Robinson+Cole

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Also admitted in Massachusetts
and New York

August 17, 2023

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**
398 Pomfret Street, Pomfret, 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 to a tower. Equipment associated with the facility is located on the ground adjacent to the tower. The tower was approved by the Town of Pomfret ("Town") in December of 1999. Cellco's shared-use of the tower was approved by the Siting Council ("Council") in July of 2000 (TS-BAM-112-000614). A copy of the Town's approval and Council's tower share approval are included in Attachment 1.

Cellco's proposed modification involves the installation of four (4) interference mitigation filters ("Filters") on its existing antenna platform and 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 Pomfret's Chief Elected Official and Land Use Officer.

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 existing tower. The Filters will be installed on Cellco's existing antenna platform and mounting assembly.

2. The proposed modifications will not involve any change to ground-mounted equipment and therefore, will not require the 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 Cellco's 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 Analysis Report ("SA") and Antenna Mount Analysis Report ("MA"), the existing tower, foundation, antenna platform and mounting assembly can support Cellco's proposed 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:
Maureen Nicholson, First Selectman
James Rabbitt, Town Planner
Pomfret School, Inc., Property Owner
Kamoya Bautista De Leon, Verizon Wireless

ATTACHMENT 1

TOWN OF POMFRET
BOARD OF SELECTMEN'S MINUTES
MEETING OF DECEMBER 6, 1999

Present: David Patenaude, First Selectman, Thomas Pahl and Charles Balch, Selectmen. Others Present: Robert Ikonen, Ford Fay, and Esther McNany and Maureen Chmielecki of SBA, Inc.

Dave Patenaude opened the meeting at 7:01 P.M. The minutes of the previous meeting of November 15, 1999 were duly approved.

Citizen Participation: Robert Ikonen informed the Selectmen of Pomfret's plans to participate in the "Israel Putnam March". The Democratic Town Committee has volunteered to help with food preparation. There will be one rest stop in Pomfret at the Old Town House. The "march" is scheduled for April 28-30, 2000. There may be a craft fair and Sally Rogers may sing or Donna Dufresne may perform her Dorcas Higginbotham impersonation. The Boy Scouts plan on having a honor guard, and hopefully, the local VFW may get involved. Discussion followed regarding road security.

Communications: None

Current Business

1. Road Issues:

A. Kearney Fork Speed Humps. Dave reported that he had talked to both the State Police and our insurance company about this issue. Both of which were not crazy about the idea. The police mentioned that they could post a cruiser there to help with the speed problems and was concerned about the signs. Dave has asked the State DOT to do a traffic survey. Chuck mentioned that a few citizens in the area have complained that some cars go through the Kearney Rd. and Kearney Fork intersection without stopping.

B. Wrights Crossing Road Bridge-Guardrails. Dave read a letter from WMC Engineering regarding the guardrails. The letter states that extending the rails would cause a hardship to the neighbor and on the other side of the road to the Wyndham Land Trust. Also that the inspection results state that the guardrails are to specification. Discussion followed and Tom Pahl said he would talk to Don Aubrey, Town Engineer.

2. Wolf Den Springs, LLC. Letters regarding the wetland disturbances have been received from the Army Corps of Engineers and from Don Aubrey, Town Engineer. Dave reported that he is writing to request a joint meeting with the Army Corps and the Board of Selectmen, Inland Wetlands Commission, James Rabbitt, Donald Aubrey, and the applicant, Stephen Perrone. Discussion followed. Tom had concerns regarding working out issues sited with Mr. Perrone. He felt the Selectmen should take the recommendations of Don Aubrey seriously and act on them in systemactic way.

3. SBA, Inc. Application for Wireless Telecommunications Structure-Tyrone Road.

Esther McNany of SBA, Inc. submitted the application packet. SBA, Inc. will be using the existing entrance of the Morissettes to get to the site. They have received a declaratory ruling from the Wetlands Commission that a wetlands permit is not required and have received site plan approval from the NEDDH. The tower will be on Pomfret

School property, should have minimal visual impact, and is to extend coverage along Route 44. The tower will be the same height as the existing SNET tower and. Ms. McNany stated that all requirements of the Town Ordinance have been complied with. Discussion followed on the expected cell tower users, whether the use of existing buildings and/or structures were considered. Tom asked what other areas are not covered and will there be other towers. Ms. McNany said there is a need along Route 97 and there may possibily be two more towers. The next tower may be on Easter Hill.

Dave asked about the bond requirement and how this was handled with a $10,000 in lieu of contribution with the last tower SBA did. Discussion followed on this issue and the 65 day timeline for approval. The application fee of $1,000 has been paid. The Selectmen requested the amount of $15,000 that could be paid in lieu of the security bond. SBA, Inc. is to return back to the next meeting with an answer to this request.

New Business

1. Billboards-Moratorium. Dave asked the Selectmen for support to declare a six month moratorium on billboards. He reported that we have (recently) received three applications for these in Town. and that he would like to bring an ordinance to Town Meeting regarding this. Discussion followed. Tom made motion for a moratorium to construct billboards for six months that began December 1, 1999. Dave seconded the motion. Motion was approved with two in favor and Chuck Balch abstaining due to a conflict of interest.

Other Business:

Tom reported that he attended the Tobacco Needs Assessment in NE CT meeting. He said there was a poor turn out and felt bad for Bob Brex, who sponsored this. Grant money is available to Towns for materials to educate kids on tobacco awareness.

Chuck reported that both a copy of the letter to John LaConche and a proposal letter was submitted at the NELTA board of trustee meeting. Mr. LaConche felt the proposal has a good chance and it will go officially before the board in January. Chuck also reported that the Recreation Committee recommends that the Board of Selectmen go ahead with the soccer field(s) at the Murdock property. Also an extension until mid year 2001 has been received on the DEP recreation grant. The Committee also wishes that the Selectmen take a positive step to use the Murdock property for the grant monies. Discussion followed. Discussion took place on other possible land for recreation. Chuck would like to make inquiries regarding the Modica land with the Recreation Committee.

Discussion took place regarding the Open Space Land Trust Ordinance. The ordinance has been give to the Selectmen for action to take to Town Meeting.

Approve Schedule of Meetings Year 2000. Motion was duly passed to approve the schedule of meetings for 2000 as presented.

Tax Refunds/Abatements: None

Gun Permits: None

Approval to Pay Bills: Manual checks #6076-6086 dated 11/17-11/30/99 for $48,510.37 and checks #6087-6089 dated 12/1/99 for $883.76; checks #17950-17952 dated 11/17 for $897.96; and bill checks dated 12/6/99 for $65,388.44. Motion was duly passed to approve the bills as presented.

Adjournment: Motion was duly approved and the meeting adjourned at 8:40 P.M.

Respectfully submitted, Cheryl A. Grist, Clerk

TOWN OF POMFRET
BOARD OF SELECTMEN'S MINUTES
MEETING OF DECEMBER 20, 1999

Present: David Patenaude, First Selectman, Charles Balch and Thomas Pahl, Selectmen. Others Present: Esther McNany of SBA, Inc. and Henry Woodbridge.

David Patenaude opened the meeting at 8:07 A.M. The minutes of the previous meeting of December 6, 1999 were duly approved with one correction under Other Business from "Also an extension from the year 2000" to "2001".

Citizen Participation: None

Communications: None

Current Business

1. **Road Issues**-None at this time.

2. **SBA, Inc. Application for Wireless Telecommunications Structure-Tyrone Road.** Esther McNany of SBA, Inc. presented the Board of Selectmen with a check in the amount the $15,000 as a donation for recreation land in lieu of the surety bond. The check was accepted by the Selectmen. Motion was made by Tom Pahl to approve the application, Chuck Balch seconded and discussion followed. Dave Patenaude mentioned that a pilot called to say the tower is in the direct line with the Woodstock Airport strip. Esther McNany said that since this is a small, private airport FAA did not require them to take this into consideration. Ms. McNany said the cell tower is below the height that would require lighting. The Selectmen felt all was in order. Motion was voted and approved unanimously.

3. **Recreation Site Committee-Report.** Chuck Balch reported that the Committee would like the Selectmen to take whatever steps necessary so they can begin to take steps to use the Murdock property for a soccer field and senior baseball field. Chuck made a motion to begin development at the Murdock property for recreation purposes. Tom seconded and discussion followed. Chuck said they would like first to make a practice field for soccer and a senior league baseball field. He was not sure on the specifics or exact plans of how and where. Dave reminded him that to do this would include the entrance off Route 101 issue and the fact that we are still taking gravel from this area. Tom felt the Selectmen need a proposal of exactly what the Committee plans on doing and who will handle what needs to be done. Discussion also followed on: 1) the recreation grant and the money to match this; 2) the issue of investing the money for a short term answer to immediate needs; 3) what about the gravel issue; 4) and who will be overseeing the construction etc. Tom Pahl felt the Selectmen would need to check with the State DOT regarding the entrance off Route 101.

There was much discussion on what authority the Recreation Site Committee has or doesn't have and would a new committee need to be appointed or should the Selectmen handle this. Discussion followed on whether the Selectmen should act on the Committee's recommendation and/or find another piece of property better suited. Chuck said the Committee felt, in order to meet the present needs and to use the recreation grant and not lose it, this was the best answer a this time. Chuck amended the motion that the Board of Selectmen accept the recommendation of the Site Committee that we develop recreation in two locations and that one location be the Murdock property. Tom seconded the motion and more discussion followed. Tom felt that they should still keep exploring other pieces of land. He said he would be willing to help on the Committee. He said he would be

TOWN ON POMFRET
APPLICATION FOR WIRELESS TELECOMMUNICATION STRUCTURES

Permit Number:
Date Submitted: 10/29/99 /ccg
Received by:
(Section 2.3.1) Fee: $1000.00 Pd 10/29/99 CK#65363

(Procedures for this application are explained in the Wireless Telecommunication ordinance)

APPLICANT TO FILL OUT THIS SECTION - Please print

Applicant's Name SBA, Inc. **Phone** (860) 439-0152
Address 125 Shaw St, New London CT 06320 **Fax #** (860) 439-0159

Co-Applicant's Name _____ **Phone** _____
Address _____ **Fax #** _____

If there is an agent for the applicant, please fill in name below:
Name Esther McNany **Phone** (860) 439-0152
Address SAME AS APPLICANT **Fax #** (860) 439-0159

LOCATION OF TOWER
Owner of the land Pomfret School Inc. Phone (860) 963-5208
Address 398 Pomfret St, Pomfret, CT 06258
Street Name Pomfret St. Map 19 Block C Lot 001 (Get from Assessor's office)
Nearest roads/intersections: Tyrone Rd.

PROPOSED ACTIVITY: (check those that apply)
☐ Commercial ☐ Industrial ☑ Other-specify Wireless Telecommunication Facility
☐ New Construction ☐ Addition ☐ Alteration

Please provide the following information with this application:

a. Site Plan Ingredients (section 3.2) Five (5) copies of site plan - 24" x 36" at a scale of 1" = 40' prepared by a professional land surveyor licensed in the State of Connecticut.
b. Name of Connecticut Registration Number of Land Surveyor and Professional Engineer. All final plans must have original signatures on maps.
c. Soil Erosion and Sediment Control Plan (section 3.3) a map of 1" = 50'
d. Name of Soil Scientist David H. Lord
e. Architectural Plans (see section 4.1.2)
f. Fees: $1,000.00. Please note: If the cost to process and review the application exceeds the initial fee of $1000.00, the applicant shall pay all associated costs incurred by the Commision and/or the Town prior to the issuance of a permit. (Section 2.3).

The undersigned hereby acknowledges that this application, to the best of his/her knowledge, conforms to the Wireless Telecommunications Regulations Ordinance of the Town of Pomfret and that approval of the plan is contingent upon compliance with all requirements of said ordinance. The undersigned hereby authorizes the Pomfret Board of Selectmen, or its agent, to enter upon the property for the purpose of inspection and enforcement of said regulations.The undersigned warrants and guarantees that all of the improvements as shown on the final approved site plan map will be installed in a good and workmanlike manner, and individually and severally guarantee to provide all necessary funds with respect thereto.

Signed E McNany (Applicant) Dated 10/20/99

Signed Pomfret School, Inc. Bus Mgr (Property Owner) Dated 10-28-99

Note: Before site plan approval is granted, the applicant shall file a surety with the Board of Selectmen payable to the Treasurer of the Town of Pomfret and in a form satisfactory to the Town Counsel and in an amount approved by the Board of Selectmen as sufficient to guarantee completion of those items specified by the Board of Selectmen and in conformity with the provisions of these Regulations or any amendments thereto in force at the time of filing. Such surety shall be held by the Town Clerk who shall not be authorized by the Board of Selectmen to release such bond until written certification has been received from the Building Official that all of the requirements of these Regulations have been fully satisfied.

A public hearing ☐ was or ☒ was not held on this application. (Section 3.1.1)
Applicant has compiled with all requirements of the Ordinance ☐ yes. ☒ no. In no, explain, In Lieu of a Surety Bond the Town Accepted a Payment of $15,000.

Signed _____ Date 1-10-99
First Selectmen or Commission Chairman

wireapp.wpd

July 13, 2000

Sandy M. Carter
Manager-Regulatory
Verizon Wireless
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492-2430

RE: TS-BAM-112-000614 - Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications tower located at 398 Pomfret Street, Pomfret, Connecticut.

Dear Ms. Carter

At a public meeting held July 11, 2000, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

The proposed shared use is to be implemented as specified in your letter dated June 12, 2000.

Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/grg

c: Honorable David I. Patenaude, First Selectman, Town of Pomfret
Brian Cosentino, Sprint Spectrum L.P.

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The BSF0020 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the BSF0020 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the BSF0020 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

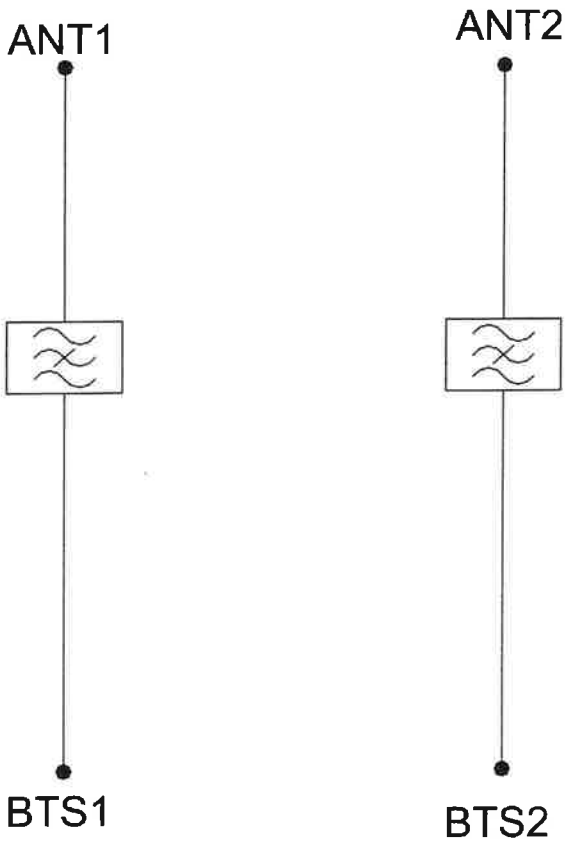
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

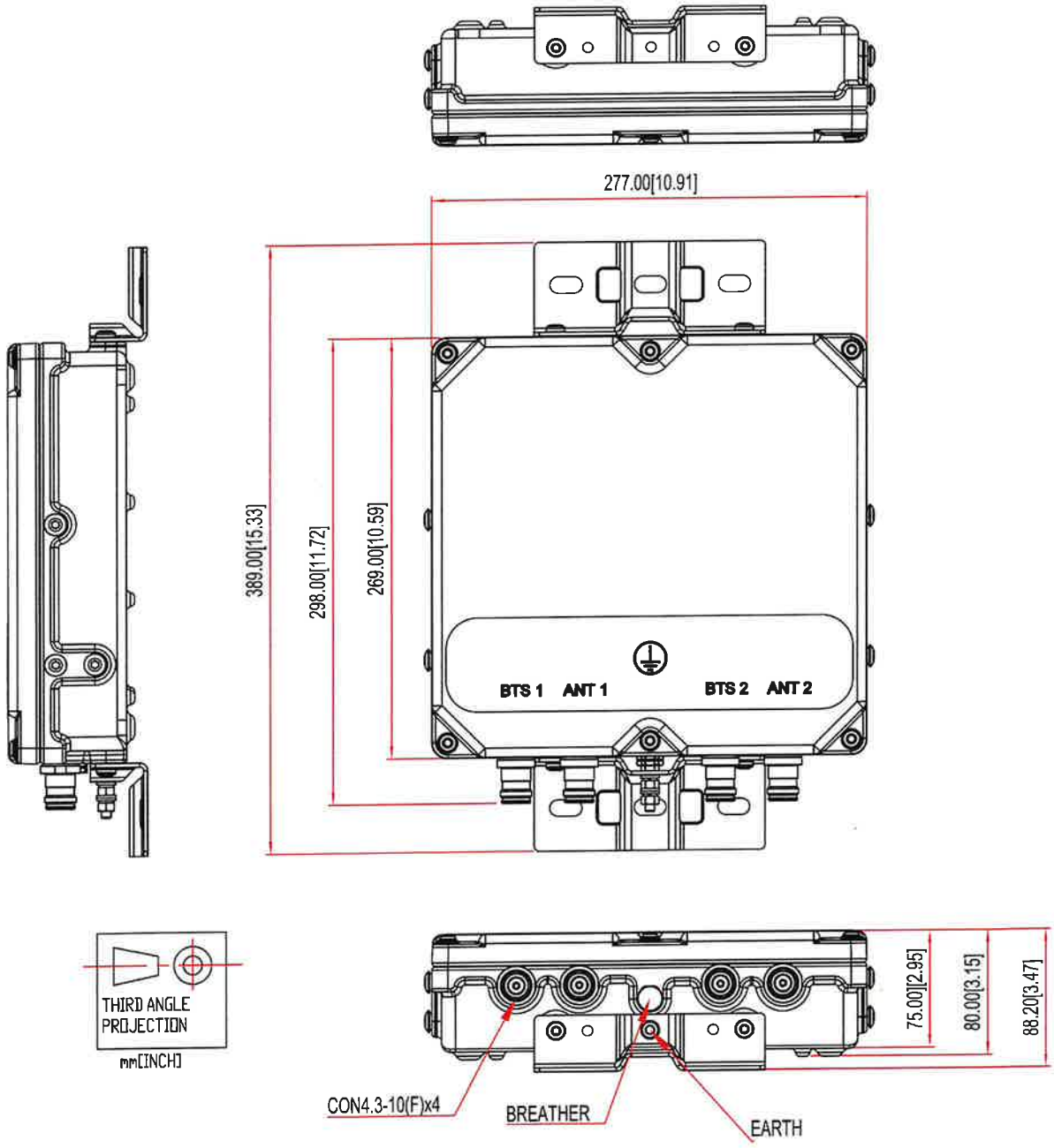
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 766 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ATTACHMENT 3

SBA Communications Corporation
8051 Congress Avenue
Boca Raton, FL 33487-1307

T + 561 995 7670
F + 561 995 7626

sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000247121 / Pomfret East CT
Application #: 232405, v3

SBA Site ID / Name: CT02217-S / Pomfret School

168 ft Monopole

398 Pomfret Street
Pomfret, Connecticut 06258
Lat: 41.890094, Long: -71.955008

Project number: CT02217-VZW-072023

Analysis Results

Tower	75.1%	Pass
Foundation	65.0%	Pass

Change in tower stress due to mount modification / replacement	N/A

Prepared by:

Liliana Noda Vazquez
Structural Engineer I
561-981-9964
LVazquez@sbasite.com

Reviewed by:

Anantha (Shan) Shanubhogue, P.E.
Senior Manager, Structural Engineering
561-984-7390
SShanubhogue@sbasite.com

July 24, 2023

STATE OF CONNECTICUT
ANANTHA B SHANUBHOGUE
33123
LICENSED
PROFESSIONAL ENGINEER

07/24/23

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 168 ft Monopole to support the proposed antennas and transmissions lines in addition to those currently installed.

Table 1 List of Documents Used

Item	Document
Tower design/drawings	Summit, LLC & Paul J. Ford and Company. Job No 29299-802. Design No 5762. dated 11-23-1999.
Foundation drawings	FDH Engineering, Inc. Dated 08-21-2012. Project No 1201570EN1.
Geotechnical report	FDH Engineering, Inc. Dated 09-12-2012. Project No 1201570EG1.
Modification drawings	N/A
Mount Analysis	Colliers Engineering & Design CT. P.C. Project #: 23777042, dated 07-10-2023
Latest SA	TES Project Number: 128876, dated 05/09/2022.

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/Windham/Pomfret
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 CSBC
Ultimate Wind Speed (3-Sec gust)	120.0 mph
Wind Speed with Ice (3-Sec gust)	50 mph
Service Wind Speed (3-Sec gust)	60 mph
Ice Thickness	1.00”
Risk Category	II
Exposure Category	C
Topographic Category	1
Crest Height	0 ft
Ground Elevation	680.28 ft.
Seismic Parameter S_s	0.182
Seismic Parameter S_1	0.055

This structural analysis is based upon the tower being classified as a risk category II; however, if a different classification is required subsequent to the date hereof, the tower classification will be changed to meet such requirement and a new structural analysis will be run.

Appurtenance Loading

Existing Loading:

Table 3 Existing Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	167.0	3	RFS APXVTM14-C-I20 - Panel	Low Profile Platform w/ Reinforcement Kit (Site Pro PRK-1245L), V-Brace Kit (Site Pro PRK-SFS-H-L), (3) Pipe2.0STD x 15' Horizontal Rail, (3) Pipe2.0STD x 4' Long Corner Braces, & (6) Pipe2.0STD Mount Pipes	(4) 1-1/4" Fiber	T-Mobile Sprint
2		3	Commscope NNVV-65B-R4 - Panel			
3		3	ALU 1900 Mhz RRU			
4		6	ALU 800 Mhz RRU			
5		3	ALU TD-RRH8x20-25 RRU			
6	157.0	3	Commscope LNX6514DS-AIM - Panel	Platform w/ handrails + Collar + Kicker + Dual-Mount Antena Bracket (JMA 91900314-02) + Modifications.	(6) 1 5/8" Coax (2) 1 5/8" Hybrid	Verizon
7		6	JMA Wireless MX06FRO660-03 - Panel			
8		3	Samsung MT6407-77A - Panel			
9		3	Samsung B2/B66A RRU			
10		3	Samsung B5/B13 RRU			
11		1	Raycap RVZDC-6627-PF-48 DC Surge			
12	147.0	3	Ericsson - AIR6449 B41 - Panel	Low Profile Platform w/ Reinforcement Kit (Site Pro PRK-1245)	(7) 1 5/8" Coax (3) 1 5/8" Fiber (1) 1.9" Fiber	T-Mobile
13		3	RFS APXVAARR24_43-U-NA20 - Panel			
14		3	Commscope - VV-65A-R1 - Panel			
15		3	Ericsson KRY 112 489/2 TMA			
16		1	Allen Telecom FE15501P77/75 TMA			
17		3	Ericsson 4449 B71+B85 RRU			
18		3	Ericsson 4460 B25+B66 RRU			
19		3	Kathrein 782 11056 Bias Ts			
20	135.0	3	Commscope FFVV-65B-R2 - Panel	Platform w/HRK (Commscope MC-PK8-C)	(1) 1.6" Hybrid	Dish Wireless
21		3	Fujitsu TA08025-B605 RRU			
22		3	Fujitsu TA08025-B604 RRU			
23		1	Raycap RDIDC-9181-PF-48			

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 232405, v3 from Verizon and is listed in Table 4.

