01'17"E	7.03'(c)

Curve Table

Curve	Length	Radius	Long Chord
C1	42.69'(c)	90.00'(c)	N77°33'56"E 42.29'(c)
C2	7.85'(c)	5.00'(c)	N18°58'43"E 7.07'(c)
C3	39.27'(c)	25.00'(c)	N18°58'43"E 35.36'(c)
C4	7.85'(c)	5.00'(c)	S18°58'43"W 7.07'(c)
C5	39.27'(c)	25.00'(c)	S18°58'43"W 35.36'(c)
C6	52.17'(c)	110.00'(c)	S77°33'56"W 51.68'(c)

Surveyor's Notes

1. *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.*

4. *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.*

Legend

- *5/8" Rebar Set Flush With A Survey Cap Inscribed "D.L. Helms PLS 3386" Next To A Disturbed Sandstone*
- *5/8" Rebar Set Flush – No Cap*
- *Other Easement Boundaries*
- *Property Lines*
- *Right of Way*
- *Utility Pole*

GRAPHIC SCALE

Lease Boundary and Easement

A tract of land that is located 400 feet southwest Road and 900 feet northwesterly of the intersectio Kentucky Highway 216 (Vernon Road) in the Hestan County, Kentucky; being described as follows:

COMMENCING AT a 5/8-inch rebar set flush with a "D.L. Helms PLS 3386" at the northeast corner of deed to Neal Richardson on July 5, 1985 in Deed B the office of the County Clerk of Monroe County, K 63 degrees 58 minutes 27 seconds West, along th of said Richardson tract, 335.08 feet; thence Sout 33 seconds East 5.00 feet to a 5/8-inch rebar s cap inscribed "D.L. Helms PLS 3386" (referred to a remainder of this description) at the POINT OF BE description: thence South 26 degrees 01 minute feet to a rebar set flush; thence South 63 degree seconds West 100.00 feet to a rebar set flush; th 01 minute 33 seconds West 100.00 feet to a rebar North 63 degrees 58 minutes 27 seconds East 10 of beginning and containing 0.230 acres (10,000 s less.

TOGETHER WITH an access and utility easement fr 0.230-acre lease tract to Harlan Spears Road; s described as follows: BEGINNING AT a 5/8-inch survey cap inscribed "D.L. Helms PLS 3386" at th above-described 0.230-acre lease tract; thence minutes 27 seconds East 20.00 feet; thence Sou 33 seconds East 38.76 feet; thence South 88 de seconds East 119.00 feet; thence Northeasterly 4 the left and having a radius of 90.00 feet and s having a bearing of North 77 degrees 33 minute length of 42.29 feet; thence North 63 degrees 5 East 112.00 feet; thence Northeasterly 7.85 feet and having a radius of 5.00 feet and subtended bearing of North 18 degrees 58 minutes 43 seco 7.07 feet; thence North 26 degrees 01 minute 1 thence Northeasterly 39.27 feet along an arc to radius of 25.00 feet and subtended by a long ch North 18 degrees 58 minutes 43 seconds East a thence North 63 degrees 58 minutes 43 seconds southwestern right of way of Harlan Spears Roa centerline); thence, along said right of way, Sou 05 seconds East 20.14 feet; thence South 63 d seconds West 32.97 feet; thence Southwesterly the left and having a radius of 5.00 feet and s having a bearing of South 18 degrees 58 minute length of 7.07 feet; thence South 26 degrees 0 7.03 feet; thence Southwesterly 39.27 feet along having a radius of 25.00 feet and subtended by bearing of South 18 degrees 58 minutes 43 sec 35.36 feet; thence South 63 degrees 58 minute feet; thence Southwesterly 52.17 feet along an having a radius of 110.00 feet and subtended b bearing of South 77 degrees 33 minutes 56 se 51.68 feet; thence North 88 degrees 50 minute feet; thence South 26 degrees 01 minute 33 s thence South 63 degrees 58 minutes 27 second 5/8-inch rebar set flush with said Helms surve of the above-described 0.230-acre lease tract; 01 minute 33 seconds West 100.00 feet to the

The bearing system of these descriptions is bas State Plane Coordinate System, South Zone, NA determined by G.P.S. observations made on No National Geodetic Survey monument "Y 245". based upon a survey completed by Landmark S certified by Darren L. Helms, P.L.S. 3386, on D survey is hereby referenced and made a part o

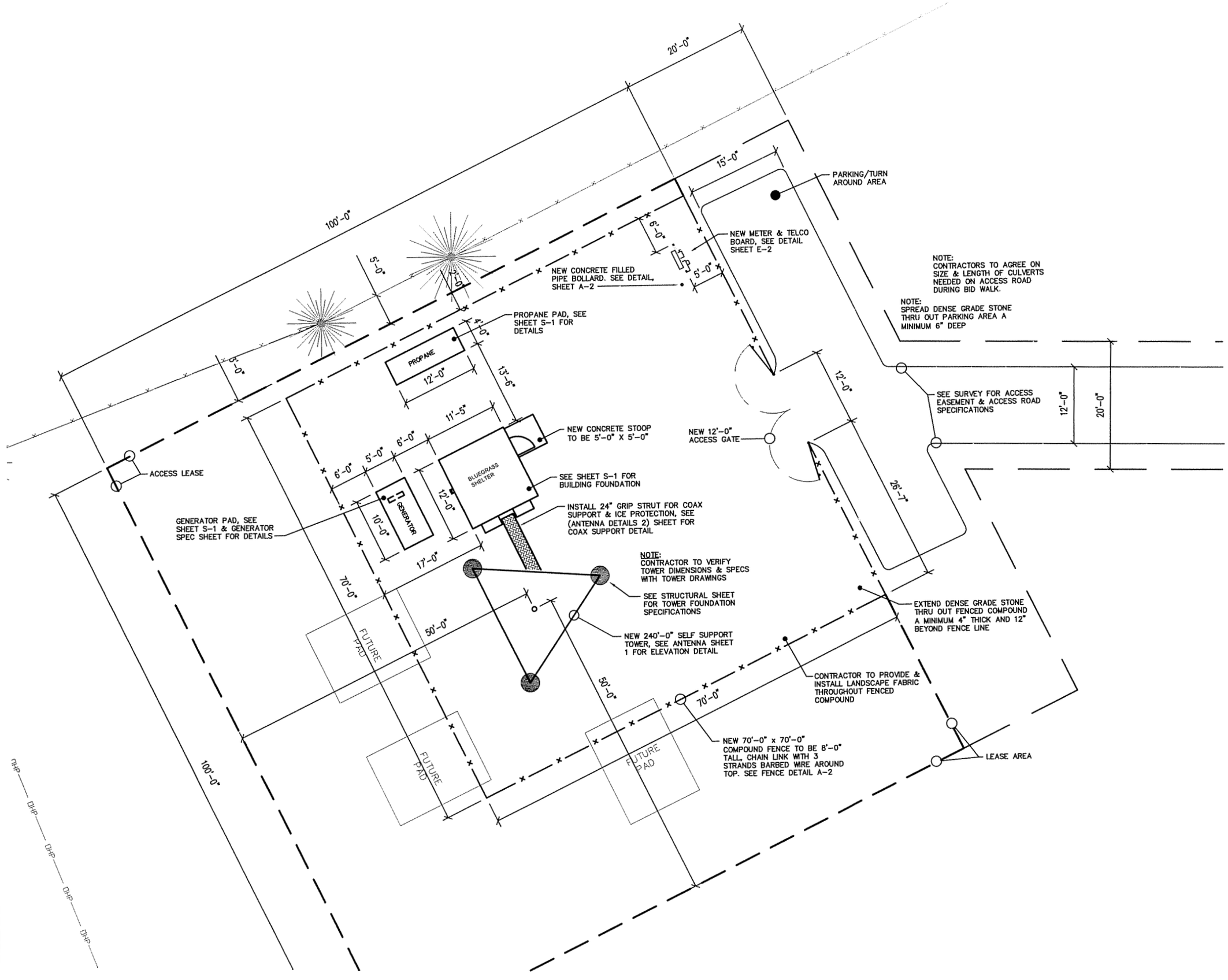
SOURCE OF TITLE: Being a portion of and lyin described in deed to Neal Richardson on July page 889 in the office of the County Clerk of

Surveyor's Certifica

I hereby certify that this plat has been compl actually made upon the ground under my dire November 18, 2010 by the method of baseline The unadjusted precision ratio of the baseline was not adjusted. This survey is a Class B s and precision of this survey meets all the spe

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

Date



GENERAL NOTES:

1) EQUIPMENT PICK–UP AND
FROM BLUEGRASS CELLULAR
BE THE CONTRACTORS RESPO
CRANE SET, AND ALL COST I

2) FOR, BUILDING AND ALL
DETAILS REFER TO STRUCTUR
SHEET S1.1

3) ANY DAMAGE DUE TO
BE REPAIRED OR REPLACED
CONDITION. (SUBJECT TO BLU
APPROVAL).

4) ANY DAMAGE OF NATURA
INCLUDING BUT NOT LIMITED
LANDSCAPING, ETC.. TO BE R
TO ORIGINAL CONDITION AT E
APPROVAL.

5) ROADWAYS TO BE GRADE
REMOVING ALL POTHOLES. RO
DRAINAGE AND RUNOFF PER
CELLULAR'S APPROVAL.

6) ANY RELOCATION OF EXI
DONE IN ACCORDANCE WITH
RECOMMENDATIONS, CONSUL
COMPANIES INVOLVED FOR A
SPECIFICATIONS REQUIRED.

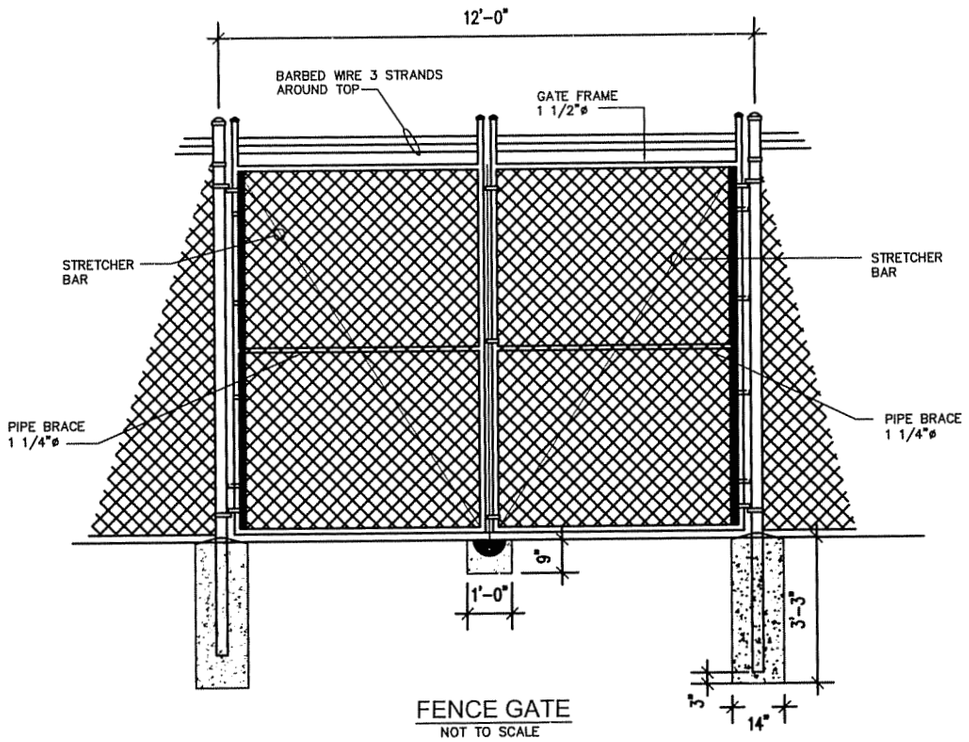
7) FOR GRADING DETAILS,
NOTESHEET

8) CONTRACTOR TO FIELD
DIMENSIONS WITH TOWER MA
JOB BIDDING OR START OF

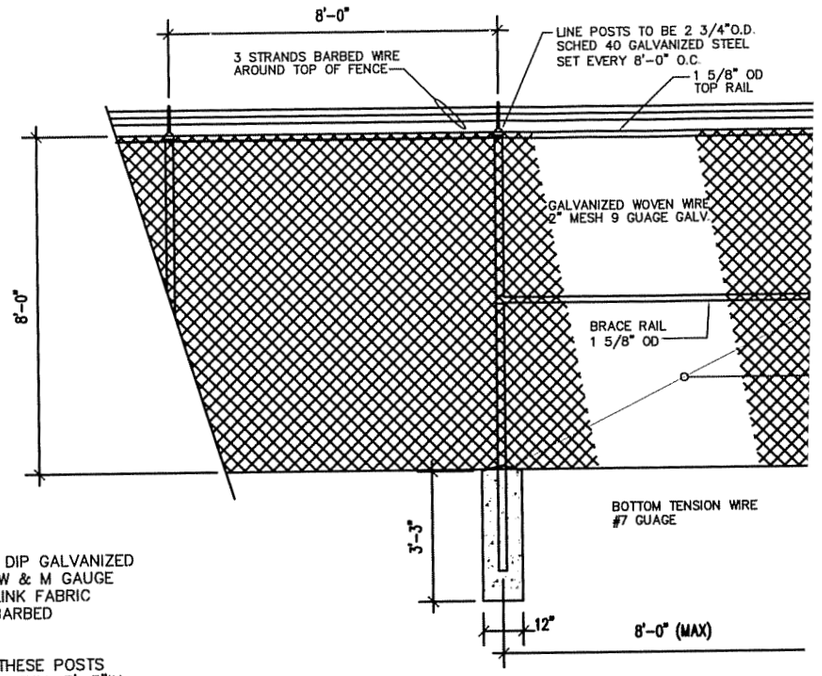
9) CONTRACTOR RESPONSI
SERVICE TO SITE AND PAYI
FOR PERMITS, HOOKUP, ETC

SITE

SCALE: 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 GALVINIZED. 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 AVRERAGING 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 GUAGE AND DESIGN. USED ON TOP OF RAIL EVERY 24" AND ONE POST EVERY 12".

