

January 31, 2024

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

Re: **Notice of Exempt Modification – Facility Modification**
300 Tresser Boulevard (a/k/a 667 East Main Street), Stamford, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains a wireless telecommunications facility at the above-referenced address (the “Property”). Cellco’s facility consists of antennas and remote radio heads attached on the roof of the building and related equipment inside the building at the Property. The Cellco’s existing roof-top facility was approved by the Siting Council in April of 1987 (Docket No. 73). A copy of the Council’s Docket No. 73 Decision and Order is included in Attachment 1.

Cellco’s proposed modification involves the installation of four (4) interference mitigation filters (“Filters”) on the building facade mounting assembly. The Filter specification sheet is included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Stamford’s Chief Elected Official and Land Use Officer and the Property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not result in an increase in the height of the building or the existing antennas or antenna mounting structures. The Filters will be installed on Cellco’s existing antenna mounts.

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2. The proposed modifications will not involve an extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The installation of the new Filters will not result in a change to radio frequency (RF) emissions from the facility. Therefore, no new RF emissions information is included in this filing.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. According to the attached Structural Assessment Letter ("SA") and Antenna Mount Analysis Report ("MA"), the existing structure, and antenna mounts can support Cellco's proposed facility modifications. A copy of the SA and MA are included in Attachment 3.

A copy of the parcel map and Property owner information is included in Attachment 4. A Certificate of Mailing verifying that this filing was sent to municipal officials and the Property owner is included in Attachment 5.

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

Caroline Simmons, Mayor
Ralph Blessing, Land Use Bureau Chief
Bayview Preservation Partners, Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

AN APPLICATION OF METRO MOBILE CTS OF : CONNECTICUT SITING
FAIRFIELD COUNTY, INC., FOR CERTIFICATES :
OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC : COUNCIL
NEED FOR THE CONSTRUCTION, MAINTENANCE,
AND OPERATION OF THREE FACILITIES
CONSISTING OF TELECOMMUNICATIONS TOWERS :
AND ASSOCIATED EQUIPMENT FOR THE PURPOSE
OF PROVIDING DOMESTIC PUBLIC CELLULAR
RADIO TELECOMMUNICATIONS SERVICE IN THE
TOWN OF GREENWICH AND IN THE CITIES OF
NORWALK AND STAMFORD, CONNECTICUT. : April 1, 1987

D E C I S I O N A N D O R D E R

Pursuant to the foregoing opinion, the Connecticut Siting Council (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 telecommunications equipment in the Town of Greenwich, and the Cities of Norwalk and Stamford, Connecticut.

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

1. The Norwalk tower, including antennas, shall be no taller than necessary to provide the proposed service, and in no event shall exceed 193 feet.
2. A fence not lower than eight feet shall surround the Norwalk tower.
3. Unless necessary to comply with condition number four, below, no lights shall be installed on the Norwalk tower.
4. The facilities shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations.

5. The certificate holder shall prepare a development and management (D&M) plan for the Norwalk site in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall provide for evergreen screening around the perimeter of the fence at this site, and for other landscaping to improve the appearance of the facility.
6. The receive antennas at the Greenwich and Stamford sites shall be mounted below the high points of the facades of their respective buildings to minimize their visibility.
7. No construction activities shall take place outside the hours of 7:00 A.M. to 7:00 P.M., Monday through Saturday.
8. 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 these facilities.
9. The certificate holder or its successor shall permit public or private entities to share space on the Norwalk tower, for due consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
10. If these facilities do not provide or permanently cease to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower 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.

11. 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.
12. 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 facilities granted in this Decision shall continue to be in compliance with such standards.

Pursuant to CGS section 16-50p, we hereby direct that a copy of the Decision and Order be served on each person listed below. A notice of the issuance shall be published in the Stamford Advocate, the Greenwich Times, the Norwalk Hour, and the Bridgeport Post.

The parties to the proceeding are:

Mr. Armand Mascioli General Manager Metro Mobile CTS of Fairfield County, Inc. 5 Eversley Avenue Norwalk, Connecticut 06855	(Applicant)
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Howard L. Slater, Esquire Byrne, Slater, Sandler, Shulman & Rouse, P.C. 330 Main Street P.O. Box 3216 Hartford, Connecticut 06103	(its attorney)
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Richard Rubin, Esquire Fleischman and Walsh, P.C. 1725 N Street, N.W. Washington, D.C. 20036	(its attorney)
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Southern New England
Telephone Company

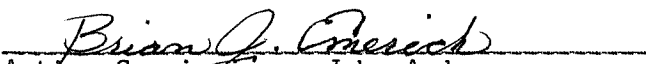
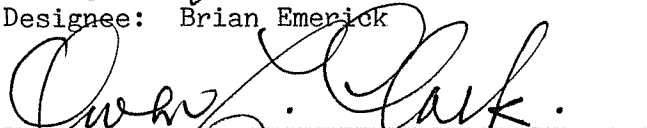
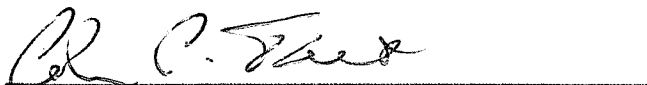
(its attorney)

Mr. Peter J. Tyrrell
Senior Attorney
Southern New England
Telephone Company
227 Church Street
New Haven, Connecticut 06506

C E R T I F I C A T I O N

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

Dated at New Britain, Connecticut, this 1st day of April, 1987.

<u>Council Members</u>	<u>Vote Cast</u>
 Gloria Dibble Pond Chairperson	Yes
 Commissioner John Downey Designee: Commissioner Peter G. Boucher	Yes
 Acting Commissioner John Anderson Designee: Brian Emerick	Yes
 Owen L. Clark	Yes
 Fred J. Doocy	Yes
 Mortimer A. Gelston	Yes
 James G. Horsfall	Absent
 William H. Smith	Absent
 Colin C. Tait	Yes

STATE OF CONNECTICUT

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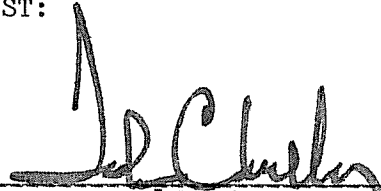
COUNTY OF HARTFORD

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ss. New Britain, April 1, 1987

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:



John C. Kelly
Executive Director
Connecticut Siting Council

I certify that a copy of the opinion and decision and order have been forwarded by mail to all parties of record on April 3, 1987.

ATTEST:



Robert K. Erling
Siting Analyst
Connecticut Siting Council

ATTACHMENT 2

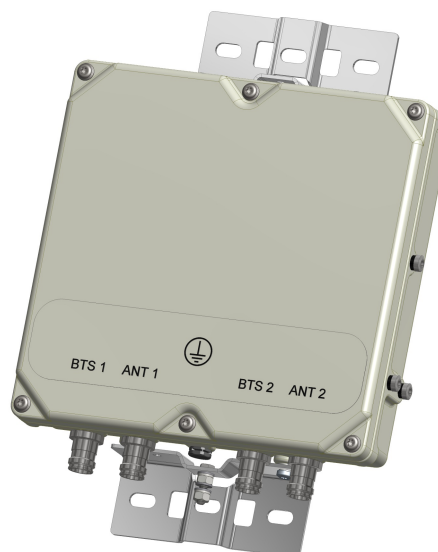
KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available



TECHNICAL SPECIFICATIONS

BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	
ELECTRICAL		
Impedance	50Ohms	
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm	
DC / AISG		
Passband	0 - 13MHz	
Insertion loss	0.3dB maximum	
Return loss	15dB minimum	
Input voltage range	± 33V	
DC current rating	2A continuous, 4A peak	
Compliance	3GPP TS 25.461	
ENVIRONMENTAL		
For further details of environmental compliance, please contact Kaelus.		
Temperature range	-20°C to +60°C -4°F to +140°F	
Ingress protection	IP67	
Altitude	2600m 8530ft	
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.	
MTBF	>1,000,000 hours	
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE	

MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
KA-6030-2032	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)

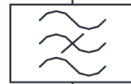
ELECTRICAL BLOCK DIAGRAM

ANT1



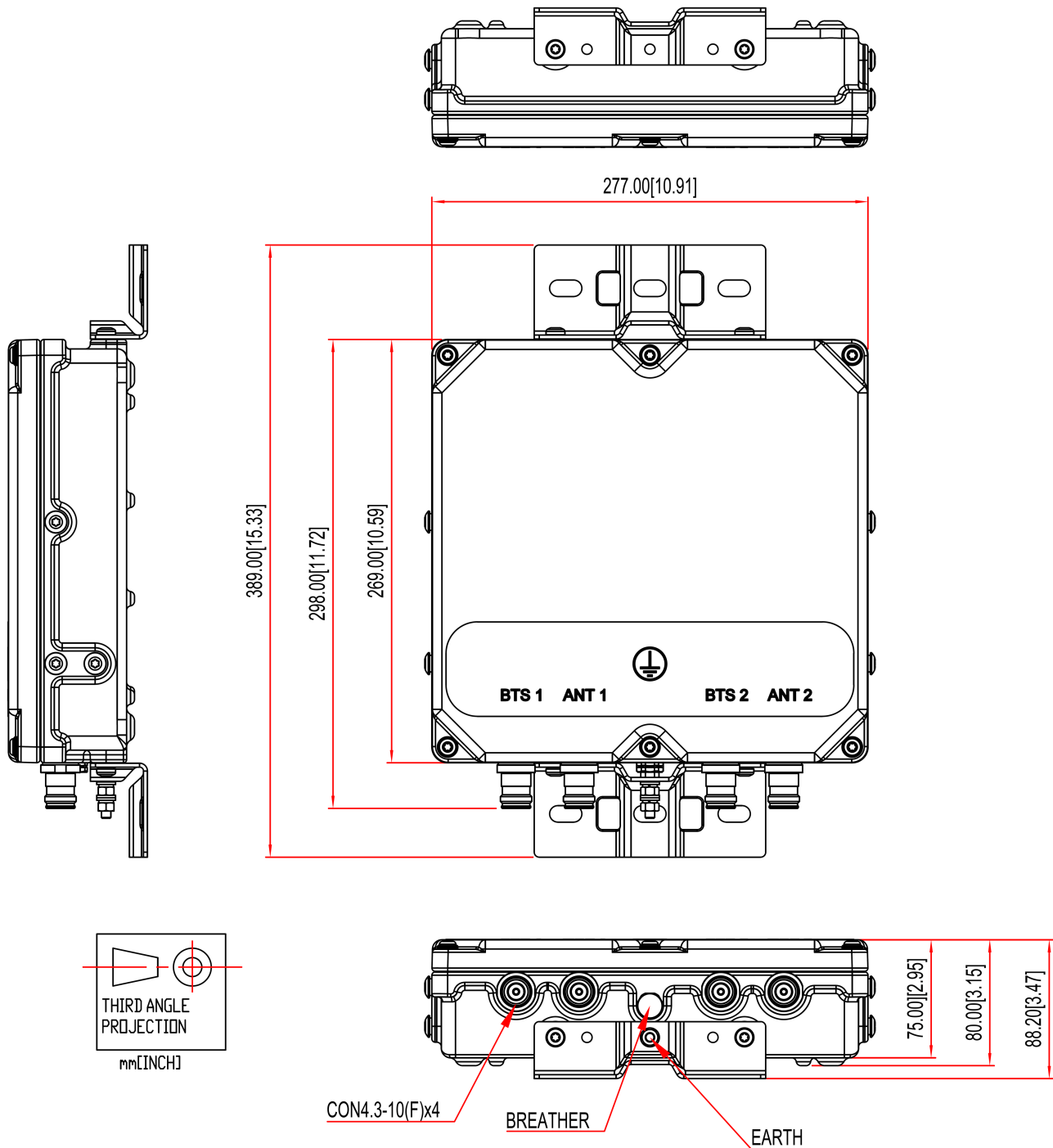
BTS1

ANT2



BTS2

MECHANICAL BLOCK DIAGRAM



ATTACHMENT 3



September 18, 2023

verizon
20 Alexander Drive
Wallingford, CT 06492

Subject: Structural Assessment Letter
Location Code: 467439
Site Name: STAMFORD_CT
Site Address: 300 Tresser Blvd
Stamford, CT 06901

To Whom It May Concern:

Centerline Communications has performed a structural assessment of the above-referenced site to determine if the existing structure can support the following Verizon Wireless equipment:

- (4) Kaelus KA-6030 Filters (10.60" H, 10.90" W, 3.15" D, Weight=17.6 lbs./each) (2 per Alpha and Delta Sector)**
- (2) Site Pro 1 #RRUDSM (1 per Alpha and Delta Sector)**

Based on our structural assessment, we have concluded the existing structure can support the proposed Verizon Wireless equipment. The proposed loading results in a negligible vertical and lateral load increase on the existing structure. The new equipment is proposed to be installed behind the existing antennas.

This assessment was conducted in accordance with the 2021 International Building Code, ASCE 7-16 Minimum Design Loads for Buildings and Other Structures, and the 2022 CT State Building Code. Documents utilized as the basis for this assessment includes: Construction Drawings by On Air Engineering, dated February 25, 2021, and Structural Analysis by On Air Engineering, dated February 4, 2021. Any deterioration or damage to the existing structure should be documented and reported to the engineer and repaired by the contractor prior to the installation of the proposed equipment.

Should you have any questions, please do not hesitate to contact us.

Sincerely,
Centerline Communications, LLC

Derek Creaser, PE
Director - A&E Services

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725



Colliers Engineering & Design CT, P.C.
1055 Washington Blvd
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report with Hardware Upgrades and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208090
Colliers Engineering & Design CT, P.C. Project #: 23777237

August 14, 2023

Site Information

Site ID: 5000381993-VZW / STAMFORD CT
Site Name: STAMFORD CT
Carrier Name: Verizon Wireless
Address: 300 Tresser Blvd
Stamford, Connecticut 06901
Fairfield County
Latitude: 41.053152°
Longitude: -73.533456°

Structure Information

Tower Type: 192.5-Ft Rooftop
Mount Type: (13) Wall Mount

FUZE ID # 17123700

Analysis Results

Wall Mount: 88.3% **Pass w/ Hardware Upgrades***

*** Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

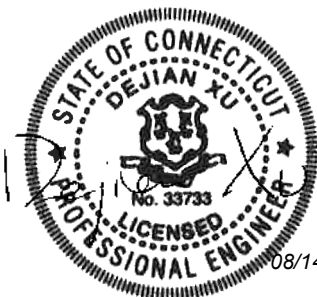
***Contractor PMI Requirements:

Included at the end of this MA report

Available & Submitted via portal at <https://pmi.vzwsmart.com>

For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Grant Walters



08/14/2023

Executive Summary:

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS Site ID: 324905, dated November 24, 2020</i>
<i>Mount Mapping Report</i>	<i>Tower Engineering Professionals, Site ID: 467439 dated November 5, 2020</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 20777202 Dated December 7, 2020</i>
<i>Previous Post Modification Inspection</i>	<i>Maser Consulting Connecticut, Project #: 20777202 Dated July 20, 2023</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code, Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 1.000
Seismic Parameters:	S_s : 0.261 g S_1 : 0.058 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): N/A Maintenance Live Load, L_v : N/A Maintenance Live Load, L_m : N/A
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

The following equipment has been considered for the analysis of the mounts:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
206.00	212.00	4	Samsung	MT6407-77A	Retained
		8	ANDREW	JAHH-65C-R3B-V2	
206.00	205.00	3	ANTEL	BXA-70063-6CF	
		4	Samsung	B2/B66A RRH-BR049	
		4	Samsung	B5/B13 RRH-BR04C	
		4	Commscope	CBC78T-DS-43-2X	
		4	Raycap	RHSDC-3315-PF-48*	
		4	KAelus	KA-6030	Added

*Equipment to be flush mounted directly to the Penthouse. They are not mounted on wall mounts are not included in this mount analysis.

The recent mount mapping reported existing OVP units. It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

Model Number	Ports	AKA
DB-B1-6C-24AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design CT, P.C. and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design CT, P.C. to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping and reported in the Mount Mapping Report are assumed to be corrected and documented as part of the PMI process and are not considered in the mount analysis.

The mount analysis and the mount mapping are not a condition assessment of the mount. Proper maintenance and condition assessments are still required post analysis.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design CT, P.C. is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design CT, P.C.

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	71.7 %	Pass
Threaded Rod	88.3 %	Pass
Wall Bracket	42.3 %	Pass

Structure Rating – (Controlling Utilization of all Components)	88.3%*
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* Results valid after hardware upgrades noted in the PMI Requirements are installed.

Construction of supporting structure could not be confirmed. The final desired loading configuration results in factored loads as shown in the table below.

We recommend the supporting structure EOR utilize these values to determine the adequacy of the connection and supporting structure. Alternatively, Maser Consulting can evaluate the connection capacity if additional information regarding the supporting structure construction is provided.

Component	Shear – Fx (lbs)	Shear – Fy (lbs)	Tension – Fz (lbs)	Mx (lb-ft)	My (lb-ft)	Mz (lb-ft)
Wall Mount Top	424.1	316.7	2092.6	0	631.0	9.0
Wall Mount Bottom	81.2	306.8	1986.7	0.0	149.0	2.0

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	1.9	1.7	7.0	6.8
0.5	2.4	2.9	10.2	9.7
1	3.1	3.8	13.3	12.5

Notes:

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 1 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mounts will be **SUFFICIENT** for the final loading configuration shown in attachment 2 **upon the completion of the requirements listed below.**

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – **Passing Mount Analysis**

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at <https://pmi.vzwsmart.com>.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

MDG #: 5000381993

SMART Project #: 10208090

Fuze Project ID: 17123700

Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the installation was completed in accordance with this Passing Mount Analysis.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide “as built mount drawings” showing contractor’s name, contact information, preparer’s signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: <https://pmi.vzwsmart.com>

Photo Requirements:

- *Photos taken at ground level*
 - Photo of Gate Signs showing the tower owner, site name, and number.
 - Overall tower structure after installation.
 - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
 - Photos showing the safety climb wire rope above and below the mount prior to installation.
 - Photos showing the climbing facility and safety climb if present.
 - Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.
- ☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.
- OR
- ☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:

Issue:

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

Response:

Special Instruction Confirmation:

- ☐ The contractor has read and acknowledges the above special instructions.
- ☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
- ☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool engineering vendor as an “equivalent” and this approval is included as part of the contractor submission.