Table 4 Proposed Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	157.0	4	Kaelus BSF0020F3V1-1 (Filter)	Platform w/ handrails + Collar + Kicker + Dual-Mount Antena Bracket (JMA 91900314-02) + Modifications.	(6) 1 5/8" Coax (2) 1 5/8" Hybrid	Verizon
2		3	Commscope LNX6514DS-AIM - Panel			
3		6	JMA Wireless MX06FRO660-03 - Panel			
4		3	Samsung MT6407-77A - Panel			
5		3	Samsung B2/B66A RRU			
6		3	Samsung B5/B13 RRU			
7		1	Raycap RVZDC-6627-PF-48 DC Surge			

Analysis Results

Tower

The results of the structural analysis are shown below in table 5. Additional information for the tower analysis is provided within the Appendix.

Table 5 Tower Analysis Summary

	Pole shafts	Anchor Bolts	Base Plate
Max. Usage:	75.1%	69.1%	64.9%
Pass/Fail	Pass	Pass	Pass

Foundation

The results of the foundation analysis are shown below in table 6. Additional information for the foundation analysis is provided within the Appendix.

Table 6 Foundation Analysis Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	65.0%	Pass

Conclusions

Based on the analysis results, the existing tower and foundation were found to be ***sufficient*** to safely support the equipment listed in this analysis. No modification to the tower and foundation is needed at this time.

Installation Requirements

This analysis was performed under the assumption that the carrier will place the proposed equipment and feed lines at the installation height listed in Table 4 and in accordance with the coax layout shown. TMAs and RRUs are to be installed on existing mounts behind tenant's antennas unless otherwise noted. No equipment is to be installed directly in the climbing path. All equipment is to be installed per mount manufacturer specifications. In case site conditions do not allow for the required installation parameters to be met the carrier must notify SBA Communications Corporation engineers for approval of an alternative placement.

Assumptions and Limitations

Assumptions

This analysis was completed based on the following assumptions:

- Tower and foundation were built in accordance to manufacturer specifications.
- Tower and foundation has been properly maintained in accordance with the manufacturer's specifications
- All existing structural members were assumed to be in good condition with no physical damage or deterioration associated with corrosion
- Welds and bolts are assumed able to carry their intended original design loads.
- The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Table 3 and 4.
- This analysis may be affected if any assumptions are not valid or have been made in error. SBA should be notified to determine the effect on the structural integrity of the tower.

Limitations

The computer generated analysis performed by the tower software is limited to theoretical capacities of the towers structural members and does not account for any missing or damaged members or connections. The tower and foundation are assumed to have been properly designed, fabricated, installed and maintained, barring any conflicting findings from the most recent inspection.

SBA Communications Corporation has used its due diligence to verify the information provided to perform this analysis. It is unreasonable to perform a more detailed inspection of a tower and its components. This report is not a condition assessment of the tower or foundation.

Appendix

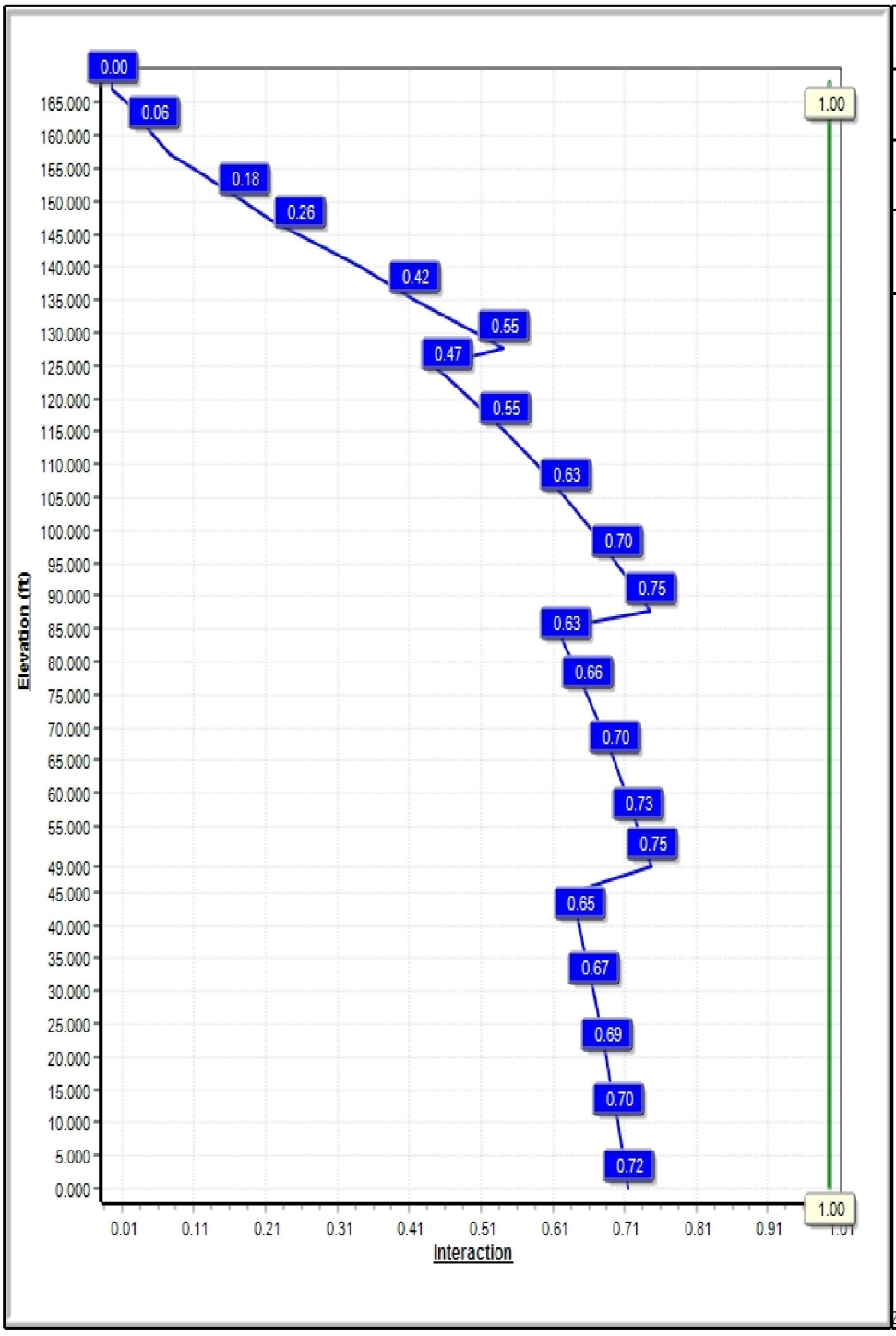
Usage Diagram - Max Ratio 75.14% at 49.0ft

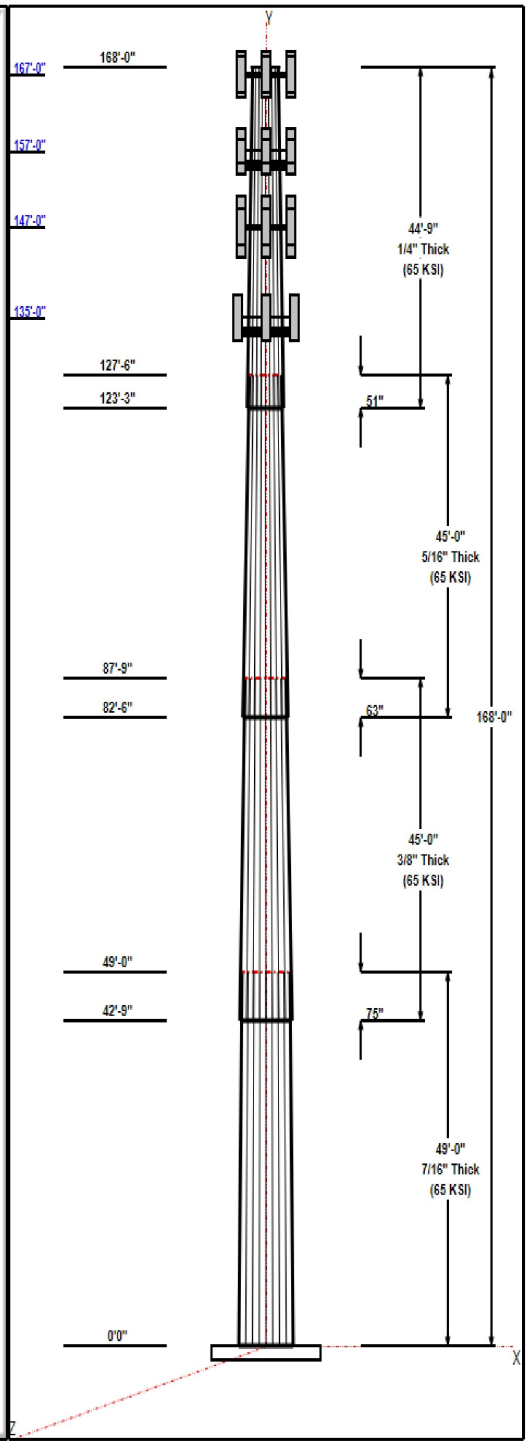
Structure:	CT02217-S	**Code:**	EIA/TIA-222-H	7/24/2023
Site Name:	Pomfret School	**Exposure:**	C	
Height:	168.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

Dead Load Factor:	1.20
Wind Load Factor:	1.00

Load Case : 1.2D + 1.0W 120 mph Wind

Iterations: 25





Structure: CT02217-S

Type: Tapered
Site Name: Pomfret School
Height: 168.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.22003

7/24/2023

Shaft Properties

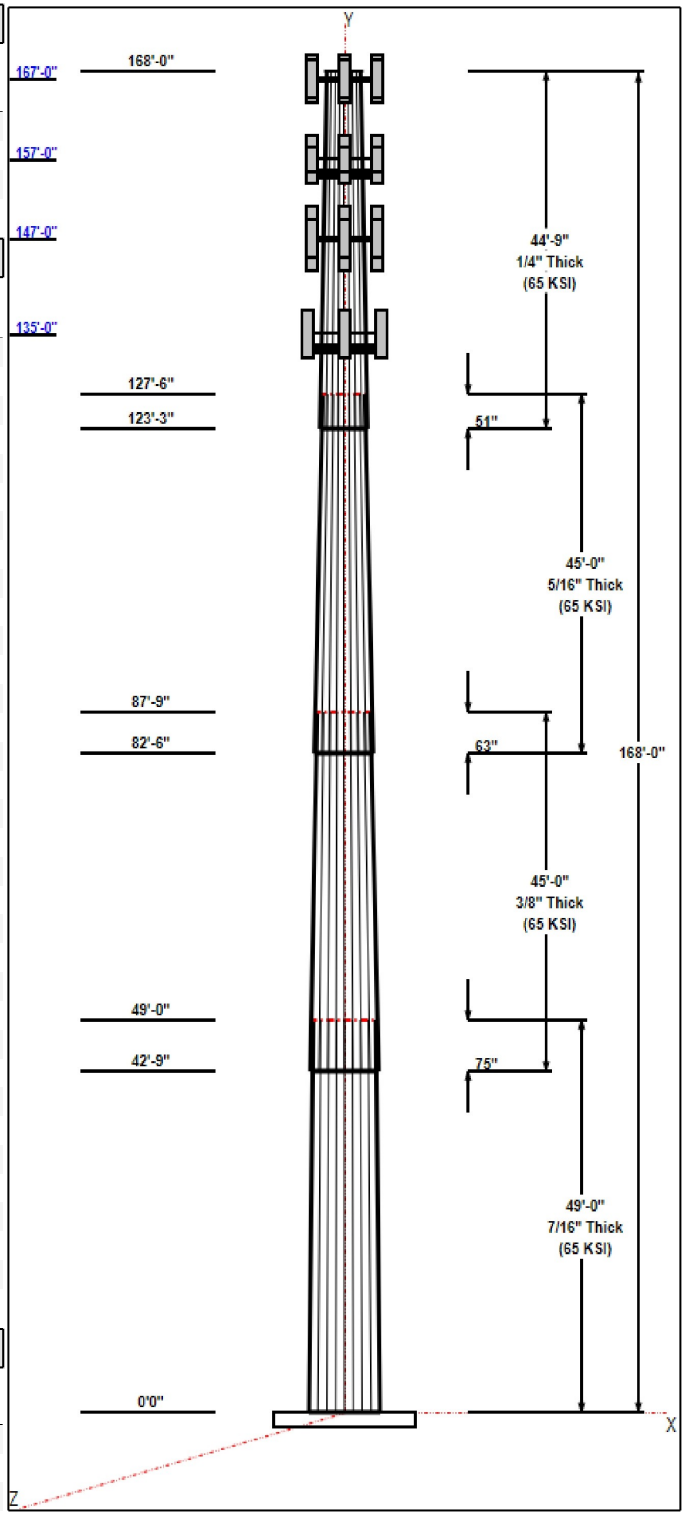
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	49.00	48.31	59.09	0.438		0.22003	65
2	45.00	40.53	50.43	0.375	Slip	0.22003	65
3	45.00	32.41	42.31	0.313	Slip	0.22003	65
4	44.75	24.00	33.85	0.250	Slip	0.22003	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
168.00	170.50	1	Lightning Rod	---
167.00	167.00	1	V-Brace Kit (Site Pro	Sprint Nextel
167.00	167.00	1	Pipe2.0STD x 15'	Sprint Nextel
167.00	167.00	6	Pipe2.0STD Mount Pipes	Sprint Nextel
167.00	167.00	3	RFS APXVTM14-C-I20	Sprint Nextel
167.00	167.00	3	Commscope	Sprint Nextel
167.00	167.00	3	ALU 1900 Mhz RRU's	Sprint Nextel
167.00	167.00	6	ALU 800 Mhz RRU's	Sprint Nextel
167.00	167.00	3	ALU TD-RRH8x20-25	Sprint Nextel
167.00	167.00	1	Reinforcement Kit (Site	Sprint Nextel
167.00	167.00	1	Low Profile Platform	Sprint Nextel
157.00	157.00	4	Kaelus	Verizon
157.00	157.00	1	Platform w/ Hand Rails	Verizon
157.00	157.00	3	Commscope	Verizon
157.00	157.00	6	JMA Wireless	Verizon
157.00	157.00	3	Samsung MT6407-77A	Verizon
157.00	157.00	3	Samsung B2/B66A RRU's	Verizon
157.00	157.00	3	Samsung B5/B13 RRU's	Verizon
157.00	157.00	1	Raycap	Verizon
147.00	147.00	3	AIR6449 B41	T-Mobile
147.00	147.00	3	VV-65A-R1	T-Mobile
147.00	147.00	3	4449 B71 + B85	T-Mobile
147.00	147.00	3	4460 B25 + B66	T-Mobile
147.00	147.00	3	RFS	T-Mobile
147.00	147.00	3	Ericsson KRY 112 489/2	T-Mobile
147.00	147.00	3	Allen Telecom	T-Mobile
147.00	147.00	3	Kathrein 782 11056 Bias	T-Mobile
147.00	147.00	1	Low Profile Platform	T-Mobile
147.00	147.00	1	Reinforcement Kit (Site	T-Mobile
135.00	135.00	3	FFVV-65B-R2	Dish Wireless
135.00	135.00	3	Fujitsu TA08025-B605	Dish Wireless
135.00	135.00	3	Fujitsu TA08025-B604	Dish Wireless
135.00	135.00	1	Raycap	Dish Wireless
135.00	135.00	1	Platform w/HRK	Dish Wireless

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
3.00	168.00	Outside	Safety Cable	
3.00	168.00	Outside	Step bolts (ladder)	
3.00	167.00	Inside	1-1/4" Fiber	Sprint Nextel
3.00	157.00	Inside	1 5/8" Coax	Verizon
3.00	157.00	Inside	1 5/8" Hybrid	Verizon
3.00	147.00	Inside	1 5/8" Coax	T-Mobile
3.00	147.00	Inside	1 5/8" Fiber	T-Mobile
3.00	147.00	Inside	1.9" Fiber	T-Mobile



3.00	135.00	Inside	1.6" Hybrid	Dish Wireless

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
20	2.25" 18J	75.0	Cluster

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
3.0000	65.0	50.0	Clipped

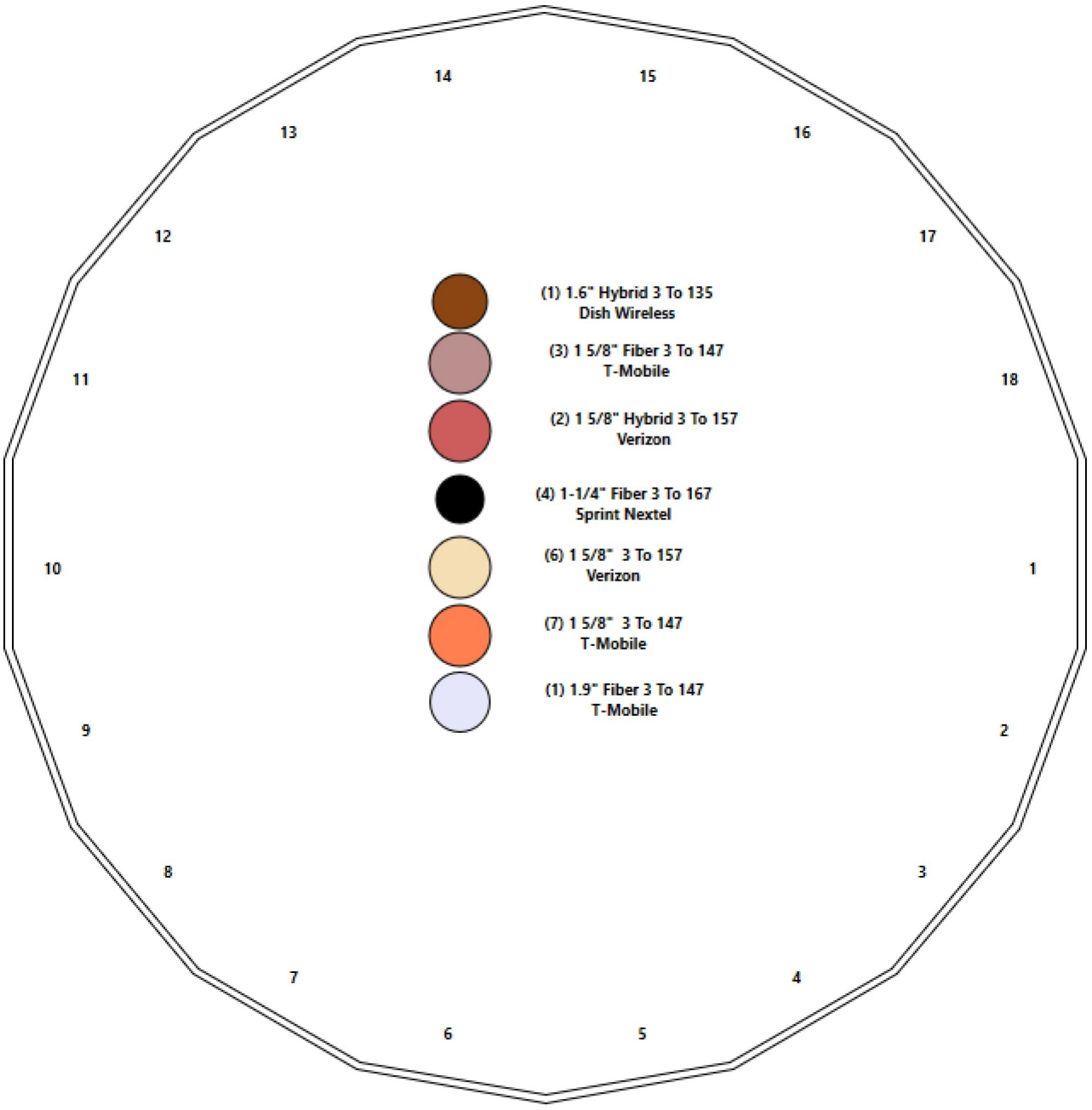
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 120 mph Wind	4706.7	38.0	55.5
0.9D + 1.0W 120 mph Wind	4645.1	38.0	41.6
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1230.6	10.1	74.0
1.2D + 1.0Ev + 1.0Eh	122.8	0.8	57.4
0.9D + 1.0Ev + 1.0Eh	121.4	0.8	43.5
1.0D + 1.0W 60 mph Wind	1045.5	8.5	46.3

Structure: CT02217-S - Coax Line Placement

Type: Monopole
Site Name: Pomfret School
Height: 168.00 (ft)

7/24/2023



Shaft Properties

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 5

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	49.000	0.4375	65		0.00	12,331
2	18	45.000	0.3750	65	Slip	75.00	8,221
3	18	45.000	0.3125	65	Slip	63.00	5,627
4	18	44.750	0.2500	65	Slip	51.00	3,464
					Total Shaft Weight:		**29,644**

	Bottom						Top						
Sec. No.	**Dia (in)**	**Elev (ft)**	**Area (sqin)**	**Ix (in^4)**	**W/t Ratio**	**D/t Ratio**	**Dia (in)**	**Elev (ft)**	**Area (sqin)**	**Ix (in^4)**	**W/t Ratio**	**D/t Ratio**	**Taper**
1	59.09	0.00	81.44	35398.27	22.40	135.06	48.31	49.00	66.47	19246.0	18.06	110.4	0.220030
2	50.43	42.75	59.58	18863.19	22.30	134.49	40.53	87.75	47.80	9738.05	17.65	108.0	0.220030
3	42.31	82.50	41.66	9284.18	22.46	135.40	32.41	127.50	31.84	4144.35	16.88	103.7	0.220030
4	33.85	123.2	26.66	3801.54	22.46	135.39	24.00	168.00	18.84	1343.00	15.52	96.00	0.220030

