



1578 Highway 44 East, Suite 6
P.O. Box 369
Shepherdsville, KY 40165-0369
Phone (502) 955-4400 or (800) 516-4293
Fax (502) 543-4410 or (800) 541-4410

July 19, 2005

RECEIVED

JUL 19 2005

PUBLIC SERVICE
COMMISSION

VIA HAND DELIVERY

Kentucky Public Service Commission
Attn: Mr. Jeff Cline
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602-0615

RE: Application to Construct Wireless Communications Facility
Location: 11392 Lexington Road, Lancaster, Kentucky 40444
Applicant: Cellco Partnership, d/b/a Verizon Wireless
Site Name: White Oak
Case No.: 2005-00304

Dear Mr. Cline:

On behalf of our client, Cellco Partnership d/b/a, d/b/a Verizon Wireless, we are submitting the enclosed original and five (5) copies of an Application for Certificate of Public Convenience and Necessity for Construction of a Wireless Communications Facility in an area of Garrard County outside the jurisdiction of a planning commission. We have also enclosed two (2) additional copies of this cover letter. Thank you for your assistance and do not hesitate to contact us if you have any comments or questions concerning this matter.

Sincerely,

A handwritten signature in dark ink, appearing to read "D. Pike".

David A. Pike
Attorney for Cellco Partnership
d/b/a Verizon Wireless

Enclosures

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

RECEIVED

JUL 19 2005

PUBLIC SERVICE
COMMISSION

In the Matter of:

THE APPLICATION OF)	
CELLCO PARTNERSHIP, D/B/A VERIZON WIRELESS)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC)	CASE NO.:2005-00304
CONVENIENCE AND NECESSITY TO CONSTRUCT)	
A WIRELESS COMMUNICATIONS FACILITY AT)	
11392 LEXINGTON ROAD)	
LANCASTER, KENTUCKY 40444)	
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)	
IN THE COMMONWEALTH OF KENTUCKY)	
IN THE COUNTY OF GARRARD)	

SITE NAME: WHITE OAK

**APPLICATION FOR
CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
FOR CONSTRUCTION OF A WIRELESS COMMUNICATIONS FACILITY**

Cellco Partnership, a Delaware General Partnership d/b/a, d/b/a Verizon Wireless (“Applicant”), by counsel, pursuant to (i) KRS §§ 278.020, 278.040, 278.665 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submits this Application requesting issuance of a Certificate of Public Convenience and Necessity (“CPCN”) from the Kentucky Public Service Commission (“PSC”) to construct, maintain, and operate a Wireless Communications Facility (“WCF”) to serve the customers of the Applicant with wireless telecommunications services.

In support of this Application, Applicant respectfully provides and states the following information:

1. The complete name and address of the Applicant:

Cellco Partnership, d/b/a Verizon Wireless

180 Washington Valley Road
Bedminster, New Jersey, 07921

2. Applicant proposes construction of an antenna tower for cellular telecommunications services or personal communications services which is to be located in an area outside the jurisdiction of a planning commission, and Applicant submits the within application to the Commission for a certificate of public convenience and necessity pursuant to KRS §§ 278.020(1), 278.650, and 278.665.

3. Applicant entity is not a corporation and, therefore, the requirements of 807 KAR 5:001(8) and 807 KAR 5:001(9) that applicant submit a certified copy of articles of incorporation is inapplicable.

4. The proposed WCF will serve an area completely within the Applicant's Federal Communications Commission ("FCC") licensed service area in the Commonwealth of Kentucky. A copy of the Applicant's FCC license to provide wireless services is attached to this Application or described as part of **Exhibit A**.

5. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Applicant's services to an area currently not served or not adequately served by the Applicant by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless telecommunications services. The WCF will provide a necessary link in the Applicant's telecommunications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications licensed area. The WCF is an integral link in the Applicant's network design that must be in place to provide adequate coverage to the service area.

6. To address the above-described service needs, Applicant proposes to construct a WCF at 11392 Lexington Road, Lancaster, Kentucky 40444 (37° 44' 35.16" North latitude, 84° 37' 30.17" West longitude), in an area located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by Frazer & Mitzi L. Duncan pursuant to a Deed recorded at Deed Book 116, Page 155 in the office of the Garrard County Clerk. The proposed WCF will consist of a 300-foot tall tower. The WCF will also include concrete foundations to accommodate the placement of the Applicant's proprietary radio electronics equipment. The equipment will be housed in a prefabricated cabinet or shelter that will contain: (i) the transmitting and receiving equipment required to connect the WCF with the Applicant's users in Kentucky, (ii) telephone lines that will link the WCF with the Applicant's other facilities, (iii) battery back-up that will allow the Applicant to operate even after a loss of outside power, and (iv) all other necessary appurtenances. The Applicant's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**. Periodic inspections will be performed on the WCF in accordance with the applicable regulations or requirements of the PSC.

7. A list of competing utilities, corporations, or persons is attached as **Exhibit D**, along with three (3) maps of suitable scale showing the location of the proposed new construction as well as the location of any like facilities located anywhere within the map area, along with a map key showing the owner of such other facilities.

8. The site development plan and a vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Applicant and future antenna mounts, has also been included as part of **Exhibit B**. Foundation design plans and a description of the standards according to which the tower was designed, and which have been signed and sealed by a professional engineer registered in Kentucky, are included as part of **Exhibit C**.

9. Applicant has considered the likely effects of the installation of the proposed WCF on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate Applicant's antennas on an existing structure. Applicant has attempted to co-locate on suitable existing structures such as telecommunications towers or other suitable structures capable of supporting Applicant's facilities, and no other suitable or available co-location site was found to be located in the vicinity of the site. Information regarding the Applicant's efforts to achieve co-location in the vicinity is presented as **Exhibit E**.

10. FAA notice is required for the proposed construction, and lighting or marking requirements may be applicable to this facility. A copy of the Notice of Proposed Construction or Alteration filed by Applicant with the FAA is attached as **Exhibit F**. Upon receiving authorization from the FAA, the Applicant will forward a copy of the determination as a supplement to this Application proceeding.

11. A copy of the Kentucky Airport Zoning Commission ("KAZC") Application for

the proposed WCF is attached as **Exhibit G**. Upon receiving authorization from the KAZC, the Applicant will forward a copy of the determination as a supplement to this Application proceeding.

12. The WCF will be registered with the FCC pursuant to applicable federal requirements. Appropriate required FCC signage will be posted on the site upon receipt of the tower registration number.

13. A geotechnical engineering firm has performed soil boring(s) and subsequent geotechnical engineering studies at the WCF site. A copy of the geotechnical engineering report and evaluation, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky, is attached as **Exhibit H**. The name and address of the geotechnical engineering firm and the professional engineer registered in the Commonwealth of Kentucky who supervised the examination of this WCF site are included as part of this exhibit.

14. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and telephone number of the preparer of **Exhibit I** is included as part of this exhibit.

15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**. Also included as part of **Exhibit J** is the portion of the full agreement demonstrating that in the case of abandonment a method is provided to dismantle and remove the cellular antenna tower, including a timetable for removal.

16. Personnel directly responsible for the design and construction of the proposed WCF are well qualified and experienced. Central Tower ("Tower Manufacturer") performed the tower and foundation design. The tower and foundation drawings for the proposed tower submitted as part of **Exhibit C** bear the signature and stamp of W. Gay Hodge, a professional engineer registered in the Commonwealth of Kentucky. All tower designs meet or exceed applicable laws and regulations.

17. The Project Manager and Contractor for the proposed facility is Cellco Partnership, and the identity and qualifications of each person directly responsible for construction of the proposed tower are contained in the attached letter submitted as part of **Exhibit C**.

18. Based on a review of Federal Emergency Management Agency Flood Insurance Rate Maps, the registered land surveyor has noted in **Exhibit B** that the proposed WCF is not located within any flood hazard area.

19. The possibility of high winds has been considered in the design of this tower. The tower has been designed and engineered by professional engineers using computer assistance and the same accepted codes and standards as are typically used for high-rise building construction. The tower design is in accordance with ANSI/EIA-222-F standards, for a wind load of 75 m.p.h. basic wind speed with 1/2" radial ice.

20. The site development plan signed and sealed by a professional engineer registered in Kentucky was prepared by John J. Zimmermann. The site survey was performed by Frank L. Sellinger. Page C-1 of **Exhibit B** is drawn to a scale of no less than one (1) inch equals 200 feet, and identifies every owner of real estate within 500 feet

proposed tower (according to the records maintained by the County Property Valuation Administrator). Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is illustrated in **Exhibit B**.

21. Applicant has notified every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been given the docket number under which the proposed Application will be processed and has been informed of their right to request intervention. A list of the nearby property owners who received the notices, together with copies of the certified letters, are attached as **Exhibit K** and **Exhibit L**, respectively.

22. Applicant has notified the Garrard County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the Garrard County Judge/Executive of his/her right to request intervention. A copy of this notice is attached as **Exhibit M**.

23. Two notice signs meeting the requirements prescribed by 807 KAR 5:063 measuring at least two (2) feet in height and four (4) feet in width with all required language in letters of required height have been posted in a visible location on the proposed site and on the nearest public road. Such signs shall remain posted for at least two (2) weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit N**. Notice of

the location of the proposed facility has also been published in a newspaper of general circulation in the county where the WCF is located.

24. The general area where the proposed facility is to be located is rural farmland. There are no residential structures located within a 500-foot radius of the proposed tower location.

25. The process that was used by the Applicant's radio frequency engineers in selecting the site for the proposed WCF was consistent with the general process used for selecting all other existing and proposed WCF facilities within the proposed network design area. Applicant's radio frequency engineers have conducted studies and tests in order to develop a highly efficient network that is designed to serve the Federal Communications Commission licensed service area. The engineers determined an optimum area for the placement of the proposed facility in terms of elevation and location to provide the best quality service to customers in the service area. A radio frequency design search area prepared in reference to these radio frequency studies was considered by the Applicant when searching for sites for its antennas that would provide the coverage deemed necessary by the Applicant. Before beginning the site acquisition process, Applicant carefully evaluated locations within the search area for co-location opportunities on existing structures, and no suitable towers or other existing tall structures were found in the immediate area that would meet the technical requirements for the element of the telecommunications network to be provided by the proposed facility. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should be located pursuant to radio frequency

requirements is attached as **Exhibit O**.

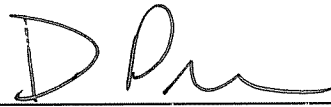
26. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

27. All responses and requests associated with this Application may be directed to:

David A. Pike
Pike Legal Group, PLLC
1578 Highway 44 East, Suite 6
P. O. Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410

WHEREFORE, Applicant respectfully request that the PSC accept the foregoing Application for filing, and having met the requirements of KRS §§ 278.020(1), 278.650, and 278.665 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein.

Respectfully submitted,



David A. Pike
Pike Legal Group, PLLC
1578 Highway 44 East, Suite 6
P. O. Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
Attorney for Cellco Partnership
d/b/a Verizon Wireless

LIST OF EXHIBITS

- A - FCC License Documentation
- B - Site Development Plan:
 - 500' Vicinity Map
 - Legal Descriptions
 - Flood Plain Certification
 - Site Plan
 - Vertical Tower Profile
- C - Tower and Foundation Design
- D - Competing Utilities, Corporations, or Persons List and Map of Like Facilities in Vicinity
- E - Co-location Report
- F - Application to FAA
- G - Application to Kentucky Airport Zoning Commission
- H - Geotechnical Report
- I - Directions to WCF Site
- J - Copy of Real Estate Agreement
- K - Notification Listing
- L - Copy of Property Owner Notification
- M - Copy of County Judge/Executive Notice
- N - Copy of Posted Notices
- O - Copy of Radio Frequency Design Search Area

EXHIBIT A
FCC LICENSE DOCUMENTATION

**Federal Communications Commission
Wireless Telecommunications Bureau**

Radio Station Authorization (Reference Copy Only)

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.

