STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Internet: ct.gov/csc

Daniel F. Caruso
Chairman

December 21, 2007

Steven L. Levine
Real Estate Consultant
New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, CT 06067

RE: **EM-CING-049-071129** – New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 4 Oliver Road, Enfield, Connecticut.

Dear Mr. Levine:

At a public meeting held on December 14, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated November 29, 2007, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

Daniel F. Caruso
Chairman

DFC/MP/cm

c: The Honorable Patrick L. Tallarita, Mayor, Town of Enfield
Jose Giner, Director of Planning and Community Development, Town of Enfield
Crown Castle

G:\EM\CINGULAR\Enfield\dc121407.DOC

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Phone: (860) 827-2935 Fax: (860) 827-2950
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Daniel F. Caruso
Chairman

December 4, 2007

The Honorable Patrick L. Tallarita
Mayor
Town of Enfield
820 Enfield Street
Enfield, CT 06082

RE: **EM-CING-049-071129** – New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 4 Oliver Road, Enfield, Connecticut.

Dear Mayor Tallarita:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for December 13, 2007, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

If you have any questions or comments regarding this proposal, please call me or inform the Council by December 12, 2007.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

c: Jose Giner, Director of Planning and Community Development, Town of Enfield

New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

EM-CING-049-071129

HAND DELIVERED

November 29, 2007

Honorable Daniel F. Caruso, Chairman,
and Members of the Connecticut Siting Council
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 4 Oliver Road, Enfield, CT (owner Crown Castle)

Dear Chairman Caruso and Members of the Council:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("Cingular") plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

UMTS technology offers services to mobile computer and phone users anywhere in the world. Based on the Global System for Mobile (GSM) communication standard, UMTS is the planned worldwide standard for mobile users. UMTS, fully implemented, gives computer and phone users high-speed access to the Internet as they travel. They have the same capabilities even when they roam, through both terrestrial wireless and satellite transmissions.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in Cingular's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility

will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. The height of the overall structure will be unaffected. Modifications to the existing site include all or some of the following as necessary to bring the site into conformance with the plan:

- Replacement of existing panel antennas with new antennas of similar size, shape, and weight, or, installation of additional antennas of similar size, shape, and weight.
- Installation of small tower mount amplifiers ("TMA's") and/or diplexers to the platform on which the panel antennas are mounted to enhance signal reception.
- Installation of additional or larger coaxial cables as required.
- Installation of an additional equipment cabinet in existing shelters, or on existing or enlarged concrete pads.

None of these modifications will extend the height of the tower.

2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than some enlarged equipment pads as may be noted in the attachments.

3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.

4. Radio frequency power density may increase due to use of one GSM channel for UMTS transmissions. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, Cingular Wireless respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7636 with questions concerning this matter. Thank you for your consideration.

Sincerely,

Steven L. Levine
Real Estate Consultant

Attachments

CINGULAR WIRELESS
Equipment Modification

4 Oliver Road, Enfield, CT
Site Number 5154
Former AT&T Wireless Cell Site
Exempt Modifications 10/21/99, 8/1/02, and 3/11/03

Tower Owner/Manager: Crown Castle

Equipment configuration: Monopole

Current and/or approved: Six DR90-17 antennas @ 160 ft c.l.
Twenty four runs 1 5/8 inch coax
Five outdoor cabinets on concrete pad

Planned Modifications: Remove existing antennas
Install six Powerwave 7770 antennas at 160 ft c.l.
Install six TMA's and six diplexers @ 160 ft
Install one additional outdoor cabinet for UMTS

Power Density:

Worst-case calculations for existing wireless operations at the site indicate a radio frequency electromagnetic radiation power density, measured at ground level beside the tower, of approximately 18.4 % of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density following proposed modifications would be approximately 19.2 % of the standard.