Load Summary

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Discrete Appurtenances

				No Ice			Ice				
No.	Elev (ft)	Description	Qty	Weight (lb)	CaAa (sf)	CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	168.00	Lightning Rod	1	35.00	1.05	1.00	56.18	2.650	1.00	0.00	2.50
2	167.00	V-Brace Kit (Site Pro PRK-SFS-H-L)	1	230.00	6.70	1.00	446.39	11.428	1.00	0.00	0.00
3	167.00	Pipe2.0STD x 15' Horizontal Rail	1	261.72	6.75	1.00	471.02	11.195	1.00	0.00	0.00
4	167.00	Pipe2.0STD Mount Pipes	6	40.00	1.43	0.80	94.10	3.617	0.80	0.00	0.00
5	167.00	RFS APXVTM14-C-I20	3	56.00	6.34	0.78	157.06	7.074	0.78	0.00	0.00
6	167.00	Commscope NNVV-65B-R4	3	84.70	12.27	0.73	295.28	13.251	0.73	0.00	0.00
7	167.00	ALU 1900 Mhz RRU's	3	60.00	2.38	0.67	116.22	3.114	0.67	0.00	0.00
8	167.00	ALU 800 Mhz RRU's	6	53.00	2.13	0.67	102.84	2.789	0.67	0.00	0.00
9	167.00	ALU TD-RRH8x20-25 RRU's	3	70.00	4.05	0.67	139.47	4.583	0.67	0.00	0.00
10	167.00	Reinforcement Kit (Site Pro	1	464.91	9.50	1.00	683.61	16.203	1.00	0.00	0.00
11	167.00	Low Profile Platform	1	1500.00	22.00	1.00	2382.03	33.901	1.00	0.00	0.00
12	157.00	Kaelus BSF0020F3V1-1(Filter)	4	17.60	0.96	0.82	33.18	1.226	0.84	0.00	0.00
13	157.00	Platform w/ Hand Rails	1	2323.00	47.40	1.00	3952.07	69.560	1.00	0.00	0.00
14	157.00	Commscope LNX6514DS-AIM	3	38.80	8.17	0.83	167.34	9.014	0.84	0.00	0.00
15	157.00	JMA Wireless MX06FRO660-03	6	60.00	9.87	0.87	227.47	10.765	0.87	0.00	0.00
16	157.00	Samsung MT6407-77A	3	87.10	4.70	0.70	162.23	5.304	0.71	0.00	0.00
17	157.00	Samsung B2/B66A RRU's	3	84.40	1.88	0.83	118.37	2.245	0.85	0.00	0.00
18	157.00	Samsung B5/B13 RRU's	3	70.30	1.88	0.77	102.51	2.245	0.79	0.00	0.00
19	157.00	Raycap RVZDC-6627-PF-48 DC	1	32.00	4.06	0.67	108.30	4.611	0.67	0.00	0.00
20	147.00	AIR6449 B41	3	103.00	5.65	0.71	194.23	6.282	0.71	0.00	0.00
21	147.00	VV-65A-R1	3	23.81	7.90	0.74	109.66	6.632	0.74	0.00	0.00
22	147.00	4449 B71 + B85	3	75.00	1.97	0.67	114.36	2.349	0.67	0.00	0.00
23	147.00	4460 B25 + B66	3	104.00	2.85	0.67	149.65	3.299	0.67	0.00	0.00
24	147.00	RFS APXVAARR24_43-U-NA20	3	128.00	20.24	0.72	402.60	21.488	0.72	0.00	0.00
25	147.00	Ericsson KRY 112 489/2 TMA's	3	15.40	0.56	0.60	29.60	0.778	0.60	0.00	0.00
26	147.00	Allen Telecom FE15501P77/75	3	17.50	0.54	0.60	33.74	0.759	0.60	0.00	0.00
27	147.00	Kathrein 782 11056 Bias Ts	3	1.80	0.15	0.60	6.54	0.271	0.60	0.00	0.00
28	147.00	Low Profile Platform	1	1500.00	22.00	1.00	2370.85	33.751	1.00	0.00	0.00
29	147.00	Reinforcement Kit (Site Pro	1	464.91	9.50	1.00	680.84	16.118	1.00	0.00	0.00
30	135.00	FFVV-65B-R2	3	70.80	12.27	0.74	258.93	13.231	0.74	0.00	0.00
31	135.00	Fujitsu TA08025-B605 RRU's	3	74.95	1.96	0.67	109.43	2.330	0.67	0.00	0.00
32	135.00	Fujitsu TA08025-B604 RRU's	3	63.93	1.96	0.67	97.35	2.330	0.67	0.00	0.00
33	135.00	Raycap RDIDC-9181-PF-48 OVP	1	21.85	2.01	0.67	56.90	2.385	0.67	0.00	0.00
34	135.00	Platform w/HRK (Commscope	1	1411.00	33.60	1.00	2710.57	56.810	1.00	0.00	0.00
		Totals:	**90**	**12,921.26**			**24,891.56**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
3.00	168.00	(1) Safety Cable	0.38	Outside
3.00	168.00	(1) Step bolts (ladder)	0.63	Outside
3.00	167.00	(4) 1-1/4" Fiber	0.00	Inside
3.00	157.00	(6) 1 5/8" Coax	0.00	Inside
3.00	157.00	(2) 1 5/8" Hybrid	0.00	Inside
3.00	147.00	(7) 1 5/8" Coax	0.00	Inside
3.00	147.00	(3) 1 5/8" Fiber	0.00	Inside

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
3.00	147.00	(1) 1.9" Fiber			0.00	Inside					
3.00	135.00	(1) 1.6" Hybrid			0.00	Inside					

Shaft Section Properties

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

Increment Length: **5 (ft)**

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.4375	59.090	81.443	35398.3	22.40	135.06	75.0	1179.	0.0
5.00		0.4375	57.990	79.916	33443.5	21.96	132.55	75.6	1135.	1372.7
10.00		0.4375	56.890	78.388	31562.0	21.52	130.03	76.1	1092.	1346.7
15.00		0.4375	55.790	76.860	29752.5	21.07	127.52	76.6	1050.	1320.7
20.00		0.4375	54.689	75.333	28013.5	20.63	125.00	77.1	1008.	1294.7
25.00		0.4375	53.589	73.805	26343.6	20.19	122.49	77.7	968.2	1268.7
30.00		0.4375	52.489	72.278	24741.4	19.74	119.98	78.2	928.4	1242.7
35.00		0.4375	51.389	70.750	23205.6	19.30	117.46	78.7	889.4	1216.7
40.00		0.4375	50.289	69.222	21734.6	18.86	114.95	79.2	851.3	1190.7
42.75	Bot - Section 2	0.4375	49.684	68.382	20952.8	18.61	113.56	79.5	830.6	643.8
45.00		0.4375	49.189	67.695	20327.2	18.41	112.43	79.7	813.9	974.8
49.00	Top - Section 1	0.3750	49.059	57.943	17350.9	21.66	130.82	0.0	0.0	1708.9
50.00		0.3750	48.839	57.682	17116.7	21.55	130.24	76.0	690.3	196.7
55.00		0.3750	47.738	56.372	15977.3	21.04	127.30	76.7	659.2	970.2
60.00		0.3750	46.638	55.063	14889.6	20.52	124.37	77.3	628.8	948.0
65.00		0.3750	45.538	53.753	13852.4	20.00	121.43	77.9	599.1	925.7
70.00		0.3750	44.438	52.444	12864.6	19.48	118.50	78.5	570.2	903.4
75.00		0.3750	43.338	51.135	11924.8	18.97	115.57	79.1	542.0	881.1
80.00		0.3750	42.238	49.825	11032.0	18.45	112.63	79.7	514.4	858.9
82.50	Bot - Section 3	0.3750	41.688	49.170	10602.8	18.19	111.17	80.0	501.0	421.1
85.00		0.3750	41.137	48.516	10184.9	17.93	109.70	80.3	487.6	767.6
87.75	Top - Section 2	0.3125	41.157	40.512	8539.0	21.81	131.70	0.0	0.0	832.5
90.00		0.3125	40.662	40.021	8232.3	21.53	130.12	76.1	398.8	308.3
95.00		0.3125	39.562	38.929	7577.1	20.91	126.60	76.8	377.2	671.6
100.00		0.3125	38.462	37.838	6957.6	20.29	123.08	77.5	356.3	653.1
105.00		0.3125	37.362	36.747	6372.9	19.67	119.56	78.3	336.0	634.5
110.00		0.3125	36.262	35.656	5821.9	19.05	116.04	79.0	316.2	615.9
115.00		0.3125	35.162	34.565	5303.6	18.43	112.52	79.7	297.1	597.4
120.00		0.3125	34.061	33.474	4817.0	17.81	109.00	80.5	278.5	578.8
123.25	Bot - Section 4	0.3125	33.346	32.764	4517.2	17.40	106.71	80.9	266.8	366.3
125.00		0.3125	32.961	32.382	4361.1	17.19	105.48	81.2	260.6	351.8
127.50	Top - Section 3	0.2500	32.911	25.916	3492.9	21.80	131.64	0.0	0.0	495.5
130.00		0.2500	32.361	25.479	3319.3	21.41	129.44	76.2	202.0	218.6
135.00		0.2500	31.261	24.606	2989.7	20.64	125.04	77.1	188.4	426.1
140.00		0.2500	30.161	23.733	2682.7	19.86	120.64	78.0	175.2	411.2
145.00		0.2500	29.061	22.860	2397.4	19.09	116.24	79.0	162.5	396.4
147.00		0.2500	28.621	22.511	2289.2	18.78	114.48	79.3	157.5	154.4
150.00		0.2500	27.961	21.988	2133.1	18.31	111.84	79.9	150.3	227.1
155.00		0.2500	26.860	21.115	1889.0	17.53	107.44	80.8	138.5	366.7
157.00		0.2500	26.420	20.765	1796.9	17.22	105.68	81.1	134.0	142.5
160.00		0.2500	25.760	20.242	1664.3	16.76	103.04	81.7	127.3	209.3
165.00		0.2500	24.660	19.369	1458.1	15.98	98.64	82.5	116.5	337.0
167.00		0.2500	24.220	19.020	1380.7	15.67	96.88	82.5	112.3	130.6
168.00		0.2500	24.000	18.845	1343.0	15.52	96.00	82.5	110.2	64.4
										29643.8

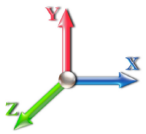
Wind Loading - Shaft

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	29.044	31.95	546.42	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	29.044	31.95	536.24	0.730	0.000	5.00	24.768	18.08	577.6	0.0	1647.2
10.00		1.00	0.85	29.044	31.95	526.07	0.730	0.000	5.00	24.302	17.74	566.8	0.0	1616.0
15.00		1.00	0.85	29.044	31.95	515.90	0.730	0.000	5.00	23.837	17.40	555.9	0.0	1584.8
20.00		1.00	0.90	30.817	33.90	520.93	0.730	0.000	5.00	23.372	17.06	578.3	0.0	1553.6
25.00		1.00	0.95	32.299	35.53	522.58	0.730	0.000	5.00	22.906	16.72	594.1	0.0	1522.5
30.00		1.00	0.98	33.563	36.92	521.77	0.730	0.000	5.00	22.441	16.38	604.8	0.0	1491.3
35.00		1.00	1.01	34.670	38.14	519.19	0.730	0.000	5.00	21.975	16.04	611.8	0.0	1460.1
40.00		1.00	1.04	35.658	39.22	515.27	0.730	0.000	5.00	21.510	15.70	615.9	0.0	1428.9
42.75	Bot - Section 2	1.00	1.06	36.161	39.78	512.65	0.730	0.000	2.75	11.632	8.49	337.8	0.0	772.6
45.00		1.00	1.07	36.553	40.21	510.29	0.730	0.000	2.25	9.555	6.98	280.5	0.0	1169.8
49.00	Top - Section 1	1.00	1.09	37.215	40.94	505.67	0.730	0.000	4.00	16.754	12.23	500.7	0.0	2050.7
50.00		1.00	1.09	37.373	41.11	512.30	0.730	0.000	1.00	4.142	3.02	124.3	0.0	236.1
55.00		1.00	1.12	38.131	41.94	505.81	0.730	0.000	5.00	20.431	14.91	625.6	0.0	1164.3
60.00		1.00	1.14	38.836	42.72	498.70	0.730	0.000	5.00	19.965	14.57	622.6	0.0	1137.6
65.00		1.00	1.16	39.496	43.45	491.06	0.730	0.000	5.00	19.500	14.23	618.4	0.0	1110.8
70.00		1.00	1.17	40.117	44.13	482.95	0.730	0.000	5.00	19.034	13.89	613.2	0.0	1084.1
75.00		1.00	1.19	40.704	44.77	474.43	0.730	0.000	5.00	18.569	13.56	606.9	0.0	1057.4
80.00		1.00	1.21	41.260	45.39	465.53	0.730	0.000	5.00	18.103	13.22	599.8	0.0	1030.6
82.50	Bot - Section 3	1.00	1.22	41.529	45.68	460.96	0.730	0.000	2.50	8.877	6.48	296.0	0.0	505.3
85.00		1.00	1.22	41.790	45.97	456.31	0.730	0.000	2.50	8.893	6.49	298.4	0.0	921.1
87.75	Top - Section 2	1.00	1.23	42.071	46.28	451.11	0.730	0.000	2.75	9.648	7.04	325.9	0.0	999.0
90.00		1.00	1.24	42.296	46.53	453.76	0.730	0.000	2.25	7.789	5.69	264.5	0.0	369.9
95.00		1.00	1.25	42.780	47.06	444.01	0.730	0.000	5.00	16.971	12.39	583.0	0.0	805.9
100.00		1.00	1.27	43.245	47.57	434.00	0.730	0.000	5.00	16.506	12.05	573.2	0.0	783.7
105.00		1.00	1.28	43.691	48.06	423.75	0.730	0.000	5.00	16.040	11.71	562.8	0.0	761.4
110.00		1.00	1.29	44.121	48.53	413.29	0.730	0.000	5.00	15.575	11.37	551.8	0.0	739.1
115.00		1.00	1.30	44.536	48.99	402.63	0.730	0.000	5.00	15.109	11.03	540.4	0.0	716.8
120.00		1.00	1.32	44.937	49.43	391.79	0.730	0.000	5.00	14.644	10.69	528.4	0.0	694.6
123.25	Bot - Section 4	1.00	1.32	45.191	49.71	384.64	0.730	0.000	3.25	9.269	6.77	336.4	0.0	439.5
125.00		1.00	1.33	45.325	49.86	380.77	0.730	0.000	1.75	4.984	3.64	181.4	0.0	422.2
127.50	Top - Section 3	1.00	1.33	45.514	50.07	375.19	0.730	0.000	2.50	7.020	5.12	256.6	0.0	594.6
130.00		1.00	1.34	45.701	50.27	375.38	0.730	0.000	2.50	6.904	5.04	253.4	0.0	262.3
135.00	Appurtenance(s)	1.00	1.35	46.065	50.67	364.06	0.730	0.000	5.00	13.459	9.83	497.9	0.0	511.3
140.00		1.00	1.36	46.419	51.06	352.60	0.730	0.000	5.00	12.994	9.49	484.3	0.0	493.5
145.00		1.00	1.37	46.764	51.44	340.99	0.730	0.000	5.00	12.528	9.15	470.4	0.0	475.6
147.00	Appurtenance(s)	1.00	1.37	46.899	51.59	336.31	0.730	0.000	2.00	4.881	3.56	183.8	0.0	185.3
150.00		1.00	1.38	47.098	51.81	329.26	0.730	0.000	3.00	7.182	5.24	271.6	0.0	272.6
155.00		1.00	1.39	47.425	52.17	317.40	0.730	0.000	5.00	11.597	8.47	441.6	0.0	440.0
157.00	Appurtenance(s)	1.00	1.39	47.553	52.31	312.62	0.730	0.000	2.00	4.509	3.29	172.2	0.0	171.0
160.00		1.00	1.40	47.743	52.52	305.41	0.730	0.000	3.00	6.623	4.83	253.9	0.0	251.2
165.00		1.00	1.41	48.053	52.86	293.32	0.730	0.000	5.00	10.666	7.79	411.6	0.0	404.4
167.00	Appurtenance(s)	1.00	1.41	48.175	52.99	288.45	0.730	0.000	2.00	4.136	3.02	160.0	0.0	156.8
168.00	Appurtenance(s)	1.00	1.41	48.236	53.06	286.01	0.730	0.000	1.00	2.040	1.49	79.0	0.0	77.3
								Totals:	**168.00**			**18,613.4**		**35,572.5**

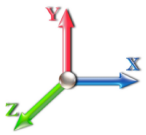
Discrete Appurtenance Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	168.00	Lightning Rod	1	48.386	53.225	1.00	1.00	1.05	42.00	0.000	2.500	55.89	0.00	139.71
2	167.00	Commscope	3	48.175	52.993	0.55	0.75	20.15	304.92	0.000	0.000	1067.99	0.00	0.00
3	167.00	V-Brace Kit (Site Pro	1	48.175	52.993	1.00	1.00	6.70	276.00	0.000	0.000	355.05	0.00	0.00
4	167.00	Pipe2.0STD x 15'	1	48.175	52.993	0.75	0.75	5.06	314.06	0.000	0.000	268.28	0.00	0.00
5	167.00	RFS APXVTM14-C-I20	3	48.175	52.993	0.58	0.75	11.13	201.60	0.000	0.000	589.63	0.00	0.00
6	167.00	Pipe2.0STD Mount Pipes	6	48.175	52.993	0.60	0.75	5.15	288.00	0.000	0.000	272.81	0.00	0.00
7	167.00	ALU 800 Mhz RRU's	6	48.175	52.993	0.50	0.75	6.42	381.60	0.000	0.000	340.32	0.00	0.00
8	167.00	ALU TD-RRH8x20-25	3	48.175	52.993	0.50	0.75	6.11	252.00	0.000	0.000	323.54	0.00	0.00
9	167.00	Reinforcement Kit (Site	1	48.175	52.993	0.75	0.75	7.13	557.89	0.000	0.000	377.57	0.00	0.00
10	167.00	Low Profile Platform	1	48.175	52.993	1.00	1.00	22.00	1800.00	0.000	0.000	1165.84	0.00	0.00
11	167.00	ALU 1900 Mhz RRU's	3	48.175	52.993	0.50	0.75	3.59	216.00	0.000	0.000	190.13	0.00	0.00
12	157.00	Samsung MT6407-77A	3	47.553	52.308	0.52	0.75	7.40	313.56	0.000	0.000	387.21	0.00	0.00
13	157.00	Commscope	3	47.553	52.308	0.62	0.75	15.26	139.68	0.000	0.000	798.09	0.00	0.00
14	157.00	JMA Wireless	6	47.553	52.308	0.65	0.75	38.64	432.00	0.000	0.000	2021.24	0.00	0.00
15	157.00	Raycap	1	47.553	52.308	0.50	0.75	2.04	38.40	0.000	0.000	106.72	0.00	0.00
16	157.00	Samsung B2/B66A RRU's	3	47.553	52.308	0.62	0.75	3.51	303.84	0.000	0.000	183.65	0.00	0.00
17	157.00	Samsung B5/B13 RRU's	3	47.553	52.308	0.58	0.75	3.26	253.08	0.000	0.000	170.37	0.00	0.00
18	157.00	Platform w/ Hand Rails	1	47.553	52.308	1.00	1.00	47.40	2787.60	0.000	0.000	2479.41	0.00	0.00
19	157.00	Kaelus	4	47.553	52.308	0.61	0.75	2.36	84.48	0.000	0.000	123.53	0.00	0.00
20	147.00	RFS	3	46.899	51.588	0.54	0.75	32.79	460.80	0.000	0.000	1691.52	0.00	0.00
21	147.00	AIR6449 B41	3	46.899	51.588	0.53	0.75	9.03	370.80	0.000	0.000	465.63	0.00	0.00
22	147.00	VV-65A-R1	3	46.899	51.588	0.55	0.75	13.15	85.72	0.000	0.000	678.57	0.00	0.00
23	147.00	4449 B71 + B85	3	46.899	51.588	0.50	0.75	2.97	270.00	0.000	0.000	153.21	0.00	0.00
24	147.00	4460 B25 + B66	3	46.899	51.588	0.50	0.75	4.30	374.40	0.000	0.000	221.64	0.00	0.00
25	147.00	Ericsson KRY 112 489/2	3	46.899	51.588	0.45	0.75	0.76	55.44	0.000	0.000	39.00	0.00	0.00
26	147.00	Allen Telecom	3	46.899	51.588	0.45	0.75	0.73	63.00	0.000	0.000	37.61	0.00	0.00
27	147.00	Kathrein 782 11056 Bias	3	46.899	51.588	0.45	0.75	0.20	6.48	0.000	0.000	10.45	0.00	0.00
28	147.00	Low Profile Platform	1	46.899	51.588	1.00	1.00	22.00	1800.00	0.000	0.000	1134.95	0.00	0.00
29	147.00	Reinforcement Kit (Site	1	46.899	51.588	1.00	1.00	9.50	557.89	0.000	0.000	490.09	0.00	0.00
30	135.00	Platform w/HRK	1	46.065	50.672	1.00	1.00	33.60	1693.20	0.000	0.000	1702.57	0.00	0.00
31	135.00	Raycap	1	46.065	50.672	0.50	0.75	1.01	26.22	0.000	0.000	51.18	0.00	0.00
32	135.00	Fujitsu TA08025-B604	3	46.065	50.672	0.50	0.75	2.95	230.15	0.000	0.000	149.72	0.00	0.00
33	135.00	Fujitsu TA08025-B605	3	46.065	50.672	0.50	0.75	2.95	269.82	0.000	0.000	149.72	0.00	0.00
34	135.00	FFVV-65B-R2	3	46.065	50.672	0.55	0.75	20.43	254.88	0.000	0.000	1035.20	0.00	0.00
							Totals:		**15,505.51**			**19,288.32**		

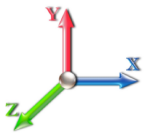
Total Applied Force Summary

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		577.64	1707.48	0.00	0.00
10.00		566.78	1766.70	0.00	0.00
15.00		555.93	1735.51	0.00	0.00
20.00		578.34	1704.32	0.00	0.00
25.00		594.09	1673.13	0.00	0.00
30.00		604.79	1641.94	0.00	0.00
35.00		611.78	1610.75	0.00	0.00
40.00		615.90	1579.56	0.00	0.00
42.75		337.76	855.46	0.00	0.00
45.00		280.46	1237.59	0.00	0.00
49.00		500.67	2171.21	0.00	0.00
50.00		124.30	266.20	0.00	0.00
55.00		625.56	1314.98	0.00	0.00
60.00		622.61	1288.24	0.00	0.00
65.00		618.43	1261.51	0.00	0.00
70.00		613.16	1234.78	0.00	0.00
75.00		606.92	1208.04	0.00	0.00
80.00		599.80	1181.31	0.00	0.00
82.50		296.03	580.63	0.00	0.00
85.00		298.43	996.41	0.00	0.00
87.75		325.94	1081.90	0.00	0.00
90.00		264.54	437.75	0.00	0.00
95.00		583.01	956.62	0.00	0.00
100.00		573.17	934.35	0.00	0.00
105.00		562.76	912.07	0.00	0.00
110.00		551.81	889.79	0.00	0.00
115.00		540.35	867.51	0.00	0.00
120.00		528.42	845.23	0.00	0.00
123.25		336.35	537.46	0.00	0.00
125.00		181.38	474.90	0.00	0.00
127.50		256.58	669.91	0.00	0.00
130.00		253.36	337.67	0.00	0.00
135.00	(11) attachments	3586.25	3136.24	0.00	0.00
140.00		484.33	633.23	0.00	0.00
145.00		470.45	615.40	0.00	0.00
147.00	(26) attachments	5106.48	4285.70	0.00	0.00
150.00		271.61	317.17	0.00	0.00
155.00		441.65	514.36	0.00	0.00
157.00	(24) attachments	6442.38	4553.39	0.00	0.00
160.00		253.92	265.40	0.00	0.00
165.00		411.58	428.07	0.00	0.00
167.00	(28) attachments	5111.15	4758.32	0.00	0.00
168.00	(1) attachments	134.91	120.88	0.00	139.71
	Totals:	**37,901.76**	**55,589.07**	**0.00**	**139.71**