Licensee: Cellco Partnership

ATTN Regulatory
Cellco Partnership
One Verizon Place (MC: GA3B1REG)
Alpharetta, GA 30004-8511

FCC Registration Number (FRN): 0003290673	
Call Sign: KNLH256	File Number:
Radio Service: CW - PCS Broadband	

Grant Date 04/28/1997	Effective Date 08/27/2003	Expiration Date 04/28/2007	Print Date 07/18/2005
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

Market Number: BTA252	Channel Block: F	Sub-Market Designator: 0
Market Name: Lexington, KY		

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
04/28/2002			

Special Conditions or Waivers/Conditions This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

Conditions
Pursuant to Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. Section 309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. Section 310(d). This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended. See 47 U.S.C. Section 706.

A graphical representation of the geographic area authorized to this call sign may be generated by selecting 'License Search' at the following web address: <http://www.fcc.gov/wtb/uls/>.

EXHIBIT B

SITE DEVELOPMENT PLAN:

**500' VICINITY MAP
LEGAL DESCRIPTIONS
FLOOD PLAIN CERTIFICATION
SITE PLAN
VERTICAL TOWER PROFILE**

EXHIBIT C
TOWER AND FOUNDATION DESIGN

MEMBER CHART

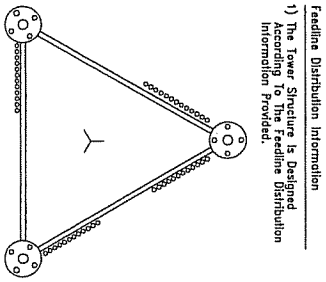
SECTION	ELEVATION	FACE SIZE	LEGS	GIRTS		CLIMBING	SECTION WEIGHT (lbs.)
				DIAGONALS	HORIZONTALS		
A	0' - 20'	25.00' - 23.39'	5-1/4	L 4 x 4 x 5/16	N/A	NOTE: 3	9000
B	20' - 40'	23.39' - 21.77'	5	L 4 x 4 x 1/4	N/A	NOTE: 3	7575
C	40' - 60'	21.77' - 20.15'	5	L 3-1/2 x 3-1/2 x 5/16	N/A	NOTE: 3	7475
D	60' - 80'	20.15' - 18.54'	4-3/4	L 3-1/2 x 3-1/2 x 1/4	N/A	NOTE: 3	6375
E	80' - 100'	18.54' - 16.92'	4-1/2	L 3-1/2 x 3-1/2 x 1/4	N/A	NOTE: 3	5825
F	100' - 120'	16.92' - 15.31'	4-1/2	L 3 x 3 x 1/4	N/A	NOTE: 3	5400
G	120' - 140'	15.31' - 13.69'	4-1/4	L 3 x 3 x 1/4	N/A	NOTE: 3	4900
H	140' - 160'	13.69' - 12.08'	4	L 3 x 3 x 3/16	N/A	NOTE: 3	4050
I	160' - 180'	12.08' - 10.46'	4	L 2-1/2 x 2-1/2 x 1/4	N/A	NOTE: 3	3925
J	180' - 200'	10.46' - 8.85'	3-3/4	L 2-1/2 x 2-1/2 x 3/16	N/A	NOTE: 3	3325
K	200' - 220'	8.85' - 7.23'	3-1/2	L 2-1/2 x 2-1/2 x 3/16	N/A	NOTE: 3	2950
L	220' - 240'	7.23' - 5.62'	3-1/4	L 2 x 2 x 3/16	N/A	NOTE: 3	2500
M	240' - 260'	5.62' - 4.00'	3	L 2 x 2 x 3/16	N/A	NOTE: 3	2200
N	260' - 280'	4.00'	2	3/4 S.R.	3/4 S.R.	NOTE: 3	1150
O	280' - 300'	4.00'	1-3/4	5/8 S.R.	3/4 S.R.	NOTE: 3	850

ANTENNA INFORMATION

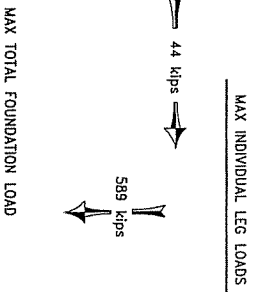
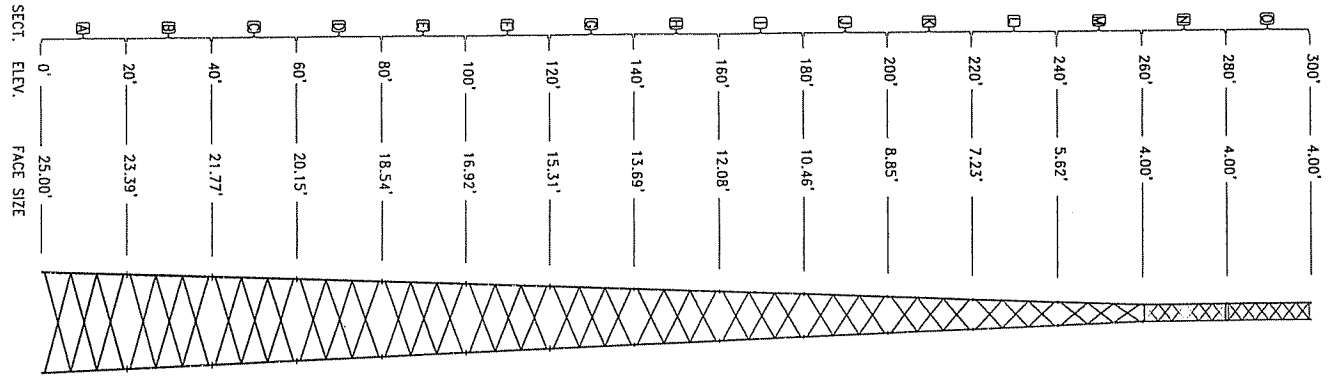
ANTENNA	ELEVATION	LINE
(12) LPA-185090	@ 300'	1-5/8
(12) SC9014	@ 280'	1-5/8
(12) SC9014	@ 260'	1-5/8
(12) SC9014	@ 240'	1-5/8
(1) 8' MW PARABOLIC DISH	@ 220'	1-5/8

DESIGN & DRAWING NOTES:

- SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION.
- TOWER STRUCTURE IS DESIGNED IN ACCORDANCE WITH ANSI/EIA-222-F STANDARDS FOR A BASIC WIND SPEED OF 75 MPH WITH 1/2" ICE.
- TOWER DESIGNED FOR STEP BOLTS AND CLIP-ON WAYGUIDE LADDERS
- SECTION A - M ARE 3-BAY X-BRACED
- SECTIONS N - O ARE 6-BAY X-BRACED
- ALL LEG & LEG FLANGE PL MATERIAL IS ASTM A-572 GRADE 50 (FY ≥ 50 KSI).
- OTHER MATERIAL IS ASTM A56 (FY ≥ 50 KSI).
- ANCHOR BOLTS REQUIRED PER LEG.



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



REV. #	DESCRIPTION	DATE	APP.	DESIGN	DATE

TOLERANCES:
 ANGLES ± .2°
 DIMENSIONS ± .005"
 HOLE DIMENSIONS ± .005"
 HOLE LOCATIONS ± .010"

THIRD ANGLE PROJECTION
 CONFORMING TO THE FIRST ANGLE PROJECTION SYSTEM.
 THIS DRAWING IS THE PROPERTY OF CENTRAL TOWER FABRICATING COMPANY.
 IT IS TO BE USED SOLELY FOR THE PROJECT SPECIFIED HEREON.
 IT IS TO BE RETURNED TO THE COMPANY IMMEDIATELY UPON COMPLETION OF THE PROJECT.
 ANY REUSE OR REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF CENTRAL TOWER FABRICATING COMPANY IS STRICTLY PROHIBITED.

ANTENNA INFORMATION
 (12) LPA-185090 @ 300'
 (12) SC9014 @ 280'
 (12) SC9014 @ 260'
 (12) SC9014 @ 240'
 (1) 8' MW PARABOLIC DISH @ 220'

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 7) OTHER MATERIAL IS ASTM A56 (FY ≥ 50 KSI).
 8) ANCHOR BOLTS REQUIRED PER LEG.

ELEVATION VIEW & MEMBER INFORMATION
 WHITE OAK - 2 PCS, KY.
 DWG. NO. CT2525-1 (17682)
 DO NOT SCALE DRAWING

CENTRAL TOWER FABRICATING COMPANY
 PH# (612) 853-0555
 FAX# (612) 853-6652
 2855 HIGHWAY 261
 NEWBURGH, IN. 47630

PAD

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#9 GRADE 60	42'	172	7224'

PIER (verts) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#7 GRADE 60	6' - 8"	111	740'

PIER (ties) (Total for 3 Piers)

REBAR SIZE	REBAR LENGTHS	# OF REBAR	TOTAL FT. REQ'D
#4 GRADE 60	42" ϕ	27	297'

APPROXIMATE CONCRETE REQ'D = 142-3/4 yd³

REBAR SPlicing CHART

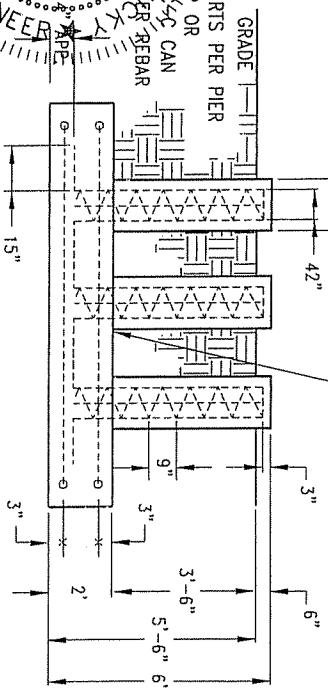
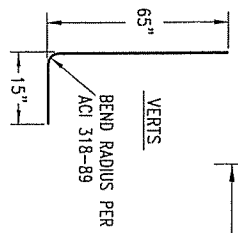
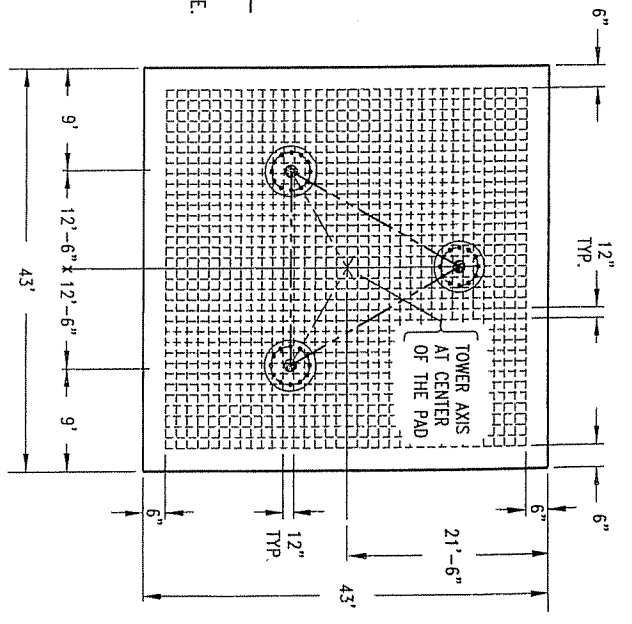
BAR SIZE	SPlice LENGTH
3	15"
4	17"
5	21"
6	26"
7	30"
8	36"
9	46"
10	58"
11	71"

SPlicing NOTES:

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

NOTES:

- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND ACI318.
- 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-99 AND ANSI/EIA-222-F STANDARDS UTILIZING THE SOILS REPORT PREPARED BY FSIon, DATED 1-5-05, PROJECT# 04-2784. A COPY SHALL BE PROVIDED TO THE FOUNDATION CONTRACTOR. SOIL CONDITIONS THAT DIFFER FROM THOSE DESCRIBED IN THE REPORT SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER/INSPECTOR. ALL COMMENTS OR RECOMMENDATIONS REGARDING CONSTRUCTION TESTING OR CONSTRUCTION MONITORING SHALL BE STRICTLY FOLLOWED.
- 3) ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS. CYLINDERS SHALL BE PROPERLY CAST WITH COPIES OF THE TEST REPORTS GOING TO THE RESIDENT ENGINEER/INSPECTOR.
- 4) ALL ADMIXTURES MUST BE ADDED SEPARATELY INTO FRESH CONCRETE AND SUFFICIENTLY MIXED. A NON-CORROSIVE CONCRETE SET ACCELERATE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE C. A WATER REDUCING ADMIXTURE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE A.
- 5) ALL BACKFILL SHALL BE PLACED IN 9 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AS MEASURED BY ASTM D-698 UNLESS MORE STRINGENT COMPACTION IS REQUIRED BY THE SOIL REPORT.
- 6) MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- 7) CROWN TOP OF PIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- 8) LIMESTONE MAY BE ENCOUNTERED.