5 EXTENSION ARMS: CAST STEEL GALVANIZED TO ACCOMODATE 3 STRANDS OF BARB WIRE, SINGLE ARM SLOPED TO 45°, AND VERTICAL ON TOP OF SWING GATES.

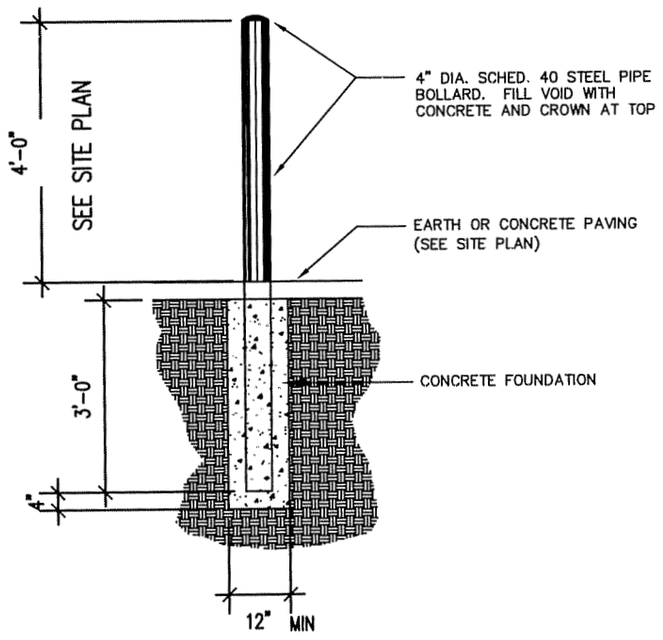
6 BARBED WIRE (STEEL): ASTM A121 GALVINIZED STEEL, 12 GUAGE THICK WIRE, 3 STRANDS 4 POINTS AT 3" O.C.

7 SWING GATE POSTS: SHALL BE 3" O.C. STANDARD HOT GALVINIZED, WEIGHING 5.79 LBS. PER FOOT.

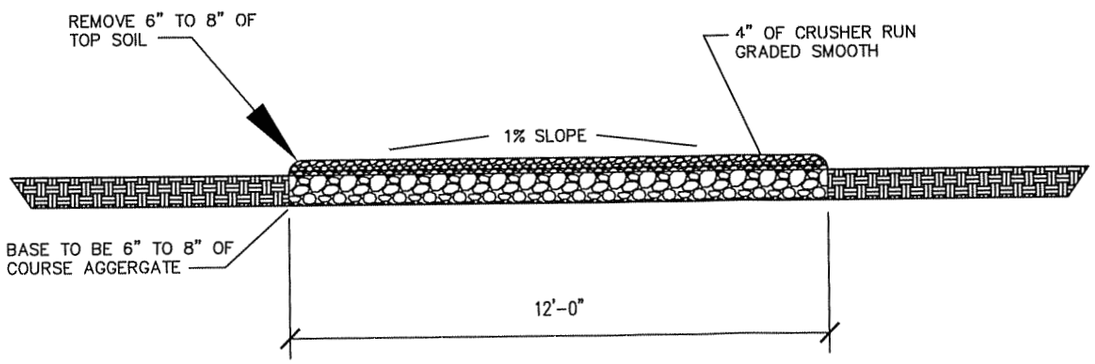
8 GATES: (a) SWING GATES: 2" O.C. STANDARD PIPE WITH INTERNAL BRACING OF 1 5/8" O.D. STANDARD PIPE; WELDED AT ALL JOINTS TO PROVIDE RIGID WATERTIGHT CONSTRUCTION. FABRIC SAME AS FENCE.

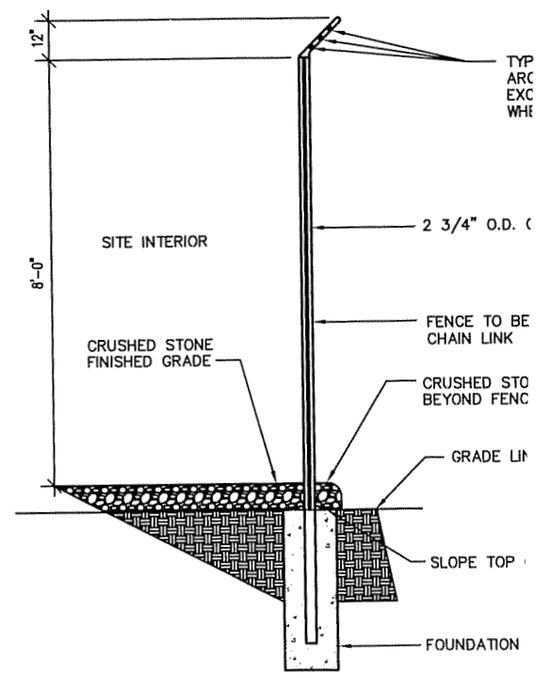
9 FENCE TO BE 100% ERECTED WITHIN TEN(10) DAYS OF COMPLETION OF CONSTRUCTION, IF TIME FRAME CANNOT BE MET, PLEASE NOTIFY PROJECT SUPERVISOR.

10 FENCE STOPS TO BE PLACED ON INSIDE OF COMPOUND PER ACCESS GATE SPECIFICATIONS.



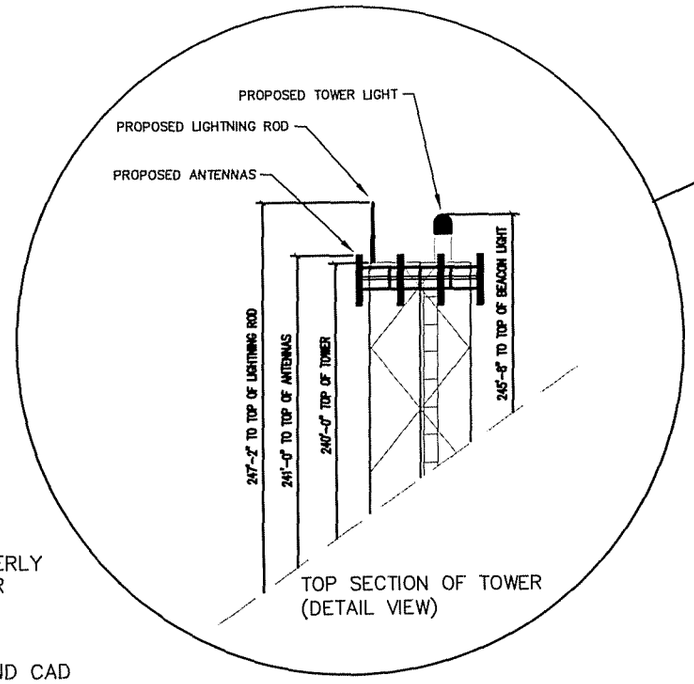
BOLLARD DETAIL
NOT TO SCALE





FENCE DETAIL LINE POLES

BLUEGRASS CELLULAR GENERAL NOTES & ANTENNA SPECS



TOP SECTION OF TOWER
(DETAIL VIEW)

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)

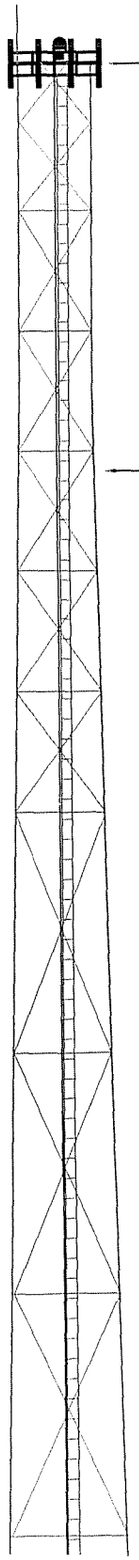
ALL TRASH AND REFUGE IS TO BE PROPERLY DISPOSED OF.

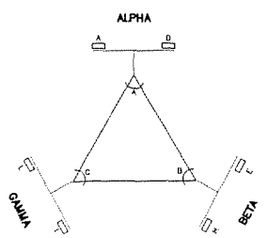
CONTRACTOR TO EXTEND HARDLINES INTO BUILDING 12" & INSTALL POLYPHASERS AND GROUNDING, PER INSTRUCTION OF PROJECT SUPERVISOR.

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.





VERIFY ANTENNA ORIENTATION WITH ANTENNA SPECIFICATIONS

TOWER HEIGHT & TYPE

240'-0" SELF SUPPORT TOWER

ANTENNA SPECS

	TYPE	SIZE L x W x D	NUMBER	AZIMU
ANTENNA (PRIMARY)	LBX-9013DS VTM_02DT_0850	L=78.6 W=10.3 D=4.6	6	0*, 120*,
ANTENNA (SECONDARY)				