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							16.82
Cingular GSM *	160	1900 Band	4	275	0.0155	1.0000	1.55
Total							18.4%

* Per Council Records

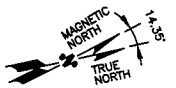
Proposed

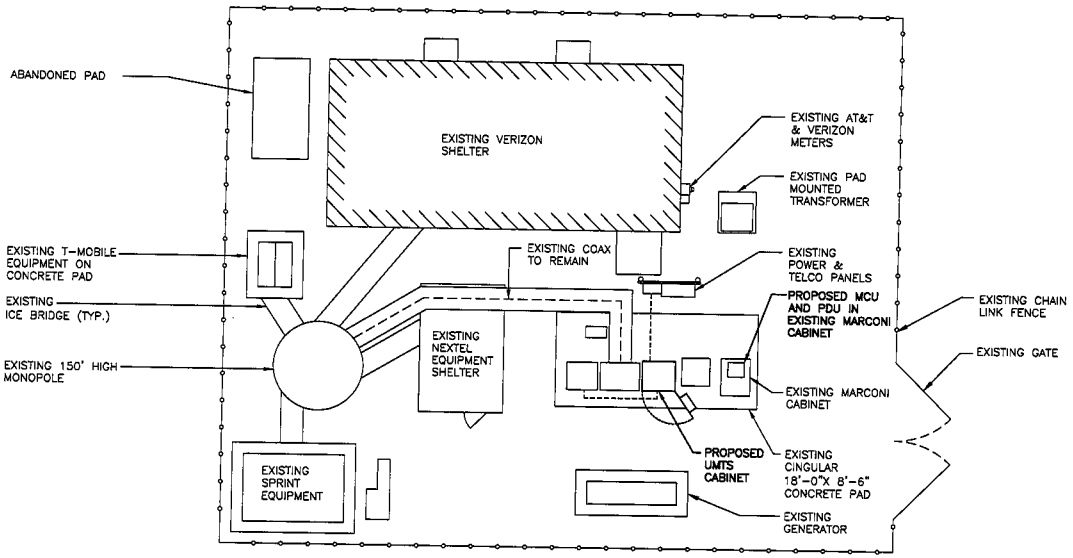
Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm^2)	Standard Limits (mW/cm^2)	Percent of Limit
Other Users *							16.82
Cingular UMTS	160	880 - 894	1	500	0.0070	0.5867	1.20
Cingular GSM	160	1900 Band	2	427	0.0120	1.0000	1.20
Total							19.2%

* Per Council Records

Structural information:

The attached structural analysis demonstrates that the tower and foundation have sufficient structural capacity to accommodate the proposed modifications. (PSG Engineering, 7/31/07)





COMPOUND PLAN
OUTDOOR UMTS

SCALE: 3/16"=1'-0"

0 2'-8" 5'-4" 10'-8" 16'-0"

Hudson Design Groupllc
41 BEECHWOOD DR.
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

SAI communications
184 ROCKINGHAM ROAD, UNIT A
LONDONDERRY, NH 03053

SITE NUMBER: 5154
SITE NAME: ENFIELD - HARTFORD COUNTY
4 OLIVER ROAD
ENFIELD, CT 06082
HARTFORD COUNTY

cingular WIRELESS
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06067

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	08/22/07	CONSTRUCTION FINAL	RB	DC	DPS
0	05/17/07	ISSUED FOR CONSTRUCTION	BK	DC	DPS

