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

www.ct.gov/csc

VIA ELECTRONIC MAIL

September 4, 2019

Thomas J. Regan, Esq.
Brown Rudnick, LLP
185 Asylum Street
Hartford, CT 06103

RE: **EM-SPRINT-034-190820** – Sprint Corporation notice of intent to modify an existing telecommunications facility located at 24 Hospital Avenue, Danbury, Connecticut.

Dear Attorney Regan:

The Connecticut Siting Council (Council) is in receipt of your correspondence of September 3, 2019 submitted in response to the Council's August 27, 2019 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman
Executive Director

MAB/IN/emr

Robidoux, Evan

From: Mercier, Carlene M. <CMercier@brownrudnick.com>
Sent: Tuesday, September 03, 2019 1:28 PM
To: CSC-DL Siting Council
Cc: Regan, Thomas J.; Bachman, Melanie
Subject: EM-SPRINT-034-190820 / Sprint Exempt Modification at Danbury Hospital - Supplemental Filing
Attachments: Sprint - Danbury Hospital - Completeness Response.PDF

Good Afternoon,

Attached please find Sprint's Supplemental Filing related to its Notice of Exempt Modification (EM-SPRINT-034-190820) at Danbury Hospital. A hard copy has been sent via overnight mail to the Siting Council as well as the cc's.

Please let me know if you have any questions.

Best Regards,
Carlene

brownrudnick

Carlene M. Mercier
Paralegal

Brown Rudnick LLP
City Place 1 185 Asylum Street
Hartford, CT 06103
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cmercier@brownrudnick.com
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THOMAS J. REGAN
direct dial: (860) 509-6522
tregan@brownrudnick.com

September 3, 2019

VIA OVERNIGHT COURIER &
E-MAIL (siting.council@ct.gov)

Melanie A. Bachman, Esq.
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: EM-SPRINT-034-190820
Sprint's Notice of Exempt Modification / Supplemental Filing
24 Hospital Avenue, Danbury, CT 06810
41° 24' 17.9" N, 73° 26' 45.21" W

Dear Executive Director Bachman:

In response to the Connecticut Siting Council's August 27, 2019 request for additional information, Sprint Corporation ("Sprint") hereby submits the following two additional exhibits:

Exhibit F: Revised Structural Analysis Report dated August 30, 2019 confirming the host building's ability to support Sprint's proposed modifications; and

Exhibit G: Siting Council Decision – Docket 79 detailing the conditions of the original facility approval which include the requirements that the Facility "shall be constructed in accordance with all applicable federal, state and municipal laws and regulations" and "shall comply with any future radio frequency (RF) standards promulgated by state or federal regulatory agencies." Sprint's proposed modifications will comply with both of those requirements. All of the remaining conditions in the approval are specific to the certificate holder.

A copy of this Supplemental Filing (with exhibits) is being sent today via UPS to: Mark D. Boughton (Mayor for the City of Danbury), Sharon B. Calitro (Director of Planning and Zoning for the City of Danbury) and Charles Geyer (Network Director of Engineering, Plant Operations and Biomedical Engineering at Danbury Hospital [property owners] and signatory for Danbury

Hospital on the Letter of Authorization). Included as **Exhibit H** are the UPS verifications that the aforementioned individuals were sent a copy of this Supplemental Filing with exhibits.

Please let me know if you have any questions or need anything further.

Sincerely,

BROWN RUDNICK LLP

Thomas J. Regan

Enclosures

cc via UPS:

Mayor Mark D. Boughton
City of Danbury
155 Deer Hill Avenue
Danbury, CT 06810

Director Sharon B. Calitro
Planning & Zoning
City of Danbury
155 Deer Hill Avenue
Danbury, CT 06810

Charles Geyer, Network Director of Engineering
Danbury Hospital
24 Hospital Avenue
Danbury, CT 06810

63486784

EXHIBIT F

INFINIGY

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Structural Analysis Report

August 30, 2019

Site Name	Danbury Hospital
Site Cascade	CT81XC007-CT03XC350
Client	JP Consulting
Proposed Carrier	Sprint
Infinigy Job Number	526-101
Site Location	24 Hospital Ave, Danbury, CT 06810 41° 24' 17.90" N NAD83 73° 26' 45.21" W NAD83
Mount Centerline	131.0, 155.0, 159.0 ft
Mount Classification	Pipe Mount and Pipe Standoff
Structural Usage	**69.4%**
Overall Result	**Pass**

Upon reviewing the results of this analysis, it is our opinion that the proposed structure meets the specified TIA code requirements. The pipe standoff, antenna pipe mount, anchors, and host building are therefore deemed adequate to support the existing and proposed loading as listed in this report.

Kevin Berger Jr.

Contents

Introduction

Infinigy Engineering has been requested to analyze a pipe standoff and antenna supporting structures. All supporting documents have been obtained from the client and are assumed to be accurate and applicable to this site. The structure was analyzed using RISA 3D v. 17.0.2 software.

Supporting Documentation

Construction Drawings	Infinigy Engineering Job #526-101, dated March 25, 2019
Site Photos	Infinigy Engineering Job #526-101, dated November 26, 2018
Structural Analysis	Infinigy Engineering Job #195-036, dated June 17, 2015

Analysis Code Requirements

Wind Speed	93 mph (3-Second Gust, V_{asd})/ 120 mph (3-Second Gust, V_{ult})
Wind Speed w/ ice	50 mph (3-Second Gust) w/ 0.75" ice
TIA Revision	ANSI/TIA-222-G
Adopted IBC	2015 IBC / 2018 Connecticut State Building Code
Structure Class	II
Exposure Category	C
Topographic Category	1
Calculated Crest Height	0 ft

Conclusion

Upon reviewing the results of this analysis, it is our opinion that the proposed structure meets the specified TIA code requirements. The pipe standoff, antenna pipe mount, anchors, and host building are therefore deemed adequate to support the existing and proposed loading as listed in this report.