ANTENNA MOUNTING HARDWARE SPE

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

ANTENNA TRANSMISSION LINES SPE

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

DISH SPECS

	MICROWAVE/DONOR	SIZE	NUMBER
DISH #1			
DISH #2			

DISH MOUNT SPECS

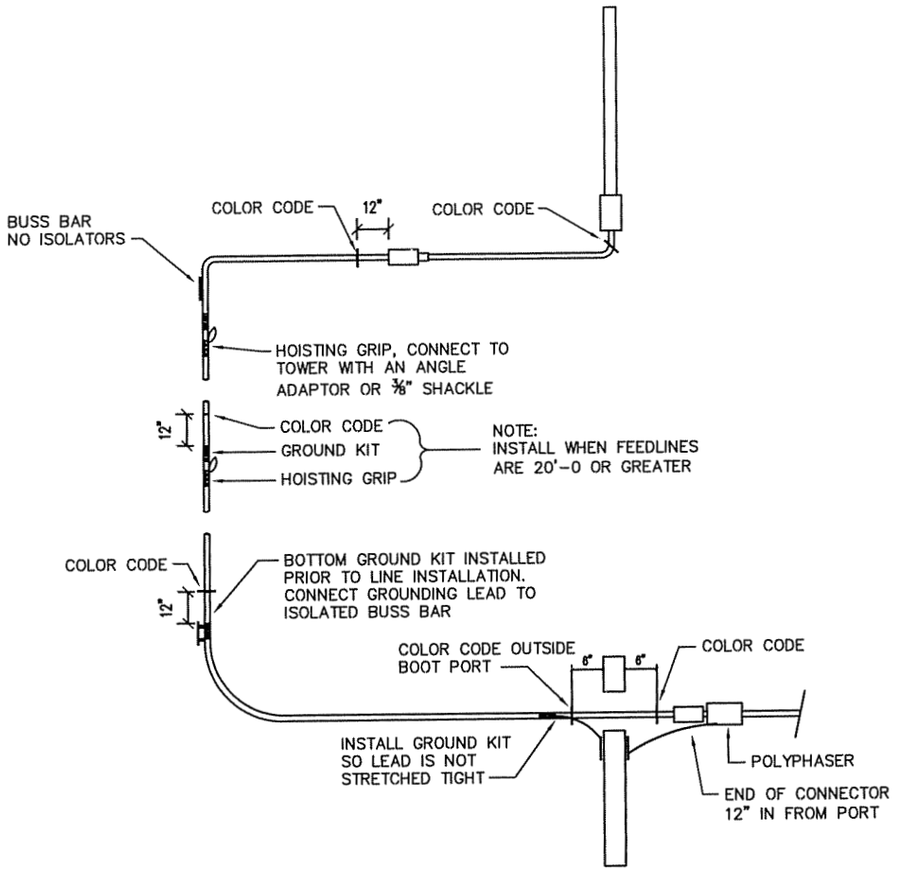
	TYPE	SIZE	NUMBER
MOUNT #1			
MOUNT #2			

DISH TRANSMISSION LINES

	TYPE	SIZE	NUMBER
TRANSMISSION LINE #1			
TRANSMISSION LINE #2			

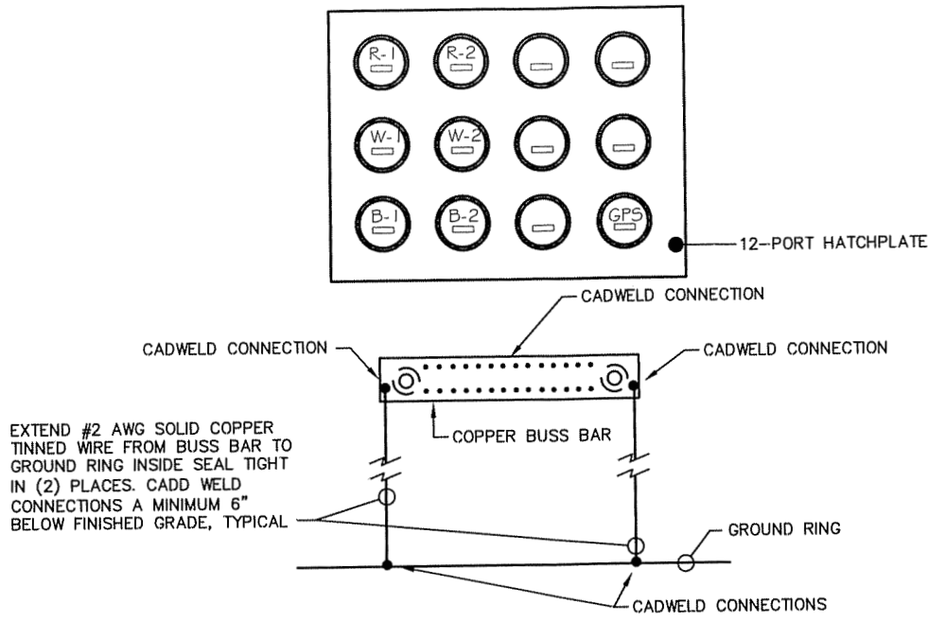
ANTENNA SYNOPSIS

* ANTENNAS TO HAVE A 2*E



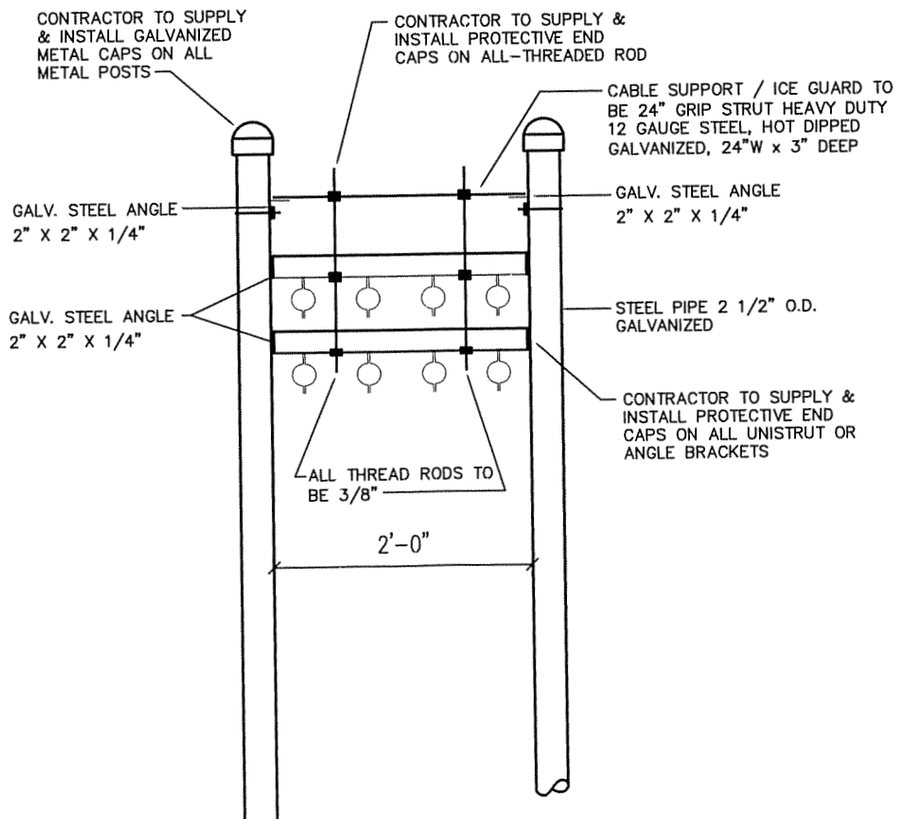
COLOR CODING DETAIL

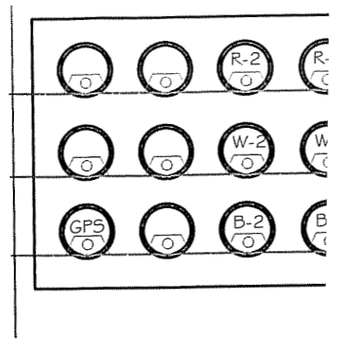
NO SCALE



BOOT PORT GROUNDING DETAIL

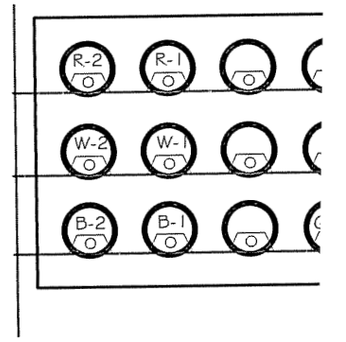
NO SCALE





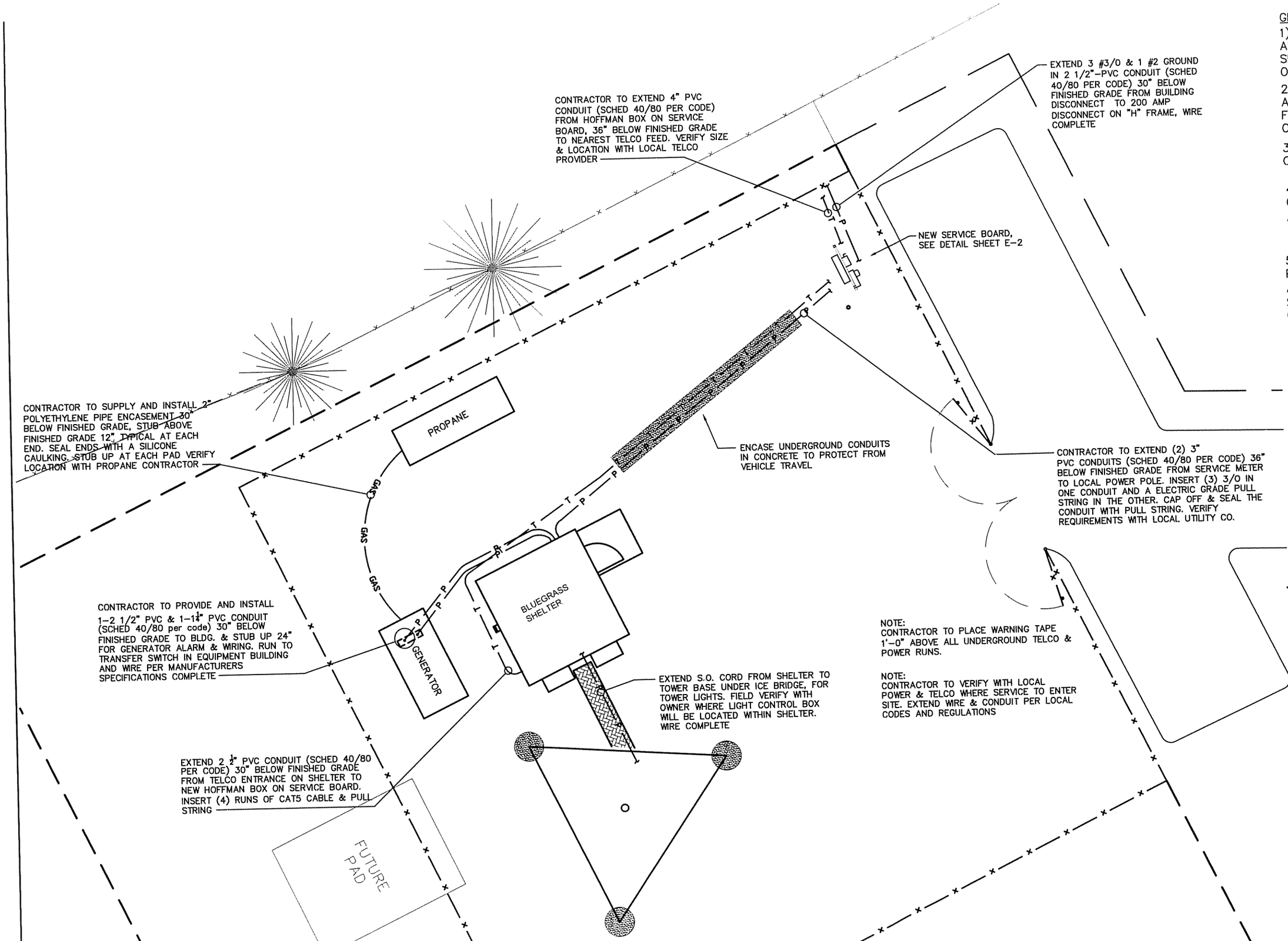
COAX ENTRY DETAIL P
(VIEW FROM INSIDE SHI

NO SCALE



COAX ENTRY DETAI
(VIEW FROM INSIDE S

NO SCALE



GENERAL ELECTRICAL NOTES:

1) CONTRACTOR RESPONSIBLE FOR ARRANGEMENTS WITH THE LOCAL SERVICE AND FEE PAYMENTS REQU OBTAIN SERVICE.

2) CONTRACTOR RESPONSIBLE FOR ARRANGEMENTS WITH THE LOCAL FOR SERVICE AND FEE PAYMENTS OBTAIN SERVICE.

3) GROUND RING TO BE CONTAINE COMPOUNDS FENCED AREA.

4) FENCE TO BE GROUNDED FRO CORNER POST & GATES. SPACE APPROXIMATELY 20'-0" O/C. (CA

5) ALL GROUND RING CONNECTIO POSSIBLE, SHARP BENDS WILL NO AS "T" CONNECTIONS. ALL CONNE SWEEPING RADIUS OF 8" MINIMUM CONFIGURATION TO BE IN PARALL

6) CONTACT POINTS FOR GROUNI ANY RUST, PAINT, DIRT, ETC. TO CONDUCTOR. AREA THAT HAS BE RESEALED TO PREVENT RUSTING.

7) PROPERLY GROUND ANY EXPO EXIST ON EXTERIOR OF EQUIPMEI

8) WHERE GROUND CONDUCTORS BONDING, STAINLESS STEEL CON EACH CONNECTING POINT USING

9) CONTRACTOR RESPONSIBLE F PERSONNEL MAKE FINAL CONNE TOWER ALARM IS CONNECTED A NUMBER FOR THE ALARM MUST

10) CONTRACTOR RESPONSIBLE AND SUPPLYING OWNER WITH FI SPECIFICATIONS.

11) IF CONDUIT RUNS BURIED L DEPTHS, CONTACT BLUEGRASS INSTRUCTIONS

NOTE:
CONTRACTOR TO PROVIDE WARI FOR ALL POWER AND TELCO RI TAPE TO BE INSTALLED 1'-0" (TAKE PICTURES)

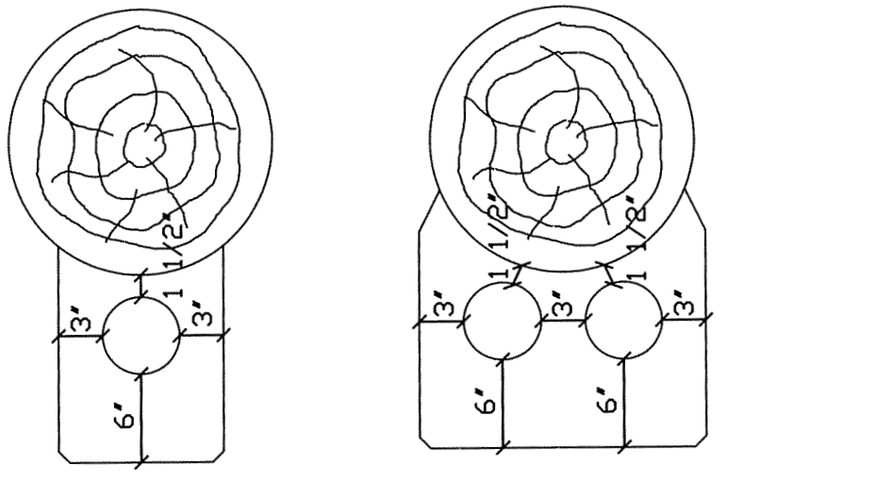
SYMBOLS LEGEND

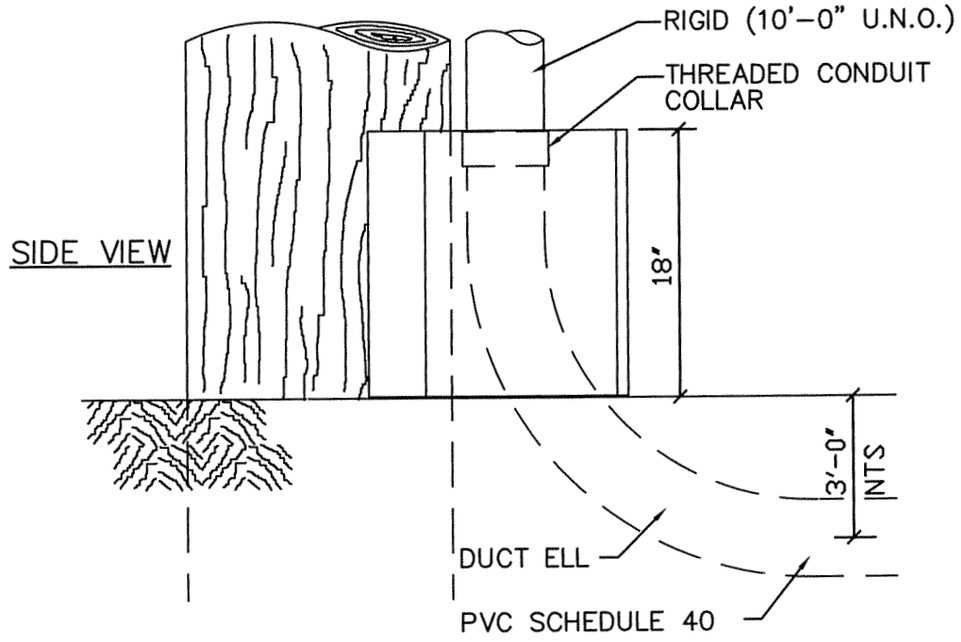
- P — POWER
- G — GAS
- T — TELEPH
- X — FENCE
- SWITCH
- M — METER