(37) PCS #7 VERTS PER PIER
 #5 SPIRAL WRAP OR
 #40TES (65" x 42" CAN
 BE USED FOR REBAR
 W. GRAY
 HODGE
 NO. 14,555
 STATE OF KENTUCKY
 PROFESSIONAL ENGINEER
 LICENSE NO. 10010

REV. #	DESCRIPTION	DATE	APP. A.M.W.L.	DATE	DRWING NO.	REV

TOLERANCES
 3/32" ANGLES, 7/32" DRILLED HOLES 1/16"
 1/16" 3/16" 1/8" DRILLED HOLES 1/16"

BASE FOUNDATION DESIGN (OPTION #1)
 WHITE OAK - 2 PCS, KY.

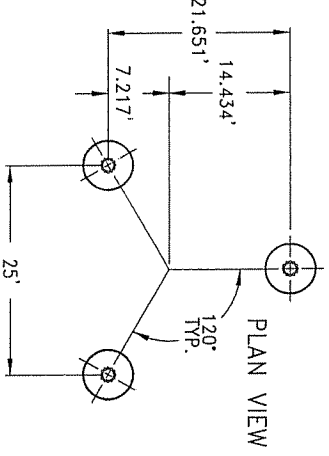
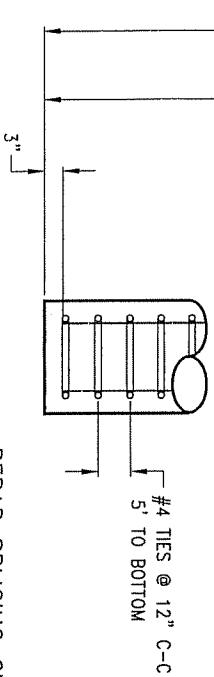
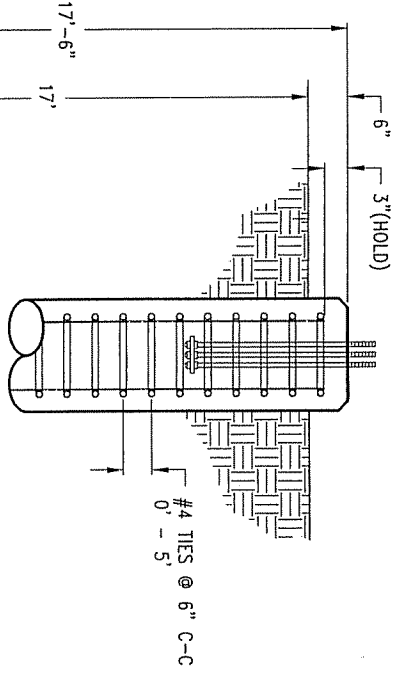
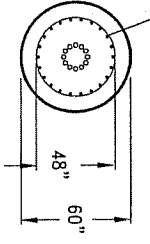
CT2525-F1 (17682)

DO NOT SCALE DRAWING

CENTRAL TOWER
 17682
 NEWBURN, IN. 47530

RAY (812) 853-0995
 2864 (812) 853-8552
 NEWBURN, IN. 47530

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



REBAR SPlicing CHART

BAR SIZE	SPlice LENGTH
3	15"
4	17"
5	21"
6	26"
7	30"
8	36"
9	46"
10	58"
11	71"

SPlicing NOTES:

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

REBAR CHART (1)-CAISSON

REBAR	REBAR SIZE	REBAR LENGTHS	REBAR DIA.	PCS. OF REBAR	TOTAL FT.
VERTS	#9 GRADE 60	17'	N/A	34	578'
TIES	#4 GRADE 60	N/A	48" ϕ	22	277'

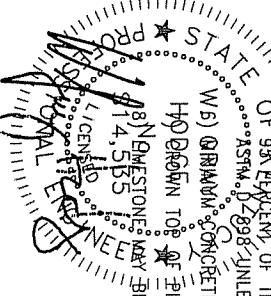
REBAR CHART (3)-CAISSONS

REBAR	REBAR SIZE	REBAR LENGTHS	REBAR DIA.	PCS. OF REBAR	TOTAL FT.
VERTS	#9 GRADE 60	17'	N/A	102	1734'
TIES	#4 GRADE 60	N/A	48" ϕ	66	831'

APPROXIMATE CONCRETE REQ'D PER CAISSON = 13 YD³
TOTAL CONCRETE = 39 YD³

NOTES:

- 1) ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 AND ACI318.
 - 2) THIS FOUNDATION IS DESIGNED TO CONFORM ACI 318-99 AND ANSI/EIA-222-F STANDARDS UTILIZING THE SOILS REPORT PREPARED BY FISH, DATED 1-5-05, PROJECT# 04-2784. A COPY SHALL BE PROVIDED TO THE FOUNDATION CONTRACTOR. SOIL CONDITIONS THAT DIFFER FROM THOSE DESCRIBED IN THE REPORT SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER/INSPECTOR. ALL COMMENTS OR RECOMMENDATIONS REGARDING CONSTRUCTION TESTING OR CONSTRUCTION MONITORING SHALL BE STRICTLY FOLLOWED.
 - 3) ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS. CYLINDERS SHALL BE PROPERLY CAST WITH COPIES OF THE TEST REPORTS GOING TO THE RESIDENT ENGINEER/INSPECTOR.
 - 4) ALL ADMIXTURES MUST BE ADDED SEPARATELY INTO FRESH CONCRETE AND SUFFICIENTLY MIXED. A NON-CORROSIVE CONCRETE SET ACCELERATOR MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE C. A WATER REDUCING ADMIXTURE MAY BE UTILIZED IN COMPLIANCE WITH ASTM 494 TYPE A.
- ALL BACKFILL SHALL BE PLACED IN 9 INCH LIFTS AND COMPACTED TO A MINIMUM OF 98% DENSITY OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AS MEASURED BY ASTM D-2938 UNLESS MORE STRINGENT COMPACTION IS REQUIRED BY THE SOIL REPORT.
- MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- HO BROWN TOP OF TIER FOR DRAINAGE AND CHAMFER ALL EXPOSED CONCRETE EDGES 1 INCH.
- W/B RIMMERS CONCRETE COVER MAY BE ENCOUNTERED.
- QUESTIONS MAY BE ENCOUNTERED.



REV. #	DESCRIPTION	DATE	APP. DRAWN	DATE
1		1-14-05		

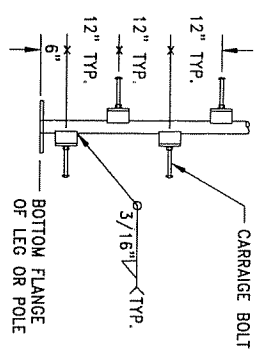
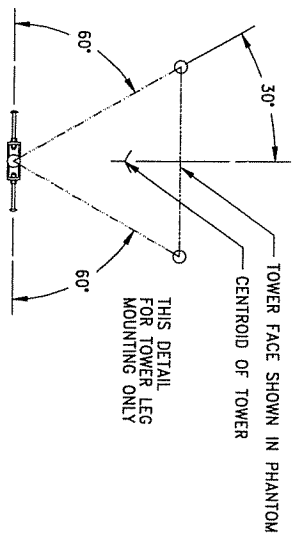
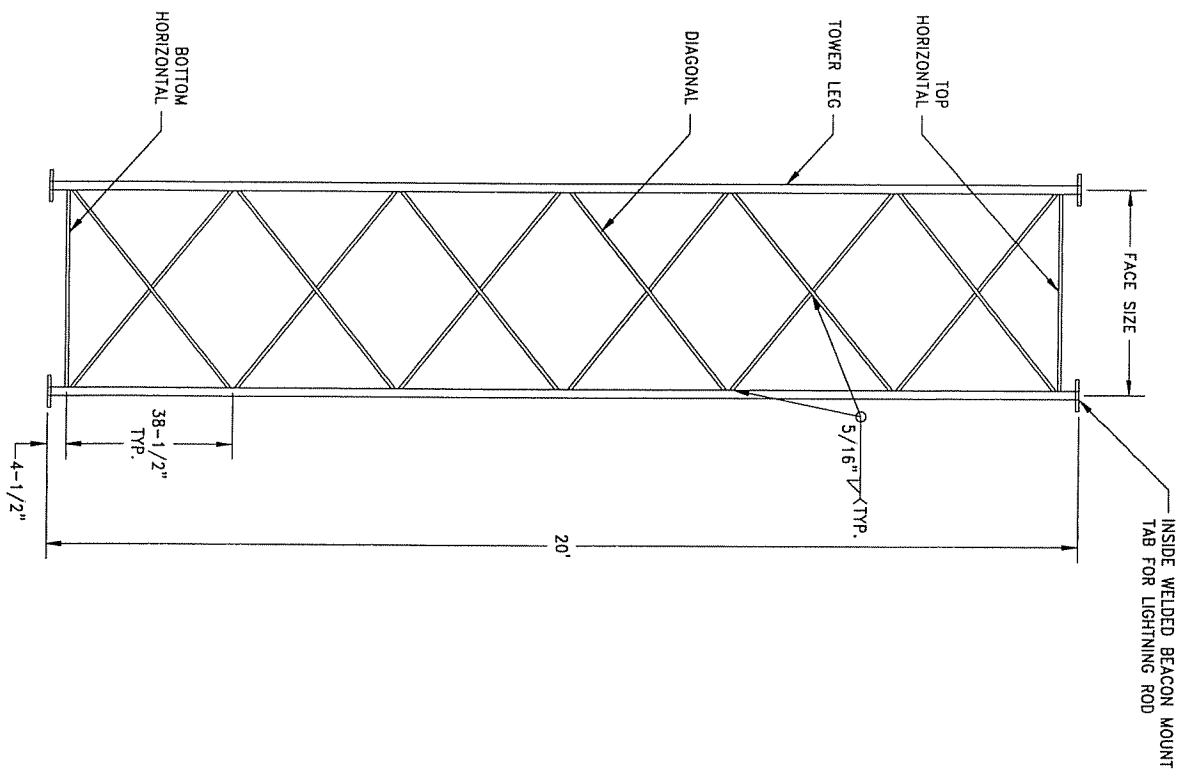
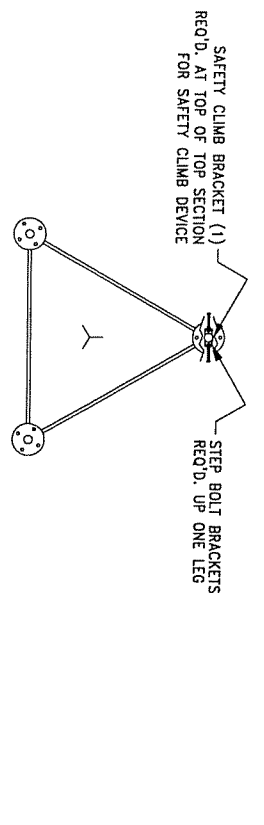
TOLERANCES	UNLESS OTHERWISE NOTED
±.005	±.005
±.010	±.010
±.015	±.015
±.020	±.020
±.030	±.030
±.040	±.040
±.050	±.050
±.060	±.060
±.070	±.070
±.080	±.080
±.090	±.090
±.100	±.100
±.120	±.120
±.150	±.150
±.200	±.200
±.250	±.250
±.300	±.300
±.400	±.400
±.500	±.500
±.600	±.600
±.700	±.700
±.800	±.800
±.900	±.900
±1.000	±1.000
±1.200	±1.200
±1.500	±1.500
±2.000	±2.000
±2.500	±2.500
±3.000	±3.000
±4.000	±4.000
±5.000	±5.000
±6.000	±6.000
±7.000	±7.000
±8.000	±8.000
±9.000	±9.000
±10.000	±10.000