Comments:

--

Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

Sector: A

8/14/2023

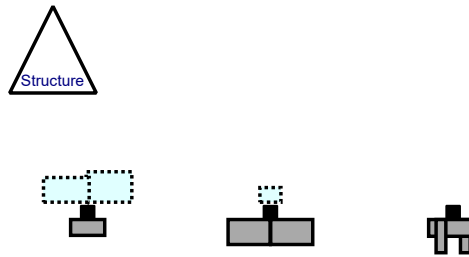
Structure Type: Rooftop

10208090

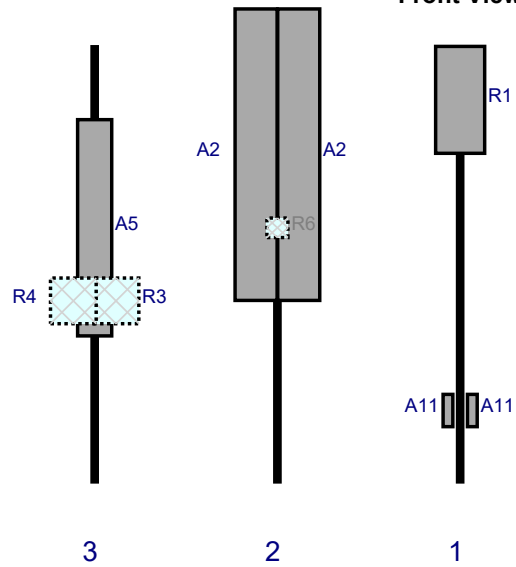
Mount Elev: 206.00

Page: 1

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	120	1	a	Front	18	0	Retained	07/07/2023
A11	KA-6030	10.6	3.2	120	1	a	Front	120	-4	Added	
A11	KA-6030	10.6	3.2	120	1	b	Front	120	4	Added	
A2	JAHH-65C-R3B-V2	95.7	13.8	60	2	a	Front	36	7	Retained	07/07/2023
A2	JAHH-65C-R3B-V2	95.7	13.8	60	2	b	Front	36	-7	Retained	07/07/2023
R6	CBC78T-DS-43-2X	6.4	6.9	60	2	a	Behind	60	0	Retained	07/07/2023
A5	BXA-70063-6CF	71	11.2		3	a	Front	60	0	Retained	07/07/2023
R3	B2/B66A RRH-BR049	15	15		3	a	Behind	84	7	Retained	07/07/2023
R4	B5/B13 RRH-BR04C	15	15		3	a	Behind	84	-7	Retained	07/07/2023

Sector: B

8/10/2023

Structure Type: Rooftop

10208090

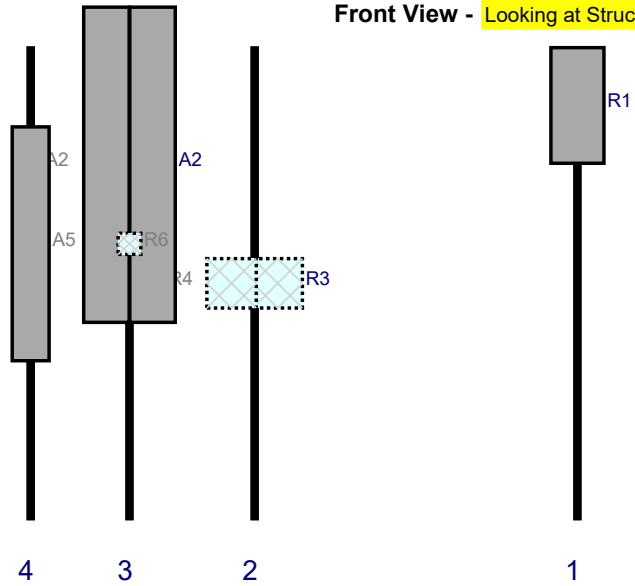
Mount Elev: 206.00

Page: 2

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	166	1	a	Front	18	0	Retained	07/07/2023
R3	B2/B66A RRH-BR049	15	15	68	2	a	Behind	72	7	Retained	07/07/2023
R4	B5/B13 RRH-BR04C	15	15	68	2	a	Behind	72	-7	Retained	07/07/2023
A2	JAHH-65C-R3B-V2	95.7	13.8	30	3	a	Front	36	7	Retained	07/07/2023
A2	JAHH-65C-R3B-V2	95.7	13.8	30	3	b	Front	36	-7	Retained	07/07/2023
R6	CBC78T-DS-43-2X	6.4	6.9	30	3	a	Behind	60	0	Retained	07/07/2023
A5	BXA-70063-6CF	71	11.2		4	a	Front	60	0	Retained	07/07/2023

Sector: C

8/10/2023

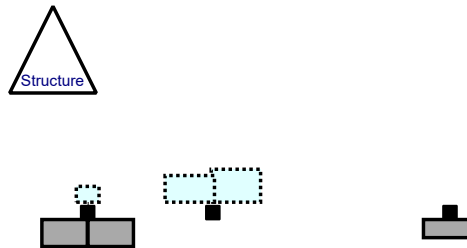
Structure Type: Rooftop

10208090

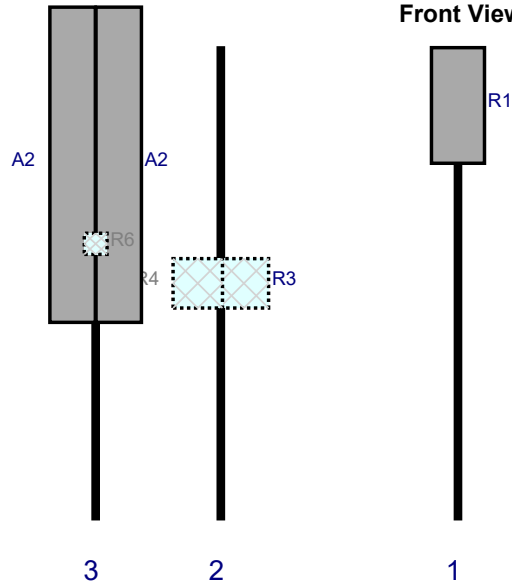
Mount Elev: 206.00

Page: 3

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	110	1	a	Front	18	0	Retained	07/07/2023
R3	B2/B66A RRH-BR049	15	15	38	2	a	Behind	72	7	Retained	07/07/2023
R4	B5/B13 RRH-BR04C	15	15	38	2	a	Behind	72	-7	Retained	07/07/2023
A2	JAHH-65C-R3B-V2	95.7	13.8		3	a	Front	36	7	Retained	07/07/2023
A2	JAHH-65C-R3B-V2	95.7	13.8		3	b	Front	36	-7	Retained	07/07/2023
R6	CBC78T-DS-43-2X	6.4	6.9		3	a	Behind	60	0	Retained	07/07/2023

Sector: D

8/10/2023

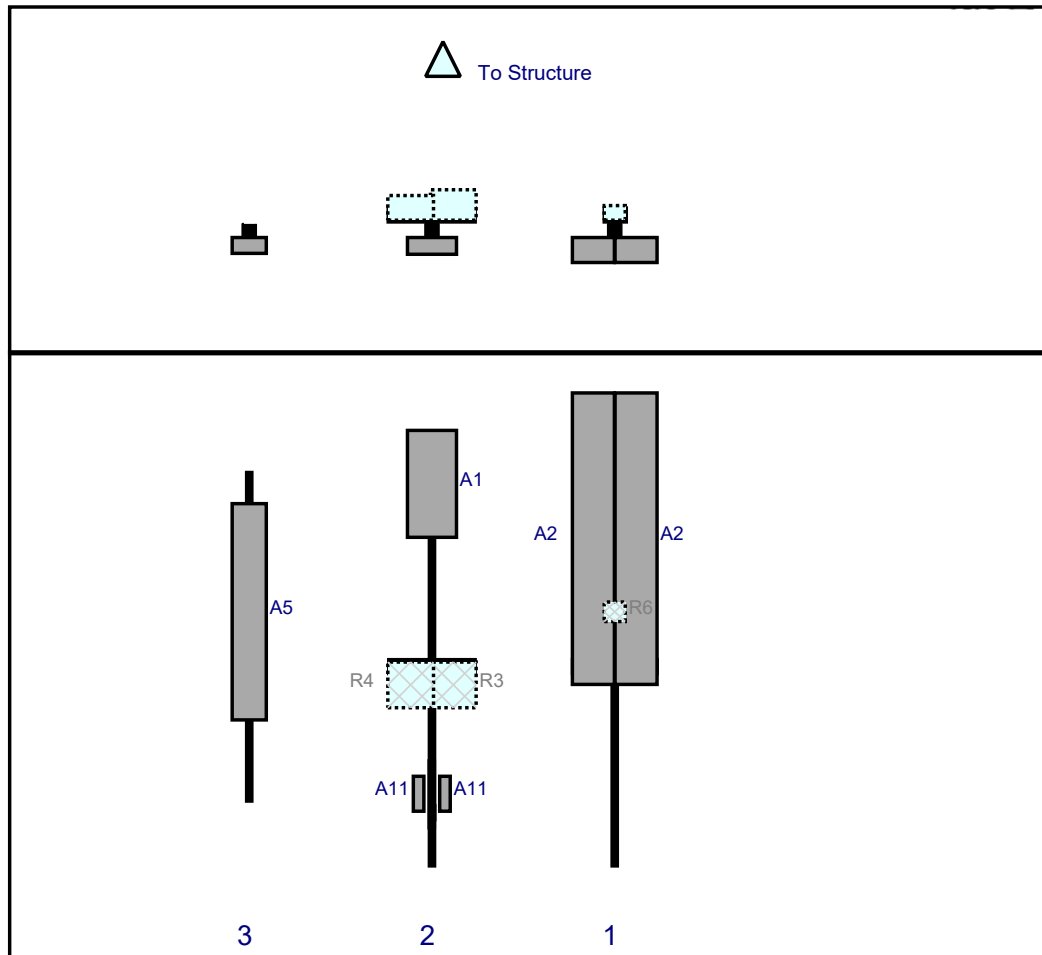
Structure Type: Rooftop

10208090

Mount Elev: 206.00

Page: 1

Plan View

Front View
 Looking at Structure


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65C-R3B-V2	95.7	13.8	120	1	a	Front	36	7	Retained	07/07/2023
A2	JAHH-65C-R3B-V2	95.7	13.8	120	1	b	Front	36	-7	Retained	07/07/2023
R6	CBC78T-DS-43-2X	6.4	6.9	120	1	a	Behind	60	0	Retained	07/07/2023
A1	MT6407-77A	35.1	16.1	60	2	a	Front	18	0	Retained	07/07/2023
R3	B2/B66A RRH-BR049	15	15	60	2	a	Behind	84	7	Retained	07/07/2023
R4	B5/B13 RRH-BR04C	15	15	60	2	a	Behind	84	-7	Retained	07/07/2023
A5	BXA-70063-6CF	71	11.2	0	3	a	Front	60	0	Retained	07/07/2023
A11	KA-6030	10.6	3.2	60	2	a	Front	120	-4	Added	
A11	KA-6030	10.6	3.2	60	2	b	Front	120	4	Added	



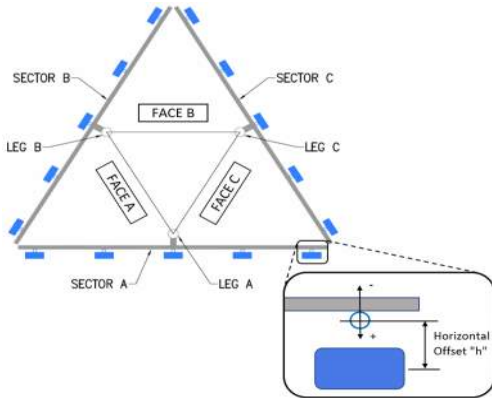
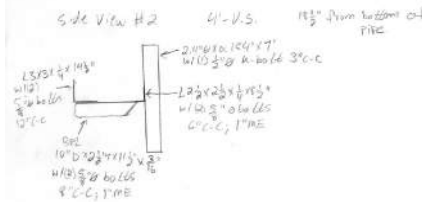
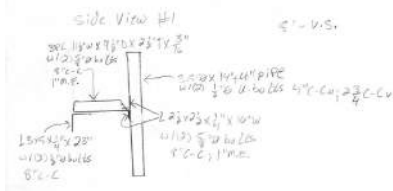


Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Unknown	Mapping Date:	11/5/2020
Site Name:	Stamford CT	Tower Type:	Other
Site Number or ID:	467439	Tower Height (Ft.):	196 (Uparapet)
Mapping Contractor:	TEP	Mount Elevation (Ft.):	206

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Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "U"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "U"	Horizontal Offset "C1, C2, C3, etc."
A1	3.5"Øx0.216"x14'-4"	165.00	0.00	C1	3.5"Øx0.216"x16'-0"	178.00	183.00
A2	3.5"Øx0.216"x14'-4"	165.00	0.00	C2	3.5"Øx0.216"x16'-0"	178.00	183.00
A3	2.4"Øx0.154"x7'-0"	64.00	129.00	C3			
A4				C4			
A5				C5			
A6				C6			
B1	3.5"Øx0.216"x16'-0"	178.00	265.00	D1	3.5"Øx0.216"x16'-0"	178.00	121.00
B2	3.5"Øx0.216"x16'-0"	178.00	265.00	D2	3.5"Øx0.216"x16'-0"	178.00	121.00
B3	2.4"Øx0.154"x7'-0"	64.00	24.00	D3	2.4"Øx0.154"x7'-0"	64.00	16.00
B4				D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							48.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
Penthouse: 18'-8"x26'-2"							
(2) Empty Pipes: 2.4"Øx0.154"x7'							
Tower Face Width at Mount Elev. (ft.):							
Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):							

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	Vertical Distances"b _{1a} , b _{2a} , b _{3a} , b _{1b}" (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant _{1a}	(4) E14F05P50	6.93	9.65	6.38		207.417	100.00	3.00		19-21
Ant _{1b}	(2) JAHH-65C-R3B	13.78	8.19	95.98	1-5/8" F	211.333	53.00	15.00	35.00	17-18
Ant _{1c}										
Ant _{2a}	RFV01U-D1A	15.00	10.00	15.00		212.083	44.00	7.50		55
Ant _{2b}	RFV01U-D2A	15.00	8.20	15.00		212.083	44.00	7.50		51
Ant _{2c}										
Ant _{3a}										
Ant _{3b}	RHSDC-3315-PF-48	15.73	10.30	28.93	1/2"Ø HY	207.333				57
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	BXA70063-6CF-EDIN-	11.30	6.00	71.00	1-5/8" F	199.167	34.00	11.00	45.00	84
Ant _{4c}										
Ant _{5a}										
Ant _{5b}	RHSDC-3315-PF-48	15.73	10.30	28.93	1/2"Ø HY	202				89
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B											
Sector A:	45.00	Deg	Leg A:		Deg			Ant _{1a}											
Sector B:	135.00	Deg	Leg B:		Deg			Ant _{1b}	RFV01U-D1A	15.00	10.00	15.00		213.167	44.00	7.50		91	
Sector C:	180.00	Deg	Leg C:		Deg			Ant _{1c}	RFV01U-D2A	15.00	8.20	15.00		213.167	44.00	7.50		96	
Sector D:	270.00	Deg	Leg D:		Deg			Ant _{2a}	(4) E14F05P50	6.93	9.65	6.38		208.333	102.00	3.00		101-102	
Climbing Facility Information								Ant _{2b}	(2) JAHH-65C-R3B	13.78	8.19	95.98	) 1-5/8" F	212.417	53.00	15.00	110.00	98-100	
								Ant _{2c}											
Location:		Deg						Ant _{3a}											
Climbing Facility	Corrosion Type:							Ant _{3b}	BXA70063-6CF	11.30	6.00	71.00	) 1-5/8" F	204.5	34.00	11.00	140.00	124	
	Access:							Ant _{3c}											
	Condition:							Ant _{4a}											
								Ant _{4b}	RHSDC-3315-PF-48	15.73	10.30	28.93	1/2"Ø HY	202				130	
								Ant _{4c}											
								Ant _{5a}											
								Ant _{5b}											
								Ant _{5c}											
								Ant on Standoff											
								Ant on Standoff											
								Ant on Tower											
								Ant on Tower											
								Sector C											
								Ant _{1a}	(4) E14F05P50	6.93	9.65	6.38		208.333	102.00	3.00		147-148	
								Ant _{1b}	(2) JAHH-65C-R3B	13.78	8.19	95.98	) 1-5/8" F	212.417	53.00	15.00	225.00	145-146	
								Ant _{1c}											
								Ant _{2a}											
								Ant _{2b}	RFV01U-D1A	15.00	10.00	15.00		213.167	44.00	7.50		133	
								Ant _{2c}	RFV01U-D2A	15.00	8.20	15.00		213.167	44.00	7.50		136	
								Ant _{3a}											
								Ant _{3b}	RHSDC-3315-PF-48	15.73	10.30	28.93	1/2"Ø HY	202				158	
								Ant _{3c}											
								Ant _{4a}											
								Ant _{4b}											
								Ant _{4c}											
								Ant _{5a}											
								Ant _{5b}											
								Ant _{5c}											
								Ant on Standoff											
								Ant on Standoff											
								Ant on Tower											
								Ant on Tower											
								Sector D											
								Ant _{1a}	(4) E14F05P50	6.93	9.65	6.38	1) 7/8" FH	208.333	102.00	3.00		155-156	
								Ant _{1b}	(2) JAHH-65C-R3B	13.78	8.19	95.98	) 1-5/8" F	212.417	53.00	15.00	315.00	153-154	
								Ant _{1c}											
								Ant _{2a}											
								Ant _{2b}	RFV01U-D1A	15.00	10.00	15.00		213.167	44.00	7.50		161	
								Ant _{2c}	RFV01U-D2A	15.00	8.20	15.00		213.167	44.00	7.50		163	
								Ant _{3a}											
								Ant _{3b}	RHSDC-3315-PF-48	15.73	10.30	28.93	1/2"Ø HY	207.333				165	
								Ant _{3c}											
								Ant _{4a}											
								Ant _{4b}	BXA70063-6CF	11.30	6.00	71.00	) 1-5/8" F	199.167	34.00	11.00	315.00	167	
								Ant _{4c}											
								Ant _{5a}											
								Ant _{5b}											
								Ant _{5c}											
								Ant on Standoff											
								Ant on Standoff											
								Ant on Tower											
								Ant on Tower											

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2		
3		
4		
5		
6		
7		
8		

Mapping Notes
1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.) 2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use an ultrasonic measurement tool (thickness gauge) to measure the thickness. 3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab. 4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type. 5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required. 6. Please measure and report the size and length of all existing antenna mounting pipes. 7. Please measure and report the antenna information for all sectors. 8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.



Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Unknown	Mapping Date:	11/5/2020
Site Name:	Stamford CT	Tower Type:	Other
Site Number or ID:	467439	Tower Height (Ft.):	196 (t/parapet)
Mapping Contractor:	TEP	Mount Elevation (Ft.):	206

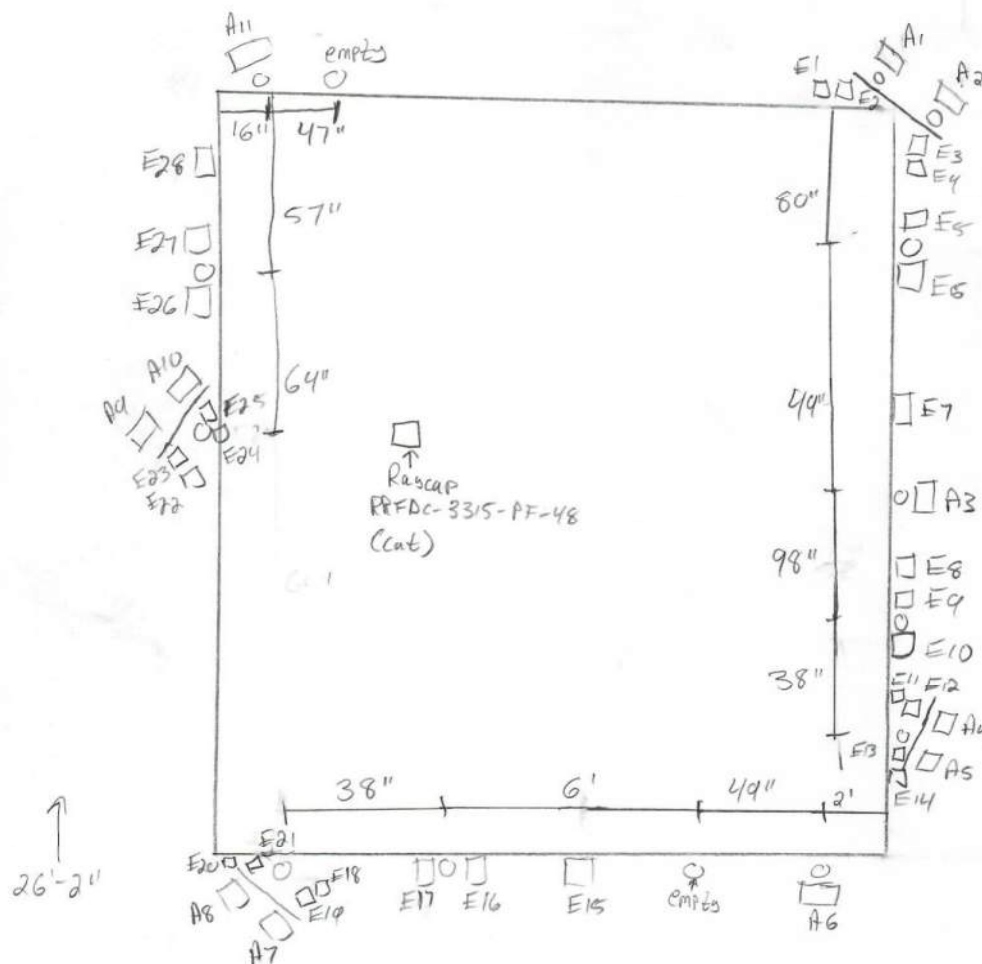
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Please Insert Sketches of the Antenna Mount

Stamford CT
467439-V2W
11/5/2020

Penthouse Plan View
Roof top CL: 192'-6"
Parapet: 3'-6" +

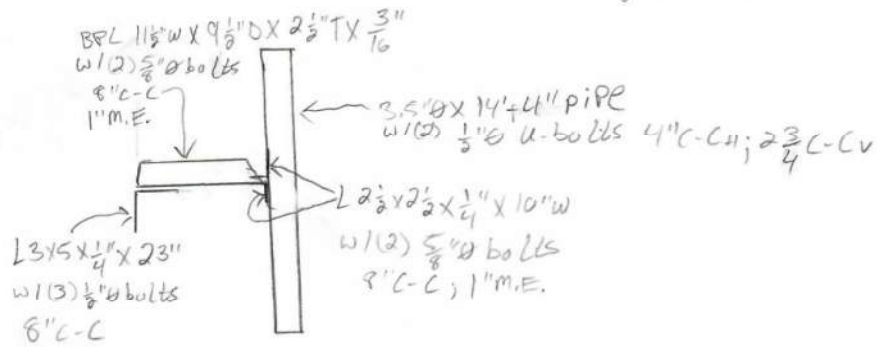
↑ N



	model #	m.p / location	a	b	h	CL	AZ
A1	5AHH-GSC-R3B	3.5"Ø X 14'-4"	165	53	15	209'-6"	35°
A2	5AHH-GSC-R3B	3.5"Ø X 14'-4"	165	53	15	209'-6"	35°
E1	CbC78T-DS-43-2X	behind A1/A2	-	100"	3"	205'-6"	-
E2	CbC78T-DS-43-2X	↓	-	100"	3"	↓	-
E3	CbC78T-DS-43-2X	↓	-	100"	3"	↓	-
E4	CbC78T-DS-43-2X	↓	-	100"	3"	↓	-
E5	RFV01U-D2A	2.4"Ø X 7'	64"	44"	7½"	205'-6"	-
E6	RFV01U-D2A	2.4"Ø X 7'	64"	44"	7½"	205'-6"	-
E7	RHSDC-3315-PF-48	Direct MNT	-	-	-	208'	-
A3	BXA70063-GCF	2.4"Ø X 7'	64"	34"	11"	206'	45°
E8	RHSDC-3315-PF-48	Direct MNT	-	-	-	208'	-
E9	RFV01U-D2A	2.4"Ø X 7'	64"	44"	7½"	205'-6"	-
E10	RFV01U-D2A	2.4"Ø X 7'	64"	44"	7½"	205'-6"	-
A4	5AHH-GSC-R3B	3.5"Ø X 16'	178"	53	15	209'-6"	110°
A5	5AHH-GSC-R3B	3.5"Ø X 16'	178"	53	15	209'-6"	110°
E11-14	CbC78T-DS-43-2X	behind A4/A5	-	102"	3"	205'-6"	-
A6	BXA70063-GCF	2.4"Ø X 7'	64"	34"	11"	206'	140°
Empty	-	2.4"Ø X 7'	64"	-	-	-	-
E15	RHSDC-3315-PF-48	Direct MNT	-	-	-	208'	-
E16-E17	RFV01U-D2A	2.4"Ø X 7'	64"	44"	7½"	205'-6"	-
A7-A9	5AHH-GSC-R3B	3.5"Ø X 16'	178"	53	15	209'-6"	180°
E18-21	CbC78T-DS-43-2X	behind A7/8	-	102"	3"	205'-6"	-
A9-A10	5AHH-GSC-R3B	3.5"Ø X 16'	178"	53	15	209'-6"	250°
E22-25	CbC78T-DS-43-2X	behind A9/A10	-	102"	3"	205'-6"	-
E27-26	RFV01U-D2A	2.4"Ø X 7'	64"	44"	7½"	205'-6"	-
E28	RHSDC-3315-PF-48	Direct MNT	-	-	-	208'	-
A11	BXA70063-GCF	2.4"Ø X 7'	64"	34"	11"	206'	250°

Side View #1

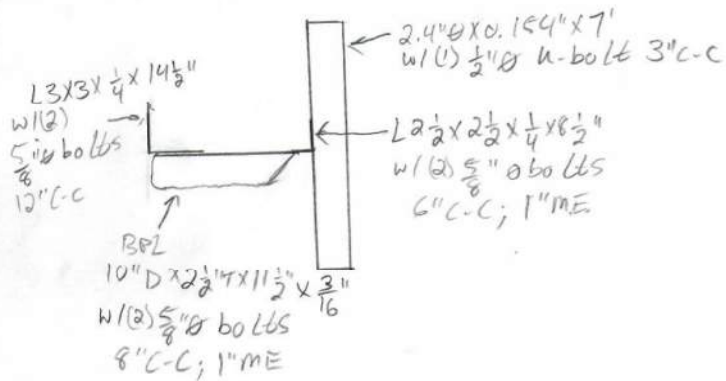
8' - V.S.



Side View #2

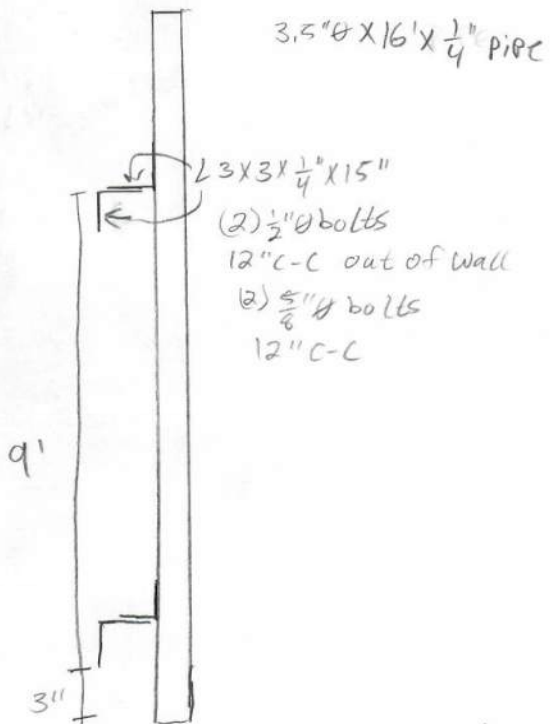
4' - V.S.

18 1/2" from bottom of pipe



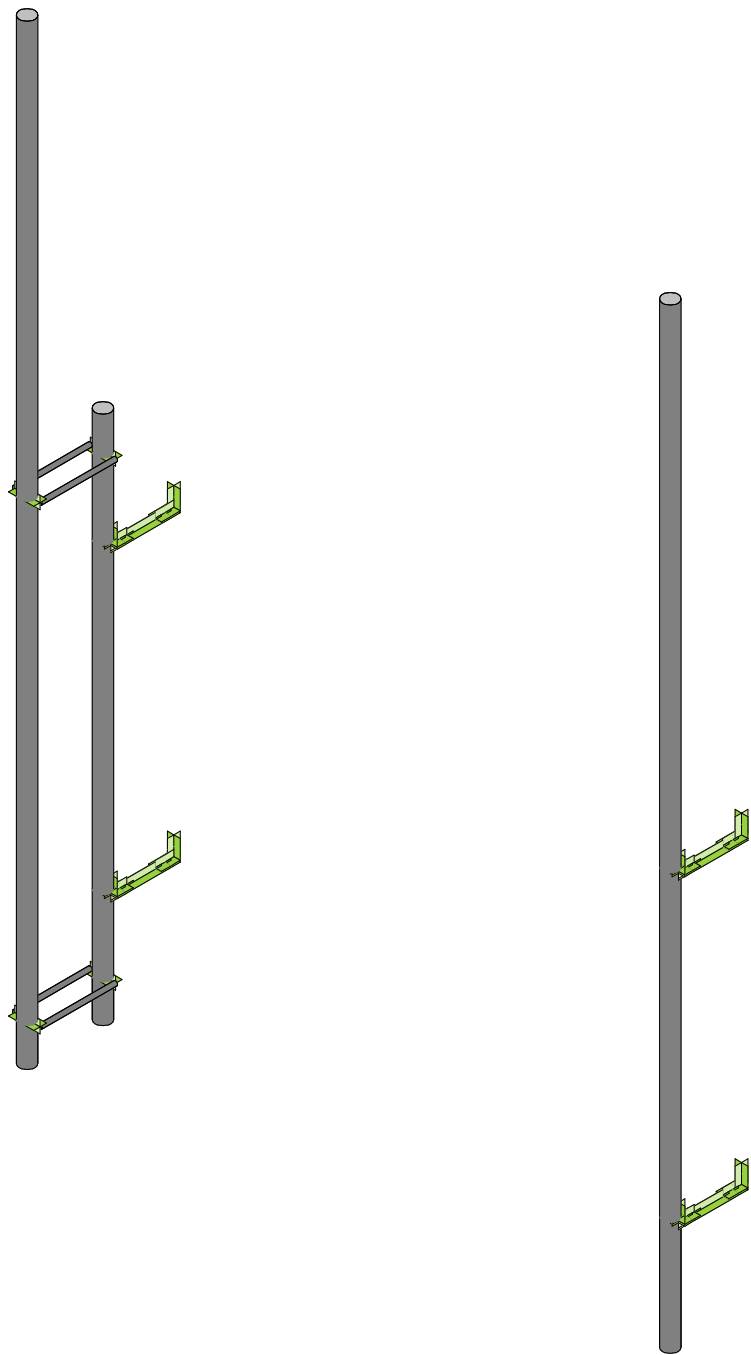
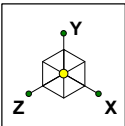
side view #3

Penthouse
16'-6" T



Coax

- (1) 7/8 FH
- (3) 1 1/2" Ø Hybrid
- (12) 1 5/8 FH cut
- (3) 1 5/8 FH



Colliers Engineering & De...

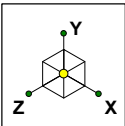
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SK - 1

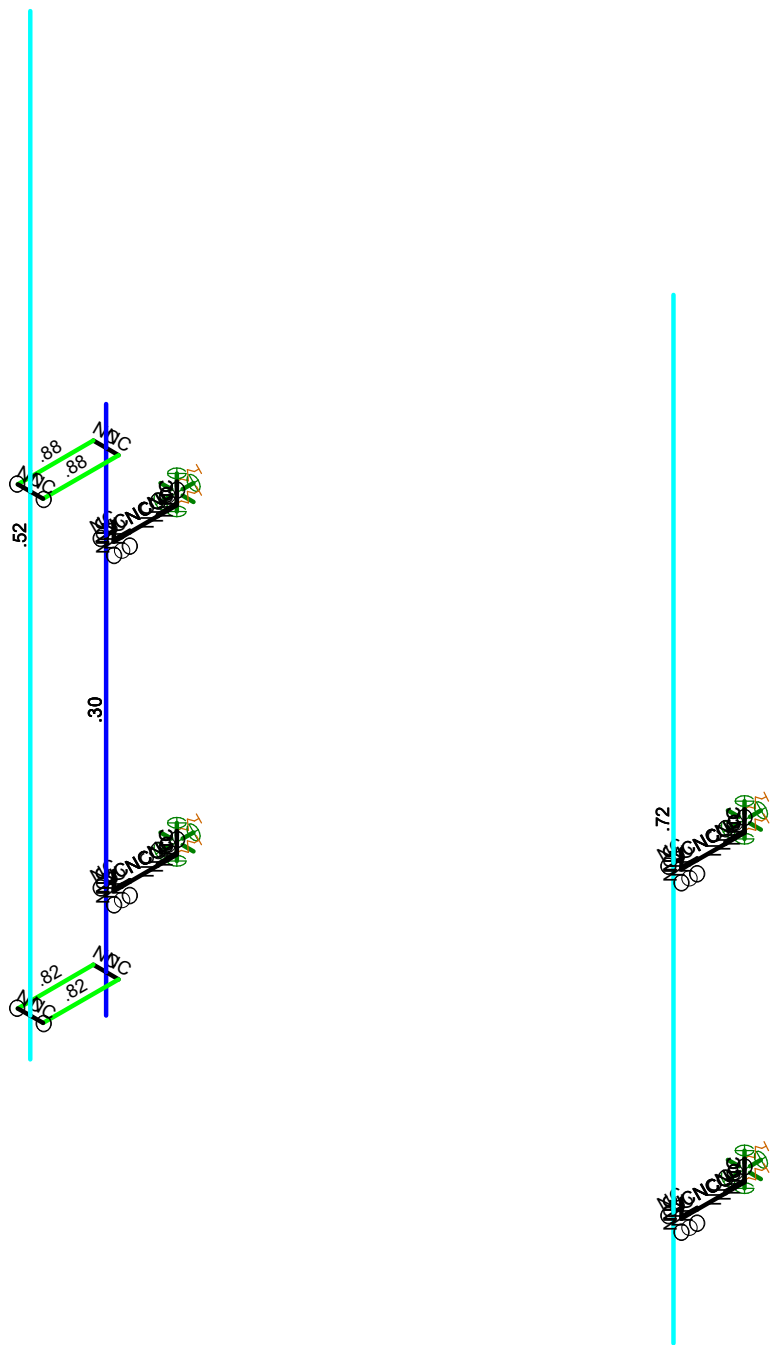
Aug 14, 2023 at 11:37 AM

Project No. 10208090

5000381993-VZW_MT_LOT_A_H....