SITE PLAN- E

SCALE: 3/32" = 1'-

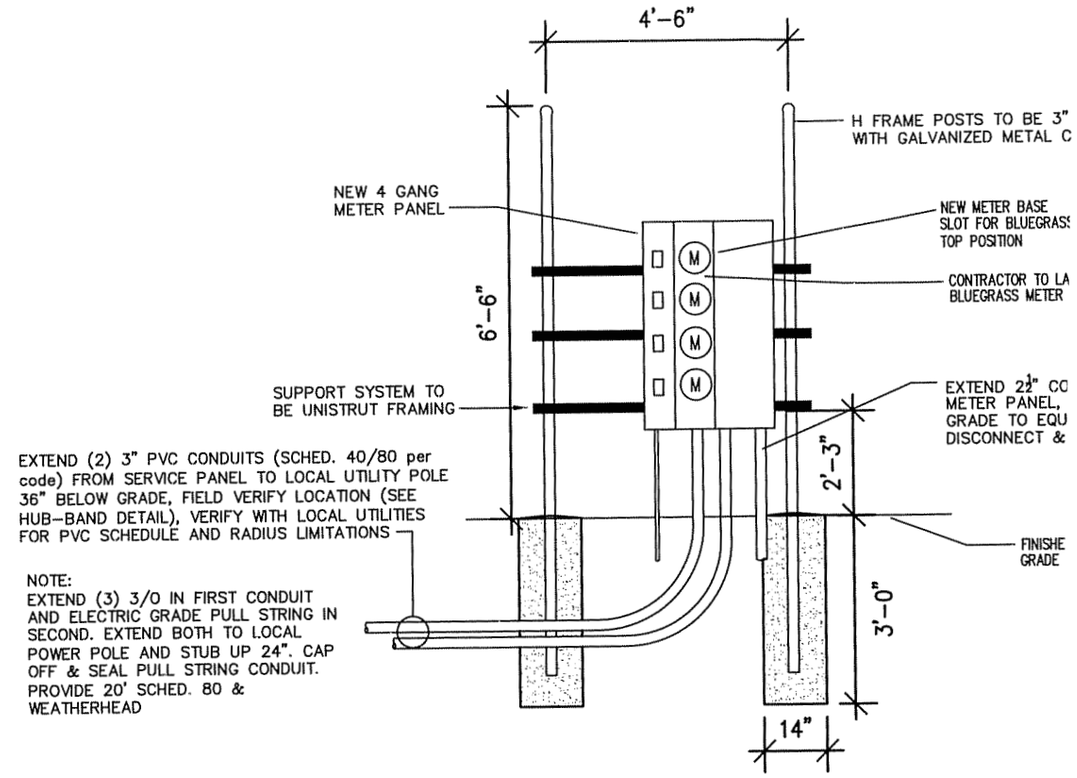
TOP VIEW





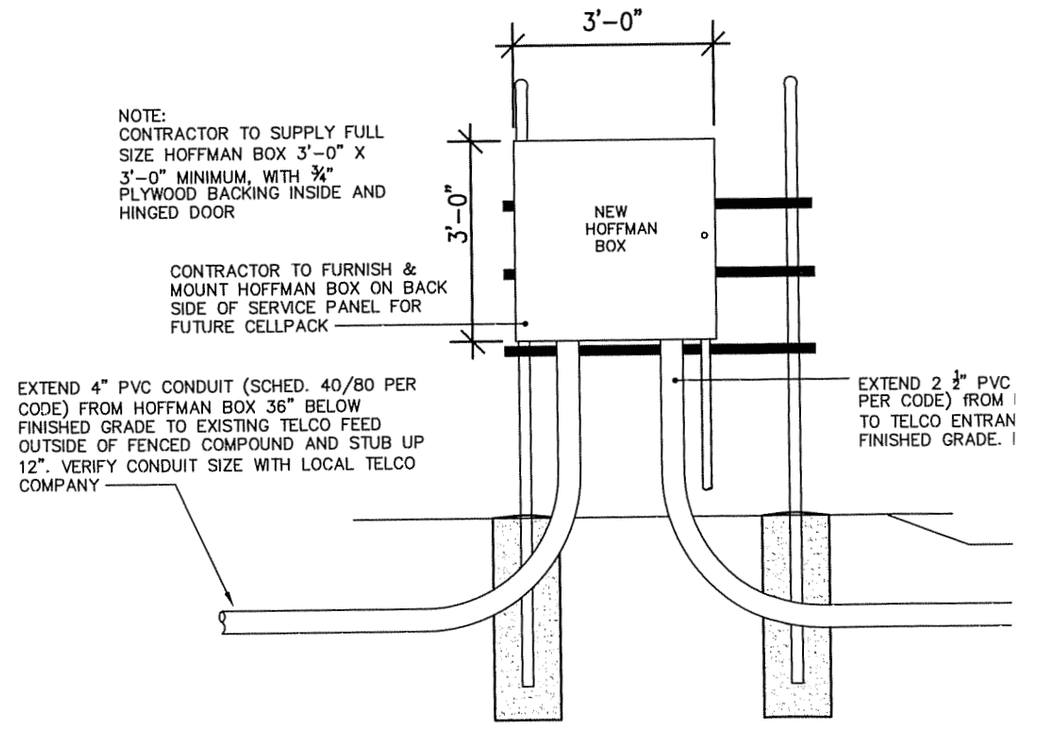
HUB-BAND DETAIL

NO SCALE

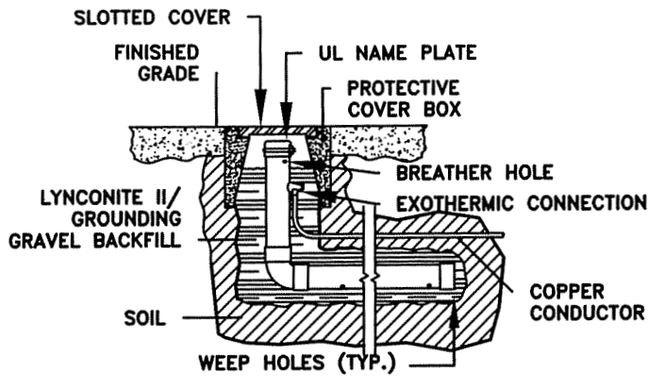


SERVICE BOARD DETAIL

NO SCALE

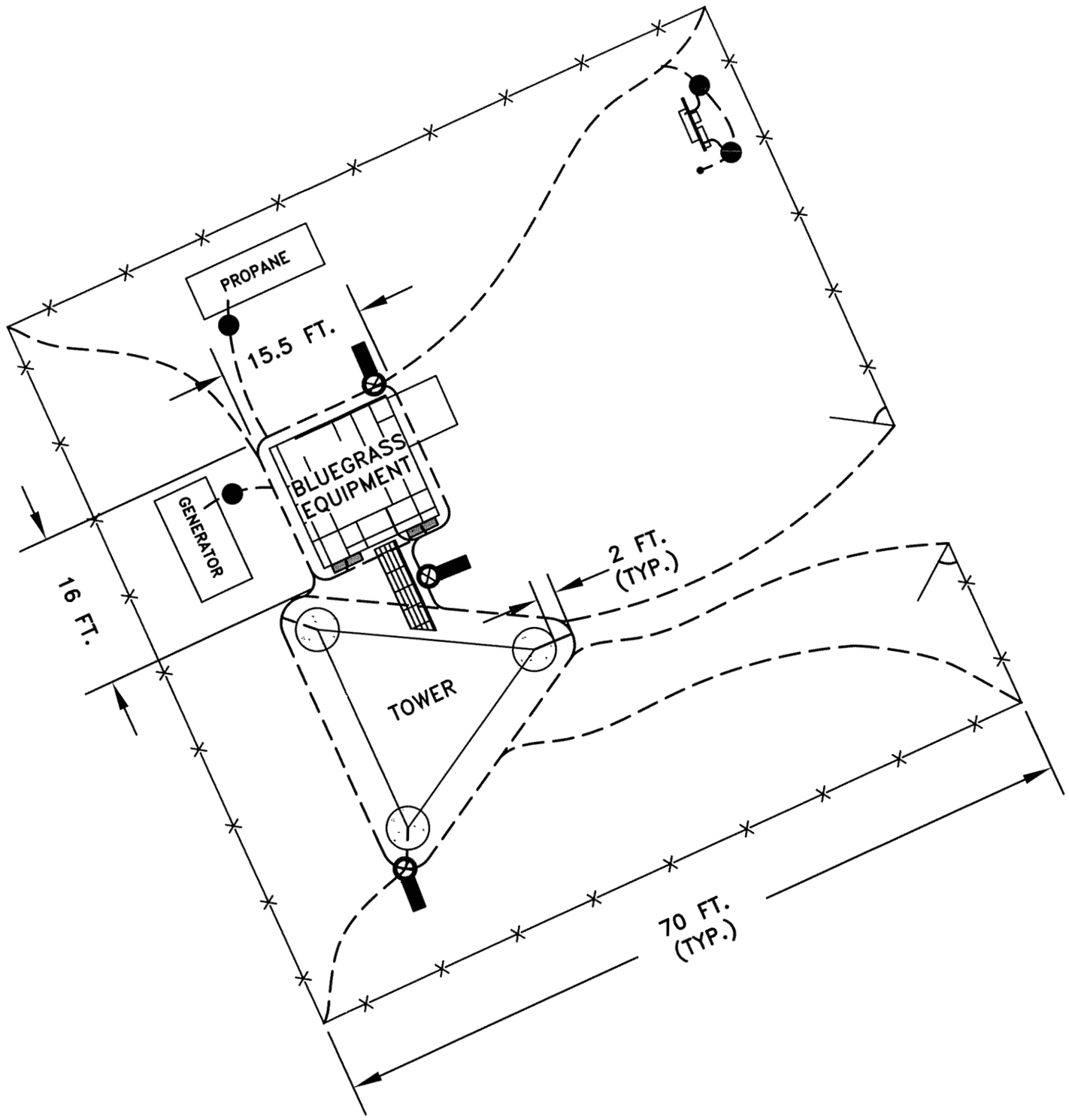


BACKBOARD DETAIL



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

LYNCOLE

TECHNICAL SERVICES

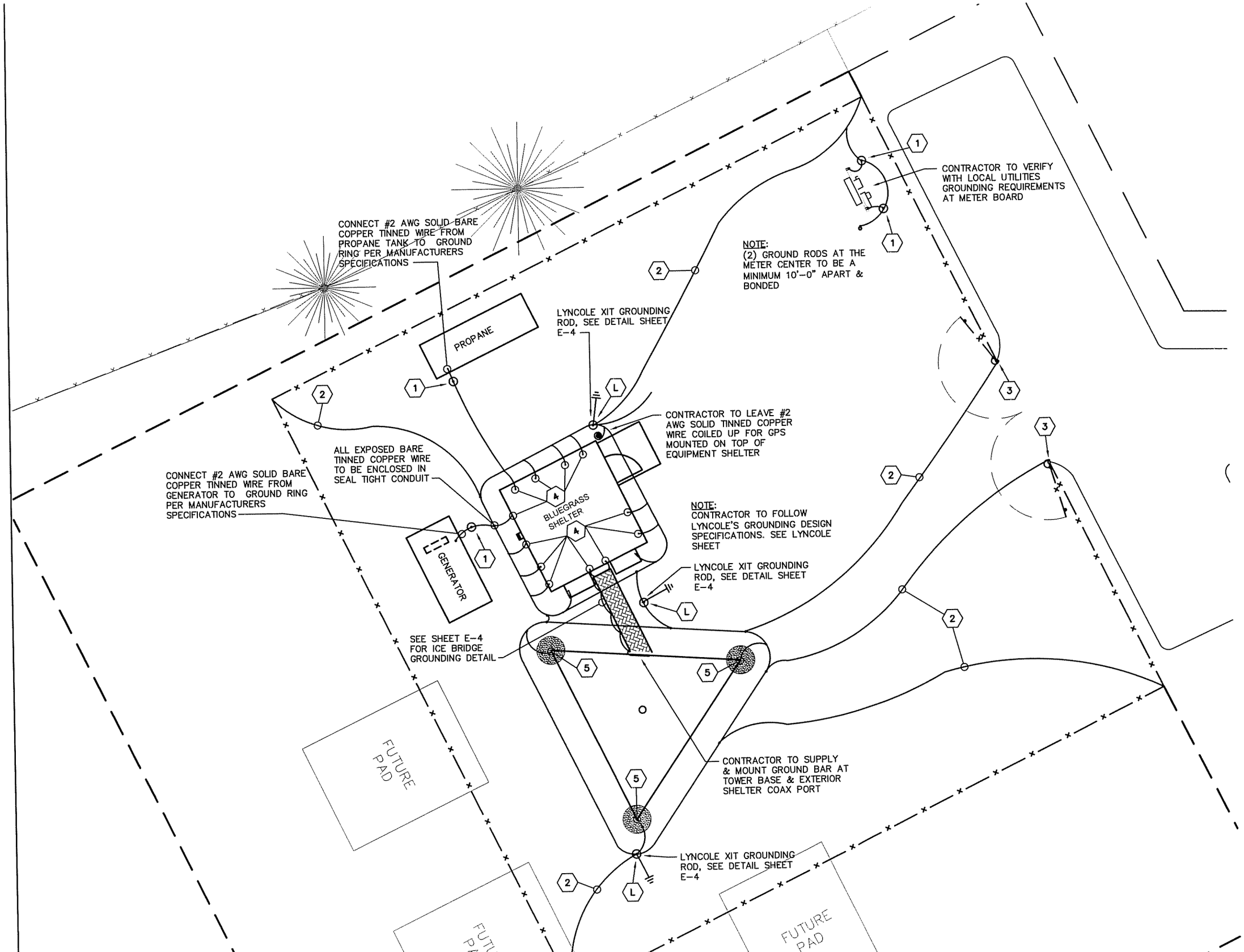
3547 VOYAGER STREET, SUITE 204

CLIENT / END USER
RSB DESIGN /

DRAWING	PROJECT NAME
1	BLUEGRASS

TITLE
GROUNDING OPTI(

LOCATION: CITY, STATE



GENERAL ELECTRICAL NOTES:

1) CONTRACTOR RESPONSIBLE FOR MA ARRANGEMENTS WITH THE LOCAL UTIL SERVICE AND FEE PAYMENTS REQUIRE OBTAIN SERVICE.

2) CONTRACTOR RESPONSIBLE FOR MA ARRANGEMENTS WITH THE LOCAL TELE FOR SERVICE AND FEE PAYMENTS REC OBTAIN SERVICE.

3) GROUND RING TO BE CONTAINED W COMPOUNDS FENCED AREA.

4) FENCE TO BE GROUNDED FROM GI POST & GATES. SPACE FENCE GROUI O/C. (CAD WELD ALL CONNECTIONS)

5) ALL GROUND RING CONNECTIONS POSSIBLE, SHARP BENDS WILL NOT B AS "T" CONNECTIONS. ALL CONNECTI SWEEPING RADIUS OF 8" MINIMUM. GF CONFIGURATION TO BE IN PARALLEL.

6) CONTACT POINTS FOR GROUNDING ANY RUST, PAINT, DIRT, ETC. TO CRE CONDUCTOR. AREA THAT HAS BEEN RESEALED TO PREVENT RUSTING.

7) PROPERLY GROUND ANY EXPOSED EXIST ON EXTERIOR OF EQUIPMENT S

8) WHERE GROUND CONDUCTORS REC BONDING, STAINLESS STEEL CONNECT EACH CONNECTING POINT USING LOC

9) CONTRACTOR RESPONSIBLE FOR S PERSONNEL MAKE FINAL CONNECTIOI TOWER ALARM IS CONNECTED AND V NUMBER FOR THE ALARM MUST BE

10) CONTRACTOR RESPONSIBLE FOR AND SUPPLYING OWNER WITH FINAL SPECIFICATIONS.