TITLE	DATE
CAISSON FOUNDATION DESIGN (OPTION #2)	1-14-05

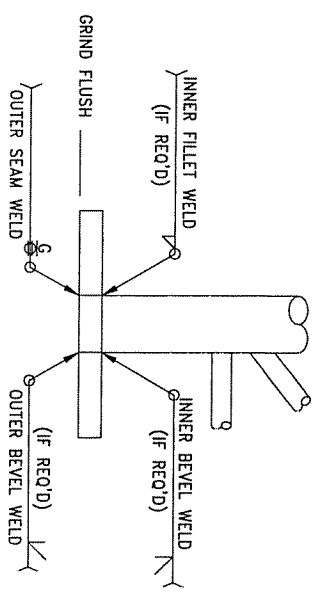
DWG NO.	REV
CT2525-F2 (17682)	0

PH# (812) 853-0995	724# (812) 853-0652
524# (812) 853-0652	NEWBERRY, IN. 47630

DO NOT SCALE DRAWING



FLANGE WELD DETAIL
(SEE FLANGE CHART FOR WELD SIZES)



- SECTION NOTES:
- 1) SEE MEMBER CHART FOR APPROPRIATE SECTION LABEL, LEG & INNER MEMBER SIZE.
 - 2) SEE FLANGE CHART FOR APPROPRIATE FLANGE SIZE.
 - 3) SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION

REV. #	DESCRIPTION	DATE	APP.	CHKD BY	DATE

THIRD ANGLE PROJECTION	CONSTANT CONVENTIONAL INFORMATION	TOLERANCES	UNITED DIMENSIONS
IF IS TO BE USED SOLELY FOR THE DESIGN OF THIS PROJECT, IT IS TO BE USED SOLELY FOR THE DESIGN OF THIS PROJECT AND NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF THE PROJECT MANAGER.	IF IS TO BE USED SOLELY FOR THE DESIGN OF THIS PROJECT, IT IS TO BE USED SOLELY FOR THE DESIGN OF THIS PROJECT AND NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF THE PROJECT MANAGER.	.X± 3/32" ANGLES ± .XX± 3/32" DIMED HOLE ± 1/32" .XXX± 1/16" BURNED HOLE ± 1/16"	SPECIFIED DIMENSIONS ARE IN: INCHES

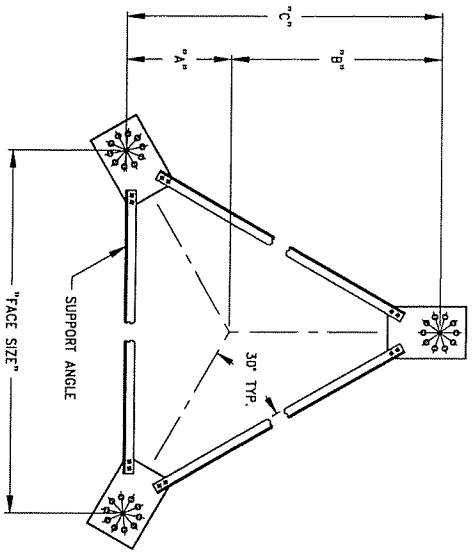
PH# (812) 833-0995	REV#
FAX# (812) 833-6552	0
2855 HIGHWAY 261	
NEWBURGH, IN. 47630	

WELDED SECTION DETAILS

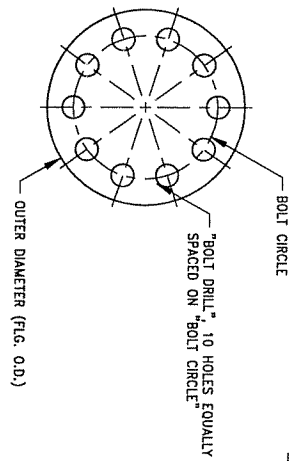
CENTRAL TOWER
L. J. B. ENGINEERING COMPANY

STNDPG-(2)

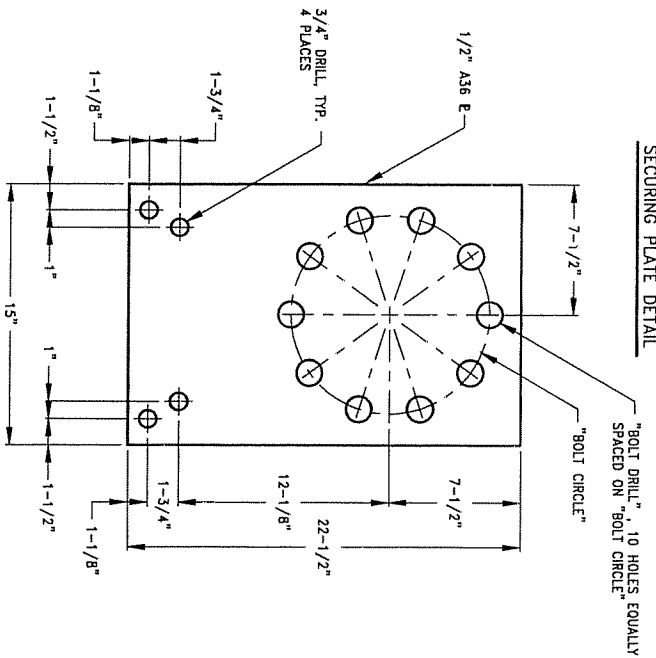
TEMPLATE ASSEMBLY



BEARING PLATE DETAIL

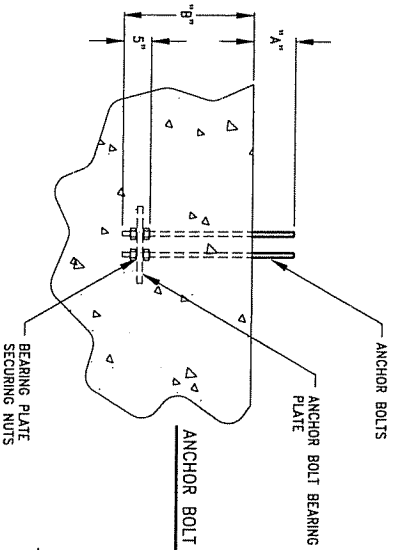


SECURING PLATE DETAIL

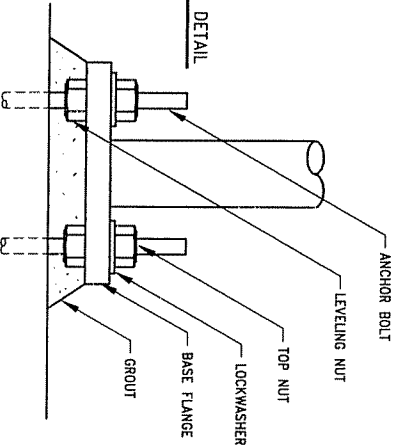


ANCHOR BOLT INSTALLATION NOTES:

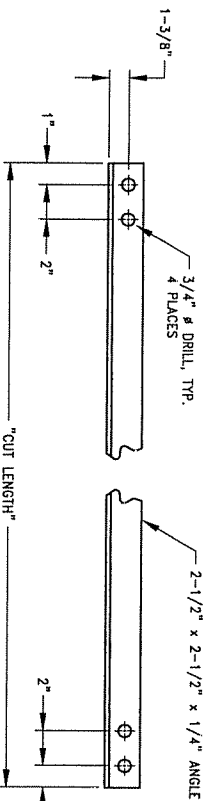
- 1) POSITION AND ATTACH ANCHOR BOLT ASSEMBLIES IN TEMPLATE.
- 2) SECURE ANCHOR BOLTS AND REBAR IN FORMS BEFORE POURING CONCRETE.
- 3) SET TOWER USING LEVELING NUTS TO PLUMB.
- 4) AFTER LEVELING, GROUT UNDER FLANGES USING HIGH STRENGTH NONSHRINKING GROUT.



ANCHOR BOLT DETAIL



SUPPORT ANGLE DETAIL



REV. #	DESCRIPTION	DATE	APP.	DESIGN	DATE
			R.E.H.		2-8-94
			CHECK		
			APPROVAL		

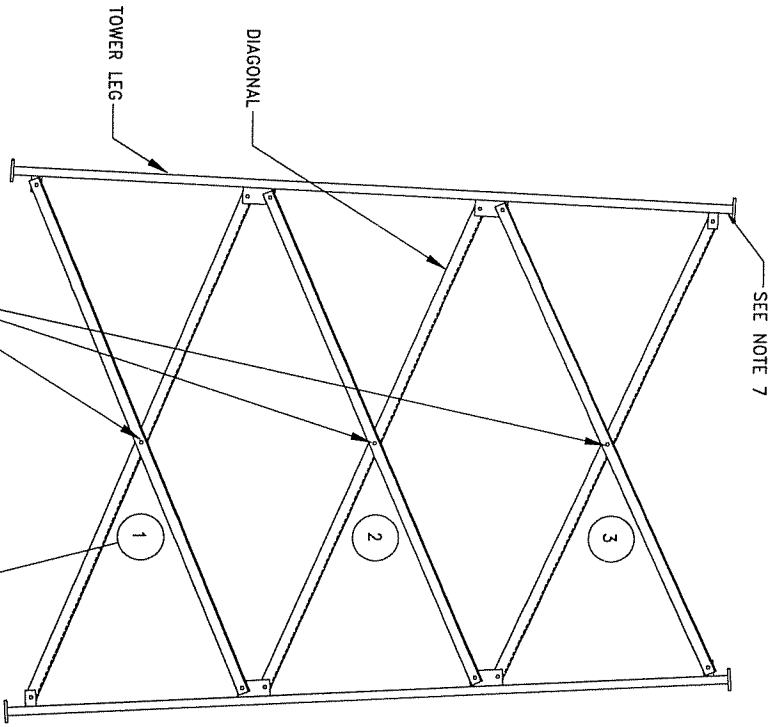
<p>COMPANY CONFIDENTIAL INFORMATION IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED AND IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF SPX CORPORATION</p>		<p>TOLERANCES X.XX 3/32" ANGLES 2° XXX 3/32" DRILLED HOLES #1/8" XXX 1/16" BORED HOLES #1/16"</p>		<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p>	
<p>10-HOLE TEMPLATE DESIGN</p>		<p>DWG NO. 10-TMPLET</p>		<p>REV 0</p>	

CENTRAL TOWER
A WAREHOUSE COMPANY

PH# (812) 853-0555
FAX (812) 853-0552
2855 HIGHLAND AVE.
NEWBURGH, IN. 47630

DO NOT SCALE DRAWING

3-BAY SECTION ASSEMBLY
STANDARD TAPERED FACE



SEE NOTE 7

STANDARD FACE DOUBLE ANGLE CONNECTIONS

DIAGONAL

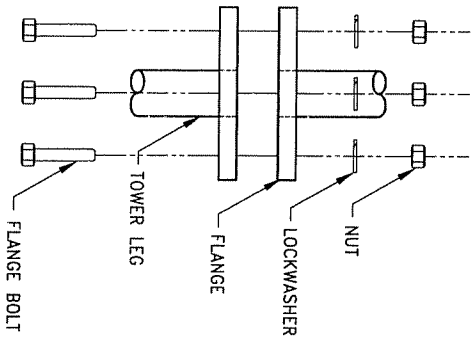
TOWER LEG

NUMBERING SYSTEM IS PROVIDED FOR INNER MEMBERS TO ENSURE PROPER INSTALLATION : (JOB NO. - C - 1)

JOB NO.