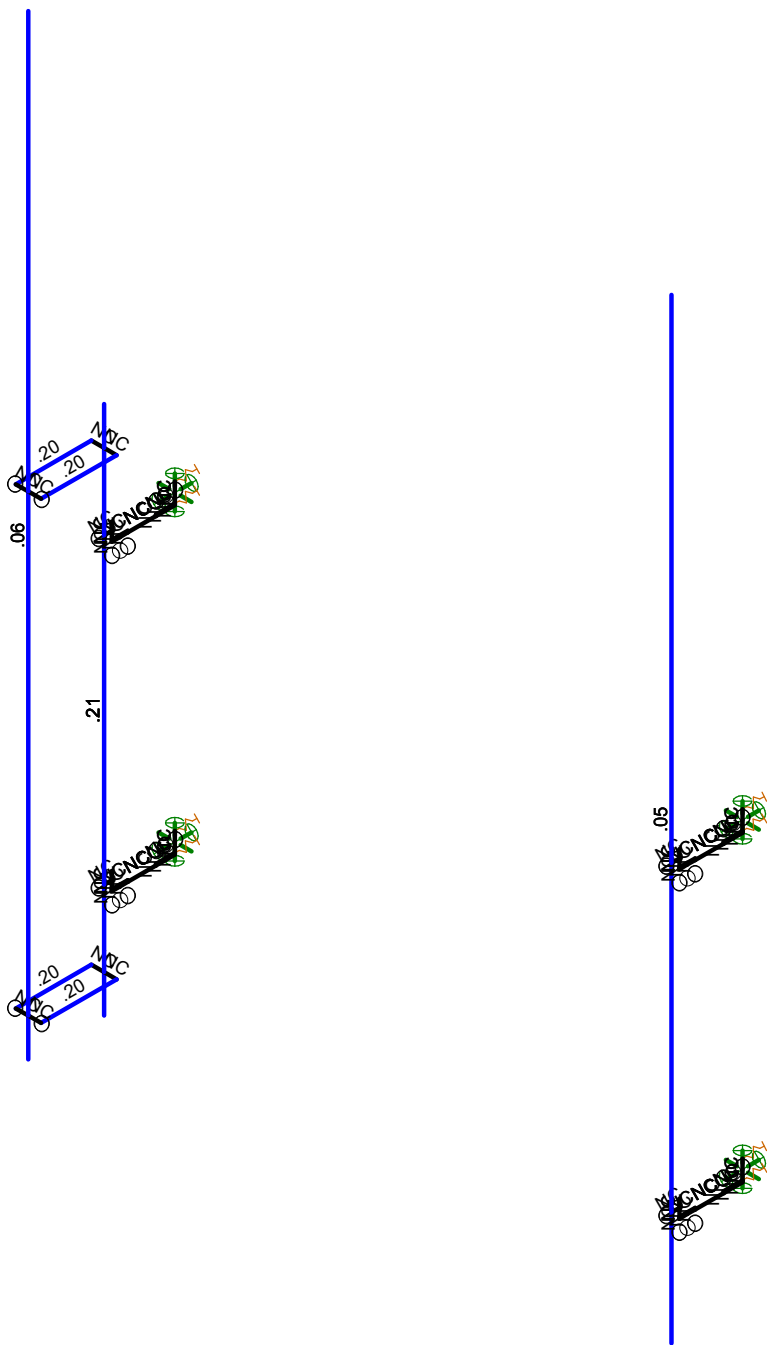
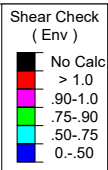
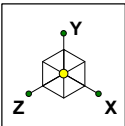


Code Check (Env)	
No Calc	
> 1.0	
.90-1.0	
.75-.90	
.50-.75	
0-.50	



Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & De...	5000381993-VZW_MT_LOT_SectorA_H	SK - 2
		Aug 14, 2023 at 11:37 AM
Project No. 10208090		5000381993-VZW_MT_LOT_A_H....



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & De...

5000381993-VZW_MT_LOT_SectorA_H

SK - 3

Aug 14, 2023 at 11:37 AM

Project No. 10208090

5000381993-VZW_MT_LOT_A_H....

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...	
1	Antenna D	None					42		
2	Antenna Di	None					42		
3	Antenna Wo (0 Deg)	None					42		
4	Antenna Wo (30 Deg)	None					42		
5	Antenna Wo (60 Deg)	None					42		
6	Antenna Wo (90 Deg)	None					42		
7	Antenna Wo (120 Deg)	None					42		
8	Antenna Wo (150 Deg)	None					42		
9	Antenna Wo (180 Deg)	None					42		
10	Antenna Wo (210 Deg)	None					42		
11	Antenna Wo (240 Deg)	None					42		
12	Antenna Wo (270 Deg)	None					42		
13	Antenna Wo (300 Deg)	None					42		
14	Antenna Wo (330 Deg)	None					42		
15	Antenna Wi (0 Deg)	None					42		
16	Antenna Wi (30 Deg)	None					42		
17	Antenna Wi (60 Deg)	None					42		
18	Antenna Wi (90 Deg)	None					42		
19	Antenna Wi (120 Deg)	None					42		
20	Antenna Wi (150 Deg)	None					42		
21	Antenna Wi (180 Deg)	None					42		
22	Antenna Wi (210 Deg)	None					42		
23	Antenna Wi (240 Deg)	None					42		
24	Antenna Wi (270 Deg)	None					42		
25	Antenna Wi (300 Deg)	None					42		
26	Antenna Wi (330 Deg)	None					42		
27	Antenna Wm (0 Deg)	None					42		
28	Antenna Wm (30 Deg)	None					42		
29	Antenna Wm (60 Deg)	None					42		
30	Antenna Wm (90 Deg)	None					42		
31	Antenna Wm (120 Deg)	None					42		
32	Antenna Wm (150 Deg)	None					42		
33	Antenna Wm (180 Deg)	None					42		
34	Antenna Wm (210 Deg)	None					42		
35	Antenna Wm (240 Deg)	None					42		
36	Antenna Wm (270 Deg)	None					42		
37	Antenna Wm (300 Deg)	None					42		
38	Antenna Wm (330 Deg)	None					42		
39	Structure D	None		-1					
40	Structure Di	None						7	
41	Structure Wo (0 Deg)	None						14	
42	Structure Wo (30 Deg)	None						14	
43	Structure Wo (60 Deg)	None						14	
44	Structure Wo (90 Deg)	None						14	
45	Structure Wo (120 Deg)	None						14	
46	Structure Wo (150 Deg)	None						14	
47	Structure Wo (180 Deg)	None						14	
48	Structure Wo (210 Deg)	None						14	
49	Structure Wo (240 Deg)	None						14	
50	Structure Wo (270 Deg)	None						14	
51	Structure Wo (300 Deg)	None						14	
52	Structure Wo (330 Deg)	None						14	
53	Structure Wi (0 Deg)	None						14	
54	Structure Wi (30 Deg)	None						14	
55	Structure Wi (60 Deg)	None						14	
56	Structure Wi (90 Deg)	None						14	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...	
57	Structure Wi (120 Deg)	None						14	
58	Structure Wi (150 Deg)	None						14	
59	Structure Wi (180 Deg)	None						14	
60	Structure Wi (210 Deg)	None						14	
61	Structure Wi (240 Deg)	None						14	
62	Structure Wi (270 Deg)	None						14	
63	Structure Wi (300 Deg)	None						14	
64	Structure Wi (330 Deg)	None						14	
65	Structure Wm (0 Deg)	None						14	
66	Structure Wm (30 Deg)	None						14	
67	Structure Wm (60 Deg)	None						14	
68	Structure Wm (90 Deg)	None						14	
69	Structure Wm (120 Deg)	None						14	
70	Structure Wm (150 Deg)	None						14	
71	Structure Wm (180 Deg)	None						14	
72	Structure Wm (210 Deg)	None						14	
73	Structure Wm (240 Deg)	None						14	
74	Structure Wm (270 Deg)	None						14	
75	Structure Wm (300 Deg)	None						14	
76	Structure Wm (330 Deg)	None						14	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	Antenna Ev	None					42		
82	Antenna Eh (0 Deg)	None					28		
83	Antenna Eh (90 Deg)	None					28		
84	Structure Ev	ELY							
85	Structure Eh (0 Deg)	ELZ			-0.09				
86	Structure Eh (90 Deg)	ELX	.09						

Load Combinations

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC Fa...	BLC Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1								
2	1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1								
3	1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1								
4	1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1								
5	1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1								
6	1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1								
7	1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1								
8	1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1								
9	1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1								
10	1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1								
11	1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1								
12	1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1								
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1				
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1				
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1				
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1				
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1				
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1				
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1				
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1				
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1				
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N49	5.833333	2	-0.0625	0	
2	N50	5.833333	14	-0.0625	0	
3	N51	5.833333	7.5	-0.0625	0	
4	N53	5.833333	7.5	-0.166667	0	
5	N59	5.833333	7.604167	-0.166667	0	
6	N60	5.833333	7.395833	-0.166667	0	
7	N61	5.833333	7.395833	-0.270833	0	
8	N62	5.833333	7.395833	-.375	0	
9	N63	5.833333	7.375	-0.270833	0	
10	N64	5.833333	7.375	-.375	0	
11	N65	5.833333	7.375	-.875	0	
12	N66	5.833333	7.375	-.75	0	
13	N72	5.833333	7.375	-1	0	
14	N73	5.833333	7.375	-0.166667	0	
15	N74	5.833333	7.645833	-1	0	
16	N75	5.833333	7.520833	-1	0	
17	N76	5.833333	7.395833	-1	0	
18	N77	5.833333	7.395833	-.875	0	
19	N78	5.833333	7.395833	-.75	0	
20	N68	5.833333	3.5	-0.0625	0	
21	N69	5.833333	3.5	-0.166667	0	
22	N70	5.833333	3.604167	-0.166667	0	
23	N71	5.833333	3.395833	-0.166667	0	
24	N72A	5.833333	3.395833	-0.270833	0	
25	N73A	5.833333	3.395833	-.375	0	
26	N74A	5.833333	3.375	-0.270833	0	
27	N75A	5.833333	3.375	-.375	0	
28	N76A	5.833333	3.375	-.875	0	
29	N77A	5.833333	3.375	-.75	0	
30	N78A	5.833333	3.375	-1	0	
31	N79	5.833333	3.375	-0.166667	0	
32	N80	5.833333	3.645833	-1	0	
33	N81	5.833333	3.520833	-1	0	
34	N82	5.833333	3.395833	-1	0	
35	N83	5.833333	3.395833	-.875	0	
36	N84	5.833333	3.395833	-.75	0	
37	N37	-1.666667	2	-0.0625	0	
38	N38	-1.666667	9	-0.0625	0	
39	N39	-1.666667	7.5	-0.0625	0	
40	N40	-1.666667	7.5	-0.166667	0	
41	N41	-1.666667	7.604167	-0.166667	0	
42	N42	-1.666667	7.395833	-0.166667	0	
43	N43	-1.666667	7.395833	-0.270833	0	
44	N44	-1.666667	7.395833	-.375	0	
45	N45	-1.666667	7.375	-0.270833	0	
46	N46	-1.666667	7.375	-.375	0	
47	N47	-1.666667	7.375	-.875	0	
48	N48	-1.666667	7.375	-.75	0	
49	N49A	-1.666667	7.375	-1	0	
50	N50A	-1.666667	7.375	-0.166667	0	
51	N51A	-1.666667	7.645833	-1	0	
52	N52	-1.666667	7.520833	-1	0	
53	N53A	-1.666667	7.395833	-1	0	
54	N54	-1.666667	7.395833	-.875	0	
55	N55	-1.666667	7.395833	-.75	0	
56	N56	-1.666667	3.5	-0.0625	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N57	-1.666667	3.5	-0.166667	0	
58	N58	-1.666667	3.604167	-0.166667	0	
59	N59A	-1.666667	3.395833	-0.166667	0	
60	N60A	-1.666667	3.395833	-0.270833	0	
61	N61A	-1.666667	3.395833	-.375	0	
62	N62A	-1.666667	3.375	-0.270833	0	
63	N63A	-1.666667	3.375	-.375	0	
64	N64A	-1.666667	3.375	-.875	0	
65	N65A	-1.666667	3.375	-.75	0	
66	N66A	-1.666667	3.375	-1	0	
67	N67	-1.666667	3.375	-0.166667	0	
68	N68A	-1.666667	3.645833	-1	0	
69	N69A	-1.666667	3.520833	-1	0	
70	N70A	-1.666667	3.395833	-1	0	
71	N71A	-1.666667	3.395833	-.875	0	
72	N72B	-1.666667	3.395833	-.75	0	
73	N73B	-1.666667	8.5	-0.0625	0	
74	N74B	-1.5	8.5	-0.0625	0	
75	N75B	-1.833333	8.5	-0.0625	0	
76	N76B	-1.5	8.5	0.9375	0	
77	N77B	-1.833333	8.5	0.9375	0	
78	N78B	-1.666667	2	0.9375	0	
79	N79A	-1.666667	14	0.9375	0	
80	N80A	-1.666667	8.5	0.9375	0	
81	N81A	-1.666667	2.5	-0.0625	0	
82	N82A	-1.5	2.5	-0.0625	0	
83	N83A	-1.833333	2.5	-0.0625	0	
84	N84A	-1.5	2.5	0.9375	0	
85	N85	-1.833333	2.5	0.9375	0	
86	N86	-1.666667	2.5	0.9375	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Threaded Rod	SR_0.625	Beam	BAR	A36 Gr.36	Typical	.307	.007	.007	.015

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A36 Fu=58	29000	11154	.3	.65	.49	36	1.5	58	1.2
2	A53 Gr. B	29000	11154	.3	.65	.49	35	1.5	60	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
5	A500 Gr.B Fy=42	29000	11154	.3	.65	.49	42	1.4	58	1.3
6	A500 Gr.B Fy=46	29000	11154	.3	.65	.49	46	1.4	58	1.3
7	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
8	A500 Gr. B 42	29000	11154	.3	.65	.49	42	1.4	58	1.3
9	A500 Gr. B 46	29000	11154	.3	.65	.49	46	1.4	58	1.3
10	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	MP1A	N50	N49			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
2	M39	N51	N53			RIGID	None	None	RIGID	Typical
3	M41	N59	N60		90	RIGID	None	None	RIGID	Typical
4	M42	N60	N62			RIGID	None	None	RIGID	Typical
5	M49	N73	N72			RIGID	None	None	RIGID	Typical
6	M51	N73	N60			RIGID	None	None	RIGID	Typical
7	M53	N64	N62			RIGID	None	None	RIGID	Typical
8	M55	N63	N61			RIGID	None	None	RIGID	Typical
9	M57	N74	N76		90	RIGID	None	None	RIGID	Typical
10	M58	N66	N78			RIGID	None	None	RIGID	Typical
11	M59	N65	N77			RIGID	None	None	RIGID	Typical
12	M60	N72	N76			RIGID	None	None	RIGID	Typical
13	M61	N78	N76			RIGID	None	None	RIGID	Typical
14	M51A	N68	N69			RIGID	None	None	RIGID	Typical
15	M52	N70	N71		90	RIGID	None	None	RIGID	Typical
16	M53A	N71	N73A			RIGID	None	None	RIGID	Typical
17	M54	N79	N78A			RIGID	None	None	RIGID	Typical
18	M55A	N79	N71			RIGID	None	None	RIGID	Typical
19	M56	N75A	N73A			RIGID	None	None	RIGID	Typical
20	M57A	N74A	N72A			RIGID	None	None	RIGID	Typical
21	M58A	N80	N82		90	RIGID	None	None	RIGID	Typical
22	M59A	N77A	N84			RIGID	None	None	RIGID	Typical
23	M60A	N76A	N83			RIGID	None	None	RIGID	Typical
24	M61A	N78A	N82			RIGID	None	None	RIGID	Typical
25	M62	N84	N82			RIGID	None	None	RIGID	Typical
26	M26	N37	N38			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
27	M27	N39	N40			RIGID	None	None	RIGID	Typical
28	M28	N41	N42		90	RIGID	None	None	RIGID	Typical
29	M29	N42	N44			RIGID	None	None	RIGID	Typical
30	M30	N50A	N49A			RIGID	None	None	RIGID	Typical
31	M31	N50A	N42			RIGID	None	None	RIGID	Typical
32	M32	N46	N44			RIGID	None	None	RIGID	Typical
33	M33	N45	N43			RIGID	None	None	RIGID	Typical
34	M34	N51A	N53A		90	RIGID	None	None	RIGID	Typical
35	M35	N48	N55			RIGID	None	None	RIGID	Typical
36	M36	N47	N54			RIGID	None	None	RIGID	Typical
37	M37	N49A	N53A			RIGID	None	None	RIGID	Typical
38	M38	N55	N53A			RIGID	None	None	RIGID	Typical
39	M39A	N56	N57			RIGID	None	None	RIGID	Typical
40	M40	N58	N59A		90	RIGID	None	None	RIGID	Typical
41	M41A	N59A	N61A			RIGID	None	None	RIGID	Typical
42	M42A	N67	N66A			RIGID	None	None	RIGID	Typical
43	M43	N67	N59A			RIGID	None	None	RIGID	Typical
44	M44	N63A	N61A			RIGID	None	None	RIGID	Typical
45	M45	N62A	N60A			RIGID	None	None	RIGID	Typical
46	M46	N68A	N70A		90	RIGID	None	None	RIGID	Typical
47	M47	N65A	N72B			RIGID	None	None	RIGID	Typical
48	M48	N64A	N71A			RIGID	None	None	RIGID	Typical
49	M49A	N66A	N70A			RIGID	None	None	RIGID	Typical
50	M50	N72B	N70A			RIGID	None	None	RIGID	Typical
51	M51B	N75B	N73B			RIGID	None	None	RIGID	Typical
52	M52A	N73B	N74B			RIGID	None	None	RIGID	Typical
53	M53B	N77B	N75B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
54	M54A	N76B	N74B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
55	MP2A	N79A	N78B			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
56	M56A	N77B	N80A			RIGID	None	None	RIGID	Typical
57	M57B	N80A	N76B			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
58	M58B	N83A	N81A			RIGID	None	None	RIGID	Typical
59	M59B	N81A	N82A			RIGID	None	None	RIGID	Typical
60	M60B	N85	N83A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
61	M61B	N84A	N82A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
62	M62A	N85	N86			RIGID	None	None	RIGID	Typical
63	M63	N86	N84A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
1	MP1A						Yes	Default		None
2	M39		OOOXOO				Yes	** NA **		None
3	M41						Yes	** NA **		None
4	M42						Yes	** NA **		None
5	M49						Yes	** NA **		None
6	M51		AIIPIN			Compressi...	Yes	** NA **		None
7	M53		AIIPIN			Compressi...	Yes	** NA **		None
8	M55		OOOOOO				Yes	** NA **		None
9	M57						Yes	** NA **		None
10	M58	AIIPIN				Compressi...	Yes	** NA **		None
11	M59	OOOXO					Yes	** NA **		None
12	M60	AIIPIN				Compressi...	Yes	** NA **		None
13	M61						Yes	** NA **		None
14	M51A		OOOXOO				Yes	** NA **		None
15	M52						Yes	** NA **		None
16	M53A						Yes	** NA **		None
17	M54						Yes	** NA **		None
18	M55A		AIIPIN			Compressi...	Yes	** NA **		None
19	M56		AIIPIN			Compressi...	Yes	** NA **		None
20	M57A		OOOOOO				Yes	** NA **		None
21	M58A						Yes	** NA **		None
22	M59A	AIIPIN				Compressi...	Yes	** NA **		None
23	M60A	OOOXO					Yes	** NA **		None
24	M61A	AIIPIN				Compressi...	Yes	** NA **		None
25	M62						Yes	** NA **		None
26	M26						Yes	Default		None
27	M27		OOOXOO				Yes	** NA **		None
28	M28						Yes	** NA **		None
29	M29						Yes	** NA **		None
30	M30						Yes	** NA **		None
31	M31		AIIPIN			Compressi...	Yes	** NA **		None
32	M32		AIIPIN			Compressi...	Yes	** NA **		None
33	M33		OOOOOO				Yes	** NA **		None
34	M34						Yes	** NA **		None
35	M35	AIIPIN				Compressi...	Yes	** NA **		None
36	M36	OOOXO					Yes	** NA **		None
37	M37	AIIPIN				Compressi...	Yes	** NA **		None
38	M38						Yes	** NA **		None
39	M39A		OOOXOO				Yes	** NA **		None
40	M40						Yes	** NA **		None
41	M41A						Yes	** NA **		None
42	M42A						Yes	** NA **		None
43	M43		AIIPIN			Compressi...	Yes	** NA **		None
44	M44		AIIPIN			Compressi...	Yes	** NA **		None
45	M45		OOOOOO				Yes	** NA **		None
46	M46						Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
47	M47	AIPIN				Compressi...	Yes	** NA **		None
48	M48	OOOXO					Yes	** NA **		None
49	M49A	AIPIN				Compressi...	Yes	** NA **		None
50	M50						Yes	** NA **		None
51	M51B						Yes	** NA **		None
52	M52A						Yes	** NA **		None
53	M53B						Yes			None
54	M54A						Yes			None
55	MP2A						Yes	Default		None
56	M56A		OOOXOO				Yes	** NA **		None
57	M57B	OOOXOX					Yes	** NA **		None
58	M58B						Yes	** NA **		None
59	M59B						Yes	** NA **		None
60	M60B						Yes			None
61	M61B						Yes			None
62	M62A		OOOXOO				Yes	** NA **		None
63	M63	OOOXOX					Yes	** NA **		None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-8.8	9.5
2	MP1A	My	-.009	9.5
3	MP1A	Mz	-.003	9.5
4	MP1A	Y	-8.8	10.5
5	MP1A	My	-.009	10.5
6	MP1A	Mz	-.003	10.5
7	MP1A	Y	-8.8	9.5
8	MP1A	My	-.009	9.5
9	MP1A	Mz	.003	9.5
10	MP1A	Y	-8.8	10
11	MP1A	My	-.009	10
12	MP1A	Mz	.003	10
13	MP2A	Y	-8.8	9.5
14	MP2A	My	-.009	9.5
15	MP2A	Mz	-.003	9.5
16	MP2A	Y	-8.8	10.5
17	MP2A	My	-.009	10.5
18	MP2A	Mz	-.003	10.5
19	MP2A	Y	-8.8	9.5
20	MP2A	My	-.009	9.5
21	MP2A	Mz	.003	9.5
22	MP2A	Y	-8.8	10
23	MP2A	My	-.009	10
24	MP2A	Mz	.003	10
25	MP1A	Y	-43.55	1
26	MP1A	My	-.022	1
27	MP1A	Mz	0	1
28	MP1A	Y	-43.55	2
29	MP1A	My	-.022	2
30	MP1A	Mz	0	2
31	MP2A	Y	-43.55	1
32	MP2A	My	-.022	1
33	MP2A	Mz	0	1
34	MP2A	Y	-43.55	2
35	MP2A	My	-.022	2