NOTE:
CONTRACTOR TO PROVIDE WARNIN POWER & TELCO TRENCHES, 12" RUNS, BUT BELOW FINISHED GRAI

NOTE:
CONTRACTOR TO FOLLOW LYNCOI SPECIFICATIONS WHEN USING THE RODS. SEE DETAIL SHEET E-4.

KEYNOTES:

(L) LYNCOLE XIT GROUNDING ROD TO BE INSTAI MANUFACTURERS SPECIFICATIONS. (SEE LYN

(1) GROUNDING RODS 10'-0" LONG x 3/4" CO BONDED GROUND RODS

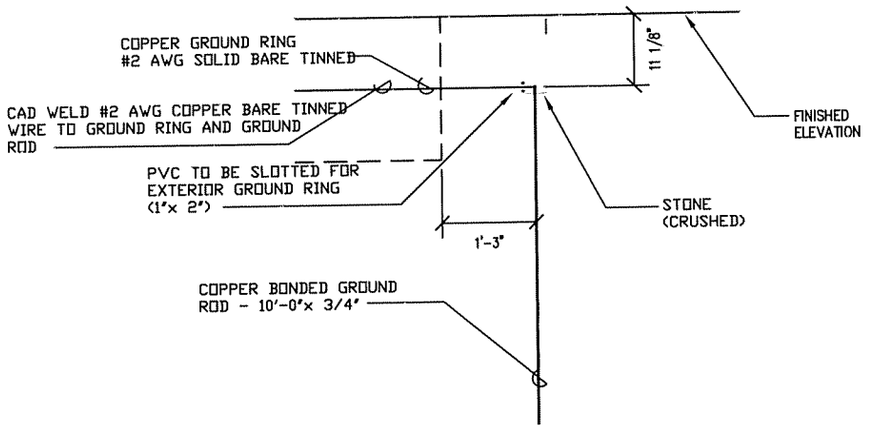
(2) INSTALL AND PROVIDE SOLID BARE TINNED RING BELOW GRADE 30". USE #2 AWG SOLI "TAP" CONNECTING CONDUCTORS. (CONNEC CONDUCTORS TO BE PARALLEL AND "CAD

(3) FLEXIBLE GROUNDING STRAP TO BE USED BETWEEN GATE AND CHAIN LINK FENCE, #2 TINNED CONDUCTOR FROM GROUND RING T CONNECTIONS. GROUND TAP TO BE PROVID GROUND RING AS DESCRIBED ABOVE.

(4) BONDED GROUND TO BE PROVIDED TO GRO FOLLOWING: BUILDING STEEL, HATCH PLATE GUIDE STRUCTURE, FRAME WORK, BUILDING

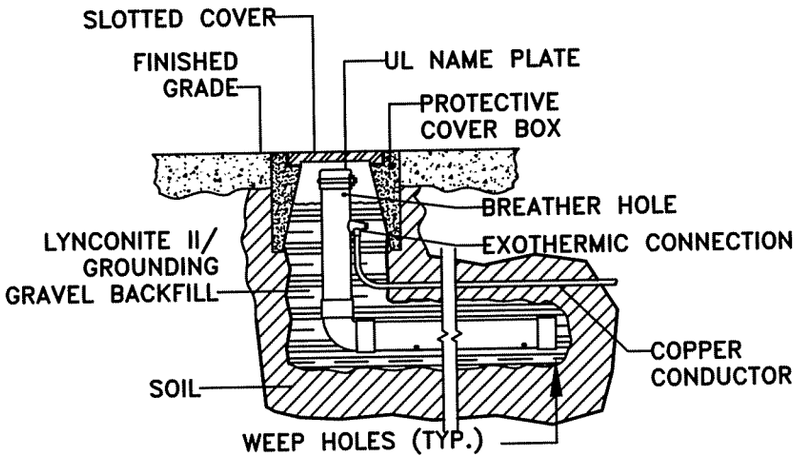
(5) FOR TOWER FRAME GROUNDING, REMOVE G AT SPOT TO "CAD WELD" TO AND CLEAN. COPPER CONDUCTOR TO BE CAD WELDED FOUNDATION OR AT FLANGE IF PROVIDED

EXTEND CONDUCTOR TO GROUND RING. RI BENDS TO BE SWEEPING.



GROUND ROD DETAIL

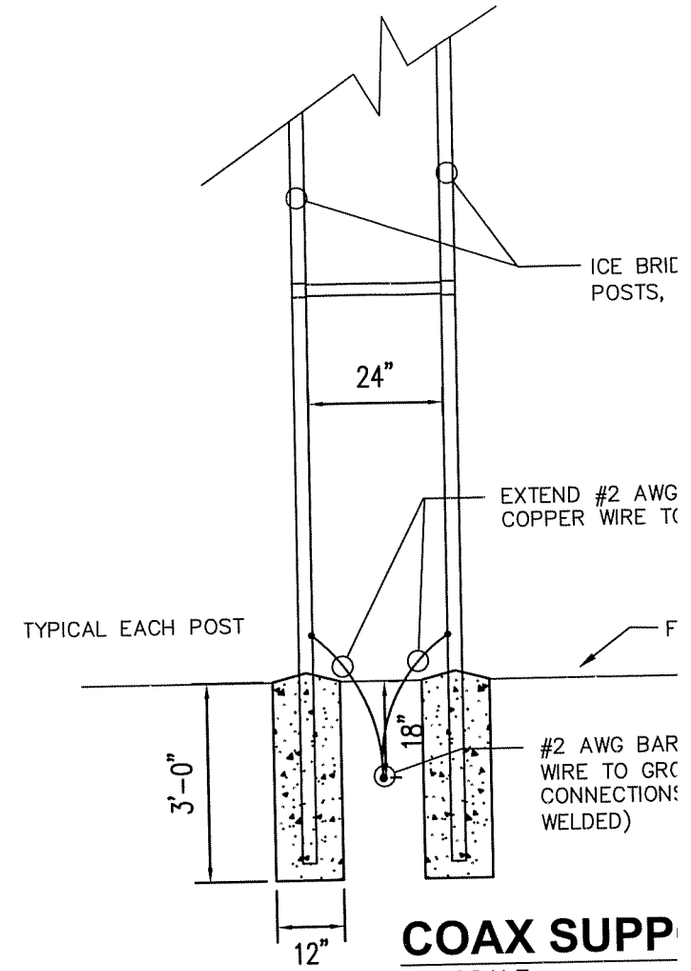
NO SCALE



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

LYNCOLE XIT ROD DETAIL

NO SCALE



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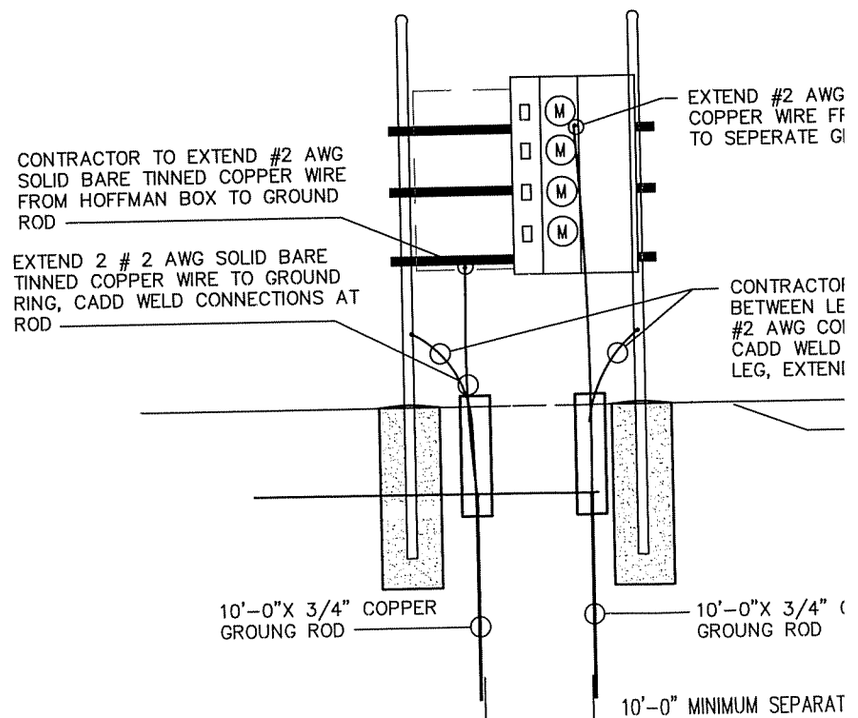

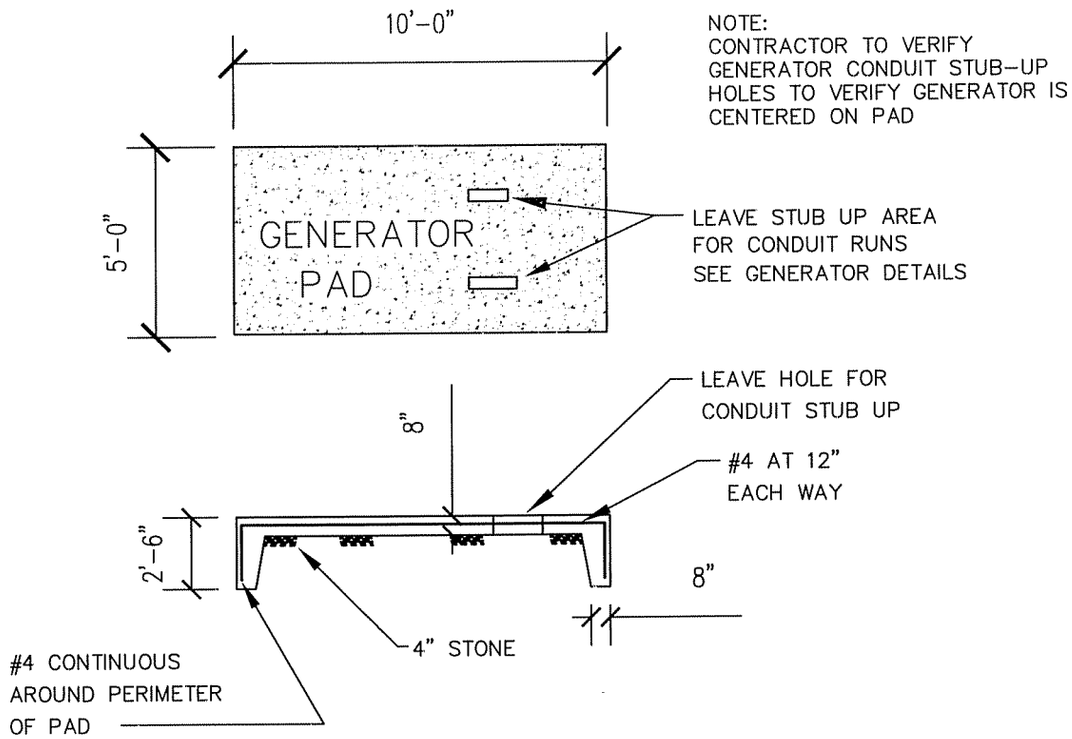

FOUNDATION DETAIL

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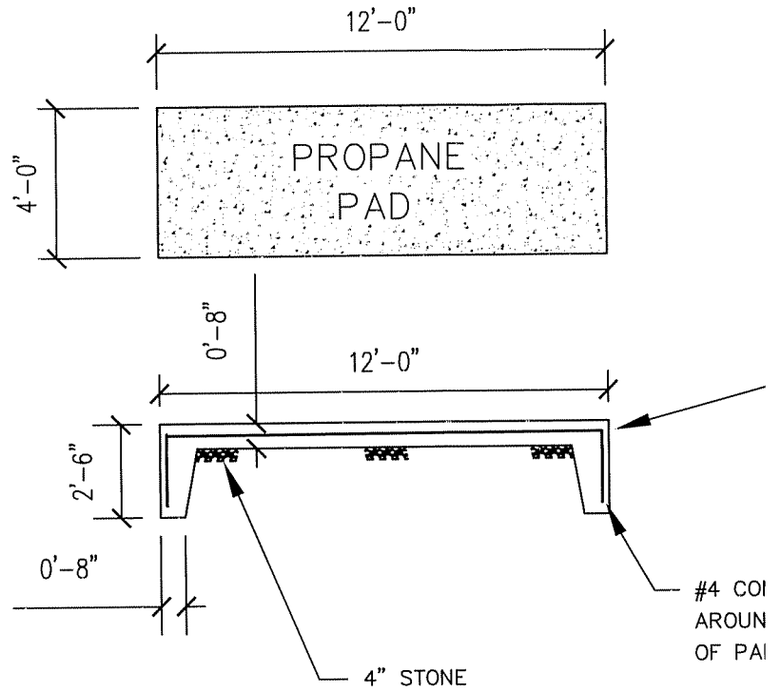