SECTION C LOCATION 1

FLANGE CONNECTION DETAIL



FLANGE BOLT

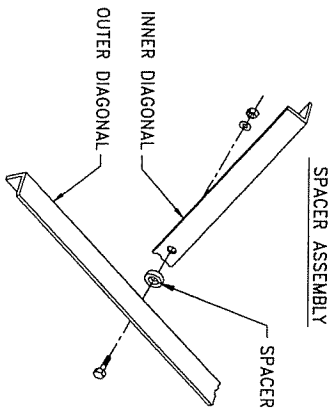
TOWER LEG

FLANGE

LOCKWASHER

NUT

SPACER ASSEMBLY



INNER DIAGONAL

OUTER DIAGONAL

SPACER

NOTES:

- 1) ALL LADDER FACES OR CLIMBING LEGS ON ALL SECTIONS MUST BE ALIGNED TOGETHER.
- 2) SOME DETAIL HAS BEEN OMITTED FOR CLARITY OF ILLUSTRATION.
- 3) SEE SHIPMENT LIST FOR BOLT SIZES & LOCATIONS.
- 4) ALL INNER MEMBER CONNECTIONS ARE SINGLE ANGLE CONNECTIONS UNLESS NOTED OTHERWISE.
- 5) DIAGONAL INSTALL INSTRUCTIONS: INSIDE DIAGONALS TO BE INSTALLED FIRST. OUTSIDE DIAGONALS TO BE INSTALLED SECOND. BOLTS ARE TO BE INSTALLED FROM THE INSIDE OF THE TOWER SO THAT THE THREADS ARE PROTRUDING TOWARDS THE OUTSIDE OF THE TOWER FACE.
- 6) IN CASE OF CLEARANCE PROBLEMS THE DIRECTION OF BOLT CAN BE CHANGED FROM (INSIDE TO OUT) TO (OUTSIDE TO IN).
- 7) SECTION LABELING SYSTEM IS TO BE USED FOR PROPER IDENTIFICATION OF ALL SECTIONS AND TO ENSURE PROPER INSTALLATION. LEG MEMBERS WILL BE STAMPED WITH APPROPRIATE SECTION LETTER AT TOP OF LEG.

REV. #	DESCRIPTION	DATE	APP.	BRNWN	DATE
				R. E. H.	5-27-87
				CHEK	
				APPROVAL	

TOLERANCES
DIMENSIONS
HOLE DIA.
INCHES

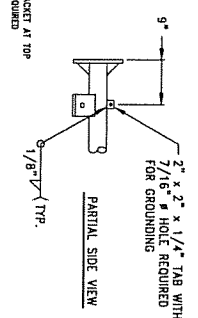
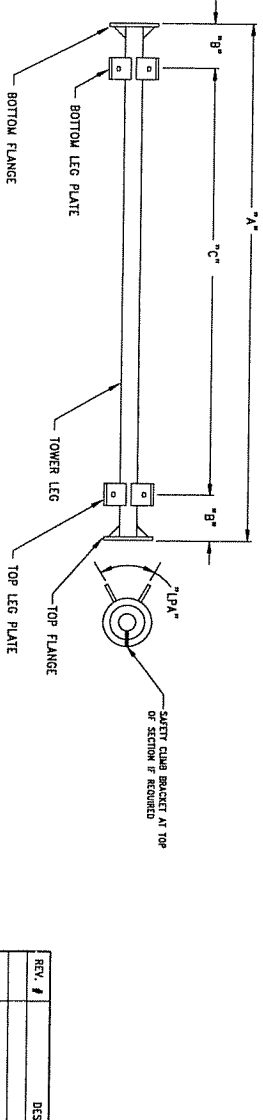
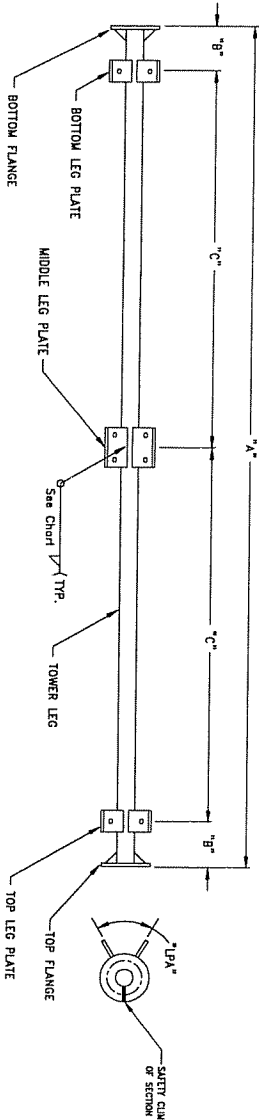
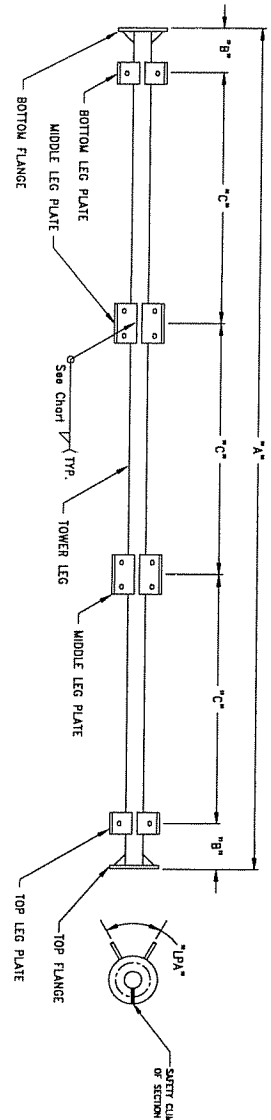
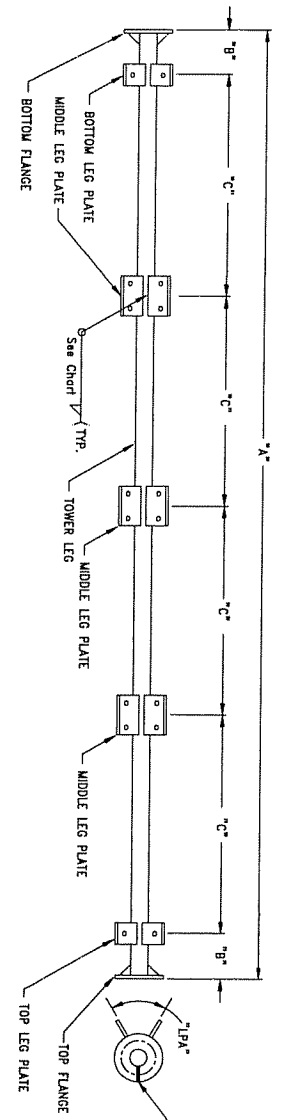
3-BAY-T-X INSTALLATION DRAWING

DWG. NO. 3-BAY-T-IND

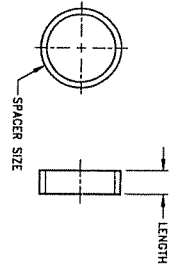
REV 0

PH# (812) 853-0595
FAX# (812) 853-6682
2855 HIGHWAY 281
NEWBURGH, IN. 47630

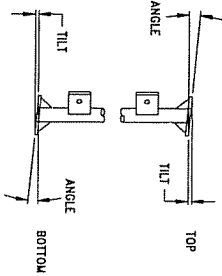
LEG DETAIL



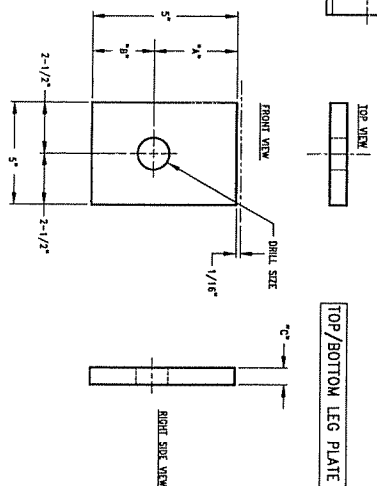
SPACER DETAIL



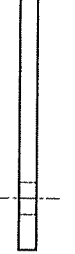
FLANGE ANGLE DETAIL



TOP/BOTTOM LEG PLATE DETAIL S



TOP VIEW

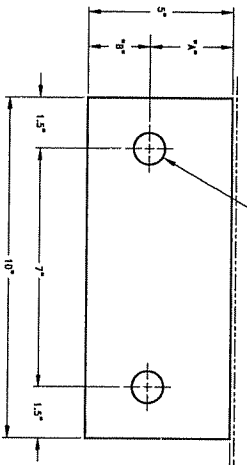


MIDDLE LEG PLATE DETAIL D

FRONT VIEW



RIGHT SIDE VIEW



NOTE: EDGE OF TOWER LEG IS REPRESENTED BY PHANTOM LINE.

REV. #	DESCRIPTION	DATE	APP.	BAZM	DATE
1					
2					
3					
4					
5					

CENTRAL TOWER
LEG WELD ASSEMBLY & SPACER DETAILS

PH# (812) 853-6555
 FAX# (812) 853-6552
 2855 HIGHWAY 251
 NEWBURGH, IN. 47630

DWG NO. XB 1-4 BAY SR
 REV 0

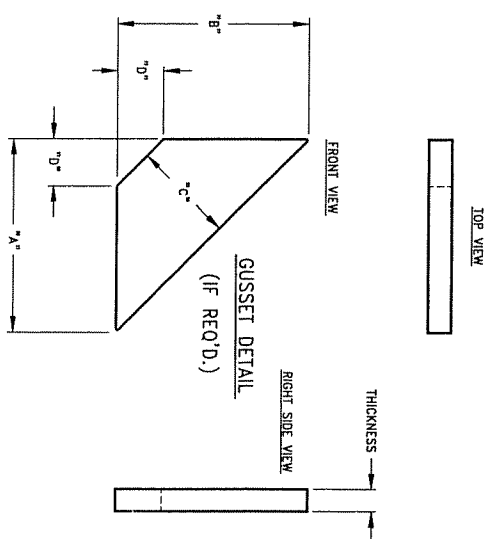
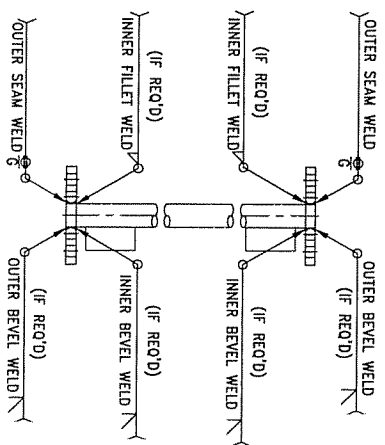
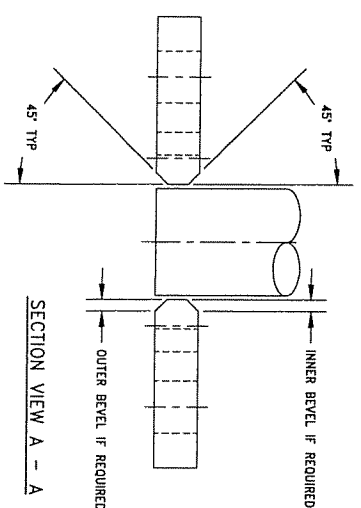