Member Point Loads (BLC 1 : Antenna D) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2A	Mz	0	2
37	MP1A	Y	-84.4	6
38	MP1A	My	.042	6
39	MP1A	Mz	.049	6
40	MP1A	Y	-70.3	6
41	MP1A	My	.035	6
42	MP1A	Mz	-.041	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	3.3	9.5
2	MP1A	My	.003	9.5
3	MP1A	Mz	.001	9.5
4	MP1A	Y	3.3	10.5
5	MP1A	My	.003	10.5
6	MP1A	Mz	.001	10.5
7	MP1A	Y	3.3	9.5
8	MP1A	My	.003	9.5
9	MP1A	Mz	-.001	9.5
10	MP1A	Y	3.3	10
11	MP1A	My	.003	10
12	MP1A	Mz	-.001	10
13	MP2A	Y	3.3	9.5
14	MP2A	My	.003	9.5
15	MP2A	Mz	.001	9.5
16	MP2A	Y	3.3	10.5
17	MP2A	My	.003	10.5
18	MP2A	Mz	.001	10.5
19	MP2A	Y	3.3	9.5
20	MP2A	My	.003	9.5
21	MP2A	Mz	-.001	9.5
22	MP2A	Y	3.3	10
23	MP2A	My	.003	10
24	MP2A	Mz	-.001	10
25	MP1A	Y	-37.355	1
26	MP1A	My	-.019	1
27	MP1A	Mz	0	1
28	MP1A	Y	-37.355	2
29	MP1A	My	-.019	2
30	MP1A	Mz	0	2
31	MP2A	Y	-37.355	1
32	MP2A	My	-.019	1
33	MP2A	Mz	0	1
34	MP2A	Y	-37.355	2
35	MP2A	My	-.019	2
36	MP2A	Mz	0	2
37	MP1A	Y	-46.976	6
38	MP1A	My	.023	6
39	MP1A	Mz	.027	6
40	MP1A	Y	-42.26	6
41	MP1A	My	.021	6
42	MP1A	Mz	-.025	6

Member Point Loads (BLC 3 : Antenna Wo (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5

Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
2	MP1A	Z	-22.286	9.5
3	MP1A	Mx	.007	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	-22.286	10.5
6	MP1A	Mx	.007	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	-22.286	9.5
9	MP1A	Mx	-.007	9.5
10	MP1A	X	0	10
11	MP1A	Z	-22.286	10
12	MP1A	Mx	-.007	10
13	MP2A	X	0	9.5
14	MP2A	Z	-22.286	9.5
15	MP2A	Mx	.007	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	-22.286	10.5
18	MP2A	Mx	.007	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	-22.286	9.5
21	MP2A	Mx	-.007	9.5
22	MP2A	X	0	10
23	MP2A	Z	-22.286	10
24	MP2A	Mx	-.007	10
25	MP1A	X	0	1
26	MP1A	Z	-91.554	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	-91.554	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	-91.554	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	-91.554	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	-71.966	6
39	MP1A	Mx	-.042	6
40	MP1A	X	0	6
41	MP1A	Z	-71.966	6
42	MP1A	Mx	.042	6

Member Point Loads (BLC 4 : Antenna Wo (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	11.151	9.5
2	MP1A	Z	-19.315	9.5
3	MP1A	Mx	-.005	9.5
4	MP1A	X	11.151	10.5
5	MP1A	Z	-19.315	10.5
6	MP1A	Mx	-.005	10.5
7	MP1A	X	11.151	9.5
8	MP1A	Z	-19.315	9.5
9	MP1A	Mx	-.018	9.5
10	MP1A	X	11.151	10
11	MP1A	Z	-19.315	10
12	MP1A	Mx	-.018	10

Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
13	MP2A	X	11.151	9.5
14	MP2A	Z	-19.315	9.5
15	MP2A	Mx	-.005	9.5
16	MP2A	X	11.151	10.5
17	MP2A	Z	-19.315	10.5
18	MP2A	Mx	-.005	10.5
19	MP2A	X	11.151	9.5
20	MP2A	Z	-19.315	9.5
21	MP2A	Mx	-.018	9.5
22	MP2A	X	11.151	10
23	MP2A	Z	-19.315	10
24	MP2A	Mx	-.018	10
25	MP1A	X	38.274	1
26	MP1A	Z	-66.292	1
27	MP1A	Mx	-.019	1
28	MP1A	X	38.274	2
29	MP1A	Z	-66.292	2
30	MP1A	Mx	-.019	2
31	MP2A	X	38.274	1
32	MP2A	Z	-66.292	1
33	MP2A	Mx	-.019	1
34	MP2A	X	38.274	2
35	MP2A	Z	-66.292	2
36	MP2A	Mx	-.019	2
37	MP1A	X	33.023	6
38	MP1A	Z	-57.198	6
39	MP1A	Mx	-.017	6
40	MP1A	X	31.92	6
41	MP1A	Z	-55.288	6
42	MP1A	Mx	.048	6

Member Point Loads (BLC 5 : Antenna Wo (60 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	19.343	9.5
2	MP1A	Z	-11.168	9.5
3	MP1A	Mx	-.016	9.5
4	MP1A	X	19.343	10.5
5	MP1A	Z	-11.168	10.5
6	MP1A	Mx	-.016	10.5
7	MP1A	X	19.343	9.5
8	MP1A	Z	-11.168	9.5
9	MP1A	Mx	-.023	9.5
10	MP1A	X	19.343	10
11	MP1A	Z	-11.168	10
12	MP1A	Mx	-.023	10
13	MP2A	X	19.343	9.5
14	MP2A	Z	-11.168	9.5
15	MP2A	Mx	-.016	9.5
16	MP2A	X	19.343	10.5
17	MP2A	Z	-11.168	10.5
18	MP2A	Mx	-.016	10.5
19	MP2A	X	19.343	9.5
20	MP2A	Z	-11.168	9.5
21	MP2A	Mx	-.023	9.5
22	MP2A	X	19.343	10
23	MP2A	Z	-11.168	10

Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2A	Mx	-.023	10
25	MP1A	X	40.301	1
26	MP1A	Z	-23.268	1
27	MP1A	Mx	-.02	1
28	MP1A	X	40.301	2
29	MP1A	Z	-23.268	2
30	MP1A	Mx	-.02	2
31	MP2A	X	40.301	1
32	MP2A	Z	-23.268	1
33	MP2A	Mx	-.02	1
34	MP2A	X	40.301	2
35	MP2A	Z	-23.268	2
36	MP2A	Mx	-.02	2
37	MP1A	X	46.944	6
38	MP1A	Z	-27.103	6
39	MP1A	Mx	.008	6
40	MP1A	X	41.214	6
41	MP1A	Z	-23.795	6
42	MP1A	Mx	.034	6

Member Point Loads (BLC 6 : Antenna Wo (90 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	22.352	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	-.022	9.5
4	MP1A	X	22.352	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	-.022	10.5
7	MP1A	X	22.352	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	-.022	9.5
10	MP1A	X	22.352	10
11	MP1A	Z	0	10
12	MP1A	Mx	-.022	10
13	MP2A	X	22.352	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	-.022	9.5
16	MP2A	X	22.352	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	-.022	10.5
19	MP2A	X	22.352	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	-.022	9.5
22	MP2A	X	22.352	10
23	MP2A	Z	0	10
24	MP2A	Mx	-.022	10
25	MP1A	X	31.53	1
26	MP1A	Z	0	1
27	MP1A	Mx	-.016	1
28	MP1A	X	31.53	2
29	MP1A	Z	0	2
30	MP1A	Mx	-.016	2
31	MP2A	X	31.53	1
32	MP2A	Z	0	1
33	MP2A	Mx	-.016	1
34	MP2A	X	31.53	2

Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
35	MP2A	Z	0	2
36	MP2A	Mx	-.016	2
37	MP1A	X	48.287	6
38	MP1A	Z	0	6
39	MP1A	Mx	.024	6
40	MP1A	X	39.465	6
41	MP1A	Z	0	6
42	MP1A	Mx	.02	6

Member Point Loads (BLC 7 : Antenna Wo (120 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	19.343	9.5
2	MP1A	Z	11.168	9.5
3	MP1A	Mx	-.023	9.5
4	MP1A	X	19.343	10.5
5	MP1A	Z	11.168	10.5
6	MP1A	Mx	-.023	10.5
7	MP1A	X	19.343	9.5
8	MP1A	Z	11.168	9.5
9	MP1A	Mx	-.016	9.5
10	MP1A	X	19.343	10
11	MP1A	Z	11.168	10
12	MP1A	Mx	-.016	10
13	MP2A	X	19.343	9.5
14	MP2A	Z	11.168	9.5
15	MP2A	Mx	-.023	9.5
16	MP2A	X	19.343	10.5
17	MP2A	Z	11.168	10.5
18	MP2A	Mx	-.023	10.5
19	MP2A	X	19.343	9.5
20	MP2A	Z	11.168	9.5
21	MP2A	Mx	-.016	9.5
22	MP2A	X	19.343	10
23	MP2A	Z	11.168	10
24	MP2A	Mx	-.016	10
25	MP1A	X	40.301	1
26	MP1A	Z	23.268	1
27	MP1A	Mx	-.02	1
28	MP1A	X	40.301	2
29	MP1A	Z	23.268	2
30	MP1A	Mx	-.02	2
31	MP2A	X	40.301	1
32	MP2A	Z	23.268	1
33	MP2A	Mx	-.02	1
34	MP2A	X	40.301	2
35	MP2A	Z	23.268	2
36	MP2A	Mx	-.02	2
37	MP1A	X	46.944	6
38	MP1A	Z	27.103	6
39	MP1A	Mx	.039	6
40	MP1A	X	41.214	6
41	MP1A	Z	23.795	6
42	MP1A	Mx	.007	6

Member Point Loads (BLC 8 : Antenna Wo (150 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
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Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	11.151	9.5
2	MP1A	Z	19.315	9.5
3	MP1A	Mx	-.018	9.5
4	MP1A	X	11.151	10.5
5	MP1A	Z	19.315	10.5
6	MP1A	Mx	-.018	10.5
7	MP1A	X	11.151	9.5
8	MP1A	Z	19.315	9.5
9	MP1A	Mx	-.005	9.5
10	MP1A	X	11.151	10
11	MP1A	Z	19.315	10
12	MP1A	Mx	-.005	10
13	MP2A	X	11.151	9.5
14	MP2A	Z	19.315	9.5
15	MP2A	Mx	-.018	9.5
16	MP2A	X	11.151	10.5
17	MP2A	Z	19.315	10.5
18	MP2A	Mx	-.018	10.5
19	MP2A	X	11.151	9.5
20	MP2A	Z	19.315	9.5
21	MP2A	Mx	-.005	9.5
22	MP2A	X	11.151	10
23	MP2A	Z	19.315	10
24	MP2A	Mx	-.005	10
25	MP1A	X	38.274	1
26	MP1A	Z	66.292	1
27	MP1A	Mx	-.019	1
28	MP1A	X	38.274	2
29	MP1A	Z	66.292	2
30	MP1A	Mx	-.019	2
31	MP2A	X	38.274	1
32	MP2A	Z	66.292	1
33	MP2A	Mx	-.019	1
34	MP2A	X	38.274	2
35	MP2A	Z	66.292	2
36	MP2A	Mx	-.019	2
37	MP1A	X	33.023	6
38	MP1A	Z	57.198	6
39	MP1A	Mx	.05	6
40	MP1A	X	31.92	6
41	MP1A	Z	55.288	6
42	MP1A	Mx	-.016	6

Member Point Loads (BLC 9 : Antenna Wo (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	22.286	9.5
3	MP1A	Mx	-.007	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	22.286	10.5
6	MP1A	Mx	-.007	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	22.286	9.5
9	MP1A	Mx	.007	9.5
10	MP1A	X	0	10
11	MP1A	Z	22.286	10

Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1A	Mx	.007	10
13	MP2A	X	0	9.5
14	MP2A	Z	22.286	9.5
15	MP2A	Mx	-.007	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	22.286	10.5
18	MP2A	Mx	-.007	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	22.286	9.5
21	MP2A	Mx	.007	9.5
22	MP2A	X	0	10
23	MP2A	Z	22.286	10
24	MP2A	Mx	.007	10
25	MP1A	X	0	1
26	MP1A	Z	91.554	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	91.554	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	91.554	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	91.554	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	71.966	6
39	MP1A	Mx	.042	6
40	MP1A	X	0	6
41	MP1A	Z	71.966	6
42	MP1A	Mx	-.042	6

Member Point Loads (BLC 10 : Antenna Wo (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-11.151	9.5
2	MP1A	Z	19.315	9.5
3	MP1A	Mx	.005	9.5
4	MP1A	X	-11.151	10.5
5	MP1A	Z	19.315	10.5
6	MP1A	Mx	.005	10.5
7	MP1A	X	-11.151	9.5
8	MP1A	Z	19.315	9.5
9	MP1A	Mx	.018	9.5
10	MP1A	X	-11.151	10
11	MP1A	Z	19.315	10
12	MP1A	Mx	.018	10
13	MP2A	X	-11.151	9.5
14	MP2A	Z	19.315	9.5
15	MP2A	Mx	.005	9.5
16	MP2A	X	-11.151	10.5
17	MP2A	Z	19.315	10.5
18	MP2A	Mx	.005	10.5
19	MP2A	X	-11.151	9.5
20	MP2A	Z	19.315	9.5
21	MP2A	Mx	.018	9.5
22	MP2A	X	-11.151	10

Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
23	MP2A	Z	19.315	10
24	MP2A	Mx	.018	10
25	MP1A	X	-38.274	1
26	MP1A	Z	66.292	1
27	MP1A	Mx	.019	1
28	MP1A	X	-38.274	2
29	MP1A	Z	66.292	2
30	MP1A	Mx	.019	2
31	MP2A	X	-38.274	1
32	MP2A	Z	66.292	1
33	MP2A	Mx	.019	1
34	MP2A	X	-38.274	2
35	MP2A	Z	66.292	2
36	MP2A	Mx	.019	2
37	MP1A	X	-33.023	6
38	MP1A	Z	57.198	6
39	MP1A	Mx	.017	6
40	MP1A	X	-31.92	6
41	MP1A	Z	55.288	6
42	MP1A	Mx	-.048	6