If you have any questions, require additional information, or actual conditions differ from those as detailed in this report please contact me via the information below:

Kevin Berger Jr. | INFINIGY
1033 Watervliet Shaker Road, Albany, NY 12205
(518) 690-0790 | Structural@infinigy.com

Existing & Reserved Loading

Rad Center (ft)	Qty.	Appurtenance	Mount Type	Sector
159.0	1	CCI HPA33R-CS4AA-K	Pipe Mount	Alpha
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
	1	Alcatel-Lucent 2500 Mhz RRH		
	4	Diplexers		
131.0	1	CCI HPA33R-CS4AA-K		
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
	1	Alcatel-Lucent 2500 Mhz RRH		
	4	Diplexers		
155.0	1	CCI HPA33R-CS4AA-K	Pipe Mount	Beta
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
	1	Alcatel-Lucent 2500 Mhz RRH		
	4	Diplexers		
131.0	1	CCI HPA33R-CS4AA-K		
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
	1	Alcatel-Lucent 2500 Mhz RRH		
	4	Diplexers		
155.0	2	CCI HPA33R-CS4AA-K	Pipe Mount	Gamma
	2	Alcatel-Lucent 800 Mhz RRH		
	4	Alcatel-Lucent 1900 Mhz RRH		
	2	Alcatel-Lucent 2500 Mhz RRH		
	8	Diplexers		

To be Removed Loading

Rad Center (ft)	Qty.	Appurtenance	Mount Type	Sector
159.0	1	Alcatel-Lucent 2500 Mhz RRH	--	Alpha
	4	Diplexers		
131.0	1	Alcatel-Lucent 2500 Mhz RRH		
	4	Diplexers		
155.0	1	Alcatel-Lucent 2500 Mhz RRH		Beta
	4	Diplexers		
131.0	1	Alcatel-Lucent 2500 Mhz RRH		
	4	Diplexers		
155.0	2	Alcatel-Lucent 2500 Mhz RRH		Gamma
	8	Diplexers		

Proposed Loading

Rad Center (ft)	Qty.	Appurtenance	Mount Type	Sector
159.0	1	NOKIA AAHC	--	Alpha
131.0	1	NOKIA AAHC		
155.0	1	NOKIA AAHC		Beta
131.0	1	NOKIA AAHC		
155.0	2	NOKIA AAHC		Gamma

Final Configuration Loading

Rad Center (ft)	Qty.	Appurtenance	Mount Type	Sector
159.0	1	CCI HPA33R-CS4AA-K	Pipe Mount	Alpha
	1	NOKIA AAHC		
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
131.0	1	CCI HPA33R-CS4AA-K		
	1	NOKIA AAHC		
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
155.0	1	CCI HPA33R-CS4AA-K	Pipe Mount	Beta
	1	NOKIA AAHC	Pipe Stand-off	
	1	Alcatel-Lucent 800 Mhz RRH	Pipe Mount	
	2	Alcatel-Lucent 1900 Mhz RRH		
131.0	1	CCI HPA33R-CS4AA-K	Pipe Mount	
	1	NOKIA AAHC		
	1	Alcatel-Lucent 800 Mhz RRH		
	2	Alcatel-Lucent 1900 Mhz RRH		
155.0	2	CCI HPA33R-CS4AA-K	Pipe Mount	Gamma
	2	NOKIA AAHC	Pipe Stand-off	
	2	Alcatel-Lucent 800 Mhz RRH	Pipe Mount	
	4	Alcatel-Lucent 1900 Mhz RRH		

CT81XC007 Alpha/Beta Structure Usages

	Summary	
Mount Pipe	31.6%	Pass
Max Usage	**31.6%**	**Pass**

CT03XC350 Alpha/CT81XC007 Gamma Structure Usages

	Summary	
Mount Pipe	19.7%	Pass
X Bracing	65.8%	Pass
Support Pipe	60.0%	Pass
Horizontal Bracing	69.4%	Pass
Max Usage	**69.4%**	**Pass**

CT81XC007 Alpha/Beta Mount Connection Reactions

Reaction Data	Design Reactions	Analysis Reactions	Result
Max Tension (lbs)	12340.0	578.3	4.7%
Max Shear (lbs)	7770.0	839.7	10.8%
Unity Check	--	--	15.5%

***Assumed (2) 1/2" A307 Anchors. Contractor to field to verify anchor diameters prior to proper installation.**

- Anchor reactions are acceptable when compared to manufacturer's listed capacities.

CT03XC350 Alpha/CT81XC007 Gamma Mount Connection Reactions

Reaction Data	Design Reactions	Analysis Reactions	Result
Max Tension (lbs)	12340.0	5782.4	46.9%
Max Shear (lbs)	7770.0	3574.2	46.0%
Unity Check	--	--	92.6%

***Assumed (2) 1/2" A307 Anchors. Contractor to field to verify anchor diameters prior to proper installation.**

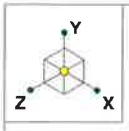
- Anchor reactions are acceptable when compared to manufacturer's listed capacities.

Assumptions and Limitations

Our structural calculations are completed assuming all information provided to Infinigy Engineering is accurate and applicable to this site. For the purposes of calculations, we assume an overall structure condition of "like new" and all members, connections, anchors, and masonry to be free of corrosion and/or structural defects. The structure owner and/or contractor shall verify the structure's condition prior to installation of any proposed equipment. If actual conditions differ from those described in this report Infinigy Engineering should be notified immediately to complete a revised evaluation.

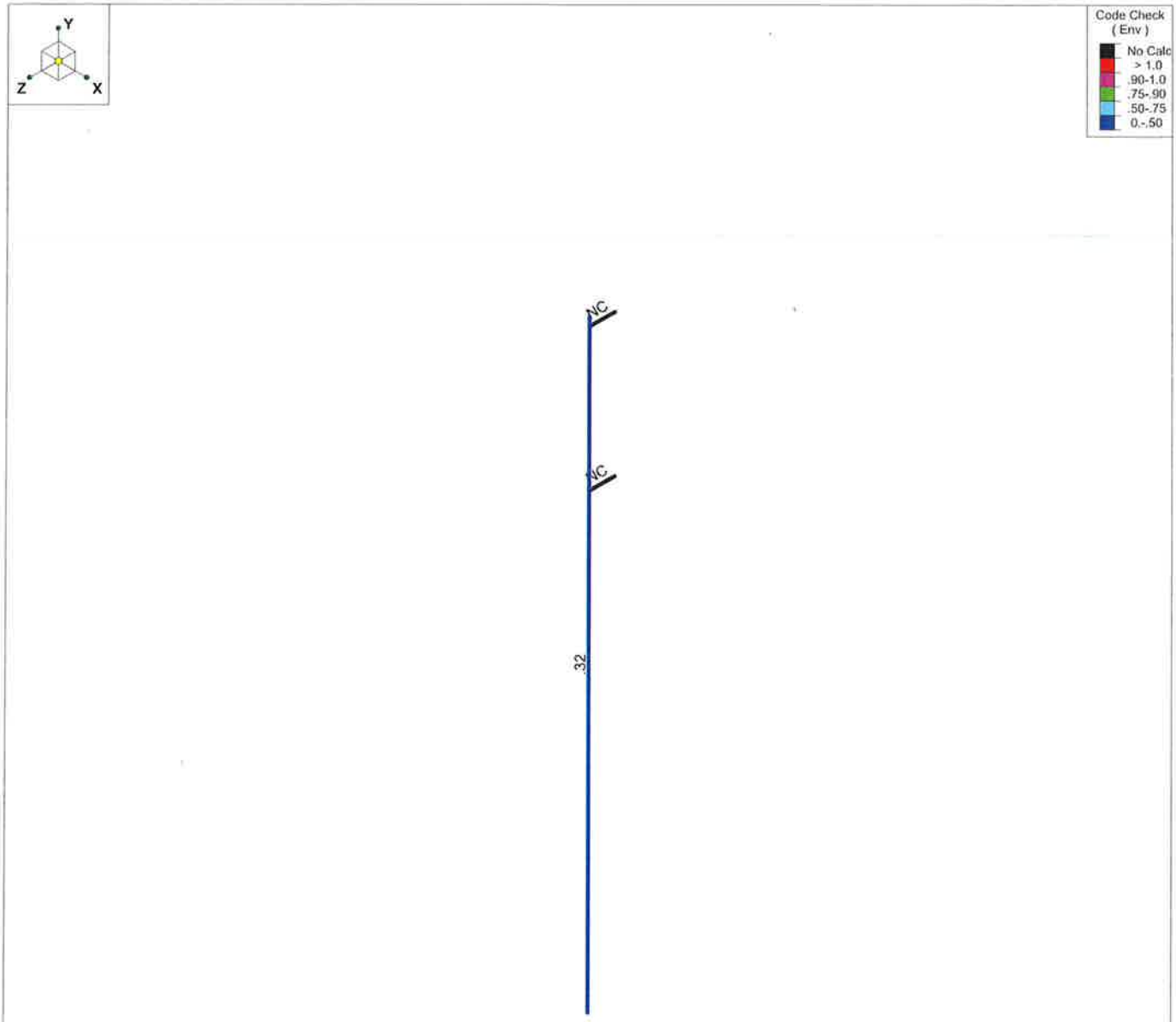
Our evaluation is completed using standard TIA, AISC, ACI, and ASCE methods and procedures. Our structural results are proprietary and should not be used by others as their own. Infinigy Engineering is not responsible for decisions made by others that are or are not based on our supplied assumptions and conclusions.