TOLERANCES
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

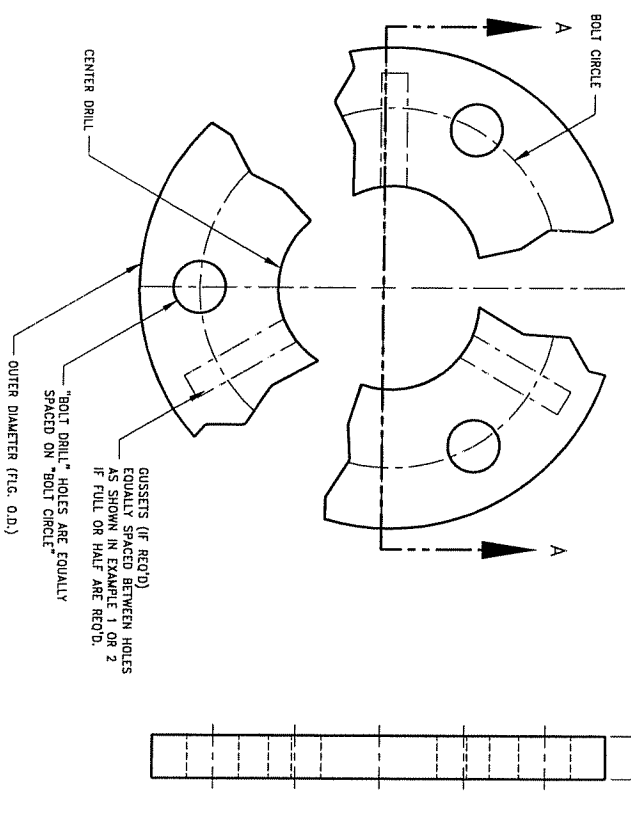
FINISH ANGLE PROJECTION
 CONFORM TO ASME Y14.5-2001
 THIS IS TO BE USED SOLELY FOR THE DESIGN OF THIS PROJECT AND NOT TO BE DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF S&S CORPORATION

TOLERANCES
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

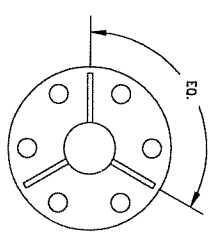
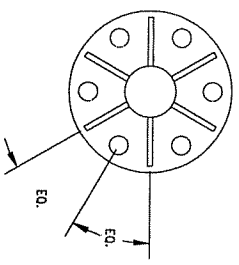
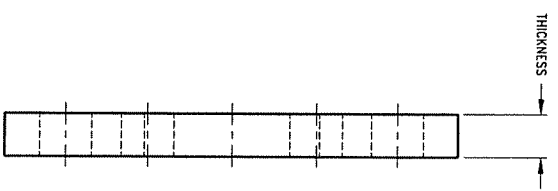
FLANGE WELD DETAIL
(SEE FLANGE CHART FOR WELD SIZES)



FLANGE DETAIL



GUSSETS (IF REQ'D.)
EQUALLY SPACED BETWEEN HOLES
AS SHOWN IN EXAMPLE 1 OR 2
IF FULL OR HALF ARE REQ'D.
"BOLT DRILL" HOLES ARE EQUALLY
SPACED ON "BOLT CIRCLE"



NOTES:

- 1) GUSSETS EQUALLY SPACED BETWEEN HOLES.
- 2) INNER BEVEL & INNER WELD IS ALWAYS IN REFERENCE TO THE SIDE OF THE FLANGE WITH GUSSETS OF I.E. TOWARD THE LEG PLATES.

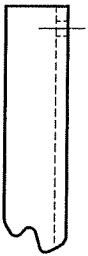
REV. #	DESCRIPTION	DATE	APP.	DRAWN	DATE
1	REVISED FLANGE WELD DETAIL	5-14-04	APP.	A.J.H.	5-24-99
			CHECK		DATE
			APPROVE		DATE

FLANGE & GUSSET SIZING DETAILS

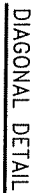
CENTRAL TOWER
A BENTON COMPANY

PH# (812) 853-0555
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

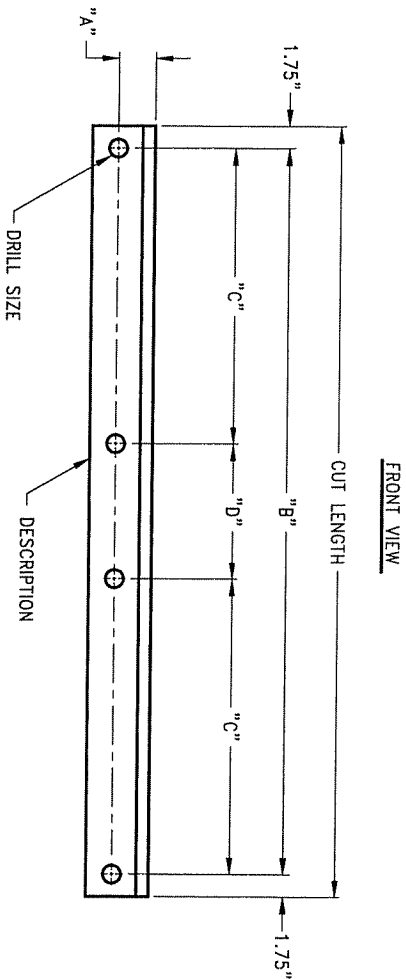
PI# 0
REV 0



PARTIAL TOP VIEW

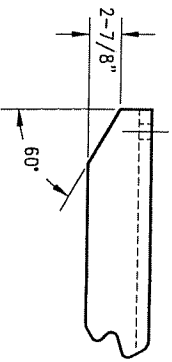


DIAGONAL DETAIL

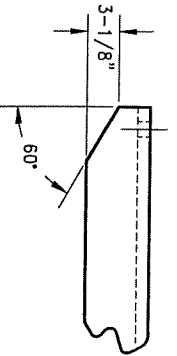


FRONT VIEW

COPE DETAIL
3-1/2" & 4" ANGLE



COPE DETAIL
5" ANGLE



REV. #	DESCRIPTION	DATE	APP.	BRANK	DATE
1	REVISED 5" ANGLE COPE DETAIL	7-16-04	J.L.B.	R.E.H.	1-10-01

CENTRAL TOWER
A DIVISION OF
CENTRAL TOWER COMPANY

REV. # (812) 853-0595
FAX # (812) 853-6632
2855 HIGHWAY 76
NEWBURGH, N.Y. 47630

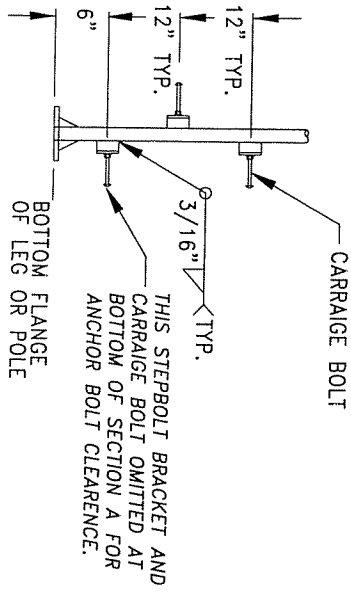
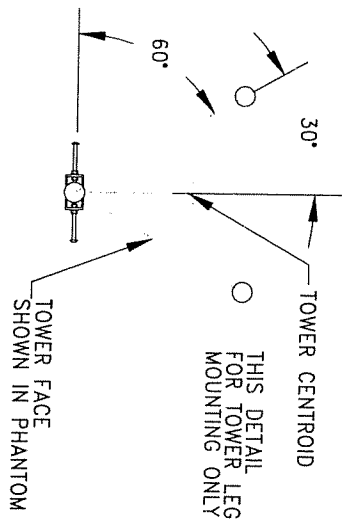
DIAGONAL MEMBER DETAILS FOR SECTION

DWG. NO. **X-DIAGONAL**

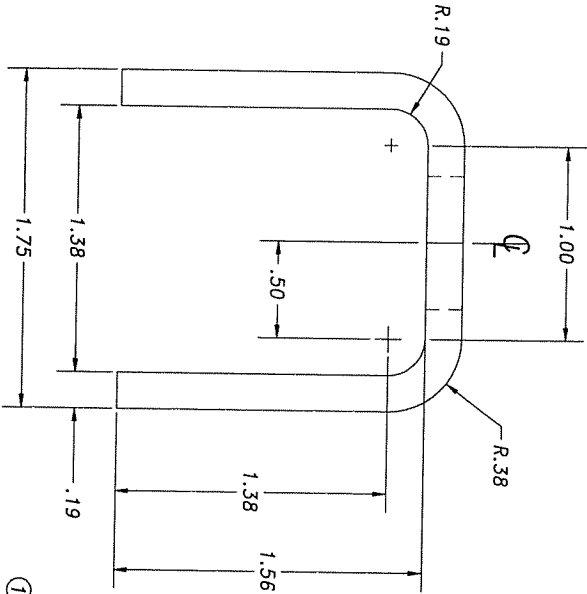
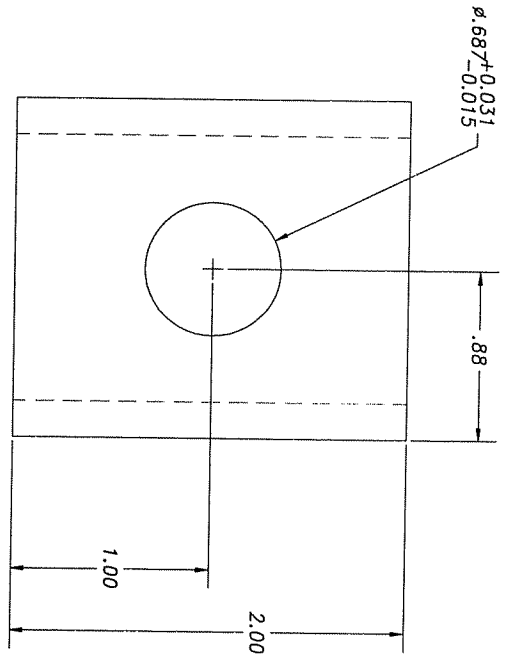
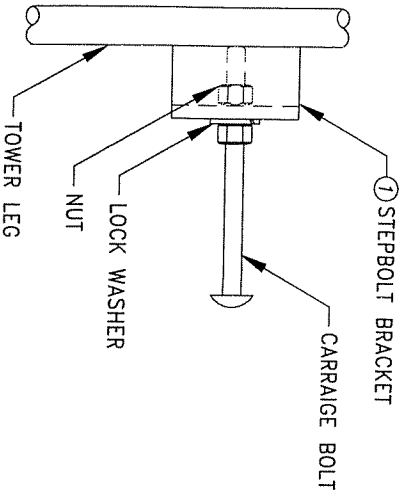
REV. **0**

TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 .XXX ± 1/16" BURNED HOLES #1/16"
 .XX ± 3/32" ANGLES ± .2"
 .XX ± 3/32" DRILLED HOLES #1/32"
 .X ± .005"
 .X ± .005" UNLESS OTHERWISE SPECIFIED

CONTAINING PROPRIETARY INFORMATION
 IT IS TO BE USED SOLELY FOR THE
 PROJECT AND NOT TO BE REPRODUCED
 OR DISCLOSED TO ANY OTHER PARTY
 WITHOUT THE WRITTEN CONSENT OF
 C.T.C. CORPORATION