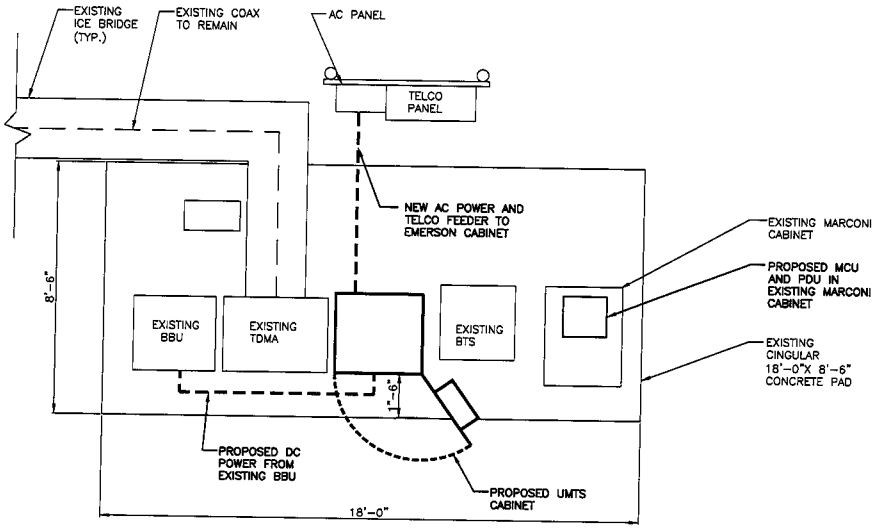
SCALE: NOT SHOWN | DESIGNED BY: BK | DRAWN BY: BK

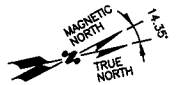
STATE OF CONNECTICUT
No. 24178
LICENSED PROFESSIONAL ENGINEER

CINGULAR WIRELESS

COMPOUND PLAN
UMTS (OUTDOOR)

JOB NUMBER	DRAWING NUMBER	REV
5154.01	C-1	1





EQUIPMENT PLAN
OUTDOOR UMTS

SCALE: 1/2"=1'-0"

0 1'-0" 2'-0" 4'-0" 6'-0"

Hudson Design Group LLC
44 BEECHWOOD DR. N. ANDOVER, MA 01845 TEL: (978) 557-5553 FAX: (978) 336-5586

SAI communications
184 ROCKINGHAM ROAD, UNIT A
LONDONDERRY, NH 03053

SITE NUMBER: 5154
SITE NAME: ENFIELD - HARTFORD COUNTY
4 OLIVER ROAD
ENFIELD, CT 06082
HARTFORD COUNTY

cingular WIRELESS
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06067

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	06/22/07	CONSTRUCTION FINAL	RB	DC	DRG
0	05/17/07	ISSUED FOR CONSTRUCTION	BK	DC	DRG

SCALE: NOT SHOWN | DESIGNED BY: BK | DRAWN BY: BK

STATE OF CONNECTICUT
No. 24178
LICENSED PROFESSIONAL ENGINEER

CINGULAR WIRELESS

EQUIPMENT PLAN
UMTS (OUTDOOR)

JOB NUMBER	DRAWING NUMBER	REV
5154.01	A-1	1

New Cingular Wireless PCS, LLC
500 Enterprise Drive
Rocky Hill, Connecticut 06067-3900
Phone: (860) 513-7636
Fax: (860) 513-7190

Steven L. Levine
Real Estate Consultant

November 29, 2007

Mr. Matthew Coppler, Town Manager
Town of Enfield
Town Hall 820 Enfield St.
Enfield, CT 06082-2997

Re: Telecommunications Facility – 4 Oliver Road , Enfield

Dear Mr. Coppler:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("Cingular") will be changing its equipment configuration at certain cell sites.

As required by Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review Cingular's proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes Cingular's proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (860) 513-7636 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven L. Levine
Real Estate Consultant

Enclosure

Date: **July 31, 2007**

Veronica Harris
Crown Castle International
1200 McArthur Blvd.
Mahwah, NJ 07430
(201) 236-9094

PSG Engineering, Ltd.
8206 Forest Gate Drive
Sugar Land, TX 77479

Phone: (281) 343-7099
Fax: (281) 343-7127

Subject: **Analysis Structural Report**

Carrier Designation	***Cingular Wireless* Co-Locate** **Carrier Site Number:** *"5154"* **Carrier Site Name:** *"Enfield-Oliver Road"*
Crown Castle Designation	**Crown Castle BU Number:** *806373* **Crown Castle Site Name:** *HRT 101 943232* **Crown Castle JDE Job Number:** *88670*
Engineering Firm Designation	**PSG Engineering Project Number:** *0701H140-A040152*
Site Data	**Off Oliver St., Enfield, CT, Hartford County** **Latitude *41° 57' 36.2"*, Longitude *-72° 35' 32.3"*** *152* **Foot -** *Monopole* **Tower**