This report is an evaluation of the any rooftop mounted equipment and/or antenna supporting structures to be proposed or modified as shown in the referenced construction drawings. Applicable building element adequacy to support these structures is also evaluated when the applied forces increase significantly based on engineering judgment.



Envelope Only Solution

Infinigy Engineering, PLLC.	CT81XC007 Alpha/Beta	Final Configuration
KLB		Apr 12, 2019 at 4:27 PM
526-101		CT81XC007A-B.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Infinigy Engineering, PLLC.	CT81XC007 Alpha/Beta	Bending Check
KLB		Apr 12, 2019 at 4:26 PM
526-101		CT81XC007A-B.r3d

Site Name:	CT03XC350/CT81XC007
Client:	JP Consulting
Carrier:	Sprint
Engineer:	KLB
Date:	8/14/2019

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INFINIGY WIND LOAD CALCULATOR 4.0.2

Site Information Inputs:

Adopted Building Code:	2015 IBC
Structure Load Standard:	TIA-222-G
Antenna Load Standard:	TIA-222-G
Structure Risk Category:	II
Structure Type:	Mount - Pipe
Number of Sectors:	6
Main Structure Shape:	Round

Rooftop Inputs:

Rooftop Wind Speed-Up?:	No

Wind Loading Inputs:

Design Wind Velocity:	93	mph (nominal 3-second gust)
Wind Centerline 1 (z_1):	131.0	ft
Side Face Angle (θ):	60	degrees
Exposure Category:	C	
Topographic Category:	1	

Wind with No Ice		
q_z (psf)	Gh	F_{ST} (psf)
28.18	1.00	**33.81**

Wind with Ice		
q_z (psf)	Gh	F_{ST} (psf)
8.15	1.00	**21.48**

Ice Loading Inputs:

Is Ice Loading Needed?:	Yes	
Ice Wind Velocity:	50	mph (nominal 3-second gust)
Base Ice Thickness:	0.75	in

Appurtenances	Elevation (ft)	Total Quantity	Ka	Front Shape	Side Shape	q_z (psf)	EPA (ft^2)	Fz (lbs)	Fx (lbs)	Fz(60) (lbs)	Fx(30) (lbs)
CCI ANTENNAS HPA33R-CS4AA-K	131.0	2	1.00	Flat	Flat	28.18	7.23	203.83	105.65	130.20	179.29
CCI ANTENNAS HPA33R-CS4AA-K	155.0	2	1.00	Flat	Flat	29.19	7.23	211.18	109.46	134.89	185.75
CCI ANTENNAS HPA33R-CS4AA-K	159.0	2	1.00	Flat	Flat	29.35	7.23	212.31	110.05	135.62	186.75
NOKIA AAHC	131.0	1	1.00	Flat	Flat	28.18	4.21	118.68	58.41	73.48	103.62
NOKIA AAHC	131.0	1	1.00	Flat	Flat	28.18	4.21	118.68	58.41	73.48	103.62
NOKIA AAHC	155.0	2	1.00	Flat	Flat	29.19	4.21	122.96	60.52	76.13	107.35
NOKIA AAHC	159.0	2	1.00	Flat	Flat	29.35	4.21	123.62	60.85	76.54	107.93
ALCATEL LUCENT TME-800MHZ RRH	131.0	1	1.00	Flat	Flat	28.18	2.13	60.14	49.96	52.51	57.59
ALCATEL LUCENT TME-800MHZ RRH	131.0	1	1.00	Flat	Flat	28.18	2.13	60.14	49.96	52.51	57.59
ALCATEL LUCENT TME-800MHZ RRH	155.0	2	1.00	Flat	Flat	29.19	2.13	62.31	51.76	54.40	59.67
ALCATEL LUCENT TME-800MHZ RRH	159.0	2	1.00	Flat	Flat	29.35	2.13	62.64	52.04	54.69	59.99
ALCATEL LUCENT TME-1900MHZ RRH	131.0	1	1.00	Flat	Flat	28.18	2.49	70.21	91.82	86.41	75.61
ALCATEL LUCENT TME-1900MHZ RRH	131.0	1	1.00	Flat	Flat	28.18	2.49	70.21	91.82	86.41	75.61
ALCATEL LUCENT TME-1900MHZ RRH	131.0	2	1.00	Flat	Flat	28.18	2.49	70.21	91.82	86.41	75.61
ALCATEL LUCENT TME-1900MHZ RRH	155.0	6	1.00	Flat	Flat	29.19	2.49	72.74	95.13	89.53	78.34
ALCATEL LUCENT TME-1900MHZ RRH	159.0	2	1.00	Flat	Flat	29.35	2.49	73.13	95.64	90.01	78.76

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	MP1	N1A	N1			3.5" STD Pipe	Beam	None	A53 Gr.B	Typical
2	M2A	N3	N3A			RIGID	None	None	RIGID	Typical
3	M3	N4	N5			RIGID	None	None	RIGID	Typical