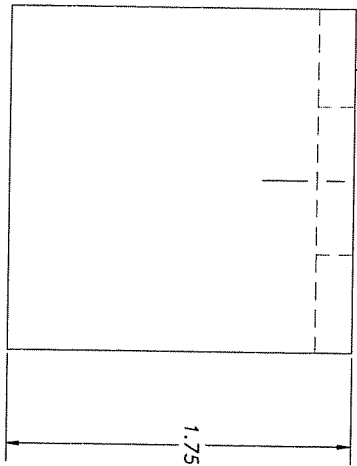


CARRIAGE BOLT ASSEMBLY



STEPBOLT BRACKET

3/16" X 2" A36 FLATBAR



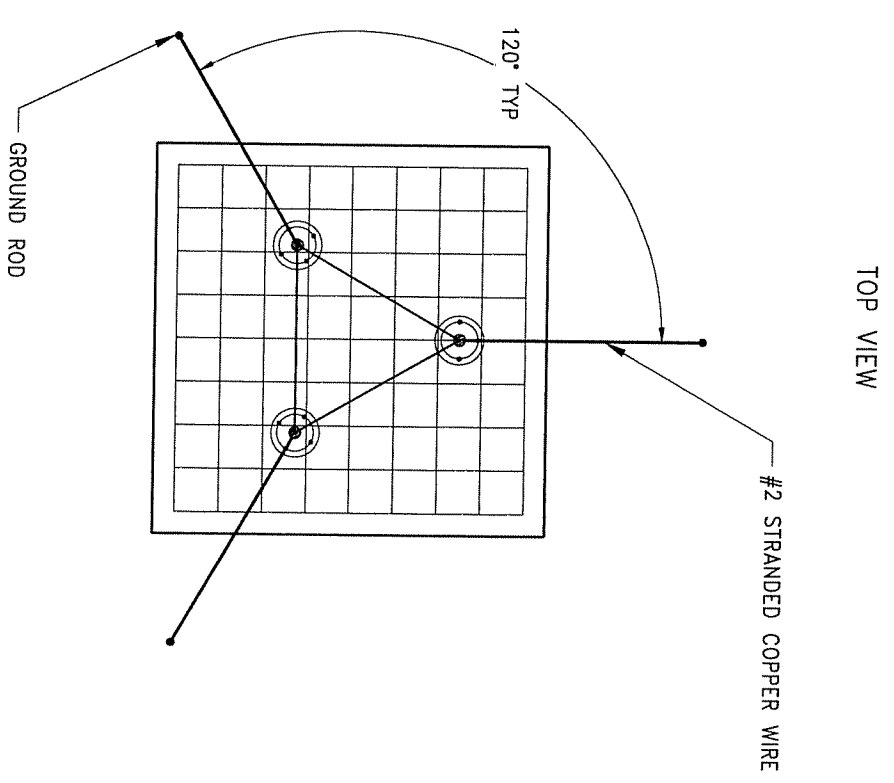
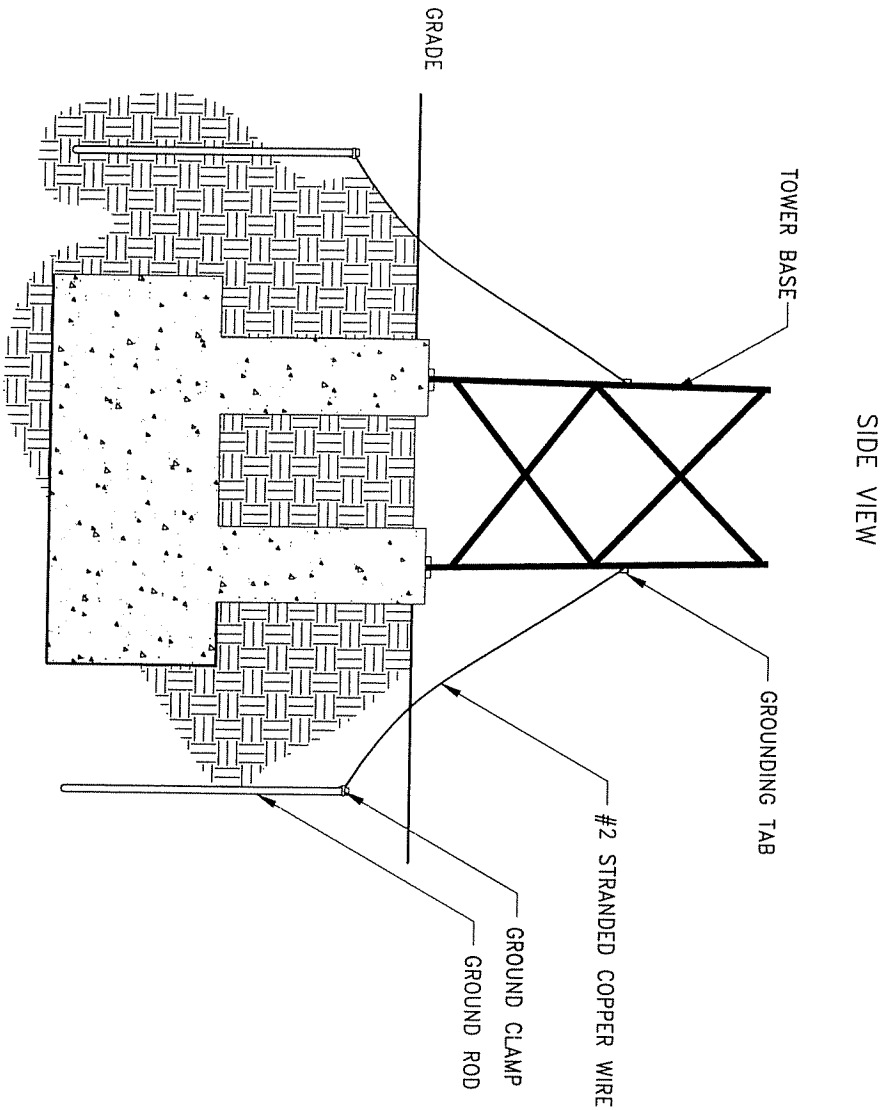
REV. #	DESCRIPTION	DATE	APP. [SIGNATURE]	DATE

DATE	DATE	DATE	DATE
10-15-03			

CENTRAL TOWER
 A TELEPHONE COMPANY
 PH# (812) 853-0595
 FAX# (812) 853-6652
 2855 HIGHWAY 261
 NEWBURGH, IN. 47630

CARRIAGE BOLT ASSEMBLY
 (TOWER LEG)

DWG NO. LA97M
 REV. B



BASE GROUNDING DETAIL

REV. #	DESCRIPTION	DATE	APP.	DATE
			A.J.H.	12-9-98
			CHECK	DATE
			APPROVAL	DATE

GENERAL TOWER
 A TELEPHONE COMPANY

PH# (812) 853-0595
 FAX# (812) 853-6552
 2895 HIGHWAY 261
 NEWBURGH, IN. 47630

SELF SUPPORTER STANDARD GROUNDING INSTALLATION

DWG. NO. **STD-GRND-SS**

REV. **0**

DO NOT SCALE DRAWING

THIS IS A REPRODUCTION OF THE ORIGINAL DRAWING. IT IS TO BE USED AS A GUIDE ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN CONSENT OF THE COMPANY.

TOLERANCES
 ANGLES ±
 HOLE DIA. ±
 HOLE DIA. ±
 HOLE DIA. ±

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS IN INCHES

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST
AND MAP OF LIKE FACILITIES IN VICINITY

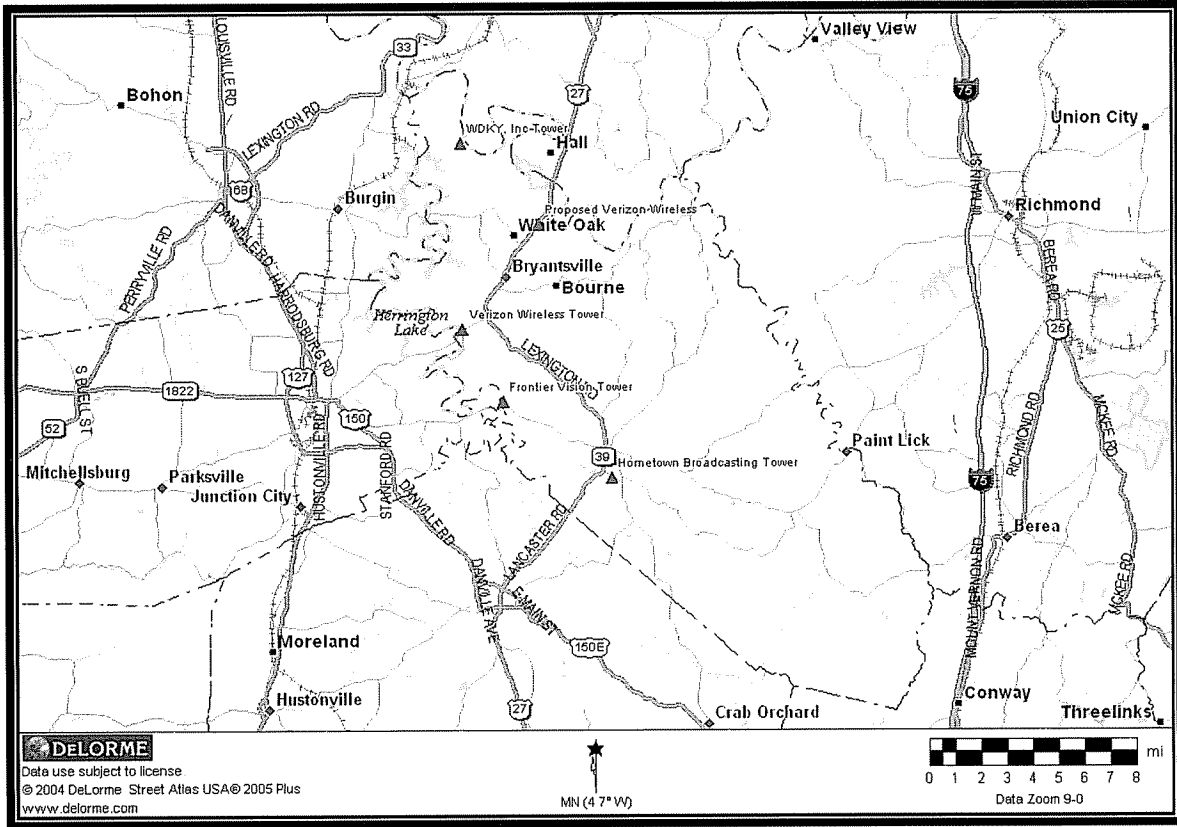
License Search

Search Results**Specified Search**State = **Kentucky**County = **GARRARD**Radio Service = **CL, CW**Matches **1- 10** (of **10**)**PA** = Pending Application(s)

	Call Sign	Licensee Name	FRN	Radio Service	Status	Expiration Date
1	KNKN940	American Cellular Corporation	0003767324	CL	Active	10/01/2010
2	KNKN964	Orange Licenses Holding, LLC	0012362919	CL	Active	10/01/2010
3	KNKN965	Cellular Phone of Kentucky, Inc.	0001785674	CL	Active	10/01/2011
4	KNLF251	New Cingular Wireless PCS, LLC	0003291192	CW	Active	06/23/2015
5	KNLF252	WIRELESSCO, L.P.	0002316545	CW	Active	06/23/2015
6	KNLF672	NextWave Personal Communications Inc., Debtor-in-Possession	0002964922	CW	Canceled	01/03/2007
7	KNLH256	Cellco Partnership	0003290673	CW	Active	04/28/2007
8	KNLH398	POWERTEL KENTUCKY LICENSES, INC.	0001831189	CW	Active	04/28/2007
9	KNLH399	POWERTEL KENTUCKY LICENSES, INC.	0001831189	CW	Active	04/28/2007
10	WPOI255	BLUE LICENSES HOLDING, LLC	0012362869	CW	Active	06/23/2015
	Call Sign	Licensee Name	FRN	Radio Service	Status	Expiration Date

GARRARD COUNTY TOWER MAP

SITE NAME: WHITE OAK



Cellco Partnership (Proposed facility)

37-44-35.16N
84-37-30.17W

WDKY, Inc.