Member Point Loads (BLC 11 : Antenna Wo (240 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	-19.343	9.5
2	MP1A	Z	11.168	9.5
3	MP1A	Mx	.016	9.5
4	MP1A	X	-19.343	10.5
5	MP1A	Z	11.168	10.5
6	MP1A	Mx	.016	10.5
7	MP1A	X	-19.343	9.5
8	MP1A	Z	11.168	9.5
9	MP1A	Mx	.023	9.5
10	MP1A	X	-19.343	10
11	MP1A	Z	11.168	10
12	MP1A	Mx	.023	10
13	MP2A	X	-19.343	9.5
14	MP2A	Z	11.168	9.5
15	MP2A	Mx	.016	9.5
16	MP2A	X	-19.343	10.5
17	MP2A	Z	11.168	10.5
18	MP2A	Mx	.016	10.5
19	MP2A	X	-19.343	9.5
20	MP2A	Z	11.168	9.5
21	MP2A	Mx	.023	9.5
22	MP2A	X	-19.343	10
23	MP2A	Z	11.168	10
24	MP2A	Mx	.023	10
25	MP1A	X	-40.301	1
26	MP1A	Z	23.268	1
27	MP1A	Mx	.02	1
28	MP1A	X	-40.301	2
29	MP1A	Z	23.268	2
30	MP1A	Mx	.02	2
31	MP2A	X	-40.301	1
32	MP2A	Z	23.268	1
33	MP2A	Mx	.02	1

Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2A	X	-40.301	2
35	MP2A	Z	23.268	2
36	MP2A	Mx	.02	2
37	MP1A	X	-46.944	6
38	MP1A	Z	27.103	6
39	MP1A	Mx	-.008	6
40	MP1A	X	-41.214	6
41	MP1A	Z	23.795	6
42	MP1A	Mx	-.034	6

Member Point Loads (BLC 12 : Antenna Wo (270 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-22.352	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	.022	9.5
4	MP1A	X	-22.352	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	.022	10.5
7	MP1A	X	-22.352	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	.022	9.5
10	MP1A	X	-22.352	10
11	MP1A	Z	0	10
12	MP1A	Mx	.022	10
13	MP2A	X	-22.352	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	.022	9.5
16	MP2A	X	-22.352	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	.022	10.5
19	MP2A	X	-22.352	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	.022	9.5
22	MP2A	X	-22.352	10
23	MP2A	Z	0	10
24	MP2A	Mx	.022	10
25	MP1A	X	-31.53	1
26	MP1A	Z	0	1
27	MP1A	Mx	.016	1
28	MP1A	X	-31.53	2
29	MP1A	Z	0	2
30	MP1A	Mx	.016	2
31	MP2A	X	-31.53	1
32	MP2A	Z	0	1
33	MP2A	Mx	.016	1
34	MP2A	X	-31.53	2
35	MP2A	Z	0	2
36	MP2A	Mx	.016	2
37	MP1A	X	-48.287	6
38	MP1A	Z	0	6
39	MP1A	Mx	-.024	6
40	MP1A	X	-39.465	6
41	MP1A	Z	0	6
42	MP1A	Mx	-.02	6

Member Point Loads (BLC 13 : Antenna Wo (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-19.343	9.5
2	MP1A	Z	-11.168	9.5
3	MP1A	Mx	.023	9.5
4	MP1A	X	-19.343	10.5
5	MP1A	Z	-11.168	10.5
6	MP1A	Mx	.023	10.5
7	MP1A	X	-19.343	9.5
8	MP1A	Z	-11.168	9.5
9	MP1A	Mx	.016	9.5
10	MP1A	X	-19.343	10
11	MP1A	Z	-11.168	10
12	MP1A	Mx	.016	10
13	MP2A	X	-19.343	9.5
14	MP2A	Z	-11.168	9.5
15	MP2A	Mx	.023	9.5
16	MP2A	X	-19.343	10.5
17	MP2A	Z	-11.168	10.5
18	MP2A	Mx	.023	10.5
19	MP2A	X	-19.343	9.5
20	MP2A	Z	-11.168	9.5
21	MP2A	Mx	.016	9.5
22	MP2A	X	-19.343	10
23	MP2A	Z	-11.168	10
24	MP2A	Mx	.016	10
25	MP1A	X	-40.301	1
26	MP1A	Z	-23.268	1
27	MP1A	Mx	.02	1
28	MP1A	X	-40.301	2
29	MP1A	Z	-23.268	2
30	MP1A	Mx	.02	2
31	MP2A	X	-40.301	1
32	MP2A	Z	-23.268	1
33	MP2A	Mx	.02	1
34	MP2A	X	-40.301	2
35	MP2A	Z	-23.268	2
36	MP2A	Mx	.02	2
37	MP1A	X	-46.944	6
38	MP1A	Z	-27.103	6
39	MP1A	Mx	-.039	6
40	MP1A	X	-41.214	6
41	MP1A	Z	-23.795	6
42	MP1A	Mx	-.007	6

Member Point Loads (BLC 14 : Antenna Wo (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-11.151	9.5
2	MP1A	Z	-19.315	9.5
3	MP1A	Mx	.018	9.5
4	MP1A	X	-11.151	10.5
5	MP1A	Z	-19.315	10.5
6	MP1A	Mx	.018	10.5
7	MP1A	X	-11.151	9.5
8	MP1A	Z	-19.315	9.5
9	MP1A	Mx	.005	9.5
10	MP1A	X	-11.151	10
11	MP1A	Z	-19.315	10

Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1A	Mx	.005	10
13	MP2A	X	-11.151	9.5
14	MP2A	Z	-19.315	9.5
15	MP2A	Mx	.018	9.5
16	MP2A	X	-11.151	10.5
17	MP2A	Z	-19.315	10.5
18	MP2A	Mx	.018	10.5
19	MP2A	X	-11.151	9.5
20	MP2A	Z	-19.315	9.5
21	MP2A	Mx	.005	9.5
22	MP2A	X	-11.151	10
23	MP2A	Z	-19.315	10
24	MP2A	Mx	.005	10
25	MP1A	X	-38.274	1
26	MP1A	Z	-66.292	1
27	MP1A	Mx	.019	1
28	MP1A	X	-38.274	2
29	MP1A	Z	-66.292	2
30	MP1A	Mx	.019	2
31	MP2A	X	-38.274	1
32	MP2A	Z	-66.292	1
33	MP2A	Mx	.019	1
34	MP2A	X	-38.274	2
35	MP2A	Z	-66.292	2
36	MP2A	Mx	.019	2
37	MP1A	X	-33.023	6
38	MP1A	Z	-57.198	6
39	MP1A	Mx	-.05	6
40	MP1A	X	-31.92	6
41	MP1A	Z	-55.288	6
42	MP1A	Mx	.016	6

Member Point Loads (BLC 15 : Antenna Wi (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	-1.902	9.5
3	MP1A	Mx	.000634	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	-1.902	10.5
6	MP1A	Mx	.000634	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	-1.902	9.5
9	MP1A	Mx	-.000634	9.5
10	MP1A	X	0	10
11	MP1A	Z	-1.902	10
12	MP1A	Mx	-.000634	10
13	MP2A	X	0	9.5
14	MP2A	Z	-1.902	9.5
15	MP2A	Mx	.000634	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	-1.902	10.5
18	MP2A	Mx	.000634	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	-1.902	9.5
21	MP2A	Mx	-.000634	9.5
22	MP2A	X	0	10

Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
23	MP2A	Z	-1.902	10
24	MP2A	Mx	-.000634	10
25	MP1A	X	0	1
26	MP1A	Z	-21.64	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	-21.64	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	-21.64	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	-21.64	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	-18.163	6
39	MP1A	Mx	-.011	6
40	MP1A	X	0	6
41	MP1A	Z	-18.163	6
42	MP1A	Mx	.011	6

Member Point Loads (BLC 16 : Antenna Wi (30 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	1.339	9.5
2	MP1A	Z	-2.319	9.5
3	MP1A	Mx	-.000566	9.5
4	MP1A	X	1.339	10.5
5	MP1A	Z	-2.319	10.5
6	MP1A	Mx	-.000566	10.5
7	MP1A	X	1.339	9.5
8	MP1A	Z	-2.319	9.5
9	MP1A	Mx	-.002	9.5
10	MP1A	X	1.339	10
11	MP1A	Z	-2.319	10
12	MP1A	Mx	-.002	10
13	MP2A	X	1.339	9.5
14	MP2A	Z	-2.319	9.5
15	MP2A	Mx	-.000566	9.5
16	MP2A	X	1.339	10.5
17	MP2A	Z	-2.319	10.5
18	MP2A	Mx	-.000566	10.5
19	MP2A	X	1.339	9.5
20	MP2A	Z	-2.319	9.5
21	MP2A	Mx	-.002	9.5
22	MP2A	X	1.339	10
23	MP2A	Z	-2.319	10
24	MP2A	Mx	-.002	10
25	MP1A	X	9.272	1
26	MP1A	Z	-16.059	1
27	MP1A	Mx	-.005	1
28	MP1A	X	9.272	2
29	MP1A	Z	-16.059	2
30	MP1A	Mx	-.005	2
31	MP2A	X	9.272	1
32	MP2A	Z	-16.059	1
33	MP2A	Mx	-.005	1

Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2A	X	9.272	2
35	MP2A	Z	-16.059	2
36	MP2A	Mx	-.005	2
37	MP1A	X	8.393	6
38	MP1A	Z	-14.537	6
39	MP1A	Mx	-.004	6
40	MP1A	X	8.131	6
41	MP1A	Z	-14.084	6
42	MP1A	Mx	.012	6

Member Point Loads (BLC 17 : Antenna Wi (60 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	3.663	9.5
2	MP1A	Z	-2.115	9.5
3	MP1A	Mx	-.003	9.5
4	MP1A	X	3.663	10.5
5	MP1A	Z	-2.115	10.5
6	MP1A	Mx	-.003	10.5
7	MP1A	X	3.663	9.5
8	MP1A	Z	-2.115	9.5
9	MP1A	Mx	-.004	9.5
10	MP1A	X	3.663	10
11	MP1A	Z	-2.115	10
12	MP1A	Mx	-.004	10
13	MP2A	X	3.663	9.5
14	MP2A	Z	-2.115	9.5
15	MP2A	Mx	-.003	9.5
16	MP2A	X	3.663	10.5
17	MP2A	Z	-2.115	10.5
18	MP2A	Mx	-.003	10.5
19	MP2A	X	3.663	9.5
20	MP2A	Z	-2.115	9.5
21	MP2A	Mx	-.004	9.5
22	MP2A	X	3.663	10
23	MP2A	Z	-2.115	10
24	MP2A	Mx	-.004	10
25	MP1A	X	10.695	1
26	MP1A	Z	-6.175	1
27	MP1A	Mx	-.005	1
28	MP1A	X	10.695	2
29	MP1A	Z	-6.175	2
30	MP1A	Mx	-.005	2
31	MP2A	X	10.695	1
32	MP2A	Z	-6.175	1
33	MP2A	Mx	-.005	1
34	MP2A	X	10.695	2
35	MP2A	Z	-6.175	2
36	MP2A	Mx	-.005	2
37	MP1A	X	12.152	6
38	MP1A	Z	-7.016	6
39	MP1A	Mx	.002	6
40	MP1A	X	10.792	6
41	MP1A	Z	-6.231	6
42	MP1A	Mx	.009	6

Member Point Loads (BLC 18 : Antenna Wi (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.005	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	-.005	9.5
4	MP1A	X	5.005	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	-.005	10.5
7	MP1A	X	5.005	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	-.005	9.5
10	MP1A	X	5.005	10
11	MP1A	Z	0	10
12	MP1A	Mx	-.005	10
13	MP2A	X	5.005	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	-.005	9.5
16	MP2A	X	5.005	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	-.005	10.5
19	MP2A	X	5.005	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	-.005	9.5
22	MP2A	X	5.005	10
23	MP2A	Z	0	10
24	MP2A	Mx	-.005	10
25	MP1A	X	9.252	1
26	MP1A	Z	0	1
27	MP1A	Mx	-.005	1
28	MP1A	X	9.252	2
29	MP1A	Z	0	2
30	MP1A	Mx	-.005	2
31	MP2A	X	9.252	1
32	MP2A	Z	0	1
33	MP2A	Mx	-.005	1
34	MP2A	X	9.252	2
35	MP2A	Z	0	2
36	MP2A	Mx	-.005	2
37	MP1A	X	12.655	6
38	MP1A	Z	0	6
39	MP1A	Mx	.006	6
40	MP1A	X	10.562	6
41	MP1A	Z	0	6
42	MP1A	Mx	.005	6

Member Point Loads (BLC 19 : Antenna Wi (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.663	9.5
2	MP1A	Z	2.115	9.5
3	MP1A	Mx	-.004	9.5
4	MP1A	X	3.663	10.5
5	MP1A	Z	2.115	10.5
6	MP1A	Mx	-.004	10.5
7	MP1A	X	3.663	9.5
8	MP1A	Z	2.115	9.5
9	MP1A	Mx	-.003	9.5
10	MP1A	X	3.663	10
11	MP1A	Z	2.115	10

Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1A	Mx	-.003	10
13	MP2A	X	3.663	9.5
14	MP2A	Z	2.115	9.5
15	MP2A	Mx	-.004	9.5
16	MP2A	X	3.663	10.5
17	MP2A	Z	2.115	10.5
18	MP2A	Mx	-.004	10.5
19	MP2A	X	3.663	9.5
20	MP2A	Z	2.115	9.5
21	MP2A	Mx	-.003	9.5
22	MP2A	X	3.663	10
23	MP2A	Z	2.115	10
24	MP2A	Mx	-.003	10
25	MP1A	X	10.695	1
26	MP1A	Z	6.175	1
27	MP1A	Mx	-.005	1
28	MP1A	X	10.695	2
29	MP1A	Z	6.175	2
30	MP1A	Mx	-.005	2
31	MP2A	X	10.695	1
32	MP2A	Z	6.175	1
33	MP2A	Mx	-.005	1
34	MP2A	X	10.695	2
35	MP2A	Z	6.175	2
36	MP2A	Mx	-.005	2
37	MP1A	X	12.152	6
38	MP1A	Z	7.016	6
39	MP1A	Mx	.01	6
40	MP1A	X	10.792	6
41	MP1A	Z	6.231	6
42	MP1A	Mx	.002	6

Member Point Loads (BLC 20 : Antenna Wi (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.339	9.5
2	MP1A	Z	2.319	9.5
3	MP1A	Mx	-.002	9.5
4	MP1A	X	1.339	10.5
5	MP1A	Z	2.319	10.5
6	MP1A	Mx	-.002	10.5
7	MP1A	X	1.339	9.5
8	MP1A	Z	2.319	9.5
9	MP1A	Mx	-.000566	9.5
10	MP1A	X	1.339	10
11	MP1A	Z	2.319	10
12	MP1A	Mx	-.000566	10
13	MP2A	X	1.339	9.5
14	MP2A	Z	2.319	9.5
15	MP2A	Mx	-.002	9.5
16	MP2A	X	1.339	10.5
17	MP2A	Z	2.319	10.5
18	MP2A	Mx	-.002	10.5
19	MP2A	X	1.339	9.5
20	MP2A	Z	2.319	9.5
21	MP2A	Mx	-.000566	9.5
22	MP2A	X	1.339	10

Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	2.319	10
24	MP2A	Mx	-.000566	10
25	MP1A	X	9.272	1
26	MP1A	Z	16.059	1
27	MP1A	Mx	-.005	1
28	MP1A	X	9.272	2
29	MP1A	Z	16.059	2
30	MP1A	Mx	-.005	2
31	MP2A	X	9.272	1
32	MP2A	Z	16.059	1
33	MP2A	Mx	-.005	1
34	MP2A	X	9.272	2
35	MP2A	Z	16.059	2
36	MP2A	Mx	-.005	2
37	MP1A	X	8.393	6
38	MP1A	Z	14.537	6
39	MP1A	Mx	.013	6
40	MP1A	X	8.131	6
41	MP1A	Z	14.084	6
42	MP1A	Mx	-.004	6

Member Point Loads (BLC 21 : Antenna Wi (180 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	9.5
2	MP1A	Z	1.902	9.5
3	MP1A	Mx	-.000634	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	1.902	10.5
6	MP1A	Mx	-.000634	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	1.902	9.5
9	MP1A	Mx	.000634	9.5
10	MP1A	X	0	10
11	MP1A	Z	1.902	10
12	MP1A	Mx	.000634	10
13	MP2A	X	0	9.5
14	MP2A	Z	1.902	9.5
15	MP2A	Mx	-.000634	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	1.902	10.5
18	MP2A	Mx	-.000634	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	1.902	9.5
21	MP2A	Mx	.000634	9.5
22	MP2A	X	0	10
23	MP2A	Z	1.902	10
24	MP2A	Mx	.000634	10
25	MP1A	X	0	1
26	MP1A	Z	21.64	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	21.64	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	21.64	1
33	MP2A	Mx	0	1

Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2A	X	0	2
35	MP2A	Z	21.64	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	18.163	6
39	MP1A	Mx	.011	6
40	MP1A	X	0	6
41	MP1A	Z	18.163	6
42	MP1A	Mx	-.011	6

Member Point Loads (BLC 22 : Antenna Wi (210 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-1.339	9.5
2	MP1A	Z	2.319	9.5
3	MP1A	Mx	.000566	9.5
4	MP1A	X	-1.339	10.5
5	MP1A	Z	2.319	10.5
6	MP1A	Mx	.000566	10.5
7	MP1A	X	-1.339	9.5
8	MP1A	Z	2.319	9.5
9	MP1A	Mx	.002	9.5
10	MP1A	X	-1.339	10
11	MP1A	Z	2.319	10
12	MP1A	Mx	.002	10
13	MP2A	X	-1.339	9.5
14	MP2A	Z	2.319	9.5
15	MP2A	Mx	.000566	9.5
16	MP2A	X	-1.339	10.5
17	MP2A	Z	2.319	10.5
18	MP2A	Mx	.000566	10.5
19	MP2A	X	-1.339	9.5
20	MP2A	Z	2.319	9.5
21	MP2A	Mx	.002	9.5
22	MP2A	X	-1.339	10
23	MP2A	Z	2.319	10
24	MP2A	Mx	.002	10
25	MP1A	X	-9.272	1
26	MP1A	Z	16.059	1
27	MP1A	Mx	.005	1
28	MP1A	X	-9.272	2
29	MP1A	Z	16.059	2
30	MP1A	Mx	.005	2
31	MP2A	X	-9.272	1
32	MP2A	Z	16.059	1
33	MP2A	Mx	.005	1
34	MP2A	X	-9.272	2
35	MP2A	Z	16.059	2
36	MP2A	Mx	.005	2
37	MP1A	X	-8.393	6
38	MP1A	Z	14.537	6
39	MP1A	Mx	.004	6
40	MP1A	X	-8.131	6
41	MP1A	Z	14.084	6
42	MP1A	Mx	-.012	6