Material Takeoff

	Material	Size	Pieces	Length[in]	Weight[LB]
1	General				
2	RIGID		2	6	0
3	Total General		2	6	0
4					
5	Hot Rolled Steel				
6	A53 Gr.B	PIPE_2.5	1	72	32.9
7	Total HR Steel		1	72	32.9

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Self Weight	DL		-1			5			
2	Wind Load AZI 000	WLZ					5		1	
3	Wind Load AZI 090	WLX					5		1	
4	Ice Weight	OL1					5	3		
5	Wind + Ice Load AZI ...	OL2					5		1	
6	Wind + Ice Load AZI ...	OL3					5		1	
7	Service Live 1	LL								
8	BLC 2 Transient Area..	None						1		
9	BLC 3 Transient Area..	None						3		
10	BLC 5 Transient Area..	None						1		
11	BLC 6 Transient Area..	None						3		

Load Combinations

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
1	1.4D	Yes	Y		DL	1.4																				
2	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	1.6																		
3	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	1.386	W...	.8																
4	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	.8	W...	1.386																
5	1.2D + 1.6..	Yes	Y		DL	1.2			W...	1.6																
6	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-.8	W...	1.386																
7	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-1.3...	W...	.8																
8	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-1.6																		
9	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-1.3...	W...	-.8																
10	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-.8	W...	-1.3...																
11	1.2D + 1.6..	Yes	Y		DL	1.2			W...	-1.6																
12	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	.8	W...	-1.3...																
13	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	1.386	W...	-.8																
14	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	1.6																		
15	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	1.386	W...	.8																
16	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	.8	W...	1.386																
17	0.9D + 1.6..	Yes	Y		DL	.9			W...	1.6																
18	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-.8	W...	1.386																
19	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-1.3...	W...	.8																
20	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-1.6																		
21	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-1.3...	W...	-.8																

Load Combinations (Continued)

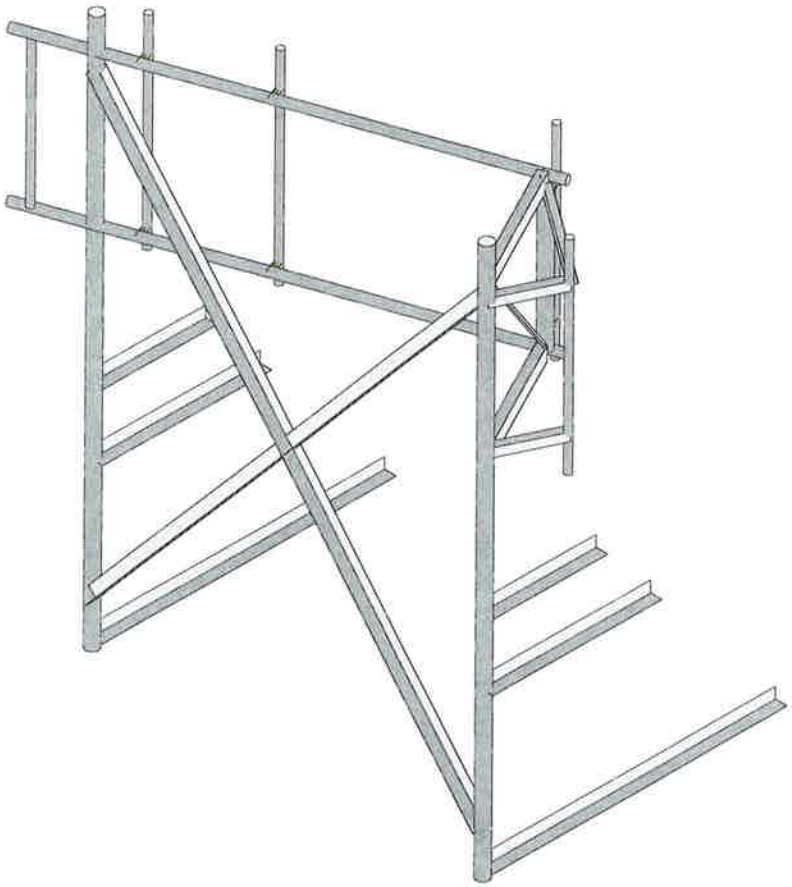
	Description	Sol..	PD..	SR..	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
22	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-.8	W...	-1.3...																
23	0.9D + 1.6..	Yes	Y		DL	.9			W...	-1.6																
24	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	.8	W...	-1.3...																
25	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	1.386	W...	-.8																
26	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1																		
27	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	1																
28	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.866	OL3	.5														
29	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.5	OL3	.866														
30	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1			OL3	1														
31	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.5	OL3	.866														
32	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.866	OL3	.5														
33	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-1																
34	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.866	OL3	-.5														
35	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.5	OL3	-.866														
36	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1			OL3	-1														
37	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.5	OL3	-.866														
38	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.866	OL3	-.5														
39	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.104																
40	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.09	W...	.052														
41	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.052	W...	.09														
42	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5			W...	.104														
43	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.052	W...	.09														
44	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.09	W...	.052														
45	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.104																
46	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.09	W...	-.052														
47	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.052	W...	-.09														
48	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5			W...	-.104														
49	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.052	W...	-.09														
50	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.09	W...	-.052														

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N3A	max	10.26	5	14.012	27	10.26	14	1.147	20	2.565	5	2.123	5
2		min	-10.26	11	3.903	20	-10.26	8	-4.202	27	-2.565	11	-2.123	11
3	N5	max	534.735	17	839.727	33	578.287	2	1063.788	20	133.684	17	1125.012	17
4		min	-534.735	23	245.838	14	-578.287	20	-1206.338	2	-133.684	23	-1125.012	23
5	Totals:	max	544.995	17	853.739	38	588.547	14						
6		min	-544.995	11	249.742	14	-588.547	8						