37-47-18.0N
084-40-49.0W

Frontier Vision Operating Partners, L.P., Debtor-in-Possession

37-38-38.3N
084-39-01.8W

HOMETOWN BROADCASTING OF LANCASTER DBA = WRNZ

37-36-06.0N
084-34-27.0W

Crown Communication Inc.

37-37-04.4N
084-33-47.8W

Cellco Partnership

37-41-03.6N
084-40-44.2W

EXHIBIT E
CO-LOCATION REPORT

White Oak Collocation Report

There is an existing Crown Castle USA Tower located within this search area. We attempted to locate on this tower. Unfortunately, the tower already has multiple carriers on it. It was structurally insufficient to hold Verizon's antennas and there was not enough ground lease space to accommodate Verizon's equipment shelter. There were no other tall structures in the area.

If you have any questions or concerns, please contact Tami Swallow @ 502-693-1448.

**EXHIBIT F
APPLICATION TO FAA**



OE Home | Determined Cases | Circularization | Search | e-Add Sponsor | Portal | Change Passw

Notice of Proposed Construction or Alteration

Sponsor (person, company, etc. proposing this action):

Sponsor's Representative

Sponsor: * Cellco Partnership (JF)

Representative: Jennifer Flynn

Location(s)

City, State Latitude Longitude View Saved Map
> Burgin, KY 37° 44' 35.16" N 84° 37' 30.17" W View Saved Map

Information for Current Location

Construction Info

Structure Info

Notice Of: * Construction
Duration: * Permanent Months: Days:

Structure Type: * Tower
Other Description:

Work Schedule

Structure Name: White Oak
FCC Number:
Prior ASN:

Beginning: End:

General Info

Common Frequency Bands

Latitude: * 37 Deg 44 M 35.16 S N
Longitude: * 84 Deg 37 M 30.17 S W
Horizontal Datum: NAD83 Accuracy: None

Table with 5 columns: Low Freq, High Freq, Freq Unit, ERP. Lists various frequency bands from 806 to 2345 MHz.

Site Elevation: * 925 (nearest foot)

Structure Height: * 315 (nearest foot)

Vertical Datum: NAVD88

Marking/Lighting Preferred: Dual-red and medium intensity

Other M/L Desc:

Nearest City: * Burgin

State: * Kentucky

Traverseway: No Traverseway

Desc. of Location: * 11392 Lexington Road Lancaster, KY

Specific Frequencies

Desc. of Proposal: Applicant proposes to construct a 315 ft self support tower.

Low Freq High Freq Freq Unit ERP
No specific frequencies entered for this location

Note: Fields marked with * are required fields.

Save	Map It	New Location	Clone	New Specific Frequency	Back	Ba
Submit To FAA						

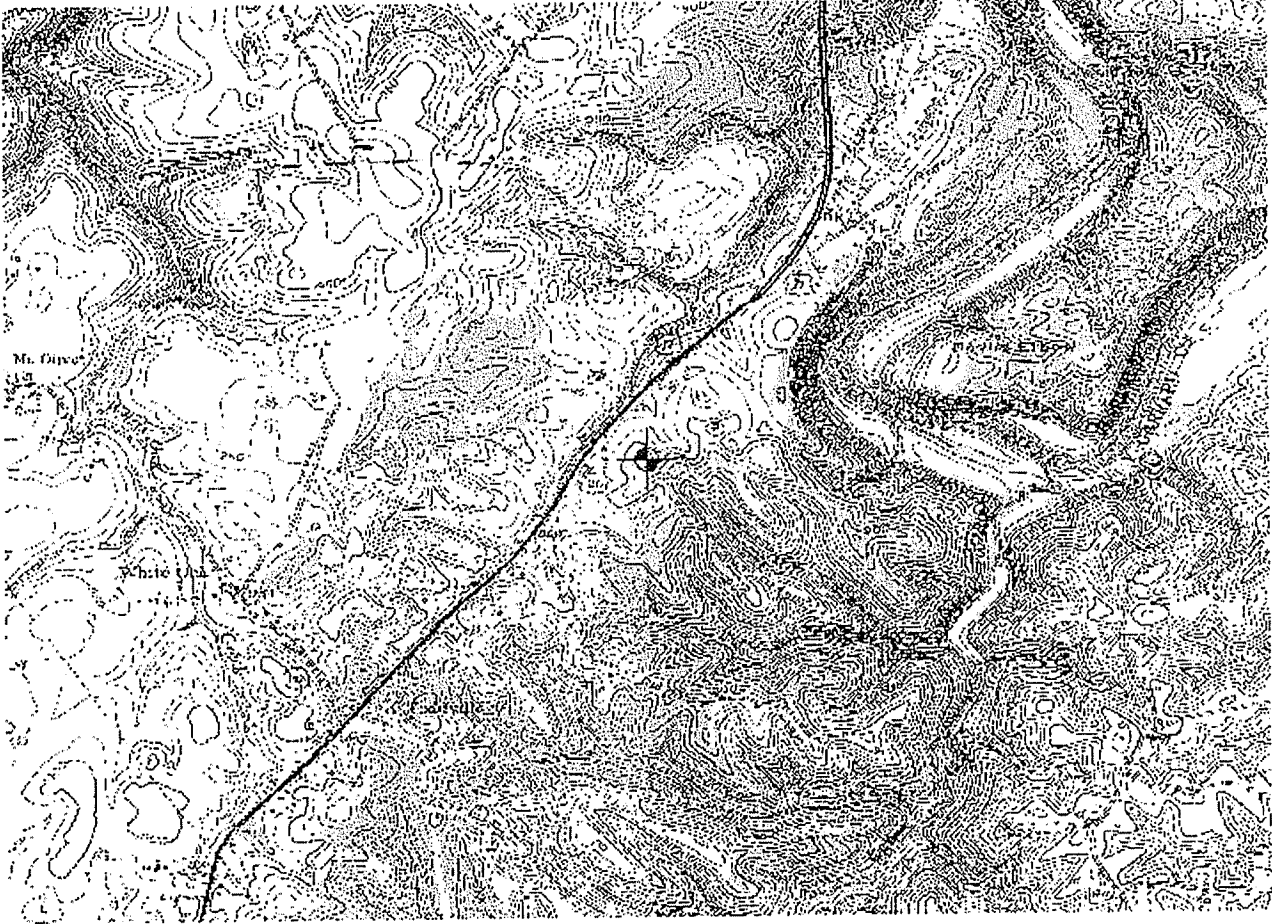


EXHIBIT G
APPLICATION TO KENTUCKY AIRPORT ZONING COMMISSION

Kentucky Transportation Cabinet, Kentucky Airport Zoning Commission, 200 Mero Street, Frankfort KY 40622

Kentucky Aeronautical Study Number

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

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

Cellco Partnership
Jen Flynn
30 Independence Blvd.
Warren, NJ 07059
908-607-8132

9. Latitude: 37 ° 44 ' 35.16 "

10. Longitude: 84 ° 37 ' 30.17 "

11. Datum: NAD 83 NAD 27 Other _____

12. Nearest Kentucky City Burgin County: Garrard

13. Nearest Kentucky public use or Military airport:
 Stuart Powell Field

14. Distance from #13 to Structure: 12.06 NM

15. Direction from #13 to Structure: 214.7

16. Site Elevation (AMSL): 925 Feet

17. Total Structure Height (AGL): 315 Feet

18. Overall Height (#16 + #17) (AMSL): 1316 Feet

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

Description of Location: (Attach a USGS 7.5 minute Quadrangle Map or an Airport Layout Drawing with the precise site marked and any certified survey)

11392 Lexington Rd, Lancaster, KY 40444

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

3. Application for: New Construction Alteration Existing

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

5. Work Schedule: Start _____ End _____

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

7. Marking/Painting and/or Lighting Preferred:

Red Lights and Paint Dual - Red & Medium Intensity White
 White - Medium Intensity Dual - Red & High Intensity White
 White - High Intensity Other _____

8. FAA Aeronautical Study Number _____

20. Description of Proposal:

Applicant proposes to construct a 315 ft structure.

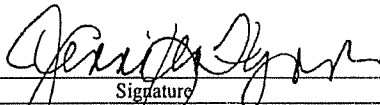
22. Has a "NOTICE OF CONSTRUCTION OR ALTERATION" (FAA Form 7460-1) been filed with the Federal Aviation Administration?

No

Yes, when 4/29/05 _____

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.

Jennifer Flynn



4/29/05

Printed Name

Signature

Date

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

Commission Action:

Chairman, KAZC

Administrator, KAZC

Approved

Disapproved

Date _____

AS-040-79KY-05-103 LUCAS FIELD
Burgin, KY
Cellco Partnership
Antenna Tower
County: Garrard
37-44-35.16, 84-37-30.17
315.00' AGL
1,240.00' AMSL

CTC LEXINGTON AP WITHIN
20 NM ON 120-15 159-3 J

NOTICE
FOR REASONS OF NATIONAL SECURITY
PILOTS ARE REQUESTED TO AVOID FLIGHT
BELOW 5000' AGL IN THIS AREA.

MADISON CO RCO
LOUISVILLE

SOMERSET RCO
LOUISVILLE

LONDON
LOUISVILLE

LONDON CORBIN
MAGEE (LOZ)
ASOS 118.075
121.247 123.9

CUMBERLAND RIVER
388 CO

MC CREAMY RD
1811
1870 180 2215



Kentucky Airport Zoning Commission
200 Mero Street
Frankfort, KY 40622

(502) 564-4480
fax: (502) 564-7953
No.: AS-040-79KY-05-103

AERONAUTICAL STUDY OF PROPOSED CONSTRUCTION OR ALTERATION

June 6, 2005

White Oak

Cellco Partnership
Jen Flynn
30 Independence Blvd
Warren, NJ 07059

CONSTRUCTION LOCATION	Burgin, KY
LATITUDE/LONGITUDE	37-44-35.16 N / 84-37-30.17 W
HEIGHT (In Feet)	315'AGL/1240'AMSL
CONSTRUCTION PROPOSED	Antenna Tower

An application has been filed with the Kentucky Airport Zoning Commission for a permit to construct or alter the above described structure. Accordingly, the Kentucky Airport Zoning Commission is conducting an aeronautical study of the proposal to determine its effect upon the safe and efficient use of navigable airspace by aircraft and on the operation of air navigation facilities.

In the study, consideration will be given to all facts relevant to the effect of the structure on the safety of airport users and surface persons and property; the character of the flying operations conducted at the airport; the nature of the terrain; the height of existing structures and trees above the level of the airport, the views of the officials of the Federal Aviation Administration as to the safe approaches required for operations of the airport, the future development of the airport including extension to runways that may be required; the interest of the public in developing a sound public transportation system and the views and opinions of those owning the land in the area.

Interested persons are invited to participate in the aeronautical study by submitting written comments to the Administrator of the Kentucky Airport Zoning Commission. To be eligible for consideration, comments must be relevant to the effect of the proposed construction with the consideration set out above. The comments should provide sufficient details to permit a clear understanding, and be received before July 6, 2005. Please refer to the Aeronautical Study Number printed in the upper right hand corner of this notice.

The antenna tower will be located 7 NM south of Lucas Field (private) and 11.5 NM southwest of Stuart Powell Field. Preliminary review indicates this structure exceeds no state obstruction standards. Obstruction lighting is proposed.

Owner, Lucas Field
MAYOR, CITY OF DANVILLE
CHAIRMAN, DANVILLE-BOYLE COUNTY AIRPORT BOARD
JUDGE/EXECUTIVE, BOYLE COUNTY
AIRPORT MANAGER, STUART POWELL FIELD
AIR LEXINGTON, BLUEGRASS FIELD
DANVILLE-BOYLE COUNTY PLANNING

John Houlihan, Administrator

**EXHIBIT H
GEOTECHNICAL REPORT**