Member Point Loads (BLC 23 : Antenna Wi (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-3.663	9.5
2	MP1A	Z	2.115	9.5
3	MP1A	Mx	.003	9.5
4	MP1A	X	-3.663	10.5
5	MP1A	Z	2.115	10.5
6	MP1A	Mx	.003	10.5
7	MP1A	X	-3.663	9.5
8	MP1A	Z	2.115	9.5
9	MP1A	Mx	.004	9.5
10	MP1A	X	-3.663	10
11	MP1A	Z	2.115	10
12	MP1A	Mx	.004	10
13	MP2A	X	-3.663	9.5
14	MP2A	Z	2.115	9.5
15	MP2A	Mx	.003	9.5
16	MP2A	X	-3.663	10.5
17	MP2A	Z	2.115	10.5
18	MP2A	Mx	.003	10.5
19	MP2A	X	-3.663	9.5
20	MP2A	Z	2.115	9.5
21	MP2A	Mx	.004	9.5
22	MP2A	X	-3.663	10
23	MP2A	Z	2.115	10
24	MP2A	Mx	.004	10
25	MP1A	X	-10.695	1
26	MP1A	Z	6.175	1
27	MP1A	Mx	.005	1
28	MP1A	X	-10.695	2
29	MP1A	Z	6.175	2
30	MP1A	Mx	.005	2
31	MP2A	X	-10.695	1
32	MP2A	Z	6.175	1
33	MP2A	Mx	.005	1
34	MP2A	X	-10.695	2
35	MP2A	Z	6.175	2
36	MP2A	Mx	.005	2
37	MP1A	X	-12.152	6
38	MP1A	Z	7.016	6
39	MP1A	Mx	-.002	6
40	MP1A	X	-10.792	6
41	MP1A	Z	6.231	6
42	MP1A	Mx	-.009	6

Member Point Loads (BLC 24 : Antenna Wi (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-5.005	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	.005	9.5
4	MP1A	X	-5.005	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	.005	10.5
7	MP1A	X	-5.005	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	.005	9.5
10	MP1A	X	-5.005	10
11	MP1A	Z	0	10

Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1A	Mx	.005	10
13	MP2A	X	-5.005	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	.005	9.5
16	MP2A	X	-5.005	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	.005	10.5
19	MP2A	X	-5.005	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	.005	9.5
22	MP2A	X	-5.005	10
23	MP2A	Z	0	10
24	MP2A	Mx	.005	10
25	MP1A	X	-9.252	1
26	MP1A	Z	0	1
27	MP1A	Mx	.005	1
28	MP1A	X	-9.252	2
29	MP1A	Z	0	2
30	MP1A	Mx	.005	2
31	MP2A	X	-9.252	1
32	MP2A	Z	0	1
33	MP2A	Mx	.005	1
34	MP2A	X	-9.252	2
35	MP2A	Z	0	2
36	MP2A	Mx	.005	2
37	MP1A	X	-12.655	6
38	MP1A	Z	0	6
39	MP1A	Mx	-.006	6
40	MP1A	X	-10.562	6
41	MP1A	Z	0	6
42	MP1A	Mx	-.005	6

Member Point Loads (BLC 25 : Antenna Wi (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.663	9.5
2	MP1A	Z	-2.115	9.5
3	MP1A	Mx	.004	9.5
4	MP1A	X	-3.663	10.5
5	MP1A	Z	-2.115	10.5
6	MP1A	Mx	.004	10.5
7	MP1A	X	-3.663	9.5
8	MP1A	Z	-2.115	9.5
9	MP1A	Mx	.003	9.5
10	MP1A	X	-3.663	10
11	MP1A	Z	-2.115	10
12	MP1A	Mx	.003	10
13	MP2A	X	-3.663	9.5
14	MP2A	Z	-2.115	9.5
15	MP2A	Mx	.004	9.5
16	MP2A	X	-3.663	10.5
17	MP2A	Z	-2.115	10.5
18	MP2A	Mx	.004	10.5
19	MP2A	X	-3.663	9.5
20	MP2A	Z	-2.115	9.5
21	MP2A	Mx	.003	9.5
22	MP2A	X	-3.663	10

Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
23	MP2A	Z	-2.115	10
24	MP2A	Mx	.003	10
25	MP1A	X	-10.695	1
26	MP1A	Z	-6.175	1
27	MP1A	Mx	.005	1
28	MP1A	X	-10.695	2
29	MP1A	Z	-6.175	2
30	MP1A	Mx	.005	2
31	MP2A	X	-10.695	1
32	MP2A	Z	-6.175	1
33	MP2A	Mx	.005	1
34	MP2A	X	-10.695	2
35	MP2A	Z	-6.175	2
36	MP2A	Mx	.005	2
37	MP1A	X	-12.152	6
38	MP1A	Z	-7.016	6
39	MP1A	Mx	-.01	6
40	MP1A	X	-10.792	6
41	MP1A	Z	-6.231	6
42	MP1A	Mx	-.002	6

Member Point Loads (BLC 26 : Antenna Wi (330 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	-1.339	9.5
2	MP1A	Z	-2.319	9.5
3	MP1A	Mx	.002	9.5
4	MP1A	X	-1.339	10.5
5	MP1A	Z	-2.319	10.5
6	MP1A	Mx	.002	10.5
7	MP1A	X	-1.339	9.5
8	MP1A	Z	-2.319	9.5
9	MP1A	Mx	.000566	9.5
10	MP1A	X	-1.339	10
11	MP1A	Z	-2.319	10
12	MP1A	Mx	.000566	10
13	MP2A	X	-1.339	9.5
14	MP2A	Z	-2.319	9.5
15	MP2A	Mx	.002	9.5
16	MP2A	X	-1.339	10.5
17	MP2A	Z	-2.319	10.5
18	MP2A	Mx	.002	10.5
19	MP2A	X	-1.339	9.5
20	MP2A	Z	-2.319	9.5
21	MP2A	Mx	.000566	9.5
22	MP2A	X	-1.339	10
23	MP2A	Z	-2.319	10
24	MP2A	Mx	.000566	10
25	MP1A	X	-9.272	1
26	MP1A	Z	-16.059	1
27	MP1A	Mx	.005	1
28	MP1A	X	-9.272	2
29	MP1A	Z	-16.059	2
30	MP1A	Mx	.005	2
31	MP2A	X	-9.272	1
32	MP2A	Z	-16.059	1
33	MP2A	Mx	.005	1

Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2A	X	-9.272	2
35	MP2A	Z	-16.059	2
36	MP2A	Mx	.005	2
37	MP1A	X	-8.393	6
38	MP1A	Z	-14.537	6
39	MP1A	Mx	-.013	6
40	MP1A	X	-8.131	6
41	MP1A	Z	-14.084	6
42	MP1A	Mx	.004	6

Member Point Loads (BLC 27 : Antenna Wm (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 28 : Antenna Wm (30 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 29 : Antenna Wm (60 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10

Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 30 : Antenna Wm (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10

Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 31 : Antenna Wm (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1

Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 32 : Antenna Wm (150 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 33 : Antenna Wm (180 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 34 : Antenna Wm (210 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10

Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 35 : Antenna Wm (240 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10

Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 36 : Antenna Wm (270 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1

Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 37 : Antenna Wm (300 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 38 : Antenna Wm (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	9.5
2	MP1A	Z	0	9.5
3	MP1A	Mx	0	9.5
4	MP1A	X	0	10.5
5	MP1A	Z	0	10.5
6	MP1A	Mx	0	10.5
7	MP1A	X	0	9.5
8	MP1A	Z	0	9.5
9	MP1A	Mx	0	9.5
10	MP1A	X	0	10
11	MP1A	Z	0	10
12	MP1A	Mx	0	10
13	MP2A	X	0	9.5
14	MP2A	Z	0	9.5
15	MP2A	Mx	0	9.5
16	MP2A	X	0	10.5
17	MP2A	Z	0	10.5
18	MP2A	Mx	0	10.5
19	MP2A	X	0	9.5
20	MP2A	Z	0	9.5
21	MP2A	Mx	0	9.5
22	MP2A	X	0	10
23	MP2A	Z	0	10
24	MP2A	Mx	0	10
25	MP1A	X	0	1
26	MP1A	Z	0	1
27	MP1A	Mx	0	1
28	MP1A	X	0	2
29	MP1A	Z	0	2
30	MP1A	Mx	0	2
31	MP2A	X	0	1
32	MP2A	Z	0	1
33	MP2A	Mx	0	1
34	MP2A	X	0	2
35	MP2A	Z	0	2
36	MP2A	Mx	0	2
37	MP1A	X	0	6
38	MP1A	Z	0	6
39	MP1A	Mx	0	6
40	MP1A	X	0	6
41	MP1A	Z	0	6
42	MP1A	Mx	0	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M39	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M39	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M39	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M39	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	0	9.5
2	MP1A	My	0	9.5
3	MP1A	Mz	0	9.5
4	MP1A	Y	0	10.5
5	MP1A	My	0	10.5
6	MP1A	Mz	0	10.5
7	MP1A	Y	0	9.5
8	MP1A	My	0	9.5
9	MP1A	Mz	0	9.5
10	MP1A	Y	0	10
11	MP1A	My	0	10
12	MP1A	Mz	0	10
13	MP2A	Y	0	9.5
14	MP2A	My	0	9.5
15	MP2A	Mz	0	9.5
16	MP2A	Y	0	10.5
17	MP2A	My	0	10.5
18	MP2A	Mz	0	10.5
19	MP2A	Y	0	9.5
20	MP2A	My	0	9.5
21	MP2A	Mz	0	9.5
22	MP2A	Y	0	10
23	MP2A	My	0	10
24	MP2A	Mz	0	10
25	MP1A	Y	0	1
26	MP1A	My	0	1
27	MP1A	Mz	0	1
28	MP1A	Y	0	2
29	MP1A	My	0	2
30	MP1A	Mz	0	2
31	MP2A	Y	0	1
32	MP2A	My	0	1
33	MP2A	Mz	0	1
34	MP2A	Y	0	2
35	MP2A	My	0	2
36	MP2A	Mz	0	2
37	MP1A	Y	0	6
38	MP1A	My	0	6
39	MP1A	Mz	0	6
40	MP1A	Y	0	6
41	MP1A	My	0	6
42	MP1A	Mz	0	6

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-.792	9.5
2	MP1A	Mx	.000264	9.5
3	MP1A	Z	-.792	10.5
4	MP1A	Mx	.000264	10.5
5	MP1A	Z	-.792	9.5
6	MP1A	Mx	-.000264	9.5
7	MP1A	Z	-.792	10

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1A	Mx	-.000264	10
9	MP2A	Z	-.792	9.5
10	MP2A	Mx	.000264	9.5
11	MP2A	Z	-.792	10.5
12	MP2A	Mx	.000264	10.5
13	MP2A	Z	-.792	9.5
14	MP2A	Mx	-.000264	9.5
15	MP2A	Z	-.792	10
16	MP2A	Mx	-.000264	10
17	MP1A	Z	-3.92	1
18	MP1A	Mx	0	1
19	MP1A	Z	-3.92	2
20	MP1A	Mx	0	2
21	MP2A	Z	-3.92	1
22	MP2A	Mx	0	1
23	MP2A	Z	-3.92	2
24	MP2A	Mx	0	2
25	MP1A	Z	-7.596	6
26	MP1A	Mx	-.004	6
27	MP1A	Z	-6.327	6
28	MP1A	Mx	.004	6

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	.792	9.5
2	MP1A	Mx	-.000792	9.5
3	MP1A	X	.792	10.5
4	MP1A	Mx	-.000792	10.5
5	MP1A	X	.792	9.5
6	MP1A	Mx	-.000792	9.5
7	MP1A	X	.792	10
8	MP1A	Mx	-.000792	10
9	MP2A	X	.792	9.5
10	MP2A	Mx	-.000792	9.5
11	MP2A	X	.792	10.5
12	MP2A	Mx	-.000792	10.5
13	MP2A	X	.792	9.5
14	MP2A	Mx	-.000792	9.5
15	MP2A	X	.792	10
16	MP2A	Mx	-.000792	10
17	MP1A	X	3.92	1
18	MP1A	Mx	-.002	1
19	MP1A	X	3.92	2
20	MP1A	Mx	-.002	2
21	MP2A	X	3.92	1
22	MP2A	Mx	-.002	1
23	MP2A	X	3.92	2
24	MP2A	Mx	-.002	2
25	MP1A	X	7.596	6
26	MP1A	Mx	.004	6
27	MP1A	X	6.327	6
28	MP1A	Mx	.003	6

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP1A	Y	-5.247	-5.247	0	%100
2	M26	Y	-5.247	-5.247	0	%100
3	M53B	Y	-2.679	-2.679	0	%100
4	M54A	Y	-2.679	-2.679	0	%100
5	MP2A	Y	-5.247	-5.247	0	%100
6	M60B	Y	-2.679	-2.679	0	%100
7	M61B	Y	-2.679	-2.679	0	%100

Member Distributed Loads (BLC 41 : Structure Wo (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	-11.027	-11.027	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	-11.027	-11.027	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	-11.027	-11.027	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP1A	X	5.514	5.514	0	%100
2	MP1A	Z	-9.55	-9.55	0	%100
3	M26	X	5.514	5.514	0	%100
4	M26	Z	-9.55	-9.55	0	%100
5	M53B	X	.324	.324	0	%100
6	M53B	Z	-.561	-.561	0	%100
7	M54A	X	.324	.324	0	%100
8	M54A	Z	-.561	-.561	0	%100
9	MP2A	X	5.514	5.514	0	%100
10	MP2A	Z	-9.55	-9.55	0	%100
11	M60B	X	.324	.324	0	%100
12	M60B	Z	-.561	-.561	0	%100
13	M61B	X	.324	.324	0	%100
14	M61B	Z	-.561	-.561	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP1A	X	9.55	9.55	0	%100
2	MP1A	Z	-5.514	-5.514	0	%100
3	M26	X	9.55	9.55	0	%100
4	M26	Z	-5.514	-5.514	0	%100
5	M53B	X	1.682	1.682	0	%100
6	M53B	Z	-.971	-.971	0	%100
7	M54A	X	1.682	1.682	0	%100
8	M54A	Z	-.971	-.971	0	%100
9	MP2A	X	9.55	9.55	0	%100
10	MP2A	Z	-5.514	-5.514	0	%100

Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
11	M60B	X	1.682	1.682	0	%100
12	M60B	Z	-.971	-.971	0	%100
13	M61B	X	1.682	1.682	0	%100
14	M61B	Z	-.971	-.971	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	11.027	11.027	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	11.027	11.027	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	2.59	2.59	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	2.59	2.59	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	11.027	11.027	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	2.59	2.59	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	2.59	2.59	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 45 : Structure Wo (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	9.55	9.55	0	%100
2	MP1A	Z	5.514	5.514	0	%100
3	M26	X	9.55	9.55	0	%100
4	M26	Z	5.514	5.514	0	%100
5	M53B	X	1.682	1.682	0	%100
6	M53B	Z	.971	.971	0	%100
7	M54A	X	1.682	1.682	0	%100
8	M54A	Z	.971	.971	0	%100
9	MP2A	X	9.55	9.55	0	%100
10	MP2A	Z	5.514	5.514	0	%100
11	M60B	X	1.682	1.682	0	%100
12	M60B	Z	.971	.971	0	%100
13	M61B	X	1.682	1.682	0	%100
14	M61B	Z	.971	.971	0	%100

Member Distributed Loads (BLC 46 : Structure Wo (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	5.514	5.514	0	%100
2	MP1A	Z	9.55	9.55	0	%100
3	M26	X	5.514	5.514	0	%100
4	M26	Z	9.55	9.55	0	%100
5	M53B	X	.324	.324	0	%100
6	M53B	Z	.561	.561	0	%100
7	M54A	X	.324	.324	0	%100
8	M54A	Z	.561	.561	0	%100
9	MP2A	X	5.514	5.514	0	%100
10	MP2A	Z	9.55	9.55	0	%100
11	M60B	X	.324	.324	0	%100
12	M60B	Z	.561	.561	0	%100
13	M61B	X	.324	.324	0	%100
14	M61B	Z	.561	.561	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	11.027	11.027	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	11.027	11.027	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	11.027	11.027	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg))

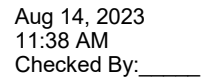
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	-5.514	-5.514	0	%100
2	MP1A	Z	9.55	9.55	0	%100
3	M26	X	-5.514	-5.514	0	%100
4	M26	Z	9.55	9.55	0	%100
5	M53B	X	-.324	-.324	0	%100
6	M53B	Z	.561	.561	0	%100
7	M54A	X	-.324	-.324	0	%100
8	M54A	Z	.561	.561	0	%100
9	MP2A	X	-5.514	-5.514	0	%100
10	MP2A	Z	9.55	9.55	0	%100
11	M60B	X	-.324	-.324	0	%100
12	M60B	Z	.561	.561	0	%100
13	M61B	X	-.324	-.324	0	%100
14	M61B	Z	.561	.561	0	%100

Member Distributed Loads (BLC 49 : Structure Wo (240 Deg))

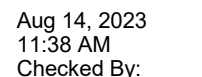
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	-9.55	-9.55	0	%100
2	MP1A	Z	5.514	5.514	0	%100
3	M26	X	-9.55	-9.55	0	%100
4	M26	Z	5.514	5.514	0	%100
5	M53B	X	-1.682	-1.682	0	%100
6	M53B	Z	.971	.971	0	%100
7	M54A	X	-1.682	-1.682	0	%100
8	M54A	Z	.971	.971	0	%100
9	MP2A	X	-9.55	-9.55	0	%100
10	MP2A	Z	5.514	5.514	0	%100
11	M60B	X	-1.682	-1.682	0	%100
12	M60B	Z	.971	.971	0	%100
13	M61B	X	-1.682	-1.682	0	%100
14	M61B	Z	.971	.971	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	-11.027	-11.027	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	-11.027	-11.027	0	%100
4	M26	Z	0	0	0	%100



RISA-3D Version 17.0.4 [\\...\\...\\...\\...\\...\\...\\Risa\\5000381993-VZW MT LOT A H.r3d] Page 44



RISA-3D Version 17.0.4 [\\...\\Risa\\5000381993-VZW MT LOT A H.r3d] Page 45

Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	M61B	X	1.669	1.669	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 57 : Structure Wi (120 Deg))