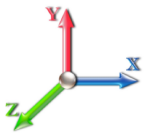
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.007	0.000	29.044	0.00	0.66
5.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.007	0.000	29.044	0.00	2.50
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	29.044	0.00	1.64
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	29.044	0.00	6.24
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	29.044	0.00	1.64
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	29.044	0.00	6.24
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	30.817	0.00	1.64
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	30.817	0.00	6.24
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	32.299	0.00	1.64
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	32.299	0.00	6.24
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	33.563	0.00	1.64
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	33.563	0.00	6.24
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	34.670	0.00	1.64
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	34.670	0.00	6.24
40.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	35.658	0.00	1.64
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	35.658	0.00	6.24
42.75	Safety Cable	Yes	2.75	0.000	0.38	0.09	0.00	0.020	0.000	36.161	0.00	0.90
42.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.14	0.00	0.020	0.000	36.161	0.00	3.43
45.00	Safety Cable	Yes	2.25	0.000	0.38	0.07	0.00	0.020	0.000	36.553	0.00	0.74
45.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.12	0.00	0.020	0.000	36.553	0.00	2.81
49.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.020	0.000	37.215	0.00	1.31
49.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.020	0.000	37.215	0.00	4.99
50.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.020	0.000	37.373	0.00	0.33
50.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.020	0.000	37.373	0.00	1.25
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	38.131	0.00	1.64
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	38.131	0.00	6.24
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	38.836	0.00	1.64
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	38.836	0.00	6.24
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	39.496	0.00	1.64
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	39.496	0.00	6.24
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	40.117	0.00	1.64
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	40.117	0.00	6.24
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	40.704	0.00	1.64
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	40.704	0.00	6.24
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	41.260	0.00	1.64
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	41.260	0.00	6.24
82.50	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.024	0.000	41.529	0.00	0.82
82.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.024	0.000	41.529	0.00	3.12
85.00	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.024	0.000	41.790	0.00	0.82
85.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.024	0.000	41.790	0.00	3.12
87.75	Safety Cable	Yes	2.75	0.000	0.38	0.09	0.00	0.024	0.000	42.071	0.00	0.90
87.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.14	0.00	0.024	0.000	42.071	0.00	3.43
90.00	Safety Cable	Yes	2.25	0.000	0.38	0.07	0.00	0.024	0.000	42.296	0.00	0.74
90.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.12	0.00	0.024	0.000	42.296	0.00	2.81
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	42.780	0.00	1.64
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	42.780	0.00	6.24
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	43.245	0.00	1.64

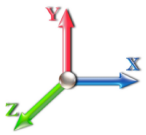
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	43.245	0.00	6.24
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	43.691	0.00	1.64
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	43.691	0.00	6.24
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.027	0.000	44.121	0.00	1.64
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.027	0.000	44.121	0.00	6.24
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	44.536	0.00	1.64
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	44.536	0.00	6.24
120.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.029	0.000	44.937	0.00	1.64
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.029	0.000	44.937	0.00	6.24
123.25	Safety Cable	Yes	3.25	0.000	0.38	0.10	0.00	0.030	0.000	45.191	0.00	1.06
123.25	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.17	0.00	0.030	0.000	45.191	0.00	4.06
125.00	Safety Cable	Yes	1.75	0.000	0.38	0.06	0.00	0.030	0.000	45.325	0.00	0.57
125.00	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.09	0.00	0.030	0.000	45.325	0.00	2.18
127.50	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.030	0.000	45.514	0.00	0.82
127.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.030	0.000	45.514	0.00	3.12
130.00	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.030	0.000	45.701	0.00	0.82
130.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.030	0.000	45.701	0.00	3.12
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	46.065	0.00	1.64
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	46.065	0.00	6.24
140.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.032	0.000	46.419	0.00	1.64
140.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.032	0.000	46.419	0.00	6.24
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.034	0.000	46.764	0.00	1.64
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.034	0.000	46.764	0.00	6.24
147.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.034	0.000	46.899	0.00	0.66
147.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.034	0.000	46.899	0.00	2.50
150.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.035	0.000	47.098	0.00	0.98
150.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.035	0.000	47.098	0.00	3.74
155.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	47.425	0.00	1.64
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	47.425	0.00	6.24
157.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.037	0.000	47.553	0.00	0.66
157.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.037	0.000	47.553	0.00	2.50
160.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.038	0.000	47.743	0.00	0.98
160.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.038	0.000	47.743	0.00	3.74
165.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.039	0.000	48.053	0.00	1.64
165.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.039	0.000	48.053	0.00	6.24
167.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.041	0.000	48.175	0.00	0.66
167.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.041	0.000	48.175	0.00	2.50
168.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.041	0.000	48.236	0.00	0.33
168.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.041	0.000	48.236	0.00	1.25
									Totals:		**0.0**	**260.0**

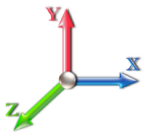
Calculated Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Load Case: 1.2D + 1.0W 120 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-55.53	-37.99	0.00	-4706.7	0.00	4706.73	5501.01	1429.33	6955.59	6641.33	0.00	0.000	0.000	0.720
5.00	-53.70	-37.59	0.00	-4516.7	0.00	4516.77	5435.34	1402.52	6697.11	6438.04	0.10	-0.185	0.000	0.712
10.00	-51.81	-37.18	0.00	-4328.8	0.00	4328.83	5368.23	1375.71	6443.51	6236.09	0.39	-0.373	0.000	0.705
15.00	-49.96	-36.78	0.00	-4142.9	0.00	4142.91	5299.69	1348.90	6194.82	6035.57	0.89	-0.564	0.000	0.697
20.00	-48.14	-36.35	0.00	-3959.0	0.00	3959.01	5229.71	1322.09	5951.01	5836.57	1.58	-0.758	0.000	0.688
25.00	-46.35	-35.89	0.00	-3777.2	0.00	3777.27	5158.30	1295.28	5712.11	5639.20	2.48	-0.954	0.000	0.680
30.00	-44.59	-35.41	0.00	-3597.8	0.00	3597.83	5085.46	1268.47	5478.09	5443.55	3.59	-1.154	0.000	0.670
35.00	-42.87	-34.92	0.00	-3420.7	0.00	3420.78	5011.18	1241.66	5248.97	5249.72	4.91	-1.355	0.000	0.661
40.00	-41.21	-34.37	0.00	-3246.2	0.00	3246.21	4935.46	1214.85	5024.75	5057.82	6.44	-1.560	0.000	0.651
42.75	-40.31	-34.09	0.00	-3151.6	0.00	3151.68	4893.21	1200.11	4903.51	4953.12	7.37	-1.675	0.000	0.645
45.00	-39.00	-33.86	0.00	-3074.9	0.00	3074.99	4858.32	1188.04	4805.42	4867.93	8.18	-1.770	0.000	0.641
49.00	-36.79	-33.36	0.00	-2939.5	0.00	2939.56	3959.59	1016.91	4107.51	3966.92	9.74	-1.938	0.000	0.751
50.00	-36.44	-33.31	0.00	-2906.2	0.00	2906.20	3948.01	1012.31	4070.46	3937.31	10.15	-1.982	0.000	0.748
55.00	-35.02	-32.78	0.00	-2739.6	0.00	2739.65	3889.26	989.33	3887.76	3789.99	12.35	-2.216	0.000	0.733
60.00	-33.62	-32.25	0.00	-2575.7	0.00	2575.74	3829.07	966.35	3709.25	3643.98	14.80	-2.453	0.000	0.717
65.00	-32.26	-31.71	0.00	-2414.5	0.00	2414.50	3767.45	943.37	3534.93	3499.39	17.49	-2.691	0.000	0.700
70.00	-30.92	-31.17	0.00	-2255.9	0.00	2255.96	3704.39	920.39	3364.81	3356.32	20.44	-2.931	0.000	0.682
75.00	-29.62	-30.62	0.00	-2100.1	0.00	2100.14	3639.90	897.41	3198.89	3214.85	23.64	-3.172	0.000	0.663
80.00	-28.38	-30.04	0.00	-1947.0	0.00	1947.05	3573.98	874.43	3037.16	3075.10	27.09	-3.413	0.000	0.642
82.50	-27.75	-29.77	0.00	-1871.9	0.00	1871.94	3540.48	862.94	2957.86	3005.89	28.90	-3.536	0.000	0.632
85.00	-26.71	-29.47	0.00	-1797.5	0.00	1797.51	3506.62	851.45	2879.62	2937.15	30.79	-3.659	0.000	0.621
87.75	-25.59	-29.13	0.00	-1716.4	0.00	1716.47	2761.71	710.98	2409.40	2321.45	32.94	-3.794	0.000	0.750
90.00	-25.08	-28.92	0.00	-1650.9	0.00	1650.92	2740.07	702.36	2351.34	2275.13	34.75	-3.905	0.000	0.736
95.00	-24.03	-28.39	0.00	-1506.3	0.00	1506.31	2690.94	683.21	2224.87	2172.95	38.98	-4.178	0.000	0.704
100.00	-23.01	-27.85	0.00	-1364.3	0.00	1364.38	2640.38	664.06	2101.90	2071.89	43.50	-4.447	0.000	0.669
105.00	-22.02	-27.32	0.00	-1225.1	0.00	1225.11	2588.38	644.91	1982.42	1972.04	48.30	-4.712	0.000	0.632
110.00	-21.06	-26.79	0.00	-1088.5	0.00	1088.51	2534.95	625.76	1866.43	1873.50	53.37	-4.970	0.000	0.591
115.00	-20.13	-26.26	0.00	-954.57	0.00	954.57	2480.09	606.61	1753.94	1776.38	58.70	-5.220	0.000	0.547
120.00	-19.26	-25.72	0.00	-823.27	0.00	823.27	2423.79	587.46	1644.95	1680.76	64.29	-5.458	0.000	0.500
123.25	-18.70	-25.37	0.00	-739.68	0.00	739.68	2386.43	575.01	1575.98	1619.46	68.05	-5.608	0.000	0.467
125.00	-18.21	-25.17	0.00	-695.29	0.00	695.29	2366.06	568.31	1539.45	1586.75	70.12	-5.687	0.000	0.448
127.50	-17.52	-24.88	0.00	-632.36	0.00	632.36	1766.99	454.82	1232.50	1187.70	73.12	-5.796	0.000	0.545
130.00	-17.14	-24.65	0.00	-570.15	0.00	570.15	1747.69	447.16	1191.34	1154.80	76.18	-5.899	0.000	0.507
135.00	-14.32	-20.80	0.00	-446.92	0.00	446.92	1708.02	431.84	1111.10	1089.62	82.47	-6.117	0.000	0.421
140.00	-13.69	-20.29	0.00	-342.91	0.00	342.91	1666.92	416.52	1033.67	1025.37	88.97	-6.305	0.000	0.345
145.00	-13.09	-19.78	0.00	-241.45	0.00	241.45	1624.39	401.20	959.03	962.15	95.65	-6.460	0.000	0.261
147.00	-9.40	-14.23	0.00	-201.89	0.00	201.89	1606.97	395.07	929.95	937.18	98.36	-6.512	0.000	0.223
150.00	-9.09	-13.94	0.00	-159.20	0.00	159.20	1580.42	385.88	887.18	900.06	102.47	-6.579	0.000	0.184
155.00	-8.62	-13.45	0.00	-89.51	0.00	89.51	1535.02	370.56	818.14	839.18	109.39	-6.662	0.000	0.114
157.00	-4.84	-6.52	0.00	-62.62	0.00	62.62	1516.46	364.43	791.30	815.20	112.18	-6.685	0.000	0.080
160.00	-4.61	-6.24	0.00	-43.05	0.00	43.05	1488.18	355.24	751.89	779.63	116.38	-6.710	0.000	0.059
165.00	-4.23	-5.78	0.00	-11.85	0.00	11.85	1439.00	339.92	688.43	721.04	123.41	-6.734	0.000	0.020
167.00	-0.10	-0.15	0.00	-0.29	0.00	0.29	1413.06	333.79	663.83	695.14	126.22	-6.736	0.000	0.000
168.00	0.00	-0.13	0.00	-0.14	0.00	0.14	1400.09	330.73	651.70	682.38	127.63	-6.736	0.000	0.000

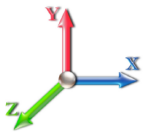
Wind Loading - Shaft

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	29.044	31.95	546.42	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	29.044	31.95	536.24	0.730	0.000	5.00	24.768	18.08	577.6	0.0	1235.4
10.00		1.00	0.85	29.044	31.95	526.07	0.730	0.000	5.00	24.302	17.74	566.8	0.0	1212.0
15.00		1.00	0.85	29.044	31.95	515.90	0.730	0.000	5.00	23.837	17.40	555.9	0.0	1188.6
20.00		1.00	0.90	30.817	33.90	520.93	0.730	0.000	5.00	23.372	17.06	578.3	0.0	1165.2
25.00		1.00	0.95	32.299	35.53	522.58	0.730	0.000	5.00	22.906	16.72	594.1	0.0	1141.8
30.00		1.00	0.98	33.563	36.92	521.77	0.730	0.000	5.00	22.441	16.38	604.8	0.0	1118.4
35.00		1.00	1.01	34.670	38.14	519.19	0.730	0.000	5.00	21.975	16.04	611.8	0.0	1095.1
40.00		1.00	1.04	35.658	39.22	515.27	0.730	0.000	5.00	21.510	15.70	615.9	0.0	1071.7
42.75	Bot - Section 2	1.00	1.06	36.161	39.78	512.65	0.730	0.000	2.75	11.632	8.49	337.8	0.0	579.4
45.00		1.00	1.07	36.553	40.21	510.29	0.730	0.000	2.25	9.555	6.98	280.5	0.0	877.3
49.00	Top - Section 1	1.00	1.09	37.215	40.94	505.67	0.730	0.000	4.00	16.754	12.23	500.7	0.0	1538.0
50.00		1.00	1.09	37.373	41.11	512.30	0.730	0.000	1.00	4.142	3.02	124.3	0.0	177.1
55.00		1.00	1.12	38.131	41.94	505.81	0.730	0.000	5.00	20.431	14.91	625.6	0.0	873.2
60.00		1.00	1.14	38.836	42.72	498.70	0.730	0.000	5.00	19.965	14.57	622.6	0.0	853.2
65.00		1.00	1.16	39.496	43.45	491.06	0.730	0.000	5.00	19.500	14.23	618.4	0.0	833.1
70.00		1.00	1.17	40.117	44.13	482.95	0.730	0.000	5.00	19.034	13.89	613.2	0.0	813.1
75.00		1.00	1.19	40.704	44.77	474.43	0.730	0.000	5.00	18.569	13.56	606.9	0.0	793.0
80.00		1.00	1.21	41.260	45.39	465.53	0.730	0.000	5.00	18.103	13.22	599.8	0.0	773.0
82.50	Bot - Section 3	1.00	1.22	41.529	45.68	460.96	0.730	0.000	2.50	8.877	6.48	296.0	0.0	379.0
85.00		1.00	1.22	41.790	45.97	456.31	0.730	0.000	2.50	8.893	6.49	298.4	0.0	690.8
87.75	Top - Section 2	1.00	1.23	42.071	46.28	451.11	0.730	0.000	2.75	9.648	7.04	325.9	0.0	749.3
90.00		1.00	1.24	42.296	46.53	453.76	0.730	0.000	2.25	7.789	5.69	264.5	0.0	277.5
95.00		1.00	1.25	42.780	47.06	444.01	0.730	0.000	5.00	16.971	12.39	583.0	0.0	604.5
100.00		1.00	1.27	43.245	47.57	434.00	0.730	0.000	5.00	16.506	12.05	573.2	0.0	587.8
105.00		1.00	1.28	43.691	48.06	423.75	0.730	0.000	5.00	16.040	11.71	562.8	0.0	571.0
110.00		1.00	1.29	44.121	48.53	413.29	0.730	0.000	5.00	15.575	11.37	551.8	0.0	554.3
115.00		1.00	1.30	44.536	48.99	402.63	0.730	0.000	5.00	15.109	11.03	540.4	0.0	537.6
120.00		1.00	1.32	44.937	49.43	391.79	0.730	0.000	5.00	14.644	10.69	528.4	0.0	520.9
123.25	Bot - Section 4	1.00	1.32	45.191	49.71	384.64	0.730	0.000	3.25	9.269	6.77	336.4	0.0	329.6
125.00		1.00	1.33	45.325	49.86	380.77	0.730	0.000	1.75	4.984	3.64	181.4	0.0	316.6
127.50	Top - Section 3	1.00	1.33	45.514	50.07	375.19	0.730	0.000	2.50	7.020	5.12	256.6	0.0	445.9
130.00		1.00	1.34	45.701	50.27	375.38	0.730	0.000	2.50	6.904	5.04	253.4	0.0	196.7
135.00	Appurtenance(s)	1.00	1.35	46.065	50.67	364.06	0.730	0.000	5.00	13.459	9.83	497.9	0.0	383.5
140.00		1.00	1.36	46.419	51.06	352.60	0.730	0.000	5.00	12.994	9.49	484.3	0.0	370.1
145.00		1.00	1.37	46.764	51.44	340.99	0.730	0.000	5.00	12.528	9.15	470.4	0.0	356.7
147.00	Appurtenance(s)	1.00	1.37	46.899	51.59	336.31	0.730	0.000	2.00	4.881	3.56	183.8	0.0	139.0
150.00		1.00	1.38	47.098	51.81	329.26	0.730	0.000	3.00	7.182	5.24	271.6	0.0	204.4
155.00		1.00	1.39	47.425	52.17	317.40	0.730	0.000	5.00	11.597	8.47	441.6	0.0	330.0
157.00	Appurtenance(s)	1.00	1.39	47.553	52.31	312.62	0.730	0.000	2.00	4.509	3.29	172.2	0.0	128.3
160.00		1.00	1.40	47.743	52.52	305.41	0.730	0.000	3.00	6.623	4.83	253.9	0.0	188.4
165.00		1.00	1.41	48.053	52.86	293.32	0.730	0.000	5.00	10.666	7.79	411.6	0.0	303.3
167.00	Appurtenance(s)	1.00	1.41	48.175	52.99	288.45	0.730	0.000	2.00	4.136	3.02	160.0	0.0	117.6
168.00	Appurtenance(s)	1.00	1.41	48.236	53.06	286.01	0.730	0.000	1.00	2.040	1.49	79.0	0.0	58.0
								Totals:	**168.00**			**18,613.4**		**26,679.4**

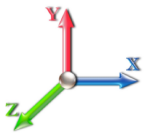
Discrete Appurtenance Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 16	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	168.00	Lightning Rod	1	48.386	53.225	1.00	1.00	1.05	31.50	0.000	2.500	55.89	0.00	139.71
2	167.00	Commscope	3	48.175	52.993	0.55	0.75	20.15	228.69	0.000	0.000	1067.99	0.00	0.00
3	167.00	V-Brace Kit (Site Pro	1	48.175	52.993	1.00	1.00	6.70	207.00	0.000	0.000	355.05	0.00	0.00
4	167.00	Pipe2.0STD x 15'	1	48.175	52.993	0.75	0.75	5.06	235.55	0.000	0.000	268.28	0.00	0.00
5	167.00	RFS APXVTM14-C-I20	3	48.175	52.993	0.58	0.75	11.13	151.20	0.000	0.000	589.63	0.00	0.00
6	167.00	Pipe2.0STD Mount Pipes	6	48.175	52.993	0.60	0.75	5.15	216.00	0.000	0.000	272.81	0.00	0.00
7	167.00	ALU 800 Mhz RRU's	6	48.175	52.993	0.50	0.75	6.42	286.20	0.000	0.000	340.32	0.00	0.00
8	167.00	ALU TD-RRH8x20-25	3	48.175	52.993	0.50	0.75	6.11	189.00	0.000	0.000	323.54	0.00	0.00
9	167.00	Reinforcement Kit (Site	1	48.175	52.993	0.75	0.75	7.13	418.42	0.000	0.000	377.57	0.00	0.00
10	167.00	Low Profile Platform	1	48.175	52.993	1.00	1.00	22.00	1350.00	0.000	0.000	1165.84	0.00	0.00
11	167.00	ALU 1900 Mhz RRU's	3	48.175	52.993	0.50	0.75	3.59	162.00	0.000	0.000	190.13	0.00	0.00
12	157.00	Samsung MT6407-77A	3	47.553	52.308	0.52	0.75	7.40	235.17	0.000	0.000	387.21	0.00	0.00
13	157.00	Commscope	3	47.553	52.308	0.62	0.75	15.26	104.76	0.000	0.000	798.09	0.00	0.00
14	157.00	JMA Wireless	6	47.553	52.308	0.65	0.75	38.64	324.00	0.000	0.000	2021.24	0.00	0.00
15	157.00	Raycap	1	47.553	52.308	0.50	0.75	2.04	28.80	0.000	0.000	106.72	0.00	0.00
16	157.00	Samsung B2/B66A RRU's	3	47.553	52.308	0.62	0.75	3.51	227.88	0.000	0.000	183.65	0.00	0.00
17	157.00	Samsung B5/B13 RRU's	3	47.553	52.308	0.58	0.75	3.26	189.81	0.000	0.000	170.37	0.00	0.00
18	157.00	Platform w/ Hand Rails	1	47.553	52.308	1.00	1.00	47.40	2090.70	0.000	0.000	2479.41	0.00	0.00
19	157.00	Kaelus	4	47.553	52.308	0.61	0.75	2.36	63.36	0.000	0.000	123.53	0.00	0.00
20	147.00	RFS	3	46.899	51.588	0.54	0.75	32.79	345.60	0.000	0.000	1691.52	0.00	0.00
21	147.00	AIR6449 B41	3	46.899	51.588	0.53	0.75	9.03	278.10	0.000	0.000	465.63	0.00	0.00
22	147.00	VV-65A-R1	3	46.899	51.588	0.55	0.75	13.15	64.29	0.000	0.000	678.57	0.00	0.00
23	147.00	4449 B71 + B85	3	46.899	51.588	0.50	0.75	2.97	202.50	0.000	0.000	153.21	0.00	0.00
24	147.00	4460 B25 + B66	3	46.899	51.588	0.50	0.75	4.30	280.80	0.000	0.000	221.64	0.00	0.00
25	147.00	Ericsson KRY 112 489/2	3	46.899	51.588	0.45	0.75	0.76	41.58	0.000	0.000	39.00	0.00	0.00
26	147.00	Allen Telecom	3	46.899	51.588	0.45	0.75	0.73	47.25	0.000	0.000	37.61	0.00	0.00
27	147.00	Kathrein 782 11056 Bias	3	46.899	51.588	0.45	0.75	0.20	4.86	0.000	0.000	10.45	0.00	0.00
28	147.00	Low Profile Platform	1	46.899	51.588	1.00	1.00	22.00	1350.00	0.000	0.000	1134.95	0.00	0.00
29	147.00	Reinforcement Kit (Site	1	46.899	51.588	1.00	1.00	9.50	418.42	0.000	0.000	490.09	0.00	0.00
30	135.00	Platform w/HRK	1	46.065	50.672	1.00	1.00	33.60	1269.90	0.000	0.000	1702.57	0.00	0.00
31	135.00	Raycap	1	46.065	50.672	0.50	0.75	1.01	19.67	0.000	0.000	51.18	0.00	0.00
32	135.00	Fujitsu TA08025-B604	3	46.065	50.672	0.50	0.75	2.95	172.61	0.000	0.000	149.72	0.00	0.00
33	135.00	Fujitsu TA08025-B605	3	46.065	50.672	0.50	0.75	2.95	202.37	0.000	0.000	149.72	0.00	0.00
34	135.00	FFVV-65B-R2	3	46.065	50.672	0.55	0.75	20.43	191.16	0.000	0.000	1035.20	0.00	0.00
							Totals:		**11,629.13**			**19,288.32**		