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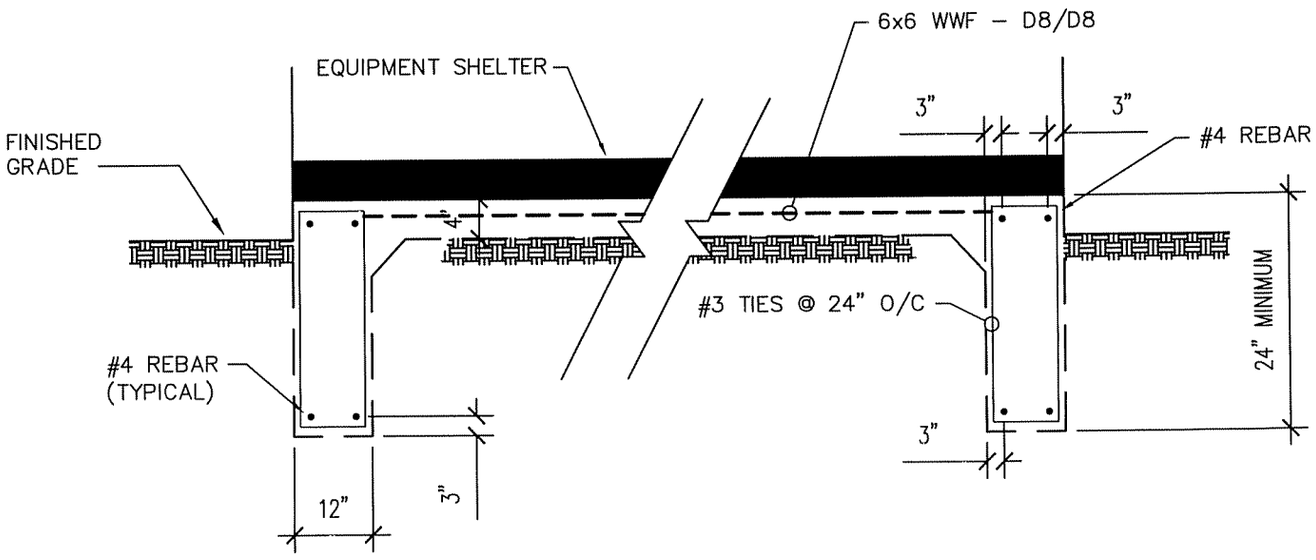
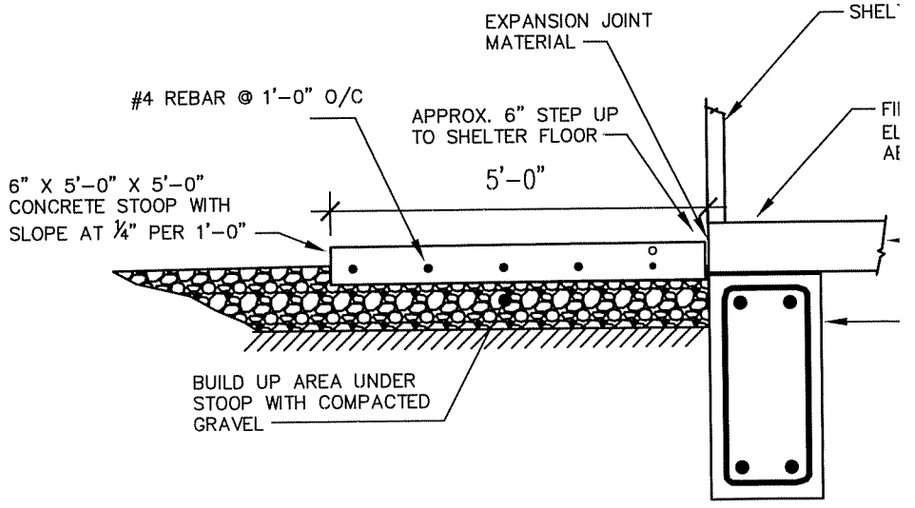


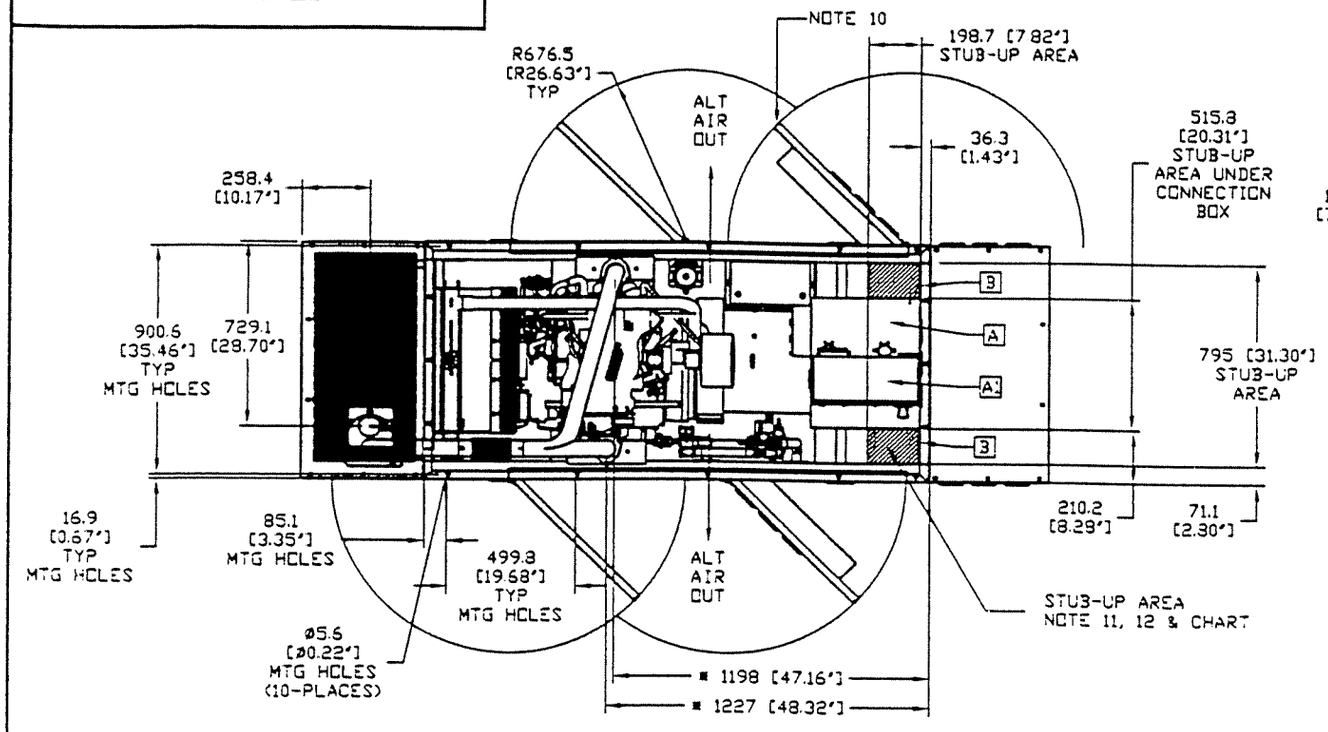
SHELTER FOUNDATION PLAN



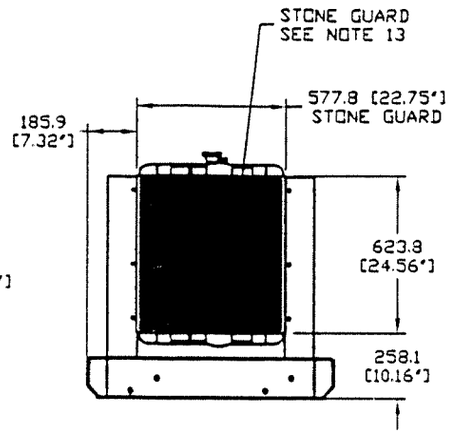
CONCRETE STOOP DETAIL

NO SCALE

0G7627



TOP OR PLAN VIEW



RADIATOR END VIEW WITH
STONE GUARD OPTION

RECOMMENDED FUEL/ELECTRICAL STUB-UPS (SEE TOP VIEW)	
DESCRIPTION	INSIDE BASE
AC LOAD LEAD CONDUIT (RIGHT)	A
(LEFT)	A1
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]

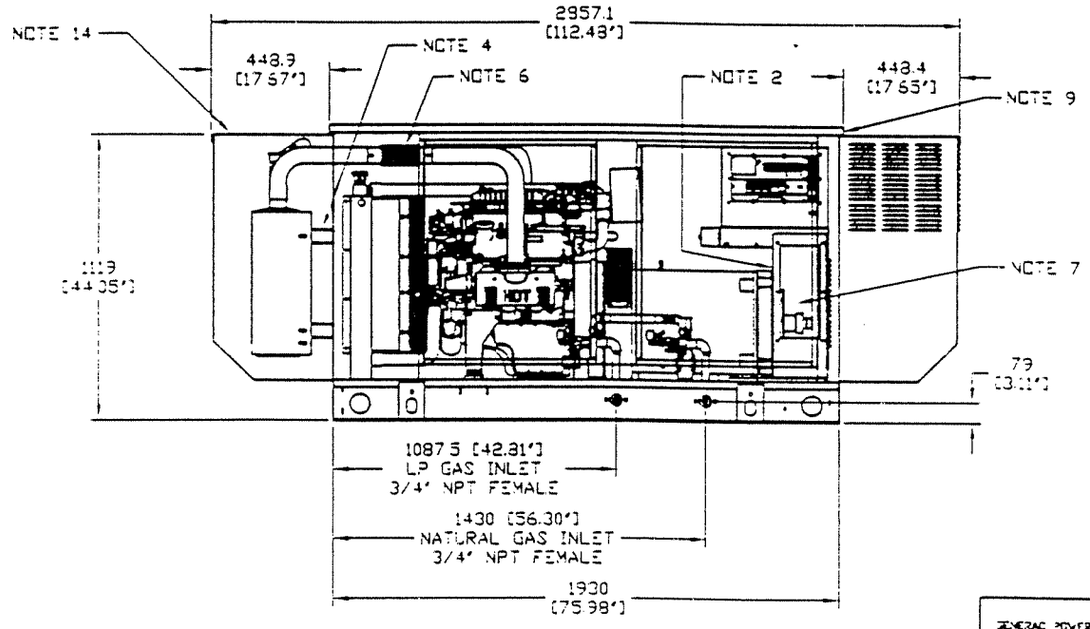
UNITS: mm [INCHES]

ENC
INL
INL
OIL
EXH

NOTES:

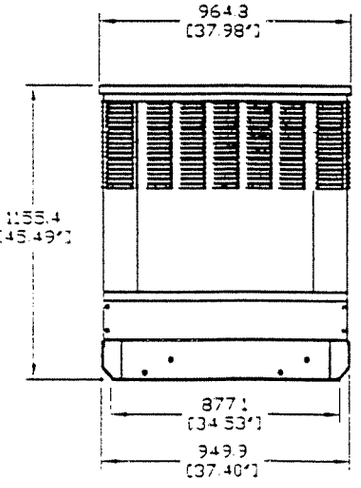
1. CONTROL PANEL
2. STANDARD 20A
3. CONNECTION P
   CONNECTION P
4. EXHAUST MUFFLE
5. 12 VOLT NEGA
6. 2.5" I. D. FL
   UNITS, OPTIO
7. MAIN LINE CI
   CONNECTION.
8. REMOVABLE BL
   CIRCUIT BREA
9. OPTIONAL ENC
10. DOORS MUST B
11. STUB-UPS:
    STANDARD BAS
    OUTSIDE OR I
12. A OR A1 IS TH
    ON CIRCUIT B
    AVAILABLE FO
13. STONE GUARD
    SET ONLY.
14. SEE DRAWING
    DUCT WILL PR

*NOTE: DIMENSIO
USED AS A RE
APPLIES TO O

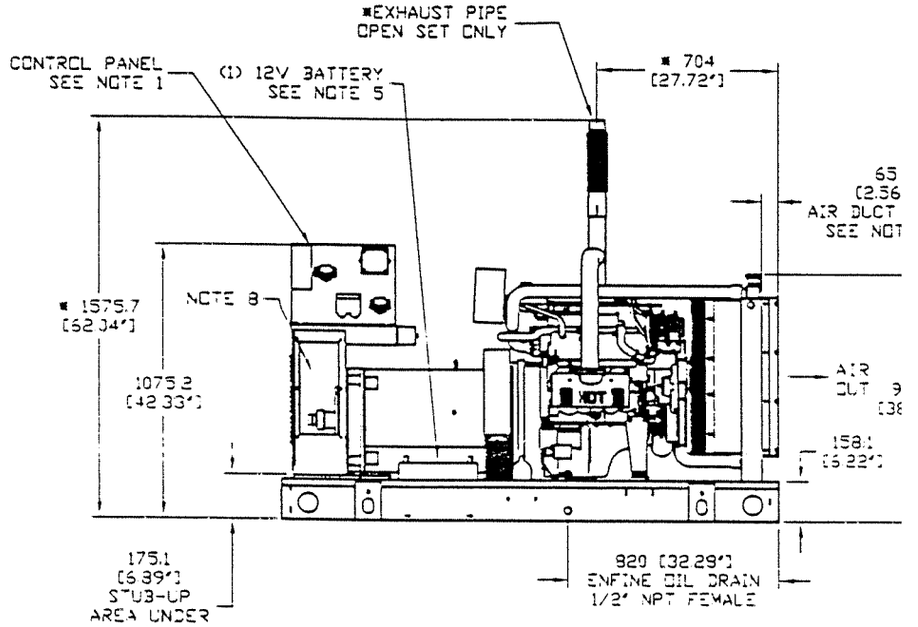


LEFT SIDE VIEW

APPLICABLE TO 4.5L GD 35, 40 & 45KW



REAR VIEW



RIGHT SIDE VIEW

INSTALLATION DRAWING

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

4.2L DIRECT DRIVE

ACOUSTIC ENCLOSURE

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 PHOTOCELL 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

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.

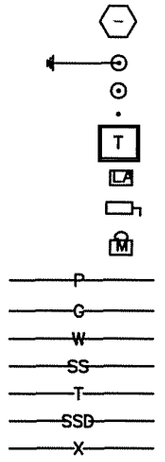
10) SITE TO HAVE PROPER DRAINAGE & EROSION CONTROL (CROWNED FORMATION)

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

"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.

SYMBOLS LEGEI



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 Monroe County, Kentucky

Hestand Site

From downtown Tompkinsville, Kentucky: travel southeast on Kentucky Highway 163 for 5.4 miles to Kentucky Highway 216 (Vernon Road) at Hestand; turn left onto Kentucky Highway 216 and travel east for 0.8 miles to Harlan Spears Road; turn left onto Harlan Spears Road and travel north 0.2 miles to a barn and the tower access lane on the left; turn left onto the lane and travel west around the south side of the barn for about 400 feet to the tower site in a pasture. The address of the site is 150 H. Spears Road, Hestand, Kentucky 42151.

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

Dec. 8, 2010
Date

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

Hestand:

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 10 day of November, 2010, by and between **Neal Richardson**, whose address is **1400 Vernon Rd, Hestand, KY 42151** (the "Optionor (s)" and Cumberland Cellular Partnership, d/b/a Bluegrass Cellular, a Kentucky general Partnership with principal office and place of business at 2902 Ring Road, Elizabethtown, KY 42701 (the "Optionee").