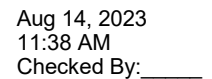
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	3.335	3.335	0	%100
2	MP1A	Z	1.925	1.925	0	%100
3	M26	X	3.335	3.335	0	%100
4	M26	Z	1.925	1.925	0	%100
5	M53B	X	1.084	1.084	0	%100
6	M53B	Z	.626	.626	0	%100
7	M54A	X	1.084	1.084	0	%100
8	M54A	Z	.626	.626	0	%100
9	MP2A	X	3.335	3.335	0	%100
10	MP2A	Z	1.925	1.925	0	%100
11	M60B	X	1.084	1.084	0	%100
12	M60B	Z	.626	.626	0	%100
13	M61B	X	1.084	1.084	0	%100
14	M61B	Z	.626	.626	0	%100

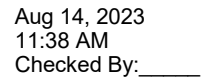
Member Distributed Loads (BLC 58 : Structure Wi (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	1.925	1.925	0	%100
2	MP1A	Z	3.335	3.335	0	%100
3	M26	X	1.925	1.925	0	%100
4	M26	Z	3.335	3.335	0	%100
5	M53B	X	.209	.209	0	%100
6	M53B	Z	.361	.361	0	%100
7	M54A	X	.209	.209	0	%100
8	M54A	Z	.361	.361	0	%100
9	MP2A	X	1.925	1.925	0	%100
10	MP2A	Z	3.335	3.335	0	%100
11	M60B	X	.209	.209	0	%100
12	M60B	Z	.361	.361	0	%100
13	M61B	X	.209	.209	0	%100
14	M61B	Z	.361	.361	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	3.851	3.851	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	3.851	3.851	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	3.851	3.851	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100





Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 67 : Structure Wm (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	MP1A	X	0	0	0	%100
2	MP1A	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M53B	X	0	0	0	%100
6	M53B	Z	0	0	0	%100
7	M54A	X	0	0	0	%100
8	M54A	Z	0	0	0	%100
9	MP2A	X	0	0	0	%100
10	MP2A	Z	0	0	0	%100
11	M60B	X	0	0	0	%100
12	M60B	Z	0	0	0	%100
13	M61B	X	0	0	0	%100
14	M61B	Z	0	0	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

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

Member	Shape	Code Check	L...	LC	Shear C...	Loc...	phi*P...	phi*P...	phi*M...	phi*M...	Eqn
1	MP1A PIPE 2.0	.717	6.5	1	.046	5.8...	6 6830...	32130	1.872	1.872	... H1-1b
2	M26 PIPE 2.0	.296	5...	7	.208	5.5...	3 17855...	32130	1.872	1.872	1 H1-1b
3	M53B SR_0.625	.883	1	11	.202	1	157286...	9940...	.104	.104	... H1-1b
4	M54A SR_0.625	.883	1	3	.202	1	237286...	9940...	.104	.104	... H1-1b
5	MP2A PIPE 2.0	.524	5.5	7	.059	11.5	4 6830...	32130	1.872	1.872	... H1-1b
6	M60B SR_0.625	.823	1	19	.197	1	187286...	9940...	.104	.104	... H1-1b
7	M61B SR_0.625	.823	1	19	.197	1	207286...	9940...	.104	.104	... H1-1b

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N74	max	0	75	0	75	0	75	0	75	0	75	0	75
2		min	0	1	0	1	0	1	0	1	0	1	0	1
3	N75	max	424.088	9	575.232	48	-969.323	64	0	75	.408	9	.009	9
4		min	-429.119	5	143.372	7	-3848.749	37	0	1	-.413	3	-.009	5
5	N76	max	0	75	0	75	3828.497	48	0	75	0	75	0	75
6		min	0	1	0	1	815.915	7	0	1	0	1	0	1
7	N80	max	0	75	0	75	0	75	0	75	0	75	0	75
8		min	0	1	0	1	0	1	0	1	0	1	0	1
9	N81	max	81.179	6	559.016	36	-919.25	64	0	75	.045	10	.002	6
10		min	-76.148	8	134.765	1	-3702.979	25	0	1	-.04	4	-.002	8
11	N82	max	0	75	0	75	3733.085	36	0	75	0	75	0	75
12		min	0	1	0	1	863.467	1	0	1	0	1	0	1
13	N51A	max	0	75	0	75	0	75	0	75	0	75	0	75
14		min	0	1	0	1	0	1	0	1	0	1	0	1
15	N52	max	360.973	9	206.494	24	-406.948	1	0	75	.63	11	.008	9
16		min	-360.974	5	87.836	70	-1587.367	19	0	1	-.631	3	-.008	5
17	N53A	max	0	75	0	75	1384.406	13	0	75	0	75	0	75
18		min	0	1	0	1	570.589	70	0	1	0	1	0	1
19	N68A	max	0	75	0	75	0	75	0	75	0	75	0	75
20		min	0	1	0	1	0	1	0	1	0	1	0	1
21	N69A	max	47.945	6	199.423	18	-514.513	70	0	75	.149	10	0	6
22		min	-47.945	8	84.683	64	-1242.171	13	0	1	-.149	4	0	8
23	N70A	max	0	75	0	75	1361.421	19	0	75	0	75	0	75
24		min	0	1	0	1	574.118	64	0	1	0	1	0	1
25	Totals:	max	744.907	10	1363.308	36	1030.259	1						



Company : Colliers Engineering & Design
Designer :
Job Number : Project No. 10208090
Model Name : 5000381993-VZW_MT_LOT_SectorA_H

Aug 14, 2023
11:38 AM
Checked By: _____

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
26		min	-744.907	4	459.948	75	-1030.277	7						



Client:	Verizon Wireless	Date:	8/14/2023
Site Name:	Stamford CT		
Project No.	23777237		
Title:	Antenna Mount Analysis (8.5" Angle)	Page:	1

Version 1.3

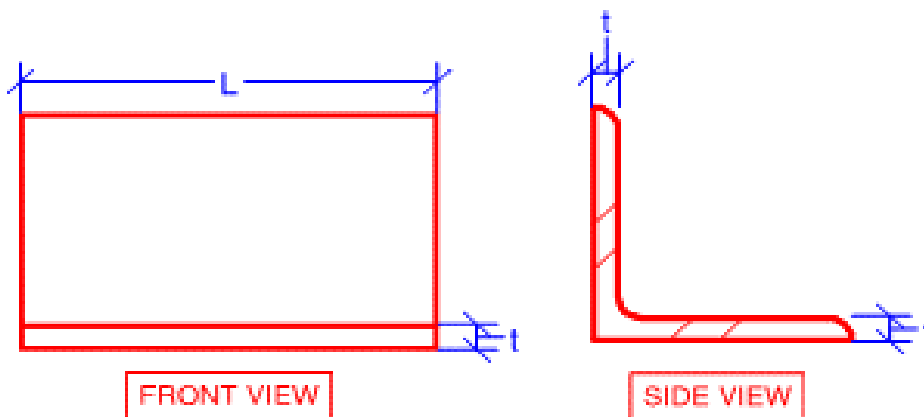
I. (LRFD) Angle Wall Mount Bracket Check

Shape	Rectangular Bar	
Manual Inputs		Units
L (Length)	8.5	in
t (Thickness)	0.25	in
F_y (Yield Strength)	36	KSI
ϕ (Phi)	0.9	-
Z (Section Modulus)	0.133	in ³
M_n (Nominal Capacity)	358.6	lb-ft

RISA Outputs		Units
M_u (Acting Moment)	79	lb-ft

Capacity (%)	
Plate Capacity	22.03%
Pass/Fail	Pass

RECTANGULAR BAR





Client:	Verizon Wireless	Date:	8/14/2023
Site Name:	Stamford CT		
Project No.	23777237		
Title:	Antenna Mount Analysis (C - Section)	Page:	1

Version 1.3

I. (LRFD) Angle Wall Mount Bracket Check

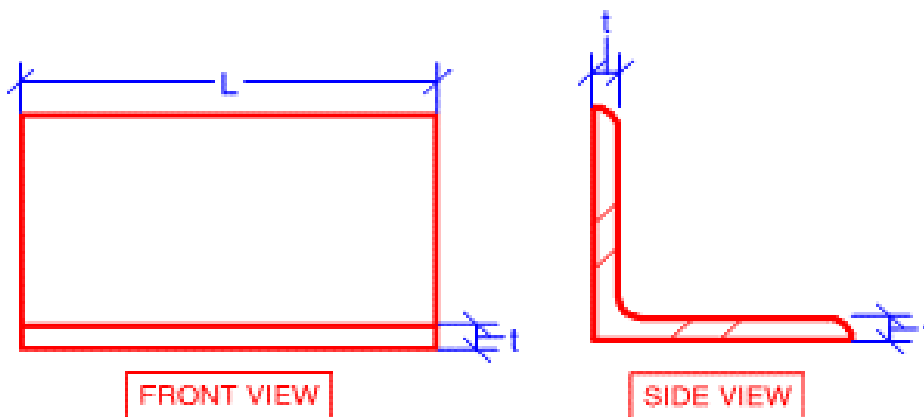
Shape	C Shape
Manual Inputs	
Units	

F_y (Yield Strength)	36	KSI
ϕ (Phi)	0.9	-
Z (Section Modulus)	8.958	in ³
M_n (Nominal Capacity)	24187.4	lb-ft

RISA Outputs		Units
M_u (Acting Moment)	408	lb-ft

Capacity (%)	
Plate Capacity	1.69%
Pass/Fail	Pass

RECTANGULAR BAR





Client:	Verizon Wireless	Date:	8/14/2023
Site Name:	Stamford CT		
Project No.	23777237		
Title:	Antenna Mount Analysis (14.5" Angle)	Page:	1

Version 1.3

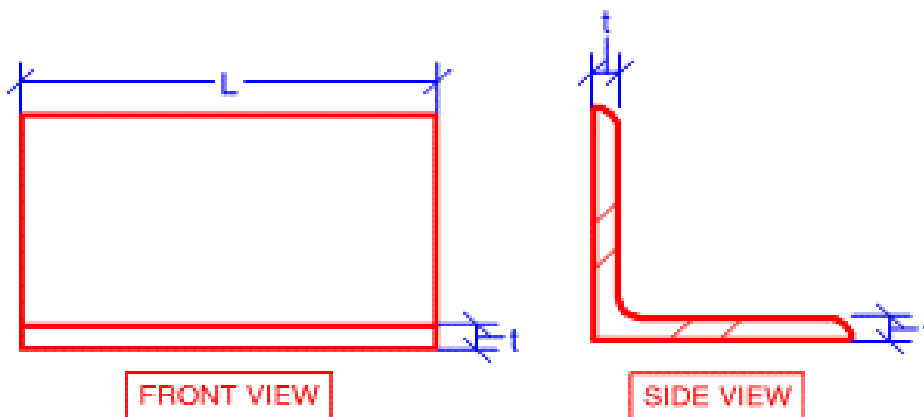
I. (LRFD) Angle Wall Mount Bracket Check

Shape	Rectangular Bar	
Manual Inputs		Units
L (Length)	14.5	in
t (Thickness)	0.25	in
F_y (Yield Strength)	36	KSI
ϕ (Phi)	0.9	-
Z (Section Modulus)	0.227	in ³
M_n (Nominal Capacity)	611.7	lb-ft

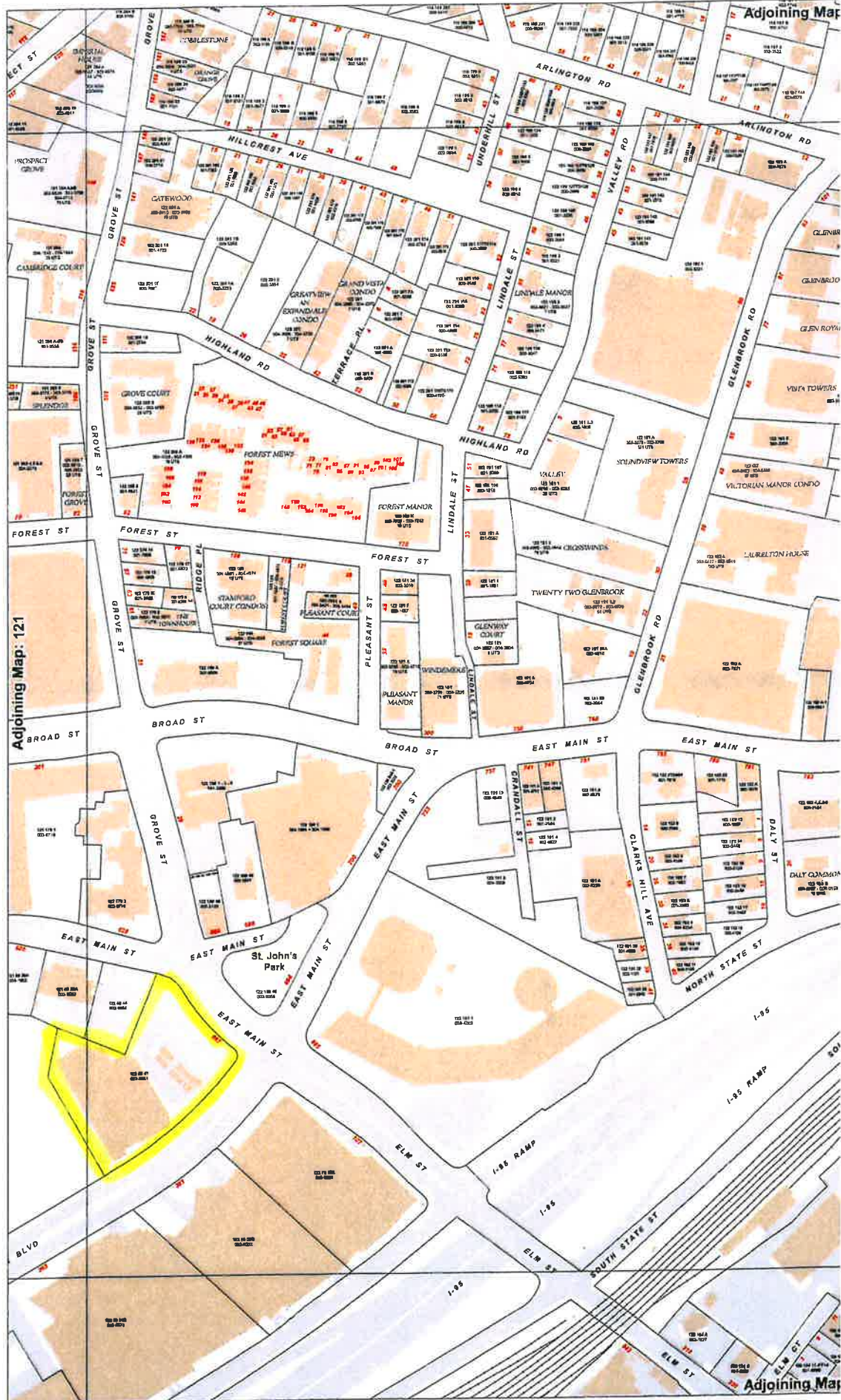
RISA Outputs		Units
M_u (Acting Moment)	477	lb-ft

Capacity (%)	
Plate Capacity	77.98%
Pass/Fail	Pass

RECTANGULAR BAR



ATTACHMENT 4



Map: 122

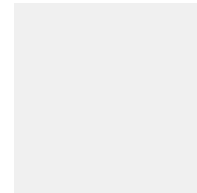
Disclaimer:
 This map is for informational purposes only. All information is subject to verification by user. This map is not intended to represent survey accuracy. The City of Stamford assumes no legal responsibility for the information contained herein.
 This map is not to be used for property boundary description, survey, or determination of legal title. Property descriptions must be obtained from source records. The City of Stamford has been provided with many sources including owner records, tax maps, surveys, and deeds. The use of maps is not a substitute for survey or deed information.
 For more information contact the City of Stamford's Assessor's Office.
 This map is furnished for 12" x 36" paper size only. Printing from maps on smaller paper will reduce the map scale (7 1/2" x 12 1/2" maximum).

1 inch = 100 feet



City of Stamford, C Assessment Parc

Parcel data current as of October
 Assessment Data displayed on this map as of Oc
 Building and Paved Roads based on aerial high
 Map Coordinates based on NAD 83 Connecticut



STAMFORD,CT

667 EAST MAIN STREET

Location

667 EAST MAIN STREET

Mblu

002/ 6361/ / /

Acct#

002-6361

Owner

BAYVIEW PRESERVATION PARTNERS

Assessment

\$14,162,330

Appraisal

\$20,231,900

PID

9373

Building Count

Current Value

Appraisal

Valuation Year	Improvements	Land	Total
2020	\$16,102,280	\$4,129,620	\$20,231,900

Assessment

Valuation Year	Improvements	Land	Total
2020	\$11,271,600	\$2,890,730	\$14,162,330

Owner of Record**Owner** BAYVIEW PRESERVATION PARTNERS**Co-Owner****Address** 300 TRESSER BLVD
STAMFORD, CT 06901**Sale Price** \$13,500,000**Book & Page** 10585/0001**Sale Date** 11/15/2012**Instrument** 00

Ownership History

Ownership History

Owner	Sale Price	Book & Page	Instrument	Sale Date
BAYVIEW PRESERVATION PARTNERS	\$13,500,000	10585/0001	00	11/15/2012
CORNERSTONE/BAYVIEW INC	\$12,380,000	4841/0122	00	09/30/1997
N H T ASSOCIATES	\$0	2196/0154	25	12/30/1982

Building Information

Building 1 : Section 1

Year Built: 1971**Living Area:** 162,500**Building Attributes**

ATTACHMENT 5



Name and Address of Sender Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103		TOTAL NO. of Pieces Listed by Sender 3	TOTAL NO. of Pieces Received at Post Office™ 3	Affix Stamp Here Postmark with Date of Receipt.	
Postmaster, per (name of receiving employee) 					US POSTAGE CORRECTION IMI \$003.34 [®] 01/31/2024 ZIP 06101 04SIM3206619
USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Caroline Simmons, Mayor City of Stamford 888 Washington Boulevard Danbury, CT 06901				
2.	Ralph Blessing, Land Use Bureau Chief City of Stamford 888 Washington Boulevard Danbury, CT 06901				
3.	Bayview Preservation Partners 300 Tresser Boulevard Stamford, CT 06901				
4.					
5.					
6.					