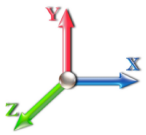
Total Applied Force Summary

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 25

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		577.64	1280.61	0.00	0.00
10.00		566.78	1325.02	0.00	0.00
15.00		555.93	1301.63	0.00	0.00
20.00		578.34	1278.24	0.00	0.00
25.00		594.09	1254.85	0.00	0.00
30.00		604.79	1231.45	0.00	0.00
35.00		611.78	1208.06	0.00	0.00
40.00		615.90	1184.67	0.00	0.00
42.75		337.76	641.60	0.00	0.00
45.00		280.46	928.20	0.00	0.00
49.00		500.67	1628.40	0.00	0.00
50.00		124.30	199.65	0.00	0.00
55.00		625.56	986.23	0.00	0.00
60.00		622.61	966.18	0.00	0.00
65.00		618.43	946.13	0.00	0.00
70.00		613.16	926.08	0.00	0.00
75.00		606.92	906.03	0.00	0.00
80.00		599.80	885.98	0.00	0.00
82.50		296.03	435.47	0.00	0.00
85.00		298.43	747.31	0.00	0.00
87.75		325.94	811.43	0.00	0.00
90.00		264.54	328.31	0.00	0.00
95.00		583.01	717.47	0.00	0.00
100.00		573.17	700.76	0.00	0.00
105.00		562.76	684.05	0.00	0.00
110.00		551.81	667.34	0.00	0.00
115.00		540.35	650.63	0.00	0.00
120.00		528.42	633.93	0.00	0.00
123.25		336.35	403.09	0.00	0.00
125.00		181.38	356.18	0.00	0.00
127.50		256.58	502.43	0.00	0.00
130.00		253.36	253.25	0.00	0.00
135.00	(11) attachments	3586.25	2352.18	0.00	0.00
140.00		484.33	474.92	0.00	0.00
145.00		470.45	461.55	0.00	0.00
147.00	(26) attachments	5106.48	3214.27	0.00	0.00
150.00		271.61	237.88	0.00	0.00
155.00		441.65	385.77	0.00	0.00
157.00	(24) attachments	6442.38	3415.04	0.00	0.00
160.00		253.92	199.05	0.00	0.00
165.00		411.58	321.06	0.00	0.00
167.00	(28) attachments	5111.15	3568.74	0.00	0.00
168.00	(1) attachments	134.91	90.66	0.00	139.71
	Totals:	**37,901.76**	**41,691.80**	**0.00**	**139.71**

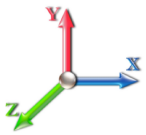
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.007	0.000	29.044	0.00	0.49
5.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.007	0.000	29.044	0.00	1.87
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	29.044	0.00	1.23
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	29.044	0.00	4.68
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	29.044	0.00	1.23
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	29.044	0.00	4.68
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	30.817	0.00	1.23
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	30.817	0.00	4.68
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	32.299	0.00	1.23
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	32.299	0.00	4.68
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	33.563	0.00	1.23
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	33.563	0.00	4.68
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	34.670	0.00	1.23
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	34.670	0.00	4.68
40.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	35.658	0.00	1.23
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	35.658	0.00	4.68
42.75	Safety Cable	Yes	2.75	0.000	0.38	0.09	0.00	0.020	0.000	36.161	0.00	0.68
42.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.14	0.00	0.020	0.000	36.161	0.00	2.57
45.00	Safety Cable	Yes	2.25	0.000	0.38	0.07	0.00	0.020	0.000	36.553	0.00	0.55
45.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.12	0.00	0.020	0.000	36.553	0.00	2.11
49.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.020	0.000	37.215	0.00	0.98
49.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.020	0.000	37.215	0.00	3.74
50.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.020	0.000	37.373	0.00	0.25
50.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.020	0.000	37.373	0.00	0.94
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	38.131	0.00	1.23
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	38.131	0.00	4.68
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	38.836	0.00	1.23
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	38.836	0.00	4.68
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	39.496	0.00	1.23
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	39.496	0.00	4.68
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	40.117	0.00	1.23
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	40.117	0.00	4.68
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	40.704	0.00	1.23
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	40.704	0.00	4.68
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	41.260	0.00	1.23
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	41.260	0.00	4.68
82.50	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.024	0.000	41.529	0.00	0.61
82.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.024	0.000	41.529	0.00	2.34
85.00	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.024	0.000	41.790	0.00	0.61
85.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.024	0.000	41.790	0.00	2.34
87.75	Safety Cable	Yes	2.75	0.000	0.38	0.09	0.00	0.024	0.000	42.071	0.00	0.68
87.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.14	0.00	0.024	0.000	42.071	0.00	2.57
90.00	Safety Cable	Yes	2.25	0.000	0.38	0.07	0.00	0.024	0.000	42.296	0.00	0.55
90.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.12	0.00	0.024	0.000	42.296	0.00	2.11
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	42.780	0.00	1.23
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	42.780	0.00	4.68
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	43.245	0.00	1.23

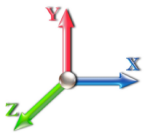
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	43.245	0.00	4.68
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	43.691	0.00	1.23
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	43.691	0.00	4.68
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.027	0.000	44.121	0.00	1.23
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.027	0.000	44.121	0.00	4.68
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	44.536	0.00	1.23
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	44.536	0.00	4.68
120.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.029	0.000	44.937	0.00	1.23
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.029	0.000	44.937	0.00	4.68
123.25	Safety Cable	Yes	3.25	0.000	0.38	0.10	0.00	0.030	0.000	45.191	0.00	0.80
123.25	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.17	0.00	0.030	0.000	45.191	0.00	3.04
125.00	Safety Cable	Yes	1.75	0.000	0.38	0.06	0.00	0.030	0.000	45.325	0.00	0.43
125.00	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.09	0.00	0.030	0.000	45.325	0.00	1.64
127.50	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.030	0.000	45.514	0.00	0.61
127.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.030	0.000	45.514	0.00	2.34
130.00	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.030	0.000	45.701	0.00	0.61
130.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.030	0.000	45.701	0.00	2.34
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	46.065	0.00	1.23
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	46.065	0.00	4.68
140.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.032	0.000	46.419	0.00	1.23
140.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.032	0.000	46.419	0.00	4.68
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.034	0.000	46.764	0.00	1.23
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.034	0.000	46.764	0.00	4.68
147.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.034	0.000	46.899	0.00	0.49
147.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.034	0.000	46.899	0.00	1.87
150.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.035	0.000	47.098	0.00	0.74
150.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.035	0.000	47.098	0.00	2.81
155.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	47.425	0.00	1.23
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	47.425	0.00	4.68
157.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.037	0.000	47.553	0.00	0.49
157.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.037	0.000	47.553	0.00	1.87
160.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.038	0.000	47.743	0.00	0.74
160.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.038	0.000	47.743	0.00	2.81
165.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.039	0.000	48.053	0.00	1.23
165.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.039	0.000	48.053	0.00	4.68
167.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.041	0.000	48.175	0.00	0.49
167.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.041	0.000	48.175	0.00	1.87
168.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.041	0.000	48.236	0.00	0.25
168.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.041	0.000	48.236	0.00	0.94
									Totals:		**0.0**	**195.0**

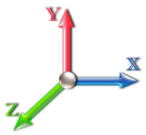
Calculated Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 20	

Load Case: 0.9D + 1.0W 120 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 25

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-41.63	-37.97	0.00	-4645.0	0.00	4645.07	5501.01	1429.33	6955.59	6641.33	0.00	0.000	0.000	0.708
5.00	-40.23	-37.52	0.00	-4455.2	0.00	4455.23	5435.34	1402.52	6697.11	6438.04	0.10	-0.183	0.000	0.700
10.00	-38.79	-37.07	0.00	-4267.6	0.00	4267.64	5368.23	1375.71	6443.51	6236.09	0.39	-0.368	0.000	0.692
15.00	-37.37	-36.63	0.00	-4082.2	0.00	4082.28	5299.69	1348.90	6194.82	6035.57	0.88	-0.557	0.000	0.684
20.00	-35.98	-36.16	0.00	-3899.1	0.00	3899.13	5229.71	1322.09	5951.01	5836.57	1.56	-0.747	0.000	0.676
25.00	-34.61	-35.66	0.00	-3718.3	0.00	3718.34	5158.30	1295.28	5712.11	5639.20	2.45	-0.941	0.000	0.667
30.00	-33.27	-35.15	0.00	-3540.0	0.00	3540.03	5085.46	1268.47	5478.09	5443.55	3.54	-1.137	0.000	0.658
35.00	-31.95	-34.62	0.00	-3364.2	0.00	3364.28	5011.18	1241.66	5248.97	5249.72	4.84	-1.335	0.000	0.648
40.00	-30.69	-34.06	0.00	-3191.1	0.00	3191.16	4935.46	1214.85	5024.75	5057.82	6.34	-1.536	0.000	0.638
42.75	-30.00	-33.76	0.00	-3097.4	0.00	3097.49	4893.21	1200.11	4903.51	4953.12	7.26	-1.649	0.000	0.632
45.00	-29.00	-33.52	0.00	-3021.5	0.00	3021.52	4858.32	1188.04	4805.42	4867.93	8.06	-1.743	0.000	0.627
49.00	-27.33	-33.02	0.00	-2887.4	0.00	2887.45	3959.59	1016.91	4107.51	3966.92	9.59	-1.908	0.000	0.736
50.00	-27.06	-32.95	0.00	-2854.4	0.00	2854.43	3948.01	1012.31	4070.46	3937.31	10.00	-1.951	0.000	0.733
55.00	-25.96	-32.40	0.00	-2689.6	0.00	2689.68	3889.26	989.33	3887.76	3789.99	12.16	-2.181	0.000	0.717
60.00	-24.89	-31.84	0.00	-2527.7	0.00	2527.70	3829.07	966.35	3709.25	3643.98	14.57	-2.413	0.000	0.701
65.00	-23.85	-31.27	0.00	-2368.5	0.00	2368.52	3767.45	943.37	3534.93	3499.39	17.22	-2.647	0.000	0.684
70.00	-22.83	-30.71	0.00	-2212.1	0.00	2212.15	3704.39	920.39	3364.81	3356.32	20.12	-2.882	0.000	0.666
75.00	-21.83	-30.15	0.00	-2058.6	0.00	2058.60	3639.90	897.41	3198.89	3214.85	23.27	-3.118	0.000	0.647
80.00	-20.89	-29.56	0.00	-1907.8	0.00	1907.86	3573.98	874.43	3037.16	3075.10	26.66	-3.355	0.000	0.627
82.50	-20.41	-29.29	0.00	-1833.9	0.00	1833.95	3540.48	862.94	2957.86	3005.89	28.45	-3.476	0.000	0.617
85.00	-19.62	-28.99	0.00	-1760.7	0.00	1760.74	3506.62	851.45	2879.62	2937.15	30.30	-3.596	0.000	0.606
87.75	-18.77	-28.65	0.00	-1681.0	0.00	1681.03	2761.71	710.98	2409.40	2321.45	32.41	-3.728	0.000	0.733
90.00	-18.36	-28.42	0.00	-1616.5	0.00	1616.58	2740.07	702.36	2351.34	2275.13	34.19	-3.837	0.000	0.719
95.00	-17.56	-27.87	0.00	-1474.4	0.00	1474.46	2690.94	683.21	2224.87	2172.95	38.35	-4.104	0.000	0.687
100.00	-16.78	-27.33	0.00	-1335.1	0.00	1335.10	2640.38	664.06	2101.90	2071.89	42.79	-4.368	0.000	0.652
105.00	-16.02	-26.78	0.00	-1198.4	0.00	1198.47	2588.38	644.91	1982.42	1972.04	47.50	-4.627	0.000	0.616
110.00	-15.29	-26.25	0.00	-1064.5	0.00	1064.55	2534.95	625.76	1866.43	1873.50	52.47	-4.879	0.000	0.576
115.00	-14.58	-25.71	0.00	-933.33	0.00	933.33	2480.09	606.61	1753.94	1776.38	57.71	-5.123	0.000	0.533
120.00	-13.91	-25.17	0.00	-804.78	0.00	804.78	2423.79	587.46	1644.95	1680.76	63.20	-5.356	0.000	0.486
123.25	-13.50	-24.83	0.00	-722.97	0.00	722.97	2386.43	575.01	1575.98	1619.46	66.89	-5.503	0.000	0.454
125.00	-13.12	-24.63	0.00	-679.52	0.00	679.52	2366.06	568.31	1539.45	1586.75	68.92	-5.580	0.000	0.436
127.50	-12.60	-24.35	0.00	-617.94	0.00	617.94	1766.99	454.82	1232.50	1187.70	71.86	-5.686	0.000	0.530
130.00	-12.31	-24.11	0.00	-557.07	0.00	557.07	1747.69	447.16	1191.34	1154.80	74.86	-5.787	0.000	0.492
135.00	-10.27	-20.33	0.00	-436.53	0.00	436.53	1708.02	431.84	1111.10	1089.62	81.03	-6.000	0.000	0.409
140.00	-9.79	-19.83	0.00	-334.87	0.00	334.87	1666.92	416.52	1033.67	1025.37	87.41	-6.183	0.000	0.335
145.00	-9.35	-19.33	0.00	-235.71	0.00	235.71	1624.39	401.20	959.03	962.15	93.96	-6.335	0.000	0.253
147.00	-6.71	-13.90	0.00	-197.06	0.00	197.06	1606.97	395.07	929.95	937.18	96.62	-6.386	0.000	0.216
150.00	-6.48	-13.62	0.00	-155.34	0.00	155.34	1580.42	385.88	887.18	900.06	100.64	-6.452	0.000	0.178
155.00	-6.14	-13.14	0.00	-87.26	0.00	87.26	1535.02	370.56	818.14	839.18	107.44	-6.533	0.000	0.109
157.00	-3.48	-6.35	0.00	-60.99	0.00	60.99	1516.46	364.43	791.30	815.20	110.17	-6.555	0.000	0.077
160.00	-3.30	-6.08	0.00	-41.93	0.00	41.93	1488.18	355.24	751.89	779.63	114.29	-6.579	0.000	0.056
165.00	-3.03	-5.63	0.00	-11.55	0.00	11.55	1439.00	339.92	688.43	721.04	121.18	-6.602	0.000	0.018
167.00	-0.07	-0.14	0.00	-0.28	0.00	0.28	1413.06	333.79	663.83	695.14	123.94	-6.604	0.000	0.000
168.00	0.00	-0.13	0.00	-0.14	0.00	0.14	1400.09	330.73	651.70	682.38	125.32	-6.605	0.000	0.000

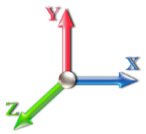
Wind Loading - Shaft

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	5.042	5.55	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.042	5.55	0.00	1.200	0.828	5.00	25.458	30.55	169.4	305.1	1952.3
10.00		1.00	0.85	5.042	5.55	0.00	1.200	0.887	5.00	25.042	30.05	166.7	321.2	1937.3
15.00		1.00	0.85	5.042	5.55	0.00	1.200	0.924	5.00	24.607	29.53	163.8	328.4	1913.2
20.00		1.00	0.90	5.350	5.89	0.00	1.200	0.951	5.00	24.164	29.00	170.7	331.6	1885.2
25.00		1.00	0.95	5.607	6.17	0.00	1.200	0.973	5.00	23.717	28.46	175.5	332.5	1854.9
30.00		1.00	0.98	5.827	6.41	0.00	1.200	0.991	5.00	23.266	27.92	178.9	331.9	1823.1
35.00		1.00	1.01	6.019	6.62	0.00	1.200	1.006	5.00	22.813	27.38	181.3	330.2	1790.3
40.00		1.00	1.04	6.191	6.81	0.00	1.200	1.019	5.00	22.359	26.83	182.7	327.7	1756.6
42.75	Bot - Section 2	1.00	1.06	6.278	6.91	0.00	1.200	1.026	2.75	12.102	14.52	100.3	179.3	951.9
45.00		1.00	1.07	6.346	6.98	0.00	1.200	1.032	2.25	9.942	11.93	83.3	148.2	1318.0
49.00	Top - Section 1	1.00	1.09	6.461	7.11	0.00	1.200	1.040	4.00	17.448	20.94	148.8	261.2	2311.9
50.00		1.00	1.09	6.488	7.14	0.00	1.200	1.042	1.00	4.316	5.18	37.0	65.1	301.2
55.00		1.00	1.12	6.620	7.28	0.00	1.200	1.052	5.00	21.308	25.57	186.2	321.7	1486.0
60.00		1.00	1.14	6.742	7.42	0.00	1.200	1.062	5.00	20.850	25.02	185.6	317.2	1454.8
65.00		1.00	1.16	6.857	7.54	0.00	1.200	1.070	5.00	20.391	24.47	184.6	312.5	1423.3
70.00		1.00	1.17	6.965	7.66	0.00	1.200	1.078	5.00	19.933	23.92	183.2	307.4	1391.5
75.00		1.00	1.19	7.067	7.77	0.00	1.200	1.086	5.00	19.473	23.37	181.6	302.1	1359.5
80.00		1.00	1.21	7.163	7.88	0.00	1.200	1.093	5.00	19.014	22.82	179.8	296.6	1327.2
82.50	Bot - Section 3	1.00	1.22	7.210	7.93	0.00	1.200	1.096	2.50	9.334	11.20	88.8	146.9	652.2
85.00		1.00	1.22	7.255	7.98	0.00	1.200	1.099	2.50	9.351	11.22	89.6	147.6	1068.6
87.75	Top - Section 2	1.00	1.23	7.304	8.03	0.00	1.200	1.103	2.75	10.153	12.18	97.9	160.6	1159.6
90.00		1.00	1.24	7.343	8.08	0.00	1.200	1.106	2.25	8.204	9.84	79.5	130.2	500.1
95.00		1.00	1.25	7.427	8.17	0.00	1.200	1.112	5.00	17.898	21.48	175.5	283.2	1089.1
100.00		1.00	1.27	7.508	8.26	0.00	1.200	1.117	5.00	17.437	20.92	172.8	277.0	1060.7
105.00		1.00	1.28	7.585	8.34	0.00	1.200	1.123	5.00	16.976	20.37	170.0	270.6	1032.0
110.00		1.00	1.29	7.660	8.43	0.00	1.200	1.128	5.00	16.515	19.82	167.0	264.2	1003.3
115.00		1.00	1.30	7.732	8.51	0.00	1.200	1.133	5.00	16.054	19.26	163.8	257.6	974.4
120.00		1.00	1.32	7.802	8.58	0.00	1.200	1.138	5.00	15.592	18.71	160.6	250.9	945.4
123.25	Bot - Section 4	1.00	1.32	7.846	8.63	0.00	1.200	1.141	3.25	9.887	11.86	102.4	160.2	599.7
125.00		1.00	1.33	7.869	8.66	0.00	1.200	1.142	1.75	5.317	6.38	55.2	86.7	508.8
127.50	Top - Section 3	1.00	1.33	7.902	8.69	0.00	1.200	1.145	2.50	7.497	9.00	78.2	122.1	716.7
130.00		1.00	1.34	7.934	8.73	0.00	1.200	1.147	2.50	7.382	8.86	77.3	120.4	382.7
135.00	Appurtenance(s)	1.00	1.35	7.997	8.80	0.00	1.200	1.151	5.00	14.418	17.30	152.2	233.7	745.0
140.00		1.00	1.36	8.059	8.86	0.00	1.200	1.155	5.00	13.957	16.75	148.5	226.6	720.1
145.00		1.00	1.37	8.119	8.93	0.00	1.200	1.160	5.00	13.494	16.19	144.6	219.5	695.1
147.00	Appurtenance(s)	1.00	1.37	8.142	8.96	0.00	1.200	1.161	2.00	5.268	6.32	56.6	86.6	271.9
150.00		1.00	1.38	8.177	8.99	0.00	1.200	1.163	3.00	7.763	9.32	83.8	127.3	399.9
155.00		1.00	1.39	8.233	9.06	0.00	1.200	1.167	5.00	12.570	15.08	136.6	204.9	644.9
157.00	Appurtenance(s)	1.00	1.39	8.256	9.08	0.00	1.200	1.169	2.00	4.898	5.88	53.4	80.8	251.8
160.00		1.00	1.40	8.289	9.12	0.00	1.200	1.171	3.00	7.209	8.65	78.9	118.5	369.7
165.00		1.00	1.41	8.343	9.18	0.00	1.200	1.175	5.00	11.645	13.97	128.2	190.0	594.4
167.00	Appurtenance(s)	1.00	1.41	8.364	9.20	0.00	1.200	1.176	2.00	4.528	5.43	50.0	74.8	231.6
168.00	Appurtenance(s)	1.00	1.41	8.374	9.21	0.00	1.200	1.177	1.00	2.236	2.68	24.7	37.1	114.4
								Totals:	**168.00**			**5,595.4**		**44,970.1**