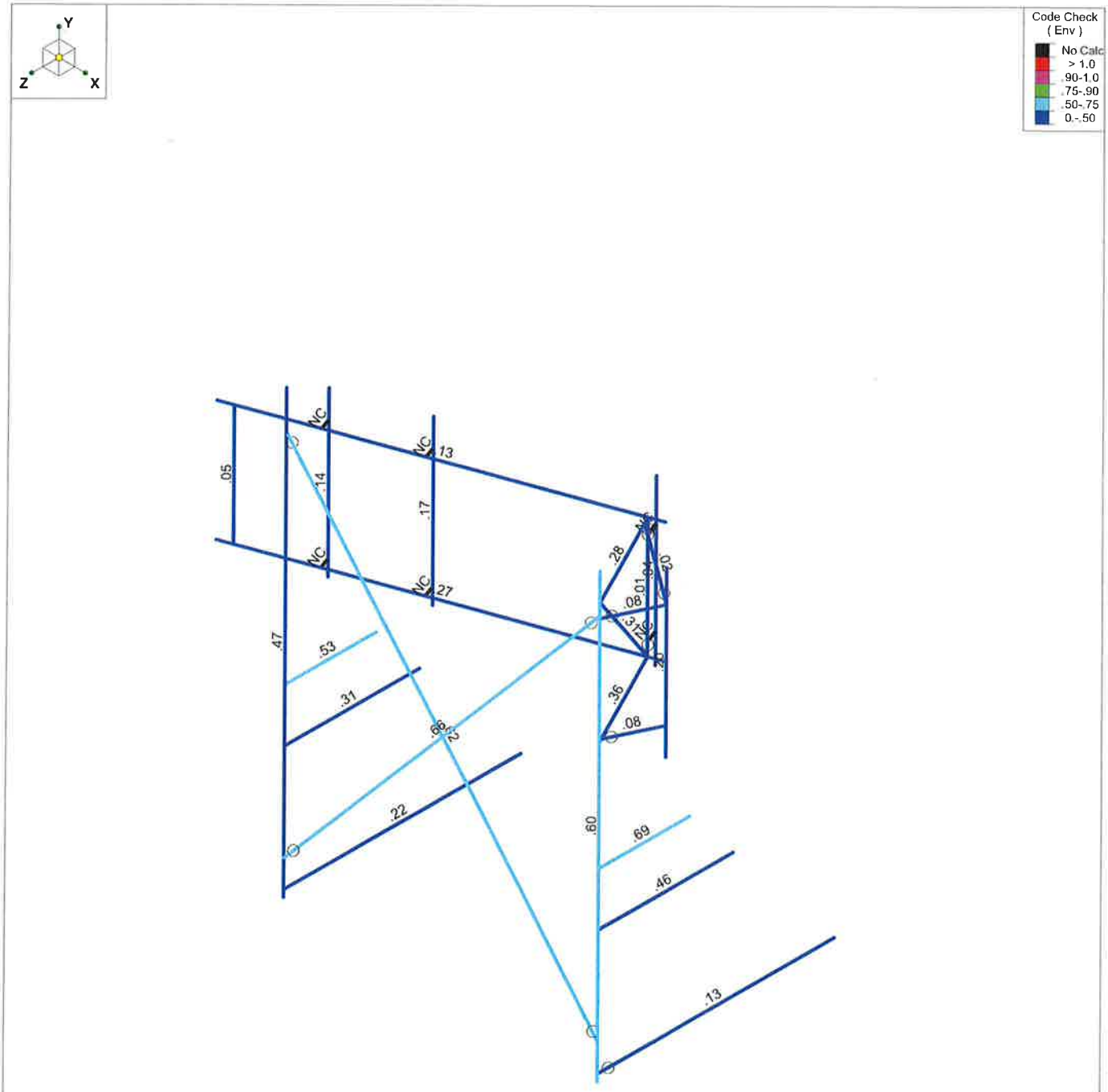
Envelope AISC 15th(360-16): LRFD Steel Code Checks

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	MP1	PIPE_2.5	.316	18	13	.037	18		20	37773.8...	50715	3596.25	3596.25	1....	H1-1b



Envelope Only Solution

Infinigy Engineering, PLLC	CT81XC007 Gamma/ CT03XC350 Alpha	Final Configuration
KLB		Apr 12, 2019 at 4:17 PM
526-101		CT03XC350A-CT81XC007G.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Infinigy Engineering, PLLC	CT81XC007 Gamma/ CT03XC350 Alpha	Bending Check
KLB		Apr 12, 2019 at 4:18 PM
526-101		CT03XC350A-CT81XC007G.r3d

Site Name:	CT03XC350/CT81XC007
Client:	JP Consulting
Carrier:	Sprint
Engineer:	KLB
Date:	8/14/2019

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless

INFINIGY WIND LOAD CALCULATOR 4.0.2

Site Information Inputs:

Adopted Building Code:	2015 IBC
Structure Load Standard:	TIA-222-G
Antenna Load Standard:	TIA-222-G
Structure Risk Category:	II
Structure Type:	Mount - Pipe
Number of Sectors:	6
Main Structure Shape:	Round

Rooftop Inputs:

Rooftop Wind Speed-Up?: No

Wind Loading Inputs:

Design Wind Velocity:	93	mph (nominal 3-second gust)
Wind Centerline 1 (z_1):	155.0	ft
Side Face Angle (θ):	60	degrees
Exposure Category:	C	
Topographic Category:	1	

Wind with No Ice		
q_z (psf)	Gh	F_{ST} (psf)
29.19	1.00	**35.03**

Wind with Ice		
q_z (psf)	Gh	F_{ST} (psf)
8.44	1.00	**20.30**

Ice Loading Inputs:

Is Ice Loading Needed?:	Yes	
Ice Wind Velocity:	50	mph (nominal 3-second gust)
Base Ice Thickness:	0.75	in

Appurtenances	Elevation (ft)	Total Quantity	Ka	Front Shape	Side Shape	q_z (psf)	EPA (ft^2)	Fz (lbs)	Fx (lbs)	Fz(60) (lbs)	Fx(30) (lbs)
CCI ANTENNAS HPA33R-CS4AA-K	131.0	2	1.00	Flat	Flat	28.18	7.23	203.83	105.65	130.20	179.29
CCI ANTENNAS HPA33R-CS4AA-K	155.0	1	1.00	Flat	Flat	29.19	7.23	211.18	109.46	134.89	185.75
CCI ANTENNAS HPA33R-CS4AA-K	155.0	1	1.00	Flat	Flat	29.19	7.23	211.18	109.46	134.89	185.75
CCI ANTENNAS HPA33R-CS4AA-K	159.0	2	1.00	Flat	Flat	29.35	7.23	212.31	110.05	135.62	186.75
NOKIA AAHC	155.0	1	1.00	Flat	Flat	29.19	4.21	122.96	60.52	76.13	107.35
NOKIA AAHC	155.0	1	1.00	Flat	Flat	29.19	4.21	122.96	60.52	76.13	107.35
NOKIA AAHC	131.0	2	1.00	Flat	Flat	28.18	4.21	118.68	58.41	73.48	103.62
NOKIA AAHC	159.0	2	1.00	Flat	Flat	29.35	4.21	123.62	60.85	76.54	107.93
ALCATEL LUCENT TME-800MHZ RRH	155.0	1	1.00	Flat	Flat	29.19	2.13	62.31	51.76	54.40	59.67
ALCATEL LUCENT TME-800MHZ RRH	155.0	1	1.00	Flat	Flat	29.19	2.13	62.31	51.76	54.40	59.67
ALCATEL LUCENT TME-800MHZ RRH	131.0	2	1.00	Flat	Flat	28.18	2.13	60.14	49.96	52.51	57.59
ALCATEL LUCENT TME-800MHZ RRH	159.0	2	1.00	Flat	Flat	29.35	2.13	62.64	52.04	54.69	59.99
ALCATEL LUCENT TME-1900MHZ RRH	155.0	1	1.00	Flat	Flat	29.19	2.49	72.74	95.13	89.53	78.34
ALCATEL LUCENT TME-1900MHZ RRH	155.0	1	1.00	Flat	Flat	29.19	2.49	72.74	95.13	89.53	78.34
ALCATEL LUCENT TME-1900MHZ RRH	155.0	1	1.00	Flat	Flat	29.19	2.49	72.74	95.13	89.53	78.34
ALCATEL LUCENT TME-1900MHZ RRH	155.0	1	1.00	Flat	Flat	29.19	2.49	72.74	95.13	89.53	78.34
ALCATEL LUCENT TME-1900MHZ RRH	131.0	4	1.00	Flat	Flat	28.18	2.49	70.21	91.82	86.41	75.61
ALCATEL LUCENT TME-1900MHZ RRH	159.0	2	1.00	Flat	Flat	29.35	2.49	73.13	95.64	90.01	78.76