Dear Ms. Harris,

PSG Engineering, Ltd. is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the aforementioned tower. This analysis has been performed in accordance with the Crown Castle Structural 'Statement of Work' and the terms of Crown Castle Purchase Order Number 243451, in accordance with application 45669, revision 3.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC1: Existing + Reserved + Proposed Equipment **Sufficient Capacity**
Note: See Table 1 and Table 2 for the proposed and existing/reserved loading.

The analysis has been performed in accordance with the TIA/EIA 222-F standard based upon a wind speed of 80 mph fastest mile (100 mph 3-second gust).

We at *PSG Engineering, Ltd.* appreciate the opportunity of providing our continuing professional services to you and Crown Castle International. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted,

Oscar Pedraza, P.E.
President

Date: **July 31, 2007**

Veronica Harris
Crown Castle International
1200 McArthur Blvd.
Mahwah, NJ 07430
(201) 236-9094

PSG Engineering, Ltd.
8206 Forest Gate Drive
Sugar Land, TX 77479

Phone: (281) 343-7099
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Respectfully submitted,

STATE OF CONNECTICUT
OSCAR PEDRAZA
No. 21292
LICENSED PROFESSIONAL ENGINEER

Oscar Pedraza, P.E.
President

JUL 3 1 2007

TABLE OF CONTENTS

1) INTRODUCTION

The tower superstructure analysis is based on the original tower design by Valmont dated November 11, 1991 (TIA/EIA-222-E: 90 mph with 1/2" radial ice). The tower substructure analysis is based on the original foundation design by SAC Engineering, Inc. dated November 16, 1991 and a geotechnical report by Dr. Clarence Welti, P.E., P.C. dated October 21, 1991.

2) ANALYSIS CRITERIA

This tower is designed using the TIA/EIA-222-F standard.
The following design criteria apply:

- Basic wind speed of 80 mph.
- Nominal ice thickness of 0.5000 in.
- Ice density of 56 pcf.
- A wind speed of 69 mph is used in combination with ice.
- Deflections calculated using a wind speed of 50 mph.
- Feedline torque is considered.
- Pressures are calculated at each section.
- Stress ratio used in tower member design is 1.333

Table 1 – Proposed (P) Antenna and Cable Information

Center Line Elevation (feet)	Number Of Antenna	Antenna Manufacturer	Antenna Model	Mount	Number Of Feed Lines	Feed Line Size (inches)
160	6(P)	Powerwave Technologies	7770.00	-	-	-
	6(P)		LGP13519			
	6(P)		LGP21401			

Table 2 – Installed (I) and Reserved (R) Antenna and Cable Information

Center Line Elevation (feet)	Number Of Antenna	Antenna Manufacturer	Antenna Model	Mount	Number Of Feed Lines	Feed Line Size (Inches)
**160	**3(I)	**Decibel	**978QNB120E-M	Single Extension Pipe (1) w/Standoff T-Arm (3)	18(I) (External)	1 5/8
	**3(I)	**EMS Wireless	**RR90-17-02DP		6(I) (Internal)	
					3(I) (External)	1/2
152	***CASE A***					
	6(I)	Swedcom	ALP 9212-N	Platform w/Handrail (1)	12(I) (Internal)	1 5/8
	6(I)	Decibel	DB948F85T2E-M		1(R) (Internal)	1/2
	1(R)	Standard	GPS			
	****CASE B (Controlling Load Case)***					
	12(R)	BAM MLA	BAM MLA Antenna	Platform w/Handrail (1)	12(R) (Internal)	1 5/8
137	6(I)+3(R)	Decibel	DB980H90E-M	Platform w/Handrail (1)	6(I)+3(R) (Internal)	1 5/8
127	***CASE A***					
	9(I)+3(R)	Swedcom	ALP 9212-N	Standoff T-Arm (3)	9(I)+3(R) (External)	7/8
	****CASE B (Controlling Load Case)***					
	9(I)+3(R)	Swedcom	ALP 9212-N	Standoff T-Arm (3)	12(R) (External)	1 1/4
117	***CASE A***					
	6(I)	EMS Wireless	DR65-18-02DPL2Q	Standoff T-Arm (3)	6(I) (External)	1 1/4
	****CASE B (Controlling Load Case)***					
	6(I)	EMS Wireless	DR65-18-02DPL2Q	Standoff T-Arm (3)	12(R) (External)	7/8
40	1(I)	Standard	GPS	Single Standoff (1)	1(I) (Internal)	1/2