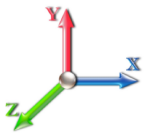
Discrete Appurtenance Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	168.00	Lightning Rod	1	8.400	9.240	1.00	1.00	2.65	54.18	0.000	2.500	24.49	0.00	61.23
2	167.00	Commscope	3	8.364	9.200	0.55	0.75	21.77	761.15	0.000	0.000	200.24	0.00	0.00
3	167.00	V-Brace Kit (Site Pro	1	8.364	9.200	1.00	1.00	11.43	391.39	0.000	0.000	105.14	0.00	0.00
4	167.00	Pipe2.0STD x 15'	1	8.364	9.200	0.75	0.75	8.40	785.08	0.000	0.000	77.25	0.00	0.00
5	167.00	RFS APXVTM14-C-I20	3	8.364	9.200	0.58	0.75	12.42	504.79	0.000	0.000	114.23	0.00	0.00
6	167.00	Pipe2.0STD Mount Pipes	6	8.364	9.200	0.60	0.75	13.02	474.59	0.000	0.000	119.79	0.00	0.00
7	167.00	ALU 800 Mhz RRU's	6	8.364	9.200	0.50	0.75	8.41	554.03	0.000	0.000	77.37	0.00	0.00
8	167.00	ALU TD-RRH8x20-25	3	8.364	9.200	0.50	0.75	6.91	460.41	0.000	0.000	63.57	0.00	0.00
9	167.00	Reinforcement Kit (Site	1	8.364	9.200	0.75	0.75	12.15	681.50	0.000	0.000	111.80	0.00	0.00
10	167.00	Low Profile Platform	1	8.364	9.200	1.00	1.00	33.90	2382.03	0.000	0.000	311.90	0.00	0.00
11	167.00	ALU 1900 Mhz RRU's	3	8.364	9.200	0.50	0.75	4.70	312.97	0.000	0.000	43.19	0.00	0.00
12	157.00	Samsung MT6407-77A	3	8.256	9.081	0.53	0.75	8.47	485.85	0.000	0.000	76.95	0.00	0.00
13	157.00	Commscope	3	8.256	9.081	0.63	0.75	17.04	374.99	0.000	0.000	154.72	0.00	0.00
14	157.00	JMA Wireless	6	8.256	9.081	0.65	0.75	42.15	998.19	0.000	0.000	382.74	0.00	0.00
15	157.00	Raycap	1	8.256	9.081	0.50	0.75	2.32	89.50	0.000	0.000	21.04	0.00	0.00
16	157.00	Samsung B2/B66A RRU's	3	8.256	9.081	0.64	0.75	4.29	368.26	0.000	0.000	38.99	0.00	0.00
17	157.00	Samsung B5/B13 RRU's	3	8.256	9.081	0.59	0.75	3.99	314.91	0.000	0.000	36.23	0.00	0.00
18	157.00	Platform w/ Hand Rails	1	8.256	9.081	1.00	1.00	69.56	4139.67	0.000	0.000	631.70	0.00	0.00
19	157.00	Kaelus	4	8.256	9.081	0.63	0.75	3.09	-11.62	0.000	0.000	28.06	0.00	0.00
20	147.00	RFS	3	8.142	8.956	0.54	0.75	34.81	1284.60	0.000	0.000	311.78	0.00	0.00
21	147.00	AIR6449 B41	3	8.142	8.956	0.53	0.75	10.04	549.38	0.000	0.000	89.89	0.00	0.00
22	147.00	VV-65A-R1	3	8.142	8.956	0.55	0.75	11.04	343.26	0.000	0.000	98.89	0.00	0.00
23	147.00	4449 B71 + B85	3	8.142	8.956	0.50	0.75	3.54	218.29	0.000	0.000	31.71	0.00	0.00
24	147.00	4460 B25 + B66	3	8.142	8.956	0.50	0.75	4.97	445.34	0.000	0.000	44.54	0.00	0.00
25	147.00	Ericsson KRY 112 489/2	3	8.142	8.956	0.45	0.75	1.05	98.05	0.000	0.000	9.41	0.00	0.00
26	147.00	Allen Telecom	3	8.142	8.956	0.45	0.75	1.03	111.71	0.000	0.000	9.18	0.00	0.00
27	147.00	Kathrein 782 11056 Bias	3	8.142	8.956	0.45	0.75	0.37	20.71	0.000	0.000	3.28	0.00	0.00
28	147.00	Low Profile Platform	1	8.142	8.956	1.00	1.00	33.75	2370.85	0.000	0.000	302.28	0.00	0.00
29	147.00	Reinforcement Kit (Site	1	8.142	8.956	1.00	1.00	16.12	678.73	0.000	0.000	144.36	0.00	0.00
30	135.00	Platform w/HRK	1	7.997	8.797	1.00	1.00	56.81	2371.77	0.000	0.000	499.77	0.00	0.00
31	135.00	Raycap	1	7.997	8.797	0.50	0.75	1.20	48.52	0.000	0.000	10.54	0.00	0.00
32	135.00	Fujitsu TA08025-B604	3	7.997	8.797	0.50	0.75	3.51	294.18	0.000	0.000	30.90	0.00	0.00
33	135.00	Fujitsu TA08025-B605	3	7.997	8.797	0.50	0.75	3.51	335.31	0.000	0.000	30.90	0.00	0.00
34	135.00	FFVV-65B-R2	3	7.997	8.797	0.55	0.75	22.03	621.86	0.000	0.000	193.79	0.00	0.00
							Totals:		**23,914.44**			**4,430.63**		

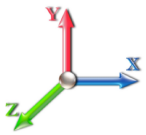
Total Applied Force Summary

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 23

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		169.44	2017.35	0.00	0.00
10.00		166.68	2101.24	0.00	0.00
15.00		163.78	2078.14	0.00	0.00
20.00		170.65	2050.85	0.00	0.00
25.00		175.55	2021.16	0.00	0.00
30.00		178.95	1989.87	0.00	0.00
35.00		181.26	1957.43	0.00	0.00
40.00		182.71	1924.12	0.00	0.00
42.75		100.29	1044.17	0.00	0.00
45.00		83.28	1393.57	0.00	0.00
49.00		148.80	2446.40	0.00	0.00
50.00		36.96	334.86	0.00	0.00
55.00		186.19	1654.50	0.00	0.00
60.00		185.56	1623.59	0.00	0.00
65.00		184.56	1592.34	0.00	0.00
70.00		183.25	1560.79	0.00	0.00
75.00		181.65	1528.98	0.00	0.00
80.00		179.78	1496.93	0.00	0.00
82.50		88.83	737.07	0.00	0.00
85.00		89.55	1153.61	0.00	0.00
87.75		97.89	1253.11	0.00	0.00
90.00		79.52	576.67	0.00	0.00
95.00		175.46	1259.46	0.00	0.00
100.00		172.80	1231.15	0.00	0.00
105.00		169.97	1202.70	0.00	0.00
110.00		166.98	1174.11	0.00	0.00
115.00		163.85	1145.39	0.00	0.00
120.00		160.57	1116.55	0.00	0.00
123.25		102.39	711.00	0.00	0.00
125.00		55.23	568.78	0.00	0.00
127.50		78.20	802.34	0.00	0.00
130.00		77.31	468.40	0.00	0.00
135.00	(11) attachments	918.11	4588.22	0.00	0.00
140.00		148.47	880.89	0.00	0.00
145.00		144.61	856.03	0.00	0.00
147.00	(26) attachments	1101.95	6457.21	0.00	0.00
150.00		83.79	457.27	0.00	0.00
155.00		136.61	740.66	0.00	0.00
157.00	(24) attachments	1423.80	7049.87	0.00	0.00
160.00		78.87	396.82	0.00	0.00
165.00		128.24	639.76	0.00	0.00
167.00	(28) attachments	1274.47	7557.67	0.00	0.00
168.00	(1) attachments	49.21	174.51	0.00	61.23
	Totals:	**10,026.04**	**74,015.50**	**0.00**	**61.23**

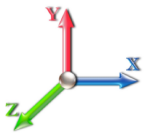
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	0.000	0.38	0.34	0.00	0.007	0.000	5.042	0.00	2.84
5.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.38	0.00	0.007	0.000	5.042	0.00	5.04
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.90	0.00	0.017	0.000	5.042	0.00	7.80
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.00	0.00	0.017	0.000	5.042	0.00	13.37
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.93	0.00	0.018	0.000	5.042	0.00	8.26
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.03	0.00	0.018	0.000	5.042	0.00	13.87
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.95	0.00	0.018	0.000	5.350	0.00	8.61
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.06	0.00	0.018	0.000	5.350	0.00	14.24
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.97	0.00	0.018	0.000	5.607	0.00	8.89
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.07	0.00	0.018	0.000	5.607	0.00	14.55
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.98	0.00	0.019	0.000	5.827	0.00	9.13
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.09	0.00	0.019	0.000	5.827	0.00	14.80
35.00	Safety Cable	Yes	5.00	0.000	0.38	1.00	0.00	0.019	0.000	6.019	0.00	9.34
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.10	0.00	0.019	0.000	6.019	0.00	15.03
40.00	Safety Cable	Yes	5.00	0.000	0.38	1.01	0.00	0.020	0.000	6.191	0.00	9.53
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.11	0.00	0.020	0.000	6.191	0.00	15.23
42.75	Safety Cable	Yes	2.75	0.000	0.38	0.56	0.00	0.020	0.000	6.278	0.00	5.29
42.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.61	0.00	0.020	0.000	6.278	0.00	8.43
45.00	Safety Cable	Yes	2.25	0.000	0.38	0.46	0.00	0.020	0.000	6.346	0.00	4.37
45.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.50	0.00	0.020	0.000	6.346	0.00	6.93
49.00	Safety Cable	Yes	4.00	0.000	0.38	0.82	0.00	0.020	0.000	6.461	0.00	7.86
49.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.90	0.00	0.020	0.000	6.461	0.00	12.43
50.00	Safety Cable	Yes	1.00	0.000	0.38	0.21	0.00	0.020	0.000	6.488	0.00	1.97
50.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.23	0.00	0.020	0.000	6.488	0.00	3.11
55.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.021	0.000	6.620	0.00	10.00
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.14	0.00	0.021	0.000	6.620	0.00	15.73
60.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.021	0.000	6.742	0.00	10.13
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.021	0.000	6.742	0.00	15.87
65.00	Safety Cable	Yes	5.00	0.000	0.38	1.05	0.00	0.022	0.000	6.857	0.00	10.25
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.022	0.000	6.857	0.00	16.00
70.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.022	0.000	6.965	0.00	10.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.16	0.00	0.022	0.000	6.965	0.00	16.12
75.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.023	0.000	7.067	0.00	10.48
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.023	0.000	7.067	0.00	16.24
80.00	Safety Cable	Yes	5.00	0.000	0.38	1.07	0.00	0.023	0.000	7.163	0.00	10.58
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.023	0.000	7.163	0.00	16.35
82.50	Safety Cable	Yes	2.50	0.000	0.38	0.54	0.00	0.024	0.000	7.210	0.00	5.32
82.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.59	0.00	0.024	0.000	7.210	0.00	8.20
85.00	Safety Cable	Yes	2.50	0.000	0.38	0.54	0.00	0.024	0.000	7.255	0.00	5.34
85.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.59	0.00	0.024	0.000	7.255	0.00	8.23
87.75	Safety Cable	Yes	2.75	0.000	0.38	0.59	0.00	0.024	0.000	7.304	0.00	5.90
87.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.65	0.00	0.024	0.000	7.304	0.00	9.08
90.00	Safety Cable	Yes	2.25	0.000	0.38	0.49	0.00	0.024	0.000	7.343	0.00	4.85
90.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.53	0.00	0.024	0.000	7.343	0.00	7.45
95.00	Safety Cable	Yes	5.00	0.000	0.38	1.08	0.00	0.025	0.000	7.427	0.00	10.86
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.025	0.000	7.427	0.00	16.65
100.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.025	0.000	7.508	0.00	10.95

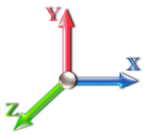
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 25	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.025	0.000	7.508	0.00	16.74
105.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.026	0.000	7.585	0.00	11.03
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.026	0.000	7.585	0.00	16.83
110.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.027	0.000	7.660	0.00	11.11
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.027	0.000	7.660	0.00	16.92
115.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.028	0.000	7.732	0.00	11.19
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.028	0.000	7.732	0.00	17.00
120.00	Safety Cable	Yes	5.00	0.000	0.38	1.11	0.00	0.029	0.000	7.802	0.00	11.26
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.029	0.000	7.802	0.00	17.08
123.25	Safety Cable	Yes	3.25	0.000	0.38	0.72	0.00	0.030	0.000	7.846	0.00	7.35
123.25	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.79	0.00	0.030	0.000	7.846	0.00	11.13
125.00	Safety Cable	Yes	1.75	0.000	0.38	0.39	0.00	0.030	0.000	7.869	0.00	3.97
125.00	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.43	0.00	0.030	0.000	7.869	0.00	6.00
127.50	Safety Cable	Yes	2.50	0.000	0.38	0.56	0.00	0.030	0.000	7.902	0.00	5.69
127.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.61	0.00	0.030	0.000	7.902	0.00	8.60
130.00	Safety Cable	Yes	2.50	0.000	0.38	0.56	0.00	0.030	0.000	7.934	0.00	5.70
130.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.61	0.00	0.030	0.000	7.934	0.00	8.61
135.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.031	0.000	7.997	0.00	11.47
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.22	0.00	0.031	0.000	7.997	0.00	17.30
140.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.032	0.000	8.059	0.00	11.54
140.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.23	0.00	0.032	0.000	8.059	0.00	17.37
145.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.034	0.000	8.119	0.00	11.60
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.23	0.00	0.034	0.000	8.119	0.00	17.43
147.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.034	0.000	8.142	0.00	4.65
147.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.034	0.000	8.142	0.00	6.98
150.00	Safety Cable	Yes	3.00	0.000	0.38	0.68	0.00	0.035	0.000	8.177	0.00	7.00
150.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.74	0.00	0.035	0.000	8.177	0.00	10.50
155.00	Safety Cable	Yes	5.00	0.000	0.38	1.13	0.00	0.036	0.000	8.233	0.00	11.72
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.24	0.00	0.036	0.000	8.233	0.00	17.56
157.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.037	0.000	8.256	0.00	4.70
157.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.037	0.000	8.256	0.00	7.04
160.00	Safety Cable	Yes	3.00	0.000	0.38	0.68	0.00	0.038	0.000	8.289	0.00	7.07
160.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.74	0.00	0.038	0.000	8.289	0.00	10.58
165.00	Safety Cable	Yes	5.00	0.000	0.38	1.14	0.00	0.039	0.000	8.343	0.00	11.84
165.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.24	0.00	0.039	0.000	8.343	0.00	17.69
167.00	Safety Cable	Yes	2.00	0.000	0.38	0.46	0.00	0.041	0.000	8.364	0.00	4.74
167.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.50	0.00	0.041	0.000	8.364	0.00	7.08
168.00	Safety Cable	Yes	1.00	0.000	0.38	0.23	0.00	0.041	0.000	8.374	0.00	2.37
168.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.25	0.00	0.041	0.000	8.374	0.00	3.54
									Totals:		**0.0**	**879.9**

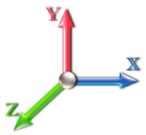
Calculated Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 26	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

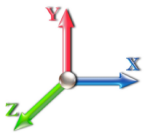
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-74.01	-10.06	0.00	-1230.6	0.00	1230.62	5501.01	1429.33	6955.59	6641.33	0.00	0.000	0.000	0.199
5.00	-71.99	-9.95	0.00	-1180.3	0.00	1180.34	5435.34	1402.52	6697.11	6438.04	0.03	-0.048	0.000	0.197
10.00	-69.88	-9.84	0.00	-1130.6	0.00	1130.60	5368.23	1375.71	6443.51	6236.09	0.10	-0.098	0.000	0.194
15.00	-67.79	-9.73	0.00	-1081.4	0.00	1081.40	5299.69	1348.90	6194.82	6035.57	0.23	-0.147	0.000	0.192
20.00	-65.73	-9.61	0.00	-1032.7	0.00	1032.75	5229.71	1322.09	5951.01	5836.57	0.41	-0.198	0.000	0.190
25.00	-63.70	-9.49	0.00	-984.69	0.00	984.69	5158.30	1295.28	5712.11	5639.20	0.65	-0.249	0.000	0.187
30.00	-61.70	-9.35	0.00	-937.26	0.00	937.26	5085.46	1268.47	5478.09	5443.55	0.94	-0.301	0.000	0.184
35.00	-59.74	-9.22	0.00	-890.50	0.00	890.50	5011.18	1241.66	5248.97	5249.72	1.28	-0.354	0.000	0.182
40.00	-57.81	-9.06	0.00	-844.42	0.00	844.42	4935.46	1214.85	5024.75	5057.82	1.68	-0.407	0.000	0.179
42.75	-56.76	-8.98	0.00	-819.50	0.00	819.50	4893.21	1200.11	4903.51	4953.12	1.92	-0.437	0.000	0.177
45.00	-55.36	-8.92	0.00	-799.29	0.00	799.29	4858.32	1188.04	4805.42	4867.93	2.14	-0.461	0.000	0.176
49.00	-52.91	-8.78	0.00	-763.61	0.00	763.61	3959.59	1016.91	4107.51	3966.92	2.54	-0.505	0.000	0.206
50.00	-52.57	-8.77	0.00	-754.83	0.00	754.83	3948.01	1012.31	4070.46	3937.31	2.65	-0.516	0.000	0.205
55.00	-50.91	-8.62	0.00	-710.98	0.00	710.98	3889.26	989.33	3887.76	3789.99	3.22	-0.577	0.000	0.201
60.00	-49.28	-8.47	0.00	-667.87	0.00	667.87	3829.07	966.35	3709.25	3643.98	3.86	-0.639	0.000	0.196
65.00	-47.68	-8.32	0.00	-625.51	0.00	625.51	3767.45	943.37	3534.93	3499.39	4.56	-0.701	0.000	0.191
70.00	-46.12	-8.17	0.00	-583.91	0.00	583.91	3704.39	920.39	3364.81	3356.32	5.33	-0.763	0.000	0.187
75.00	-44.58	-8.01	0.00	-543.07	0.00	543.07	3639.90	897.41	3198.89	3214.85	6.16	-0.825	0.000	0.181
80.00	-43.08	-7.85	0.00	-503.00	0.00	503.00	3573.98	874.43	3037.16	3075.10	7.06	-0.887	0.000	0.176
82.50	-42.34	-7.77	0.00	-483.39	0.00	483.39	3540.48	862.94	2957.86	3005.89	7.53	-0.919	0.000	0.173
85.00	-41.18	-7.69	0.00	-463.97	0.00	463.97	3506.62	851.45	2879.62	2937.15	8.02	-0.951	0.000	0.170
87.75	-39.93	-7.59	0.00	-442.83	0.00	442.83	2761.71	710.98	2409.40	2321.45	8.58	-0.986	0.000	0.205
90.00	-39.35	-7.53	0.00	-425.76	0.00	425.76	2740.07	702.36	2351.34	2275.13	9.05	-1.014	0.000	0.202
95.00	-38.08	-7.38	0.00	-388.10	0.00	388.10	2690.94	683.21	2224.87	2172.95	10.15	-1.085	0.000	0.193
100.00	-36.85	-7.23	0.00	-351.19	0.00	351.19	2640.38	664.06	2101.90	2071.89	11.32	-1.154	0.000	0.184
105.00	-35.64	-7.08	0.00	-315.05	0.00	315.05	2588.38	644.91	1982.42	1972.04	12.57	-1.222	0.000	0.174
110.00	-34.46	-6.92	0.00	-279.68	0.00	279.68	2534.95	625.76	1866.43	1873.50	13.89	-1.288	0.000	0.163
115.00	-33.31	-6.77	0.00	-245.07	0.00	245.07	2480.09	606.61	1753.94	1776.38	15.27	-1.353	0.000	0.152
120.00	-32.19	-6.61	0.00	-211.23	0.00	211.23	2423.79	587.46	1644.95	1680.76	16.72	-1.414	0.000	0.139
123.25	-31.48	-6.50	0.00	-189.75	0.00	189.75	2386.43	575.01	1575.98	1619.46	17.70	-1.452	0.000	0.130
125.00	-30.91	-6.45	0.00	-178.37	0.00	178.37	2366.06	568.31	1539.45	1586.75	18.23	-1.473	0.000	0.126
127.50	-30.11	-6.36	0.00	-162.25	0.00	162.25	1766.99	454.82	1232.50	1187.70	19.01	-1.500	0.000	0.154
130.00	-29.64	-6.30	0.00	-146.34	0.00	146.34	1747.69	447.16	1191.34	1154.80	19.80	-1.527	0.000	0.144
135.00	-25.07	-5.28	0.00	-114.87	0.00	114.87	1708.02	431.84	1111.10	1089.62	21.43	-1.583	0.000	0.120
140.00	-24.19	-5.12	0.00	-88.49	0.00	88.49	1666.92	416.52	1033.67	1025.37	23.12	-1.631	0.000	0.101
145.00	-23.34	-4.96	0.00	-62.89	0.00	62.89	1624.39	401.20	959.03	962.15	24.85	-1.671	0.000	0.080
147.00	-16.92	-3.68	0.00	-52.96	0.00	52.96	1606.97	395.07	929.95	937.18	25.55	-1.685	0.000	0.067
150.00	-16.46	-3.59	0.00	-41.93	0.00	41.93	1580.42	385.88	887.18	900.06	26.62	-1.703	0.000	0.057
155.00	-15.72	-3.43	0.00	-24.01	0.00	24.01	1535.02	370.56	818.14	839.18	28.41	-1.725	0.000	0.039
157.00	-8.72	-1.80	0.00	-17.15	0.00	17.15	1516.46	364.43	791.30	815.20	29.14	-1.731	0.000	0.027
160.00	-8.32	-1.71	0.00	-11.76	0.00	11.76	1488.18	355.24	751.89	779.63	30.23	-1.738	0.000	0.021
165.00	-7.69	-1.56	0.00	-3.23	0.00	3.23	1439.00	339.92	688.43	721.04	32.05	-1.744	0.000	0.010
167.00	-0.17	-0.05	0.00	-0.12	0.00	0.12	1413.06	333.79	663.83	695.14	32.78	-1.745	0.000	0.000
168.00	0.00	-0.05	0.00	-0.06	0.00	0.06	1400.09	330.73	651.70	682.38	33.15	-1.745	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 27

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.19	**Iterations**	22
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00



Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
5.00		1432.9	2.50	55.64	0.01	
10.00		1497.3	7.50	58.14	0.07	
15.00		1471.3	12.50	57.13	0.20	
20.00		1445.3	17.50	56.12	0.38	
25.00		1419.3	22.50	55.11	0.60	
30.00		1393.4	27.50	54.10	0.86	
35.00		1367.4	32.50	53.09	1.16	
40.00		1341.4	37.50	52.08	1.49	
42.75	Bot - Section 2	726.70	41.38	28.22	0.53	
45.00		1042.6	43.88	40.48	1.23	
49.00	Top - Section 1	1829.4	47.00	71.03	4.34	
50.00		226.86	49.50	8.81	0.07	
55.00		1120.9	52.50	43.52	2.03	
60.00		1098.6	57.50	42.66	2.34	
65.00		1076.3	62.50	41.79	2.66	
70.00		1054.0	67.50	40.93	2.97	
75.00		1031.8	72.50	40.06	3.29	
80.00		1009.5	77.50	39.20	3.59	
82.50	Bot - Section 3	496.41	81.25	19.27	0.95	
85.00		842.90	83.75	32.73	2.93	
87.75	Top - Section 2	915.40	86.38	35.54	3.67	
90.00		376.09	88.88	14.60	0.66	
95.00		822.30	92.50	31.93	3.40	
100.00		803.74	97.50	31.21	3.60	
105.00		785.17	102.50	30.49	3.80	
110.00		766.61	107.50	29.76	3.99	
115.00		748.04	112.50	29.04	4.16	
120.00		729.48	117.50	28.32	4.31	
123.25	Bot - Section 4	464.20	121.63	18.02	1.87	
125.00		404.54	124.13	15.71	1.48	
127.50	Top - Section 3	570.81	126.25	22.16	3.05	
130.00		293.95	128.75	11.41	0.84	
135.00	Appurtenance(s)	2638.6	132.50	102.45	71.76	
140.00		550.98	137.50	21.39	3.37	
145.00		536.13	142.50	20.82	3.43	
147.00	Appurtenance(s)	3580.7	146.00	139.03	160.44	
150.00		271.74	148.50	10.55	0.96	
155.00		441.03	152.50	17.12	2.66	
157.00	Appurtenance(s)	3799.4	156.00	147.52	206.23	
160.00		223.54	158.50	8.68	0.74	
165.00		360.68	162.50	14.00	2.02	
167.00	Appurtenance(s)	3966.8	166.00	154.02	254.55	
168.00	Appurtenance(s)	101.00	167.50	3.92	0.17	
	Totals:	**47,076.1**		**1,827.8**	**772.8**	**Total Wind:** **37,901.8**

Calculated Forces

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 28

Load Case: 1.2D + 1.0Ev + 1.0Eh

Iterations 22

Gust Response Factor	1.10			**Sds**	0.19			**Ss**	0.18
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**S1**	0.06
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03			**Seismic Importance Factor**	1.00