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N5	N12			Horizontal 1	Beam	Pipe	A53 GR B	Typical
2	M2	N6	N13			Horizontal 1	Beam	Pipe	A53 GR B	Typical
3	M3	N1	N2			Pipe Mast	Beam	Pipe	A53 GR B	Typical
4	M5	N7	N8			Pipe Mount	Beam	Pipe	A53 GR B	Typical
5	M6	N14	N15			Pipe Mast	Beam	Pipe	A53 GR B	Typical
6	MP1	N23	N24			Pipe Mount	Beam	Pipe	A53 GR B	Typical
7	M10	N3	N19			RIGID	None	None	RIGID	Typical
8	M11	N4	N20			RIGID	None	None	RIGID	Typical
9	MP2	N35	N36			Pipe Mount	Beam	Pipe	A53 GR B	Typical
10	M16	N31	N33			RIGID	None	None	RIGID	Typical
11	M17	N32	N34			RIGID	None	None	RIGID	Typical
12	M18	N37	N14		180	L5x3x1/4	Beam	Single Angle	A36 Gr.36	Typical
13	M19	N38	N15		180	L5x3x1/4	Beam	Single Angle	A36 Gr.36	Typical
14	M20	N40	N39			Pipe Mast	Beam	Pipe	A53 GR B	Typical
15	M21	N37	N15			Angle Brace	Beam	Single Angle	A36 Gr.36	Typical
16	MP4	N46	N45			Pipe Mount	Beam	Pipe	A53 GR B	Typical
17	M23	N43	N41			Site Pro Stand...	Beam	SquareTube	A53 GR B	Typical
18	M24	N44	N42			Site Pro Stand...	Beam	SquareTube	A53 GR B	Typical
19	M25	N24A	N49			L4x4x4	Beam	Single Angle	A36 Gr.36	Typical
20	M26	N48	N50			L4x4x4	Beam	Single Angle	A36 Gr.36	Typical
21	M27	N23A	N51			L4x4x4	Beam	Single Angle	A36 Gr.36	Typical
22	M28	N47	N52			L4x4x4	Beam	Single Angle	A36 Gr.36	Typical
23	M29	N43	N73			Tieback	Beam	Single Angle	A36 Gr.36	Typical
24	M30	N85	N88			Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
25	M31	N87	N86			Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
26	M32	N91	N95			L4x4x4	Beam	Single Angle	A36 Gr.36	Typical
27	M33	N92	N96			L4x4x4	Beam	Single Angle	A36 Gr.36	Typical
28	M28A	N67	N11			RIGID	None	None	RIGID	Typical
29	M29A	N66	N68			RIGID	None	None	RIGID	Typical
30	MP3	N11B	N11A			Pipe Mount	Beam	Pipe	A53 GR B	Typical

Material Takeoff

	Material	Size	Pieces	Length[in]	Weight[LB]
1	General				
2	RIGID		6	33.6	0
3	Total General		6	33.6	0
4					
5	Hot Rolled Steel				
6	A36 Gr.36	L1/2x1/2x1/8	1	71.8	6
7	A36 Gr.36	L3X3X3	1	36.5	11.3
8	A36 Gr.36	L4X4X4	8	833.4	456.1
9	A36 Gr.36	L5X3X4	2	96.7	53.2
10	A53 GR B	HSS3X3X3	2	44	23.6
11	A53 GR B	PIPE_2.0	5	341	98.6
12	A53 GR B	PIPE_2.5	2	309	141.1
13	A53 GR B	PIPE_4.0X	3	441	517.7
14	Total HR Steel		24	2173.3	1307.6

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Self Weight	DL		-1			14	1		
2	Wind Load AZI 000	WLZ					14		1	
3	Wind Load AZI 090	WLX					14		1	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
4	Ice Weight	OL1					14	30		
5	Wind + Ice Load AZI ...	OL2					14		1	
6	Wind + Ice Load AZI ...	OL3					14		1	
7	BLC 2 Transient Area...	None						24		
8	BLC 3 Transient Area...	None						30		
9	BLC 5 Transient Area...	None						24		
10	BLC 6 Transient Area...	None						30		

Load Combinations

	Description	Sol..	PD..	SR..	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
1	1.4D	Yes	Y		DL	1.4																		
2	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	1.6																
3	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	1.386	W...	.8														
4	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	.8	W...	1.386														
5	1.2D + 1.6..	Yes	Y		DL	1.2			W...	1.6														
6	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-.8	W...	1.386														
7	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-1.3...	W...	.8														
8	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-1.6																
9	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-1.3...	W...	-.8														
10	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	-.8	W...	-1.3...														
11	1.2D + 1.6..	Yes	Y		DL	1.2			W...	-1.6														
12	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	.8	W...	-1.3...														
13	1.2D + 1.6..	Yes	Y		DL	1.2	WLZ	1.386	W...	-.8														
14	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	1.6																
15	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	1.386	W...	.8														
16	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	.8	W...	1.386														
17	0.9D + 1.6..	Yes	Y		DL	.9			W...	1.6														
18	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-.8	W...	1.386														
19	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-1.3...	W...	.8														
20	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-1.6																
21	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-1.3...	W...	-.8														
22	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	-.8	W...	-1.3...														
23	0.9D + 1.6..	Yes	Y		DL	.9			W...	-1.6														
24	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	.8	W...	-1.3...														
25	0.9D + 1.6..	Yes	Y		DL	.9	WLZ	1.386	W...	-.8														
26	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1																
27	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	1														
28	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.866	OL3	.5												
29	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.5	OL3	.866												
30	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1			OL3	1												
31	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.5	OL3	.866												
32	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.866	OL3	.5												
33	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-1														
34	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.866	OL3	-.5												
35	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	-.5	OL3	-.866												
36	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1			OL3	-1												
37	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.5	OL3	-.866												
38	1.2D + 1.0..	Yes	Y		DL	1.2	OL1	1	OL2	.866	OL3	-.5												
39	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.104														
40	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.09	W...	.052												
41	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	.052	W...	.09												
42	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5			W...	.104												
43	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.052	W...	.09												
44	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.09	W...	.052												
45	1.2D + 1.5..	Yes	Y		DL	1.2	LL	1.5	WLZ	-.104														