*Note: Controlling Load Case results shown in Table 5 and Appendix A.

**Note: (6) Installed antennas will be removed and replaced with proposed loads. Installed mounts and all coax lines will remain to support proposed loading.

Table 3 – Original Tower Manufacturer Design Antenna and Cable Information

Center Line Elevation (feet)	Number Of Antenna	Antenna Manufacturer	Antenna Model	Mount	Number Of Feed Lines	Feed Line Size (Inches)
147	4	Celwave	PD10017	Low Profile Platform (1)	Not Available	
134	12	Celwave	PD1132	Low Profile Platform (1)		

3) ANALYSIS PROCEDURE

Table 4 – Documents Provided

Document	Remarks	Reference	Source
Original Tower Design	Valmont	822743	Crown Site Data Manager
Original Foundation Design	SAC Engineering, Inc.	821581	
Geotechnical Report	Dr. Clarence Welti, P.E., P.C.	821582	
CAD Level Drawing(s)	150',147',137',126',116' Level Drawing(s)	-	Crown CAD Dept.

3.1) Analysis Method

RISATower (Version 5.0.2.0), a commercially available software program, was used to create a three-dimensional model of the tower and calculate member stresses for various dead, live, wind, and ice load cases. All loads were computed in accordance with the ANSI/EIA/TIA 222F or the local building code requirements. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1. Tower and structures were built in accordance with the manufacturer's specifications.
2. The tower and structures have been maintained in accordance with the manufacturer's specifications.
3. The configuration of antennas, transmission cables, mounts, and other appurtenances are as specified in Tables 1 and 2 and the Level drawing(s) listed in Table 4.
4. When applicable, transmission cables are considered to be structural components for calculating wind loads, as allowed by TIA/EIA-222F.

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and PSG Engineering should be allowed to review any new information to determine its effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 5 – Tower Component Stresses vs. Capacity – LC1

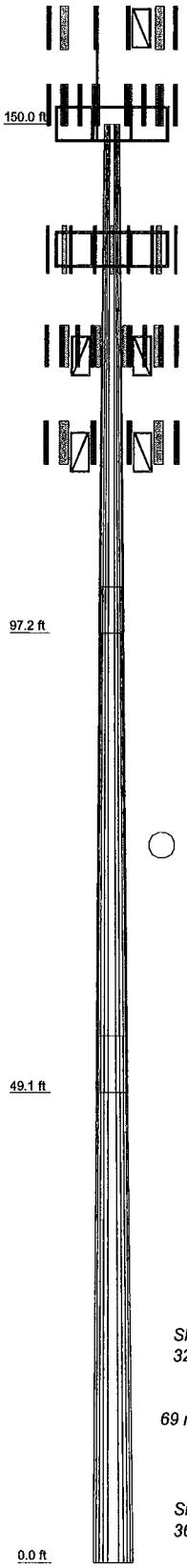
Notes	Component	Elevation (ft)	% Capacity	Pass/Fail
RISA Tower Analysis Summary:(Monopole)				
			Summary	
Notes:	**Component**	**Elevation**	**% Capacity**	**Pass/Fail**
	L1	150 - 97.16	96.3	Pass
1	L2	97.16 - 49.08	*100.8	Pass
1	L3	49.08 - 0	*103.3	Pass
Individual Components:				
Notes:	**Component**	**Elevation**	**% Capacity**	**Pass/Fail**
	Base Plate	-	82.5	Pass
	Anchor Bolts	-	83.8	Pass
	Base Foundation (Structural)	-	77.5	Pass
	Base Foundation (Soil)	-	92.2	Pass
Structure Rating (max from all components) =				**103.3%**