W I T N E S S E T H:

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

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

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

1. In consideration of **One Thousand Eight Hundred Dollars and Zero Cents ($1,800.00)** paid by the Optionee to the Optionor(s) (the "Option Consideration"), the receipt of which is hereby acknowledged by the Optionor(s), the Optionor(s) hereby grants to the Optionee an exclusive and irrevocable option to lease the Property (the "Option"), upon the terms and conditions hereinafter set forth, upon the exercise of the Option at any time before 4:00 p.m. prevailing time on 5-10-12, (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.

5. If the Optionee elects to exercise the Option in accordance with the terms hereof, notice of such election shall be deemed sufficient if personally delivered or sent by registered or certified mail, return receipt requested, to the address of the Optionor(s) set forth in Paragraph **14** hereof.

6. The Optionor(s) agrees not to sell, lease or offer for sale or lease the Property during the term of this Option or any renewal or extension of the Option.

7. In the event the Optionee fails to exercise the Option as set forth herein (unless such failure is due to the discovery of a defect in the Property or other matter unsatisfactory to the Optionee), the Optionor(s) shall have the right to retain the Option Consideration.

8. The Optionee may assign this Option with written consent of the Optionor(s), which consent shall not be unreasonably withheld, and upon any assignment such assignee shall have all the rights, remedies and obligations as if it were the original Optionee hereunder. From and after any such assignment, the term "Optionee" shall refer to such assignee.

9. Each party hereto shall bear any and all of its own expenses in connection with the negotiation, execution or settlement of this Option.

10. Risk of loss with respect to the Property during the term of this Option and during the term of the lease shall be upon the Optionor(s). If, during the term of the Option, any portion of the Property shall be acquired by public authority under the right or threat of eminent domain, the Optionee may, at its sole option, either (i) exercise the

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

11. The parties hereto represent to each other that neither has engaged any broker to represent their interests in connection with the transactions contemplated hereby, and each agrees to indemnify the other against any and all claims made by any brokers engaged or purported to be engaged by the other for brokerage commissions or fees in connection with the transactions contemplated hereby.

12. The Optionor(s) represents, warrants and covenants to the Optionee that the Optionor(s) has not caused or permitted, and shall not cause or permit, and to the best of Optionor(s)' knowledge no other person has caused or permitted any hazardous material (as defined by any applicable federal, state or local law, rule or regulation) to be brought 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.

Hestand:

14. For the purposes of giving notice as permitted or required herein, the address of the Optionor(s)shall be:**1400 Vernon Rd, Hestand, KY 42151**; 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 **Monroe 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

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.

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.

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]

Hestand:

EXECUTION OF AGREEMENT(S)

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

Date: 11/2/10

("Optionor(s)")

By: Neal Richardson
Property Owner(s)

Date: 11/10/10

("Optionee")

By: Ron Smith
Authorized Representative

STATE OF **Kentucky**
COUNTY OF Monroe

The foregoing instrument was acknowledged before me this 2nd day of November, 2010, by **Neal Richardson** to be his/her free act and deed.

Rita Grider
NOTARY PUBLIC STATE AT LARGE
My commission expires: 12-1-2011

STATE OF KENTUCKY
COUNTY OF HARDIN

The foregoing instrument was acknowledged before me this 10th day of November, 2010, by **Ron Smith**, to be his free act and deed.

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

Hestand:

This instrument prepared by:

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

Reduced Copy

North

APHIC SCALE

(IN FEET)
1 inch = 200 ft.

Ray and Nelda Oliver
495 Vernon Road
Hestand, KY 42151
PVA Map No. 73-10

Note

boundaries shown are approximate,
upon aerial photographs and
in the office of the Property
ator of Monroe County, Kentucky.

or's Certification

at the information shown is correct
knowledge; and it is in accordance
found in the office of the Property
ator of Monroe County, Kentucky on

Ray and N
495 Vern
Hestand, K
PVA Map N

D.L. Helms
P.L.S. 3386

2010

STATE OF KENTUCKY
DARREN L. HELMS
3386

Landmark Surveying Co., Inc.
15 N.E. 3rd Street
Washington, Indiana 47501
(812) 257-0950
Email: landmark97@sbcglobal.net

Project No. 10-11-0183

500-Foot Radius Map

150 H. Spears Road

Hestand, Kentucky 42151

Bluegrass Cellular
2902 Ring Road
Elizabethtown, Kentucky 42701

REVISIONS	DATE

DATE 12-08-10 | DRAWN BY A. Winkler | CHECKED BY D.L.Helms

SHEET NO.
1

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

Hestand Site

James Russell
1198 Magnolia Street
Tompkinsville, KY 42167

Ray and Nelda Oliver
495 Vernon Road
Hestand, KY 42151

Kenneth and Cathy Walker
718 Vernon Road
Hestand, KY 42151

Heather Nason
786 Vernon Road
Tompkinsville, KY 42167

J.F. Tade
870 Vernon Road
Hestand, KY 42151

Neal Richardson
1400 Vernon Road
Hestand, KY 42151

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

Dec. 8, 2010
Date

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

January 18, 2011

J.F. Tade
870 Vernon Road
Hestand, Kentucky 42151

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.

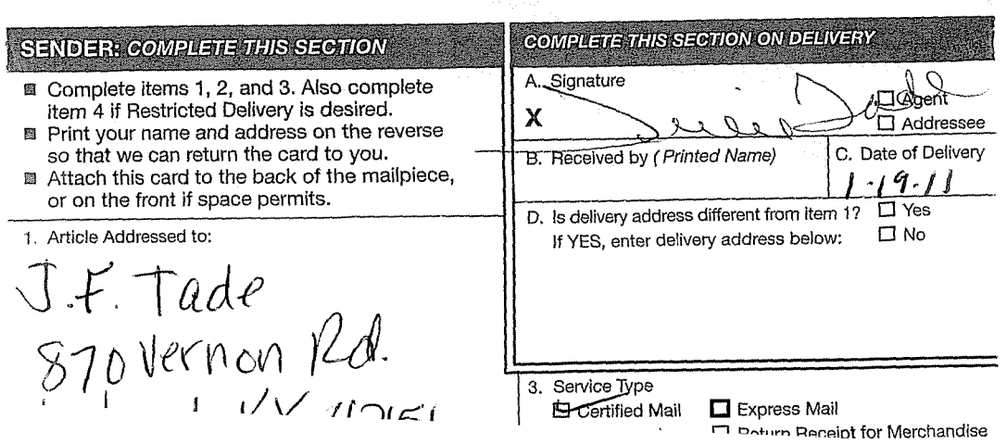
Bluegrass Cellular is applying to the Public Service Commission of the Commonwealth of Kentucky (the "Commission") for a Certificate of Public Convenience and Necessity to construct and operate a new cell facility to provide cellular telephone service. This facility will include a 240 foot tower to be located at 150 H. Spears Road, Hestand, Kentucky, 42151. 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 2011-00012 in your correspondence.

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



SENDER: COMPLETE THIS SECTION

- Complete 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:

J.F. Tade
870 Vernon Rd.

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery
1-19-11

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

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Return Receipt for Merchandise

January 18, 2011

Heather Nason
786 Vernon Road
Tompkinsville, Kentucky 42167

Public Notice

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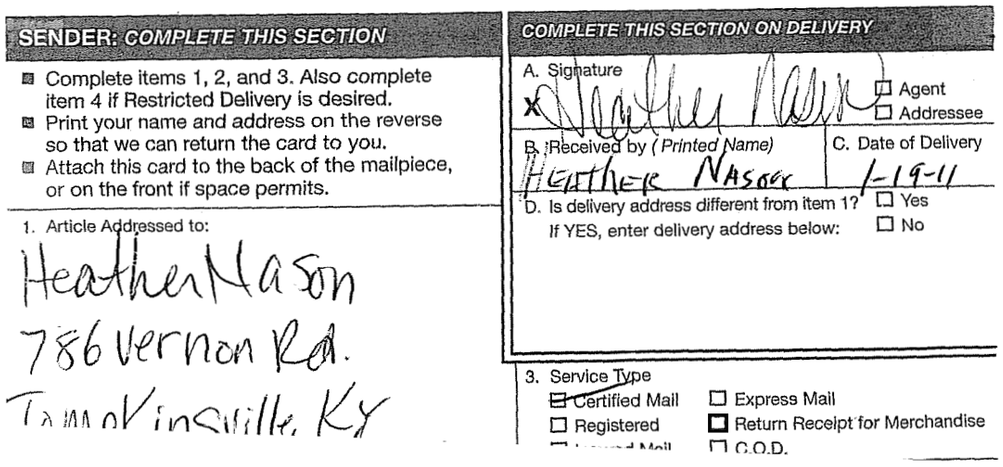
SENDER: COMPLETE THIS SECTION

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Heather Nason
786 Vernon Rd.
Tompkinsville, KY

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Heather Nason ☐ Agent ☐ Addressee

B. Received by (Printed Name) HEATHER NASON
C. Date of Delivery 1-19-11

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
☐ C.O.D.

January 18, 2011

Kenneth and Cathy Walker
718 Vernon Road
Hestand, Kentucky 42151

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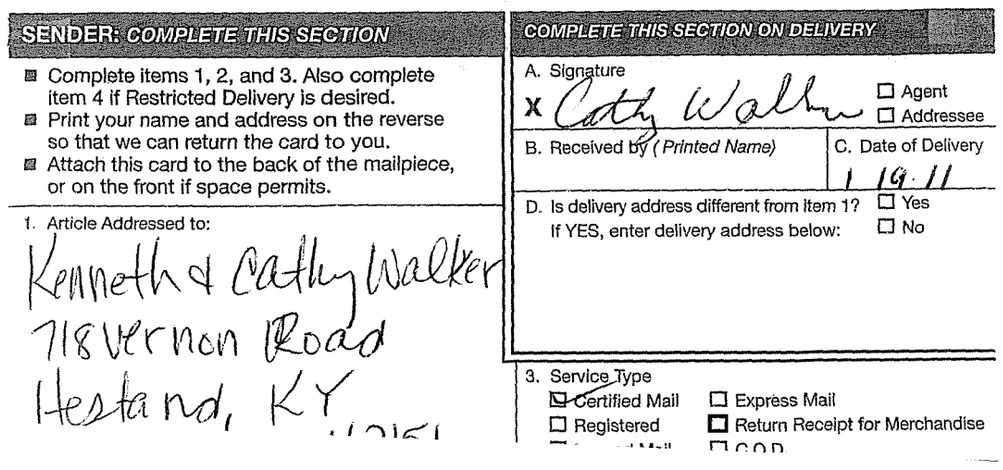

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Kenneth & Cathy Walker
718 Vernon Road
Hestand, KY

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Cathy Walker ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery: 1-19-11

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

January 18, 2011

Ray and Nelda Oliver
495 Vernon Road
Hestand, Kentucky 42151

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Frankfort, Kentucky, 40602.

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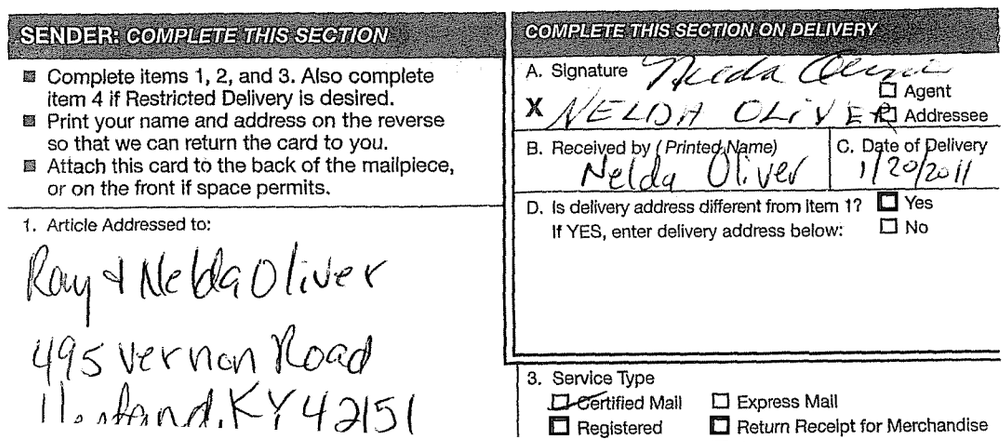

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ray & Nelda Oliver
495 Vernon Road
Hestand, KY 42151

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X NELDA OLIVER ☐ Agent ☐ Addressee

B. Received by (Printed Name) Nelda Oliver

C. Date of Delivery 1/20/2011

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

January 18, 2011

James Russell
1198 Magnolia Street
Tompkinsville, Kentucky 42167

Public Notice

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

Please refer to case number 2011-00012 in your correspondence.

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

UNITED STATES POSTAL SERVICE

Track & Confirm

Search Results

Label/Receipt Number: **7010 1870 0003 0714 7679**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 2:07 pm on January 19, 2011 in TOMPKINSVILLE, KY 42167.

Enter Label/Receipt Number.

Go

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go

7010 1870 0003 0714 7679

CERTIFIED MAIL® RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Hestand

Sent To James Russell

Street, Apt. No.; or PO Box No. 1198 Magnolia Street

City, State, ZIP+4 Tompkinsville, KY 42167

PS Form 3800, August 2006 See Reverse for Instructio

January 18, 2011

Neal Richardson
1400 Vernon Road
Hestand, Kentucky 42151

Public Notice

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

Please refer to case number 2011-00012 in your correspondence.

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

SENDER: COMPLETE THIS SECTION

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- 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:

Neal Richardson
1400 Vernon Rd.
Hestand, KY 42151

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Neal Richardson ☐ Agent ☐ Addressee

B. Received by (Printed Name) Neal Richardson C. Date of Delivery 1-20-11

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

Dinsmore & Shohl LLP
ATTORNEYS
Kerry W. Ingle
502-540-2354
kerry.ingle@dinslaw.com

January 18, 2011

Via Certified Mail
Honorable Tommy Willett
Monroe County Judge Executive
200 N. Main Street, Suite C
P.O. Box 305
Tompkinsville, KY 42167-0305

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 150 H. Spears Road, Hestand, Kentucky 42151, before the Public Service Commission of the Commonwealth of Kentucky, Case No. 2011-00012***

Dear Judge Willett:

Cumberland Cellular Partnership ("Cumberland Cellular") is a Kentucky General Partnership that 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 Monroe County. The facility will include a 240 ft. tower and an equipment shelter to be located at 150 H. Spears Road, Hestand, Kentucky, 42151. 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 2011-00012 in your correspondence.