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
46	1.2D + 1.5...	Yes	Y		DL	1.2	LL	1.5	WLZ	-.09	W...	-.052														
47	1.2D + 1.5...	Yes	Y		DL	1.2	LL	1.5	WLZ	-.052	W...	-.09														
48	1.2D + 1.5...	Yes	Y		DL	1.2	LL	1.5			W...	-.104														
49	1.2D + 1.5...	Yes	Y		DL	1.2	LL	1.5	WLZ	.052	W...	-.09														
50	1.2D + 1.5...	Yes	Y		DL	1.2	LL	1.5	WLZ	.09	W...	-.052														

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N49	max	630.25	24	258.932	20	0	50	0	50	0	50	0	50
2		min	-783.431	6	-749.26	27	0	1	0	1	0	1	0	1
3	N50	max	1329.8	11	221.436	17	0	50	0	50	0	50	0	50
4		min	-859.445	17	-2074.86	36	0	1	0	1	0	1	0	1
5	N51	max	113.438	5	30.283	24	0	50	0	50	0	50	0	50
6		min	-62.537	23	-47.921	6	0	1	0	1	0	1	0	1
7	N52	max	47.616	16	47.422	27	0	50	0	50	0	50	0	50
8		min	-79.807	10	6.064	19	0	1	0	1	0	1	0	1
9	N53	max	79.797	25	740.889	31	255.144	28	0	50	0	50	0	50
10		min	-454.694	32	-77.662	24	-114.543	21	0	1	0	1	0	1
11	N54	max	201.402	31	199.782	33	129.732	2	0	50	0	50	0	50
12		min	-41.136	24	32.306	25	-88.41	20	0	1	0	1	0	1
13	N57	max	1349.528	6	1502.11	2	4437.281	2	0	50	0	50	0	50
14		min	-1059.626	24	-659.549	20	-4277.661	20	0	1	0	1	0	1
15	N58	max	1354.274	17	3574.17	37	5782.383	2	0	50	0	50	0	50
16		min	-2050.319	11	-224.819	18	-5714.44	20	0	1	0	1	0	1
17	N93	max	223.972	15	810.221	32	2913.69	20	0	50	0	50	0	50
18		min	-330.068	9	-199.079	25	-3235.559	2	0	1	0	1	0	1
19	N94	max	409.585	4	1201.562	34	4115.353	20	0	50	0	50	0	50
20		min	-282.227	22	-448.69	15	-4267.492	2	0	1	0	1	0	1
21	N95	max	77.694	34	16.987	25	0	50	0	50	0	50	0	50
22		min	-2.209	16	-198.454	31	0	1	0	1	0	1	0	1
23	N96	max	107.812	10	120.796	15	0	50	0	50	0	50	0	50
24		min	-107.376	16	-334.245	34	0	1	0	1	0	1	0	1
25	N97	max	2554.66	5	2026.77	31	917.419	2	0	50	0	50	0	50
26		min	-2395.645	23	263.574	24	-852.163	20	0	1	0	1	0	1
27	Totals:	max	3943.231	5	5965.359	33	3991.986	14						
28		min	-3943.226	23	1691.152	14	-3991.99	8						

Envelope AISC 15th(360-16): LRFD Steel Code Checks

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M26	L4X4X4	.694	0	27	.108	30	y	36	48730.6...	62532	3137.597	6714.886	2....	H2-1
2	M31	L4X4X4	.658	106....	3	.022	106....	z	2	5864.933	62532	3137.597	4118.705	1....	H2-1
3	M30	L4X4X4	.617	106....	13	.021	106....	z	2	5864.933	62532	3137.597	4145.077	1....	H2-1
4	M20	PIPE_4.0X	.600	82.8...	2	.144	80.8...		2	54393.7...	130410	14516.25	14516.25	2....	H1-1b
5	M25	L4X4X4	.527	0	2	.041	30	z	6	48730.6...	62532	3137.597	6714.886	2....	H2-1
6	M3	PIPE_4.0X	.468	82.8...	2	.148	80.8...		8	54393.7...	130410	14516.25	14516.25	1....	H1-1b
7	M33	L4X4X4	.461	0	9	.042	29.6	y	34	43429.7...	62532	3137.597	6593.561	1....	H2-1
8	M19	L5X3X4	.364	0	27	.018	0	y	27	41950.4...	62856	1574.351	5528.512	1....	H2-1
9	M21	L1/2x1/2x1/8	.306	71.7...	32	.010	0	z	6	615.735	9618.75	105.339	279.779	2....	H2-1
10	M32	L4X4X4	.306	0	7	.029	29.6	y	32	43429.7...	62532	3137.597	6714.886	2....	H2-1
11	M18	L5X3X4	.281	0	4	.023	0	z	4	41950.4...	62856	1938.892	6808.638	1....	H2-1
12	M2	PIPE_2.5	.271	24.1...	28	.173	24.1...		2	13723.0...	50715	3596.25	3596.25	3....	H1-1b
13	M27	L4X4X4	.215	0	30	.029	29.25	y	31	24703.2...	62532	3137.597	5769.819	1....	H2-1
14	MP4	PIPE_2.0	.197	57.75	28	.076	57.75		4	20866.7...	32130	1871.625	1871.625	1....	H1-1b
15	MP2	PIPE_2.0	.170	12	27	.048	64.5		30	20866.7...	32130	1871.625	1871.625	1.8	H1-1b

Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
16	MP1	PIPE_2.0	.142	64.5	31	.033	12		3	20866.7...	32130	1871.625	1871.625	1...	H1-1b
17	M28	L4X4X4	.135	30.3...	33	.007	0	z	34	24703.2...	62532	3137.597	5209.715	1...	H2-1
18	M1	PIPE_2.5	.127	24.1...	3	.071	24.1...		8	13723.0...	50715	3596.25	3596.25	1...	H1-1b
19	M24	HSS3X3X3	.079	0	29	.048	22	z	10	58412.63	59535	5171.25	5171.25	1...	H1-1b
20	M23	HSS3X3X3	.079	0	29	.041	22	y	4	58412.63	59535	5171.25	5171.25	1...	H1-1b
21	M5	PIPE_2.0	.048	53	13	.016	53		3	25429.3...	32130	1871.625	1871.625	1...	H1-1b
22	MP3	PIPE_2.0	.036	13.5	8	.022	54		3	20866.7...	32130	1871.625	1871.625	1...	H1-1b
23	M29	L3X3X3	.020	18.23	29	.014	36.4...	y	29	25906.2...	35316	1320.097	2676.532	1...	H2-1
24	M6	PIPE_4.0X	.009	28.7...	12	.027	53		4	122170....	130410	14516.25	14516.25	1...	H1-1b

EXHIBIT G

DOCKET NO. 79

AN APPLICATION OF METRO MOBILE CTS OF FAIRFIELD COUNTY, INC., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR CELLULAR TELEPHONE ANTENNAS AND ASSOCIATED EQUIPMENT IN THE CITY OF DANBURY, CONNECTICUT.	:	CONNECTICUT SITING COUNCIL
	:	SEPTEMBER 10, 1987

DECISION AND ORDER

Pursuant to the foregoing opinion, the Connecticut Siting Council hereby directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the General Statutes of Connecticut (CGS), be issued to Metro Mobile CTS of Fairfield County, Inc., for the construction, operation, and maintenance of cellular mobile telephone antennas in the City of Danbury, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record on this matter, and subject to the following conditions.