*Notes:

1) Tower stresses equal or less than 105% are sufficient.

4.1) Recommendations (if applicable)

No recommendations



Section	1	2	3
Length (ft)	52'9-31/32"	52'11-1/32"	55'
Number of Sides	12	12	12
Thickness (in)	0.2500	0.3750	0.4380
Lap Splice (ft)	49-31/32"	5'11-1/32"	
Top Dia (in)	20.3000	29.6392	38.5268
Bot Dia (in)	31.1300	40.4900	49.8000
Grade	A572-65		
Weight (K)	3.7	7.5	11.5

22.8

AXIAL 52 K
SHEAR 32 K
MOMENT 3474 kip-ft
TORQUE 2 kip-ft
69 mph WIND - 0.5000 in ICE

AXIAL 37 K
SHEAR 36 K
MOMENT 3718 kip-ft
TORQUE 1 kip-ft
REACTIONS - 80 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
(2) 7770.00 w/Mount Pipe	160	(3) DB980H90E-M w/Mount Pipe	137
(2) LGP2140X (TMA)	160	(3) DB980H90E-M w/Mount Pipe	137
(2) LGP13519	160	(3) DB980H90E-M w/Mount Pipe	137
Pirod 4' Side Mount Standoff (1)	160	PIROD 13' Platform w/handrails (Monopole)	137
(2) 7770.00 w/Mount Pipe	160		
(2) LGP2140X (TMA)	160	(4) ALP 9212-N w/Mount Pipe	127
(2) LGP13519	160	(4) ALP 9212-N w/Mount Pipe	127
Pirod 4' Side Mount Standoff (1)	160	(4) ALP 9212-N w/Mount Pipe	127
(2) 7770.00 w/Mount Pipe	160	5' Standoff T-Arm (14' face width)	126
(2) LGP2140X (TMA)	160	5' Standoff T-Arm (14' face width)	126
(2) LGP13519	160	5' Standoff T-Arm (14' face width)	126
Pirod 4' Side Mount Standoff (1)	160	(2) DR65-18-02DPL2Q w/Mount Pipe	117
10'6"x4" Pipe Mount	153.5	(2) DR65-18-02DPL2Q w/Mount Pipe	117
(4) BAM MLA Antenna	152	(2) DR65-18-02DPL2Q w/Mount Pipe	117
(4) BAM MLA Antenna	152	5' Standoff T-Arm (14' face width)	116
(4) BAM MLA Antenna	152	5' Standoff T-Arm (14' face width)	116
PIROD 13' Platform w/handrails (Monopole)	150	5' Standoff T-Arm (14' face width)	116
		GPS antenna w/ sidearm mount	40

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for a 80 mph basic wind in accordance with the TIA/EIA-222-F Standard.
3. Tower is also designed for a 69 mph basic wind with 0.50 in ice.
4. Deflections are based upon a 50 mph wind.
5. TOWER RATING: 103.3%

PSG Engineering, Ltd.
245 Commerce Green Blvd., Suite 240
Sugar Land, TX 77478
Phone: 281.265.3444
FAX: 281.265.3454

Job: *PSG Engineering Project Number: 0701H140-A04015*			
Project: *(806373) (HRT 101 943232)*			
Client: Crown Castle International	Drawn by: PSG	App'd:	
Code: TIA/EIA-222-F	Date: 06/18/07	Scale: NTS	
Path: N:\Production\0701H140\806373.eri		Dwg No. E-1	