Very truly yours,

DINSMORE & SHOHL LLP

Kerry W. Ingle
Paralegal

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 Tommy Willett
Monroe County Judge Exec.
200 N. Main Street, Suite C
Tompkinsville, KY
42167-[redacted]

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Sheryl Conkin ☐ Agent ☐ Addressee

B. Received by (Printed Name) Sheryl Conkin | C. Date of Delive

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 Merchandis
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1870 0003 0714 7730

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

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
2802 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 #2011-00012
in your correspondence.


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
2953 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 #2011-00012
in your correspondence.


PUBLIC NOTICE
TOWED


PUBLIC NOTICE
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proposes to
construct a cellular
communications
TOWER
near 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 #2011-00012
in your correspondence.


TOWER


PUBLIC NOTICE
TOWER
Case #2011-00012

THE TOMPKINSVILLE News
Celebrating over 105 years of service to Monroe County

AFFIDAVIT OF PUBLICATION OF NOTICE OF CUMBERLAND CELLULAR PARTNERSHIP

I, Carolyn Jordan, hereby certify that I am the Manager of Finances of the Tompkinsville News, and that said newspaper is the newspaper having the largest bona fide circulation which is published in the City of Tompkinsville, Monroe County, Kentucky, and that said newspaper is meeting the requirements of Sections 424.110 and 424.120 of the Kentucky Revised Statutes for official publications required to be made by the Monroe County Water District.

I certify that the attached copy of a CUMBERLAND CELLULAR PARTNERSHIP APPLIES TO THE PUBLIC SERVICE COMMISSION OF KENTUCKY FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO OPERATE NEW FACILITY is a true copy of said Notice as published in said newspaper on the following dates:

JANUARY 20, 2011
JANUARY 27, 2011

IN TESTIMONY WHEREOF, witness my signature this 27 day of January, 2011.

TOMPKINSVILLE NEWS
By: Carolyn Jordan

Subscribed and sworn to before me on this 27th day of January, 2011.

My commission expires: 11-19-2011

Lidiana Creech
NOTARY PUBLIC

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 (Hestand Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 150 H. Speals Road, Hestand, Kentucky, 42151. 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. 2011-00012 in your correspondence. (012702)

PUBLIC NOTICE

King Drug & Home Care has mailed letters to 13,619 clients regarding a potential breach of their protected health information. The breach occurred on or around November 19, 2010 and was discovered on November 23, 2010. The potential data breach was discovered by the Director of Information Systems when a portable electronic hard drive device was reportedly misplaced by an employee. Upon learning of the incident, a thorough search ensued, but the device was never located. The agency believes the device is permanently lost and probably was discarded in the trash and ultimately buried in the landfill based on the involved employee's activities during the day of occurrence. The breach occurred after files had been downloaded to a portable hard drive as part of the archiving of files from an older electronic filing system that was being replaced with a newer system. The data contained on the device encompassed the time period July 30th, 2009 and older. Client information since July 30th, 2009 was not included in the transfer of files. Information may have included: client's name, date of service, medical record number, account number, Social Security number, race, insurance carrier(s) & number(s), address, phone number, sex, date of birth, diagnosis, allergies if any, initial referral form, patient assessment/plan of care, physician orders and/or delivery ticket information. Pharmacy client records were NOT included in this breach of information incident. The Secretary of the Department of Health and Human Services has been notified by the agency of the incident. The agencies have reviewed all of our electronic security policies and procedures and have made a few revisions accordingly; however, this incident occurred due to one employee's actions, poor judgment and not following existing agency policies. Individuals who receive a letter are advised to monitor all their accounts and bank statements monthly and to check credit reports on a regular basis. Clients were also provided contact information to three (3) three major credit reporting bureaus where they may obtain a free credit report and can also place a fraud alert on their credit report. Anyone with questions or concerns may contact King Drug & Home Care's Privacy Officer by calling toll free 1-877-420-9785, Ext.50, email us at *privacyofficer@kingdrug.com* and/or visit the website *www.kingdrug.com* for updates. The Privacy Officer will respond to all inquiries as quickly as possible. King Drug & Home Care truly regrets and apologizes for this unfortunate incident and wishes to assure its customers we are committed to their care and the security of their health information. (012702)

This week's SUDOKU puzzle

6				5			3	
	5		6			2	1	
			4		8	7	6	
	9	7	5				4	8
	1	5	8	2				
				9	7	3	5	
	6							

widow, by Deed dated July 10, 1992. (020302)

berton St., Tomp
or to Nicholas
155, Tompkinsvi
ney for the Estat

Jo
M

NOTICE – CUMBERLAND CELLULAR PARTNERSHIP

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 (Hestand Cell Site). The facility is a 240 foot tower and an equipment shelter to be located at 150 H. Spears Road, Hestand, Kentucky, 42151. 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. 2011-00012 in your correspondence. (012702)

The deadline for advertising in the Classifieds is Fridays at 4 p.m.

When
BU
HO

Jimmy Gerald's Annua

FARM MACHINERY
CONSIGNMENT AUCT

SATURDAY, JANUARY 22, 2011

9:00 A.M.

LOCATED 3 MILES FROM TOMPKINSVILLE, KY
ON HWY. 63 NORTH (OLD GLASGOW ROAD)

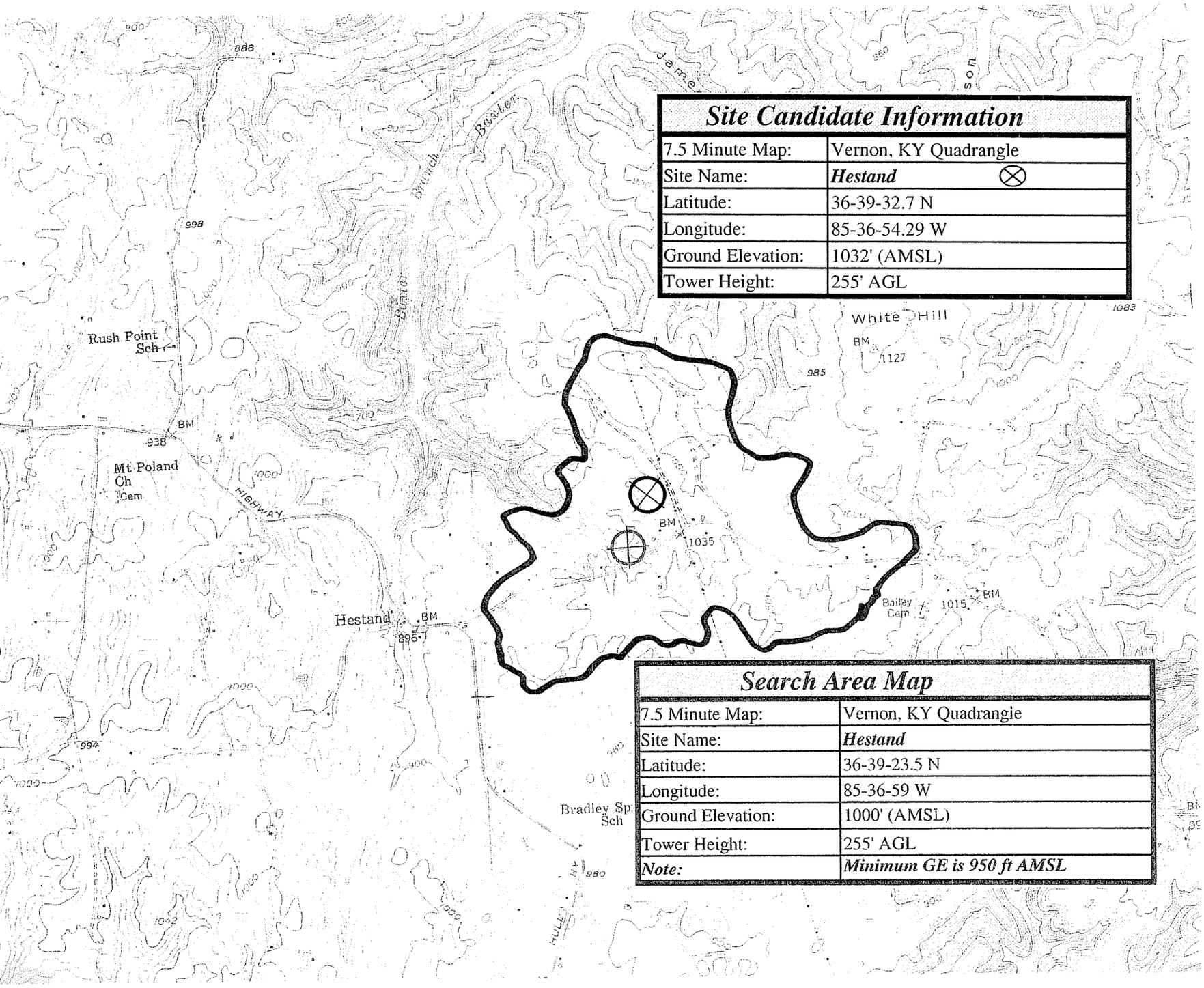
CONSIGNMENTS WILL BE ACCEPTED

MONDAY – FRIDAY, JANUARY 17 - 21 BETWEEN 8 A.M
TO CHECK EQUIPMEN

CALL (270) 427-1120 FROM 8 A.

CONDITIONS

- Sellers will be required to sign consignm
stating free of any and all mortgag
encumbrances – serial numbers tra
payment.



Site Candidate Information	
7.5 Minute Map:	Vernon, KY Quadrangle
Site Name:	***Hestand*** ⊗
Latitude:	36-39-32.7 N
Longitude:	85-36-54.29 W
Ground Elevation:	1032' (AMSL)
Tower Height:	255' AGL

Search Area Map	
7.5 Minute Map:	Vernon, KY Quadrangie
Site Name:	***Hestand***
Latitude:	36-39-23.5 N
Longitude:	85-36-59 W
Ground Elevation:	1000' (AMSL)
Tower Height:	255' AGL
Note:	***Minimum GE is 950 ft AMSL***

Monroe County Boundary

Wireless Tower Locations
Registered with the FCC

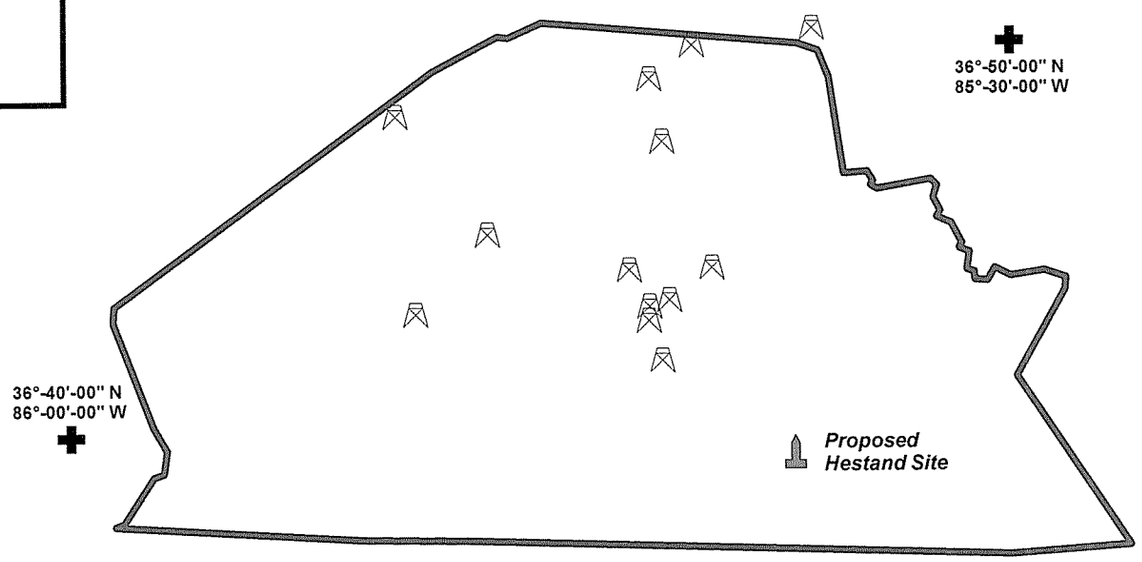
Proposed Tower Location

Tick Marks

Prepared By: LNGS Engineering *12/22/2010*

0 5 10

miles



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

C Tower Reg. No.	North Latitude			West Longitude			City, State	Tower Owner
041300	36	49	56.2	85	40	7.8	Tompkinsville, KY	TEXAS EASTERN COMMUNICATIONS, INC.
042225	36	44	13	85	42	10	Tompkinsville, KY	Global Tower, LLC
043026	36	43	27	85	40	53	Tompkinsville, KY	WHITTIMORE ENTERPRISES INC DBA = WTKY AM FM
043447	36	43	6	85	48	58	Flippen, KY	Estate of J. David Fridley
044822	36	43	17	85	41	31	Tompkinsville, KY	KENTUCKY, COMMONWEALTH OF DBA = KENTUCKY EMERGENCY WARNING SYSTEM KEWS
055079	36	49	5	85	41	30	Glasgow, KY	Somerset Educational Broadcasting Foundation
065560	36	41	54	85	41	7	Tompkinsville, KY	CUMBERLAND CELLULAR PARTNERSHIP DBA = BLUEGRASS CELLULAR
215547	36	48	9.1	85	49	35.8	Mt. Hermon, KY	Cumberland Cellular Partnership
225703	36	42	55.2	85	41	32.9	Tompkinsville, KY	Mediacom Southeast LLC
258492	36	47	29	85	41	6.2	Tompkinsville, KY	Cumberland Cellular Partnership
263385	36	45	8.2	85	46	41.1	Tompkinsville, KY	Cumberland Cellular Partnership
263385	36	45	8.2	36.75	85	46	Tompkinsville, KY	Cumberland Cellular Partnership
273499	36	44	16.2	36.74	85	39	Tompkinsville, KY	Cumberland Cellular Partnership