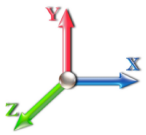
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-57.42	-0.77	0.00	-122.83	0.00	122.83	5501.01	1429.33	6955.59	6641.33		0.00	0.00	0.029
5.00	-55.65	-0.78	0.00	-118.95	0.00	118.95	5435.34	1402.52	6697.11	6438.04		0.00	0.00	0.029
10.00	-53.83	-0.78	0.00	-115.06	0.00	115.06	5368.23	1375.71	6443.51	6236.09		0.01	-0.01	0.028
15.00	-52.04	-0.79	0.00	-111.14	0.00	111.14	5299.69	1348.90	6194.82	6035.57		0.02	-0.01	0.028
20.00	-50.28	-0.79	0.00	-107.20	0.00	107.20	5229.71	1322.09	5951.01	5836.57		0.04	-0.02	0.028
25.00	-48.55	-0.79	0.00	-103.24	0.00	103.24	5158.30	1295.28	5712.11	5639.20		0.07	-0.03	0.028
30.00	-46.85	-0.80	0.00	-99.27	0.00	99.27	5085.46	1268.47	5478.09	5443.55		0.10	-0.03	0.027
35.00	-45.19	-0.80	0.00	-95.28	0.00	95.28	5011.18	1241.66	5248.97	5249.72		0.13	-0.04	0.027
40.00	-43.56	-0.80	0.00	-91.28	0.00	91.28	4935.46	1214.85	5024.75	5057.82		0.17	-0.04	0.027
42.75	-42.67	-0.80	0.00	-89.08	0.00	89.08	4893.21	1200.11	4903.51	4953.12		0.20	-0.05	0.027
45.00	-41.39	-0.80	0.00	-87.28	0.00	87.28	4858.32	1188.04	4805.42	4867.93		0.22	-0.05	0.026
49.00	-39.15	-0.80	0.00	-84.07	0.00	84.07	3959.59	1016.91	4107.51	3966.92		0.26	-0.05	0.031
50.00	-38.88	-0.80	0.00	-83.27	0.00	83.27	3948.01	1012.31	4070.46	3937.31		0.27	-0.05	0.031
55.00	-37.52	-0.80	0.00	-79.27	0.00	79.27	3889.26	989.33	3887.76	3789.99		0.33	-0.06	0.031
60.00	-36.19	-0.80	0.00	-75.26	0.00	75.26	3829.07	966.35	3709.25	3643.98		0.40	-0.07	0.030
65.00	-34.88	-0.80	0.00	-71.25	0.00	71.25	3767.45	943.37	3534.93	3499.39		0.48	-0.07	0.030
70.00	-33.61	-0.80	0.00	-67.24	0.00	67.24	3704.39	920.39	3364.81	3356.32		0.56	-0.08	0.029
75.00	-32.36	-0.80	0.00	-63.23	0.00	63.23	3639.90	897.41	3198.89	3214.85		0.65	-0.09	0.029
80.00	-31.14	-0.80	0.00	-59.23	0.00	59.23	3573.98	874.43	3037.16	3075.10		0.75	-0.10	0.028
82.50	-30.54	-0.80	0.00	-57.24	0.00	57.24	3540.48	862.94	2957.86	3005.89		0.80	-0.10	0.028
85.00	-29.51	-0.80	0.00	-55.24	0.00	55.24	3506.62	851.45	2879.62	2937.15		0.85	-0.10	0.027
87.75	-28.39	-0.79	0.00	-53.06	0.00	53.06	2761.71	710.98	2409.40	2321.45		0.91	-0.11	0.033
90.00	-27.94	-0.79	0.00	-51.28	0.00	51.28	2740.07	702.36	2351.34	2275.13		0.96	-0.11	0.033
95.00	-26.95	-0.79	0.00	-47.31	0.00	47.31	2690.94	683.21	2224.87	2172.95		1.08	-0.12	0.032
100.00	-25.99	-0.79	0.00	-43.36	0.00	43.36	2640.38	664.06	2101.90	2071.89		1.22	-0.13	0.031
105.00	-25.04	-0.79	0.00	-39.41	0.00	39.41	2588.38	644.91	1982.42	1972.04		1.35	-0.14	0.030
110.00	-24.12	-0.78	0.00	-35.47	0.00	35.47	2534.95	625.76	1866.43	1873.50		1.50	-0.15	0.028
115.00	-23.23	-0.78	0.00	-31.55	0.00	31.55	2480.09	606.61	1753.94	1776.38		1.66	-0.15	0.027
120.00	-22.35	-0.78	0.00	-27.64	0.00	27.64	2423.79	587.46	1644.95	1680.76		1.82	-0.16	0.026
123.25	-21.80	-0.78	0.00	-25.12	0.00	25.12	2386.43	575.01	1575.98	1619.46		1.94	-0.17	0.025
125.00	-21.31	-0.77	0.00	-23.76	0.00	23.76	2366.06	568.31	1539.45	1586.75		2.00	-0.17	0.024
127.50	-20.61	-0.77	0.00	-21.83	0.00	21.83	1766.99	454.82	1232.50	1187.70		2.09	-0.17	0.030
130.00	-20.27	-0.77	0.00	-19.90	0.00	19.90	1747.69	447.16	1191.34	1154.80		2.18	-0.18	0.029
135.00	-17.03	-0.69	0.00	-16.06	0.00	16.06	1708.02	431.84	1111.10	1089.62		2.37	-0.18	0.025
140.00	-16.37	-0.69	0.00	-12.61	0.00	12.61	1666.92	416.52	1033.67	1025.37		2.57	-0.19	0.022
145.00	-15.74	-0.68	0.00	-9.17	0.00	9.17	1624.39	401.20	959.03	962.15		2.77	-0.20	0.019
147.00	-11.31	-0.51	0.00	-7.81	0.00	7.81	1606.97	395.07	929.95	937.18		2.85	-0.20	0.015
150.00	-10.98	-0.51	0.00	-6.29	0.00	6.29	1580.42	385.88	887.18	900.06		2.98	-0.20	0.014
155.00	-10.45	-0.50	0.00	-3.76	0.00	3.76	1535.02	370.56	818.14	839.18		3.19	-0.20	0.011
157.00	-5.75	-0.28	0.00	-2.76	0.00	2.76	1516.46	364.43	791.30	815.20		3.28	-0.21	0.007
160.00	-5.48	-0.28	0.00	-1.93	0.00	1.93	1488.18	355.24	751.89	779.63		3.41	-0.21	0.006
165.00	-5.04	-0.27	0.00	-0.55	0.00	0.55	1439.00	339.92	688.43	721.04		3.62	-0.21	0.004
167.00	-0.12	0.00	0.00	0.00	0.00	0.00	1413.06	333.79	663.83	695.14		3.71	-0.21	0.000
168.00	0.00	0.00	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38		3.76	-0.21	0.000

Seismic Segment Forces (Factored)

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 29

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.19	**Iterations**	22
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00



Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	
5.00		1417.8	2.50	55.05	0.01	
10.00		1459.6	7.50	56.67	0.07	
15.00		1433.7	12.50	55.67	0.19	
20.00		1407.7	17.50	54.66	0.36	
25.00		1381.7	22.50	53.65	0.58	
30.00		1355.7	27.50	52.64	0.83	
35.00		1329.7	32.50	51.63	1.11	
40.00		1303.7	37.50	50.62	1.42	
42.75	Bot - Section 2	705.98	41.38	27.41	0.51	
45.00		1025.6	43.88	39.82	1.21	
49.00	Top - Section 1	1799.2	47.00	69.86	4.26	
50.00		219.32	49.50	8.52	0.07	
55.00		1083.2	52.50	42.06	1.92	
60.00		1060.9	57.50	41.19	2.21	
65.00		1038.7	62.50	40.33	2.51	
70.00		1016.4	67.50	39.46	2.80	
75.00		994.15	72.50	38.60	3.09	
80.00		971.87	77.50	37.73	3.38	
82.50	Bot - Section 3	477.58	81.25	18.54	0.90	
85.00		824.07	83.75	32.00	2.83	
87.75	Top - Section 2	894.68	86.38	34.74	3.55	
90.00		359.14	88.88	13.94	0.61	
95.00		784.63	92.50	30.46	3.13	
100.00		766.07	97.50	29.74	3.32	
105.00		747.50	102.50	29.02	3.49	
110.00		728.94	107.50	28.30	3.65	
115.00		710.37	112.50	27.58	3.80	
120.00		691.81	117.50	26.86	3.93	
123.25	Bot - Section 4	439.72	121.63	17.07	1.70	
125.00		391.36	124.13	15.20	1.40	
127.50	Top - Section 3	551.98	126.25	21.43	2.89	
130.00		275.11	128.75	10.68	0.75	
135.00	Appurtenance(s)	2600.9	132.50	100.99	70.68	
140.00		516.04	137.50	20.04	3.00	
145.00		501.19	142.50	19.46	3.04	
147.00	Appurtenance(s)	3566.7	146.00	138.49	161.38	
150.00		260.59	148.50	10.12	0.89	
155.00		422.44	152.50	16.40	2.47	
157.00	Appurtenance(s)	3792.0	156.00	147.23	208.25	
160.00		219.98	158.50	8.54	0.72	
165.00		354.75	162.50	13.77	1.98	
167.00	Appurtenance(s)	3964.4	166.00	153.93	257.75	
168.00	Appurtenance(s)	100.60	167.50	3.91	0.17	
	Totals:	**45,948.3**		**1,784.0**	**772.8**	**Total Wind:** **37,901.8**

Calculated Forces

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 30

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.19			**Iterations**	22
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.18
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.31	**SA**	0.03			**S1**	0.06
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-43.48	-0.77	0.00	-121.37	0.00	121.37	5501.01	1429.33	6955.59	6641.33		0.00	0.00	0.026
5.00	-42.14	-0.78	0.00	-117.50	0.00	117.50	5435.34	1402.52	6697.11	6438.04		0.00	0.00	0.026
10.00	-40.76	-0.78	0.00	-113.61	0.00	113.61	5368.23	1375.71	6443.51	6236.09		0.01	-0.01	0.026
15.00	-39.40	-0.78	0.00	-109.71	0.00	109.71	5299.69	1348.90	6194.82	6035.57		0.02	-0.01	0.026
20.00	-38.07	-0.79	0.00	-105.79	0.00	105.79	5229.71	1322.09	5951.01	5836.57		0.04	-0.02	0.025
25.00	-36.76	-0.79	0.00	-101.85	0.00	101.85	5158.30	1295.28	5712.11	5639.20		0.06	-0.03	0.025
30.00	-35.48	-0.79	0.00	-97.91	0.00	97.91	5085.46	1268.47	5478.09	5443.55		0.09	-0.03	0.025
35.00	-34.22	-0.79	0.00	-93.96	0.00	93.96	5011.18	1241.66	5248.97	5249.72		0.13	-0.04	0.025
40.00	-32.98	-0.79	0.00	-90.00	0.00	90.00	4935.46	1214.85	5024.75	5057.82		0.17	-0.04	0.024
42.75	-32.31	-0.79	0.00	-87.82	0.00	87.82	4893.21	1200.11	4903.51	4953.12		0.19	-0.04	0.024
45.00	-31.34	-0.79	0.00	-86.03	0.00	86.03	4858.32	1188.04	4805.42	4867.93		0.22	-0.05	0.024
49.00	-29.64	-0.79	0.00	-82.86	0.00	82.86	3959.59	1016.91	4107.51	3966.92		0.26	-0.05	0.028
50.00	-29.44	-0.79	0.00	-82.07	0.00	82.07	3948.01	1012.31	4070.46	3937.31		0.27	-0.05	0.028
55.00	-28.41	-0.79	0.00	-78.12	0.00	78.12	3889.26	989.33	3887.76	3789.99		0.33	-0.06	0.028
60.00	-27.40	-0.79	0.00	-74.16	0.00	74.16	3829.07	966.35	3709.25	3643.98		0.40	-0.07	0.028
65.00	-26.41	-0.79	0.00	-70.21	0.00	70.21	3767.45	943.37	3534.93	3499.39		0.47	-0.07	0.027
70.00	-25.45	-0.79	0.00	-66.25	0.00	66.25	3704.39	920.39	3364.81	3356.32		0.55	-0.08	0.027
75.00	-24.50	-0.79	0.00	-62.31	0.00	62.31	3639.90	897.41	3198.89	3214.85		0.64	-0.09	0.026
80.00	-23.58	-0.79	0.00	-58.36	0.00	58.36	3573.98	874.43	3037.16	3075.10		0.74	-0.10	0.026
82.50	-23.13	-0.79	0.00	-56.40	0.00	56.40	3540.48	862.94	2957.86	3005.89		0.79	-0.10	0.025
85.00	-22.35	-0.78	0.00	-54.44	0.00	54.44	3506.62	851.45	2879.62	2937.15		0.84	-0.10	0.025
87.75	-21.50	-0.78	0.00	-52.28	0.00	52.28	2761.71	710.98	2409.40	2321.45		0.90	-0.11	0.030
90.00	-21.16	-0.78	0.00	-50.53	0.00	50.53	2740.07	702.36	2351.34	2275.13		0.95	-0.11	0.030
95.00	-20.41	-0.78	0.00	-46.63	0.00	46.63	2690.94	683.21	2224.87	2172.95		1.07	-0.12	0.029
100.00	-19.68	-0.78	0.00	-42.74	0.00	42.74	2640.38	664.06	2101.90	2071.89		1.20	-0.13	0.028
105.00	-18.97	-0.77	0.00	-38.86	0.00	38.86	2588.38	644.91	1982.42	1972.04		1.34	-0.14	0.027
110.00	-18.27	-0.77	0.00	-34.99	0.00	34.99	2534.95	625.76	1866.43	1873.50		1.48	-0.14	0.026
115.00	-17.59	-0.77	0.00	-31.13	0.00	31.13	2480.09	606.61	1753.94	1776.38		1.64	-0.15	0.025
120.00	-16.93	-0.76	0.00	-27.29	0.00	27.29	2423.79	587.46	1644.95	1680.76		1.80	-0.16	0.023
123.25	-16.51	-0.76	0.00	-24.81	0.00	24.81	2386.43	575.01	1575.98	1619.46		1.91	-0.16	0.022
125.00	-16.14	-0.76	0.00	-23.47	0.00	23.47	2366.06	568.31	1539.45	1586.75		1.97	-0.17	0.022
127.50	-15.62	-0.76	0.00	-21.57	0.00	21.57	1766.99	454.82	1232.50	1187.70		2.06	-0.17	0.027
130.00	-15.35	-0.76	0.00	-19.67	0.00	19.67	1747.69	447.16	1191.34	1154.80		2.15	-0.17	0.026
135.00	-12.90	-0.68	0.00	-15.89	0.00	15.89	1708.02	431.84	1111.10	1089.62		2.34	-0.18	0.022
140.00	-12.40	-0.68	0.00	-12.48	0.00	12.48	1666.92	416.52	1033.67	1025.37		2.53	-0.19	0.020
145.00	-11.92	-0.67	0.00	-9.09	0.00	9.09	1624.39	401.20	959.03	962.15		2.73	-0.19	0.017
147.00	-8.57	-0.50	0.00	-7.74	0.00	7.74	1606.97	395.07	929.95	937.18		2.81	-0.20	0.014
150.00	-8.32	-0.50	0.00	-6.24	0.00	6.24	1580.42	385.88	887.18	900.06		2.94	-0.20	0.012
155.00	-7.92	-0.50	0.00	-3.74	0.00	3.74	1535.02	370.56	818.14	839.18		3.15	-0.20	0.010
157.00	-4.36	-0.28	0.00	-2.74	0.00	2.74	1516.46	364.43	791.30	815.20		3.23	-0.20	0.006
160.00	-4.15	-0.27	0.00	-1.92	0.00	1.92	1488.18	355.24	751.89	779.63		3.36	-0.20	0.005
165.00	-3.82	-0.27	0.00	-0.54	0.00	0.54	1439.00	339.92	688.43	721.04		3.58	-0.21	0.003
167.00	-0.09	0.00	0.00	0.00	0.00	0.00	1413.06	333.79	663.83	695.14		3.66	-0.21	0.000
168.00	0.00	0.00	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38		3.70	-0.21	0.000

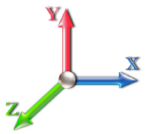
Wind Loading - Shaft

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	6.497	7.15	273.21	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	6.497	7.15	268.12	0.730	0.000	5.00	24.768	18.08	129.2	0.0	1372.7
10.00		1.00	0.85	6.497	7.15	263.04	0.730	0.000	5.00	24.302	17.74	126.8	0.0	1346.7
15.00		1.00	0.85	6.497	7.15	257.95	0.730	0.000	5.00	23.837	17.40	124.4	0.0	1320.7
20.00		1.00	0.90	6.893	7.58	260.47	0.730	0.000	5.00	23.372	17.06	129.4	0.0	1294.7
25.00		1.00	0.95	7.225	7.95	261.29	0.730	0.000	5.00	22.906	16.72	132.9	0.0	1268.7
30.00		1.00	0.98	7.507	8.26	260.89	0.730	0.000	5.00	22.441	16.38	135.3	0.0	1242.7
35.00		1.00	1.01	7.755	8.53	259.60	0.730	0.000	5.00	21.975	16.04	136.8	0.0	1216.7
40.00		1.00	1.04	7.976	8.77	257.64	0.730	0.000	5.00	21.510	15.70	137.8	0.0	1190.7
42.75	Bot - Section 2	1.00	1.06	8.089	8.90	256.32	0.730	0.000	2.75	11.632	8.49	75.6	0.0	643.8
45.00		1.00	1.07	8.176	8.99	255.14	0.730	0.000	2.25	9.555	6.98	62.7	0.0	974.8
49.00	Top - Section 1	1.00	1.09	8.324	9.16	252.83	0.730	0.000	4.00	16.754	12.23	112.0	0.0	1708.9
50.00		1.00	1.09	8.360	9.20	256.15	0.730	0.000	1.00	4.142	3.02	27.8	0.0	196.7
55.00		1.00	1.12	8.529	9.38	252.91	0.730	0.000	5.00	20.431	14.91	139.9	0.0	970.2
60.00		1.00	1.14	8.687	9.56	249.35	0.730	0.000	5.00	19.965	14.57	139.3	0.0	948.0
65.00		1.00	1.16	8.835	9.72	245.53	0.730	0.000	5.00	19.500	14.23	138.3	0.0	925.7
70.00		1.00	1.17	8.973	9.87	241.47	0.730	0.000	5.00	19.034	13.89	137.2	0.0	903.4
75.00		1.00	1.19	9.105	10.02	237.21	0.730	0.000	5.00	18.569	13.56	135.8	0.0	881.1
80.00		1.00	1.21	9.229	10.15	232.77	0.730	0.000	5.00	18.103	13.22	134.2	0.0	858.9
82.50	Bot - Section 3	1.00	1.22	9.289	10.22	230.48	0.730	0.000	2.50	8.877	6.48	66.2	0.0	421.1
85.00		1.00	1.22	9.348	10.28	228.16	0.730	0.000	2.50	8.893	6.49	66.8	0.0	767.6
87.75	Top - Section 2	1.00	1.23	9.411	10.35	225.55	0.730	0.000	2.75	9.648	7.04	72.9	0.0	832.5
90.00		1.00	1.24	9.461	10.41	226.88	0.730	0.000	2.25	7.789	5.69	59.2	0.0	308.3
95.00		1.00	1.25	9.569	10.53	222.00	0.730	0.000	5.00	16.971	12.39	130.4	0.0	671.6
100.00		1.00	1.27	9.673	10.64	217.00	0.730	0.000	5.00	16.506	12.05	128.2	0.0	653.1
105.00		1.00	1.28	9.773	10.75	211.88	0.730	0.000	5.00	16.040	11.71	125.9	0.0	634.5
110.00		1.00	1.29	9.869	10.86	206.65	0.730	0.000	5.00	15.575	11.37	123.4	0.0	615.9
115.00		1.00	1.30	9.962	10.96	201.32	0.730	0.000	5.00	15.109	11.03	120.9	0.0	597.4
120.00		1.00	1.32	10.052	11.06	195.89	0.730	0.000	5.00	14.644	10.69	118.2	0.0	578.8
123.25	Bot - Section 4	1.00	1.32	10.108	11.12	192.32	0.730	0.000	3.25	9.269	6.77	75.2	0.0	366.3
125.00		1.00	1.33	10.138	11.15	190.38	0.730	0.000	1.75	4.984	3.64	40.6	0.0	351.8
127.50	Top - Section 3	1.00	1.33	10.181	11.20	187.60	0.730	0.000	2.50	7.020	5.12	57.4	0.0	495.5
130.00		1.00	1.34	10.223	11.24	187.69	0.730	0.000	2.50	6.904	5.04	56.7	0.0	218.6
135.00	Appurtenance(s)	1.00	1.35	10.304	11.33	182.03	0.730	0.000	5.00	13.459	9.83	111.4	0.0	426.1
140.00		1.00	1.36	10.383	11.42	176.30	0.730	0.000	5.00	12.994	9.49	108.3	0.0	411.2
145.00		1.00	1.37	10.460	11.51	170.50	0.730	0.000	5.00	12.528	9.15	105.2	0.0	396.4
147.00	Appurtenance(s)	1.00	1.37	10.490	11.54	168.16	0.730	0.000	2.00	4.881	3.56	41.1	0.0	154.4
150.00		1.00	1.38	10.535	11.59	164.63	0.730	0.000	3.00	7.182	5.24	60.8	0.0	227.1
155.00		1.00	1.39	10.608	11.67	158.70	0.730	0.000	5.00	11.597	8.47	98.8	0.0	366.7
157.00	Appurtenance(s)	1.00	1.39	10.637	11.70	156.31	0.730	0.000	2.00	4.509	3.29	38.5	0.0	142.5
160.00		1.00	1.40	10.679	11.75	152.71	0.730	0.000	3.00	6.623	4.83	56.8	0.0	209.3
165.00		1.00	1.41	10.749	11.82	146.66	0.730	0.000	5.00	10.666	7.79	92.1	0.0	337.0
167.00	Appurtenance(s)	1.00	1.41	10.776	11.85	144.23	0.730	0.000	2.00	4.136	3.02	35.8	0.0	130.6
168.00	Appurtenance(s)	1.00	1.41	10.790	11.87	143.00	0.730	0.000	1.00	2.040	1.49	17.7	0.0	64.4
								Totals:	**168.00**			**4,163.5**		**29,643.8**