1. The facility shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations.
2. The Certificate holder shall notify the Federal Aviation Administration of its intention to mount antennas on the Danbury Hospital, and provide it the opportunity to comment prior to initiation of construction. A copy of the notification to the Federal Aviation Administration shall be sent to the City of Danbury's Airport Administrator.

3. The Certificate holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application is added to this facility.
4. If this facility does not provide or permanently ceases to provide cellular service following completion of construction, this Decision and Order shall be void, and the antennas and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.
5. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision.
6. The certificate holder shall comply with any future radio frequency (RF) standards promulgated by state or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision shall be brought into compliance with such standards.

Pursuant to CGS Section 16-50p, we hereby direct that a copy of this Decision and Order be served on each person listed below. A notice of the issuance shall be published in the Danbury News-Times.

The parties to the proceeding are:

Metro Mobile CTS of Fairfield County, Inc. (applicant)
50 Rockland Road
South Norwalk, CT 06854
Attn: Peter Kelley, Vice President

Howard L. Slater, Esq. (its representatives)
Jennifer Young Gaudet, Esq.
Byrne, Slater, Sandler,
Shulman & Rouse, P.C.
330 Main Street
PO Box 3216
Hartford, CT 06103

Fleischman and Walsh, P.C.
1725 N Street, N.W.
Washington, DC 20036
Attn: Richard Rubin, Esq.
Jonathan Cohen, Esq.

SNET Cellular, Inc. (intervenor)
c/o Peter J. Tyrrell
Senior Attorney
227 Church Street
New Haven, CT 06506

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard the case in Docket 79 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 10th day of September, 1987.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner Peter Boucher Designee: Kathy A. Geppert	Yes
Commissioner Leslie Carothers Designee: Brian Emerick	Absent
Owen L. Clark	Yes
Fred J. Doocy	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
William H. Smith	Yes
Colin C. Tait	Yes

0217E

Pacifico
220 and 230 College Timeline
August 30, 2019

	230 College	220 College
Signing of lease	9/5/2019	9/5/2019
Initial Plans	10/1/2019	11/1/2019
Final Plans	10/15/2019	12/1/2019
Possession	11/1/2019	Tenant is in Possession
Work Completion	2/28/2020	4/15/2020
Rent Commence	3/1/2020	4/15/2020
Days of Free Rent	120 days	45 days
Days of Free Rent	11/1/2019 to 2/28/2020	3/01/2020 to 4/15/2020

EXHIBIT H

Shipment Receipt

Transaction Date: 03 Sep 2019 **Tracking Number:** 1Z77X79X0190365224

1 ADDRESS INFORMATION

Ship To:
City of Danbury
Mayor Mark D. Boughton
155 Deer Hill Avenue
DANBURY CT 06810

Ship From:
BROWN RUDNICK LLP
THOMAS J. REGAN
185 Asylum Street
Hartford CT 06103
Telephone:860-509-6522
email:tregan@brownrudnick.com

Return Address:
BROWN RUDNICK LLP
THOMAS J. REGAN
185 Asylum Street
Hartford CT 06103
Telephone:860-509-6522 email:tregan@brownrudnick.com

2 PACKAGE INFORMATION

	WEIGHT	DIMENSIONS / PACKAGING	DECLARED VALUE	REFERENCE NUMBERS
1.	Letter (Letter billable)	UPS Letter		Client Matter Code - 080563.3289 Employee ID - 0825

3 UPS SHIPPING SERVICE AND SHIPPING OPTIONS

Service: UPS Next Day Air

Guaranteed By: 10:30 AM Wednesday, Sep 4, 2019

Shipping Fees Subtotal: 26.36 USD

Transportation 24.64 USD

Fuel Surcharge 1.72 USD

Additional Shipping Options

Quantum View Notify E-mail Notifications: No Charge

1 cteltelbaum@brownrudnick.com: Exception, Delivery

4 PAYMENT INFORMATION

Bill Shipping Charges to: Shipper's Account 77X79X

Shipping Charges: **26.36 USD**

A discount has been applied for this shipment.

Negotiated Charges: **10.55 USD**

Subtotal Shipping Charges: **10.55 USD**

Total Charges: **10.55 USD**

Note: This document is not an invoice. Your final invoice may vary from the displayed reference rates.

* For delivery and guarantee information, see the UPS Service Guide ({0}). To speak to a customer service representative, call 1-800-PICK-UPS for domestic services an 1-800-782-7892 for international services.

Shipment Receipt

Transaction Date: 03 Sep 2019 **Tracking Number:** 1Z77X79X0191264831

1 ADDRESS INFORMATION

Ship To:
City of Danbury
Director Sharon B. Calitro
155 Deer Hill Avenue
Planning & Zoning
DANBURY CT 06810

Ship From:
BROWN RUDNICK LLP
THOMAS J. REGAN
185 Asylum Street
Hartford CT 06103
Telephone:860-509-6522
email:tregan@brownrudnick.com

Return Address:
BROWN RUDNICK LLP
THOMAS J. REGAN
185 Asylum Street
Hartford CT 06103
Telephone:860-509-6522 email:tregan@brownrudnick.com

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Shipment Receipt

Transaction Date: 03 Sep 2019 **Tracking Number:** 1Z77X79X0191501440

1 ADDRESS INFORMATION

Ship To:
Danbury Hospital
Charles Geyer, Dir. of Engineering
24 Hospital Avenue
DANBURY CT 06810

Ship From:
BROWN RUDNICK LLP
THOMAS J. REGAN
185 Asylum Street
Hartford CT 06103
Telephone:860-509-6522
email:tregan@brownrudnick.com

Return Address:
BROWN RUDNICK LLP
THOMAS J. REGAN
185 Asylum Street
Hartford CT 06103
Telephone:860-509-6522 email:tregan@brownrudnick.com

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