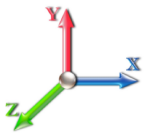
Discrete Appurtenance Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 32	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	168.00	Lightning Rod	1	10.823	11.905	1.00	1.00	1.05	35.00	0.000	2.500	12.50	0.00	31.25
2	167.00	Commscope	3	10.776	11.854	0.55	0.75	20.15	254.10	0.000	0.000	238.89	0.00	0.00
3	167.00	V-Brace Kit (Site Pro	1	10.776	11.854	1.00	1.00	6.70	230.00	0.000	0.000	79.42	0.00	0.00
4	167.00	Pipe2.0STD x 15'	1	10.776	11.854	0.75	0.75	5.06	261.72	0.000	0.000	60.01	0.00	0.00
5	167.00	RFS APXVTM14-C-I20	3	10.776	11.854	0.58	0.75	11.13	168.00	0.000	0.000	131.89	0.00	0.00
6	167.00	Pipe2.0STD Mount Pipes	6	10.776	11.854	0.60	0.75	5.15	240.00	0.000	0.000	61.02	0.00	0.00
7	167.00	ALU 800 Mhz RRU's	6	10.776	11.854	0.50	0.75	6.42	318.00	0.000	0.000	76.12	0.00	0.00
8	167.00	ALU TD-RRH8x20-25	3	10.776	11.854	0.50	0.75	6.11	210.00	0.000	0.000	72.37	0.00	0.00
9	167.00	Reinforcement Kit (Site	1	10.776	11.854	0.75	0.75	7.13	464.91	0.000	0.000	84.46	0.00	0.00
10	167.00	Low Profile Platform	1	10.776	11.854	1.00	1.00	22.00	1500.00	0.000	0.000	260.78	0.00	0.00
11	167.00	ALU 1900 Mhz RRU's	3	10.776	11.854	0.50	0.75	3.59	180.00	0.000	0.000	42.53	0.00	0.00
12	157.00	Samsung MT6407-77A	3	10.637	11.701	0.52	0.75	7.40	261.30	0.000	0.000	86.61	0.00	0.00
13	157.00	Commscope	3	10.637	11.701	0.62	0.75	15.26	116.40	0.000	0.000	178.52	0.00	0.00
14	157.00	JMA Wireless	6	10.637	11.701	0.65	0.75	38.64	360.00	0.000	0.000	452.12	0.00	0.00
15	157.00	Raycap	1	10.637	11.701	0.50	0.75	2.04	32.00	0.000	0.000	23.87	0.00	0.00
16	157.00	Samsung B2/B66A RRU's	3	10.637	11.701	0.62	0.75	3.51	253.20	0.000	0.000	41.08	0.00	0.00
17	157.00	Samsung B5/B13 RRU's	3	10.637	11.701	0.58	0.75	3.26	210.90	0.000	0.000	38.11	0.00	0.00
18	157.00	Platform w/ Hand Rails	1	10.637	11.701	1.00	1.00	47.40	2323.00	0.000	0.000	554.60	0.00	0.00
19	157.00	Kaelus	4	10.637	11.701	0.61	0.75	2.36	70.40	0.000	0.000	27.63	0.00	0.00
20	147.00	RFS	3	10.490	11.540	0.54	0.75	32.79	384.00	0.000	0.000	378.37	0.00	0.00
21	147.00	AIR6449 B41	3	10.490	11.540	0.53	0.75	9.03	309.00	0.000	0.000	104.15	0.00	0.00
22	147.00	VV-65A-R1	3	10.490	11.540	0.55	0.75	13.15	71.43	0.000	0.000	151.79	0.00	0.00
23	147.00	4449 B71 + B85	3	10.490	11.540	0.50	0.75	2.97	225.00	0.000	0.000	34.27	0.00	0.00
24	147.00	4460 B25 + B66	3	10.490	11.540	0.50	0.75	4.30	312.00	0.000	0.000	49.58	0.00	0.00
25	147.00	Ericsson KRY 112 489/2	3	10.490	11.540	0.45	0.75	0.76	46.20	0.000	0.000	8.72	0.00	0.00
26	147.00	Allen Telecom	3	10.490	11.540	0.45	0.75	0.73	52.50	0.000	0.000	8.41	0.00	0.00
27	147.00	Kathrein 782 11056 Bias	3	10.490	11.540	0.45	0.75	0.20	5.40	0.000	0.000	2.34	0.00	0.00
28	147.00	Low Profile Platform	1	10.490	11.540	1.00	1.00	22.00	1500.00	0.000	0.000	253.87	0.00	0.00
29	147.00	Reinforcement Kit (Site	1	10.490	11.540	1.00	1.00	9.50	464.91	0.000	0.000	109.63	0.00	0.00
30	135.00	Platform w/HRK	1	10.304	11.334	1.00	1.00	33.60	1411.00	0.000	0.000	380.84	0.00	0.00
31	135.00	Raycap	1	10.304	11.334	0.50	0.75	1.01	21.85	0.000	0.000	11.45	0.00	0.00
32	135.00	Fujitsu TA08025-B604	3	10.304	11.334	0.50	0.75	2.95	191.79	0.000	0.000	33.49	0.00	0.00
33	135.00	Fujitsu TA08025-B605	3	10.304	11.334	0.50	0.75	2.95	224.85	0.000	0.000	33.49	0.00	0.00
34	135.00	FFVV-65B-R2	3	10.304	11.334	0.55	0.75	20.43	212.40	0.000	0.000	231.56	0.00	0.00
							Totals:		**12,921.26**			**4,314.49**		

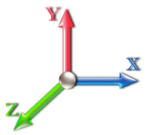
Total Applied Force Summary

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 33

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		129.21	1422.90	0.00	0.00
10.00		126.78	1472.25	0.00	0.00
15.00		124.35	1446.26	0.00	0.00
20.00		129.37	1420.27	0.00	0.00
25.00		132.89	1394.27	0.00	0.00
30.00		135.28	1368.28	0.00	0.00
35.00		136.85	1342.29	0.00	0.00
40.00		137.77	1316.30	0.00	0.00
42.75		75.55	712.89	0.00	0.00
45.00		62.74	1031.33	0.00	0.00
49.00		111.99	1809.34	0.00	0.00
50.00		27.80	221.84	0.00	0.00
55.00		139.93	1095.81	0.00	0.00
60.00		139.27	1073.54	0.00	0.00
65.00		138.33	1051.26	0.00	0.00
70.00		137.15	1028.98	0.00	0.00
75.00		135.76	1006.70	0.00	0.00
80.00		134.17	984.42	0.00	0.00
82.50		66.22	483.86	0.00	0.00
85.00		66.75	830.34	0.00	0.00
87.75		72.91	901.58	0.00	0.00
90.00		59.17	364.79	0.00	0.00
95.00		130.41	797.19	0.00	0.00
100.00		128.21	778.62	0.00	0.00
105.00		125.88	760.06	0.00	0.00
110.00		123.43	741.49	0.00	0.00
115.00		120.87	722.93	0.00	0.00
120.00		118.20	704.36	0.00	0.00
123.25		75.24	447.88	0.00	0.00
125.00		40.57	395.75	0.00	0.00
127.50		57.39	558.26	0.00	0.00
130.00		56.67	281.39	0.00	0.00
135.00	(11) attachments	802.19	2613.53	0.00	0.00
140.00		108.34	527.69	0.00	0.00
145.00		105.23	512.84	0.00	0.00
147.00	(26) attachments	1142.24	3571.42	0.00	0.00
150.00		60.76	264.31	0.00	0.00
155.00		98.79	428.63	0.00	0.00
157.00	(24) attachments	1441.06	3794.49	0.00	0.00
160.00		56.80	221.17	0.00	0.00
165.00		92.06	356.73	0.00	0.00
167.00	(28) attachments	1143.28	3965.26	0.00	0.00
168.00	(1) attachments	30.18	100.74	0.00	31.25
	Totals:	**8,478.02**	**46,324.22**	**0.00**	**31.25**

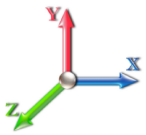
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 34	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.007	0.000	6.497	0.00	0.55
5.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.007	0.000	6.497	0.00	2.08
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	6.497	0.00	1.37
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	6.497	0.00	5.20
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	6.497	0.00	1.37
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	6.497	0.00	5.20
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	6.893	0.00	1.37
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	6.893	0.00	5.20
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	7.225	0.00	1.37
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	7.225	0.00	5.20
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	7.507	0.00	1.37
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	7.507	0.00	5.20
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	7.755	0.00	1.37
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	7.755	0.00	5.20
40.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	7.976	0.00	1.37
40.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	7.976	0.00	5.20
42.75	Safety Cable	Yes	2.75	0.000	0.38	0.09	0.00	0.020	0.000	8.089	0.00	0.75
42.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.14	0.00	0.020	0.000	8.089	0.00	2.86
45.00	Safety Cable	Yes	2.25	0.000	0.38	0.07	0.00	0.020	0.000	8.176	0.00	0.61
45.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.12	0.00	0.020	0.000	8.176	0.00	2.34
49.00	Safety Cable	Yes	4.00	0.000	0.38	0.13	0.00	0.020	0.000	8.324	0.00	1.09
49.00	Step bolts (ladder)	Yes	4.00	0.000	0.63	0.21	0.00	0.020	0.000	8.324	0.00	4.16
50.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.020	0.000	8.360	0.00	0.27
50.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.020	0.000	8.360	0.00	1.04
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	8.529	0.00	1.37
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	8.529	0.00	5.20
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	8.687	0.00	1.37
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	8.687	0.00	5.20
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	8.835	0.00	1.37
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	8.835	0.00	5.20
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	8.973	0.00	1.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	8.973	0.00	5.20
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	9.105	0.00	1.37
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	9.105	0.00	5.20
80.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	9.229	0.00	1.37
80.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	9.229	0.00	5.20
82.50	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.024	0.000	9.289	0.00	0.68
82.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.024	0.000	9.289	0.00	2.60
85.00	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.024	0.000	9.348	0.00	0.68
85.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.024	0.000	9.348	0.00	2.60
87.75	Safety Cable	Yes	2.75	0.000	0.38	0.09	0.00	0.024	0.000	9.411	0.00	0.75
87.75	Step bolts (ladder)	Yes	2.75	0.000	0.63	0.14	0.00	0.024	0.000	9.411	0.00	2.86
90.00	Safety Cable	Yes	2.25	0.000	0.38	0.07	0.00	0.024	0.000	9.461	0.00	0.61
90.00	Step bolts (ladder)	Yes	2.25	0.000	0.63	0.12	0.00	0.024	0.000	9.461	0.00	2.34
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	9.569	0.00	1.37
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	9.569	0.00	5.20
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	9.673	0.00	1.37

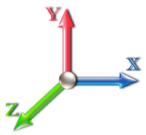
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 35	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	9.673	0.00	5.20
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	9.773	0.00	1.37
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	9.773	0.00	5.20
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.027	0.000	9.869	0.00	1.37
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.027	0.000	9.869	0.00	5.20
115.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	9.962	0.00	1.37
115.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	9.962	0.00	5.20
120.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.029	0.000	10.052	0.00	1.37
120.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.029	0.000	10.052	0.00	5.20
123.25	Safety Cable	Yes	3.25	0.000	0.38	0.10	0.00	0.030	0.000	10.108	0.00	0.89
123.25	Step bolts (ladder)	Yes	3.25	0.000	0.63	0.17	0.00	0.030	0.000	10.108	0.00	3.38
125.00	Safety Cable	Yes	1.75	0.000	0.38	0.06	0.00	0.030	0.000	10.138	0.00	0.48
125.00	Step bolts (ladder)	Yes	1.75	0.000	0.63	0.09	0.00	0.030	0.000	10.138	0.00	1.82
127.50	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.030	0.000	10.181	0.00	0.68
127.50	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.030	0.000	10.181	0.00	2.60
130.00	Safety Cable	Yes	2.50	0.000	0.38	0.08	0.00	0.030	0.000	10.223	0.00	0.68
130.00	Step bolts (ladder)	Yes	2.50	0.000	0.63	0.13	0.00	0.030	0.000	10.223	0.00	2.60
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	10.304	0.00	1.37
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	10.304	0.00	5.20
140.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.032	0.000	10.383	0.00	1.37
140.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.032	0.000	10.383	0.00	5.20
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.034	0.000	10.460	0.00	1.37
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.034	0.000	10.460	0.00	5.20
147.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.034	0.000	10.490	0.00	0.55
147.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.034	0.000	10.490	0.00	2.08
150.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.035	0.000	10.535	0.00	0.82
150.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.035	0.000	10.535	0.00	3.12
155.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	10.608	0.00	1.37
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	10.608	0.00	5.20
157.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.037	0.000	10.637	0.00	0.55
157.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.037	0.000	10.637	0.00	2.08
160.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.038	0.000	10.679	0.00	0.82
160.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.038	0.000	10.679	0.00	3.12
165.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.039	0.000	10.749	0.00	1.37
165.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.039	0.000	10.749	0.00	5.20
167.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.041	0.000	10.776	0.00	0.55
167.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.041	0.000	10.776	0.00	2.08
168.00	Safety Cable	Yes	1.00	0.000	0.38	0.03	0.00	0.041	0.000	10.790	0.00	0.27
168.00	Step bolts (ladder)	Yes	1.00	0.000	0.63	0.05	0.00	0.041	0.000	10.790	0.00	1.04
									Totals:		**0.0**	**216.6**

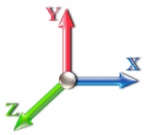
Calculated Forces

Structure:	CT02217-S	**Code:**	TIA-222-H	7/24/2023	
Site Name:	Pomfret School	**Exposure:**	C		
Height:	168.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 36	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 24

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-46.32	-8.49	0.00	-1045.5	0.00	1045.54	5501.01	1429.33	6955.59	6641.33	0.00	0.000	0.000	0.166
5.00	-44.89	-8.40	0.00	-1003.0	0.00	1003.07	5435.34	1402.52	6697.11	6438.04	0.02	-0.041	0.000	0.164
10.00	-43.41	-8.30	0.00	-961.08	0.00	961.08	5368.23	1375.71	6443.51	6236.09	0.09	-0.083	0.000	0.162
15.00	-41.96	-8.21	0.00	-919.58	0.00	919.58	5299.69	1348.90	6194.82	6035.57	0.20	-0.125	0.000	0.160
20.00	-40.54	-8.10	0.00	-878.55	0.00	878.55	5229.71	1322.09	5951.01	5836.57	0.35	-0.168	0.000	0.158
25.00	-39.14	-8.00	0.00	-838.04	0.00	838.04	5158.30	1295.28	5712.11	5639.20	0.55	-0.212	0.000	0.156
30.00	-37.76	-7.88	0.00	-798.07	0.00	798.07	5085.46	1268.47	5478.09	5443.55	0.80	-0.256	0.000	0.154
35.00	-36.41	-7.77	0.00	-758.65	0.00	758.65	5011.18	1241.66	5248.97	5249.72	1.09	-0.301	0.000	0.152
40.00	-35.09	-7.65	0.00	-719.81	0.00	719.81	4935.46	1214.85	5024.75	5057.82	1.43	-0.346	0.000	0.149
42.75	-34.38	-7.58	0.00	-698.78	0.00	698.78	4893.21	1200.11	4903.51	4953.12	1.64	-0.372	0.000	0.148
45.00	-33.34	-7.53	0.00	-681.73	0.00	681.73	4858.32	1188.04	4805.42	4867.93	1.82	-0.393	0.000	0.147
49.00	-31.53	-7.41	0.00	-651.62	0.00	651.62	3959.59	1016.91	4107.51	3966.92	2.16	-0.430	0.000	0.172
50.00	-31.31	-7.40	0.00	-644.21	0.00	644.21	3948.01	1012.31	4070.46	3937.31	2.25	-0.440	0.000	0.172
55.00	-30.21	-7.28	0.00	-607.20	0.00	607.20	3889.26	989.33	3887.76	3789.99	2.74	-0.492	0.000	0.168
60.00	-29.13	-7.16	0.00	-570.80	0.00	570.80	3829.07	966.35	3709.25	3643.98	3.28	-0.544	0.000	0.164
65.00	-28.07	-7.04	0.00	-535.00	0.00	535.00	3767.45	943.37	3534.93	3499.39	3.88	-0.597	0.000	0.160
70.00	-27.04	-6.91	0.00	-499.83	0.00	499.83	3704.39	920.39	3364.81	3356.32	4.54	-0.650	0.000	0.156
75.00	-26.03	-6.79	0.00	-465.27	0.00	465.27	3639.90	897.41	3198.89	3214.85	5.25	-0.703	0.000	0.152
80.00	-25.04	-6.66	0.00	-431.32	0.00	431.32	3573.98	874.43	3037.16	3075.10	6.01	-0.757	0.000	0.147
82.50	-24.55	-6.60	0.00	-414.67	0.00	414.67	3540.48	862.94	2957.86	3005.89	6.41	-0.784	0.000	0.145
85.00	-23.72	-6.53	0.00	-398.17	0.00	398.17	3506.62	851.45	2879.62	2937.15	6.83	-0.811	0.000	0.142
87.75	-22.82	-6.46	0.00	-380.21	0.00	380.21	2761.71	710.98	2409.40	2321.45	7.31	-0.841	0.000	0.172
90.00	-22.45	-6.41	0.00	-365.68	0.00	365.68	2740.07	702.36	2351.34	2275.13	7.71	-0.866	0.000	0.169
95.00	-21.65	-6.29	0.00	-333.63	0.00	333.63	2690.94	683.21	2224.87	2172.95	8.65	-0.926	0.000	0.162
100.00	-20.86	-6.17	0.00	-302.19	0.00	302.19	2640.38	664.06	2101.90	2071.89	9.65	-0.986	0.000	0.154
105.00	-20.10	-6.05	0.00	-271.34	0.00	271.34	2588.38	644.91	1982.42	1972.04	10.72	-1.045	0.000	0.145
110.00	-19.35	-5.93	0.00	-241.09	0.00	241.09	2534.95	625.76	1866.43	1873.50	11.84	-1.102	0.000	0.136
115.00	-18.63	-5.82	0.00	-211.42	0.00	211.42	2480.09	606.61	1753.94	1776.38	13.03	-1.157	0.000	0.127
120.00	-17.92	-5.70	0.00	-182.35	0.00	182.35	2423.79	587.46	1644.95	1680.76	14.27	-1.210	0.000	0.116
123.25	-17.47	-5.62	0.00	-163.84	0.00	163.84	2386.43	575.01	1575.98	1619.46	15.10	-1.243	0.000	0.109
125.00	-17.08	-5.58	0.00	-154.01	0.00	154.01	2366.06	568.31	1539.45	1586.75	15.56	-1.261	0.000	0.104
127.50	-16.52	-5.51	0.00	-140.07	0.00	140.07	1766.99	454.82	1232.50	1187.70	16.23	-1.285	0.000	0.127
130.00	-16.23	-5.46	0.00	-126.29	0.00	126.29	1747.69	447.16	1191.34	1154.80	16.91	-1.307	0.000	0.119
135.00	-13.64	-4.61	0.00	-98.99	0.00	98.99	1708.02	431.84	1111.10	1089.62	18.30	-1.356	0.000	0.099
140.00	-13.11	-4.50	0.00	-75.95	0.00	75.95	1666.92	416.52	1033.67	1025.37	19.75	-1.397	0.000	0.082
145.00	-12.60	-4.38	0.00	-53.47	0.00	53.47	1624.39	401.20	959.03	962.15	21.23	-1.432	0.000	0.063
147.00	-9.05	-3.15	0.00	-44.71	0.00	44.71	1606.97	395.07	929.95	937.18	21.83	-1.443	0.000	0.053
150.00	-8.79	-3.09	0.00	-35.25	0.00	35.25	1580.42	385.88	887.18	900.06	22.74	-1.458	0.000	0.045
155.00	-8.36	-2.98	0.00	-19.81	0.00	19.81	1535.02	370.56	818.14	839.18	24.28	-1.477	0.000	0.029
157.00	-4.61	-1.44	0.00	-13.85	0.00	13.85	1516.46	364.43	791.30	815.20	24.90	-1.482	0.000	0.020
160.00	-4.39	-1.38	0.00	-9.52	0.00	9.52	1488.18	355.24	751.89	779.63	25.83	-1.487	0.000	0.015
165.00	-4.03	-1.28	0.00	-2.62	0.00	2.62	1439.00	339.92	688.43	721.04	27.39	-1.492	0.000	0.006
167.00	-0.10	-0.03	0.00	-0.06	0.00	0.06	1413.06	333.79	663.83	695.14	28.02	-1.493	0.000	0.000
168.00	0.00	-0.03	0.00	-0.03	0.00	0.03	1400.09	330.73	651.70	682.38	28.33	-1.493	0.000	0.000

Final Analysis Summary

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 37

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.0W 120 mph Wind	38.0	0.00	55.53	0.00	0.00	4706.73
0.9D + 1.0W 120 mph Wind	38.0	0.00	41.63	0.00	0.00	4645.07
1.2D + 1.0Di + 1.0Wi 50 mph Wind	10.1	0.00	74.01	0.00	0.00	1230.62
1.2D + 1.0Ev + 1.0Eh	0.8	0.00	57.42	0.00	0.00	122.83
0.9D + 1.0Ev + 1.0Eh	0.8	0.00	43.48	0.00	0.00	121.37
1.0D + 1.0W 60 mph Wind	8.5	0.00	46.32	0.00	0.00	1045.54

Max Stresses

Load Case	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Elev (ft)	Stress Ratio
1.2D + 1.0W 120 mph Wind	-36.79	-33.36	0.00	-2939.5	0.00	-2939.5	3959.59	1016.9	4107.51	3966.92	49.00	0.751
0.9D + 1.0W 120 mph Wind	-27.33	-33.02	0.00	-2887.4	0.00	-2887.4	3959.59	1016.9	4107.51	3966.92	49.00	0.736
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-52.91	-8.78	0.00	-763.61	0.00	-763.61	3959.59	1016.9	4107.51	3966.92	49.00	0.206
1.2D + 1.0Ev + 1.0Eh	-28.39	-0.79	0.00	-53.06	0.00	-53.06	2761.71	710.98	2409.40	2321.45	87.75	0.033
0.9D + 1.0Ev + 1.0Eh	-21.50	-0.78	0.00	-52.28	0.00	-52.28	2761.71	710.98	2409.40	2321.45	87.75	0.030
1.0D + 1.0W 60 mph Wind	-31.53	-7.41	0.00	-651.62	0.00	-651.62	3959.59	1016.9	4107.51	3966.92	49.00	0.172

Base Plate Summary

Structure:	CT02217-S		**Code:**	TIA-222-H	7/24/2023
Site Name:	Pomfret School		**Exposure:**	C	
Height:	168.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 38

Reactions

Original Design

Moment (kip-ft):	4750.00
Axial (kip):	38.00
Shear (kip):	37.50

Analysis (1.2D + 1.0W)

Moment (kip-ft):	4706.73
Axial (kip):	55.53
Shear (kip):	37.99

Base Plate

Yield (ksi):	50.00
Width (in):	65.00
Style:	Clipped
Polygon Sides:	0.00
Clip Length (in):	13.00
Effective Len (in):	9.15
Moment (kip-in):	600.93
Allow Stress (ksi):	67.50
Applied Stress (ksi):	43.88
Stress Ratio:	0.65

Anchor Bolts

Bolt Circle:	66.00
Number Bolts:	20.00
Bolt Type:	2.25" 18J
Bolt Diameter (in):	2.25
Yield (ksi):	75.00
Ultimate (ksi):	100.00
Arrangement:	Clustered
Cluster Dist (in):	6.00
Start Angle (deg):	45.00

Compression

Force (kip):	173.93
Allowable (kip):	268.39
Ratio:	0.65

Tension

Force (kip):	168.38
Allowable (kip):	243.75
Ratio:	0.69

Monopole Mat Foundation Design

			Date: 7/24/2023
Customer Name:	Verizon	**TIA Standard:**	TIA-222-H
Site Name:	Pomfret East CT	**Structure Height (Ft.):**	168
Site Number:	CT02217-S	**Engineer Name:**	SBA Engineer
Engr. Number:		**Engineer Login ID:**	

Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

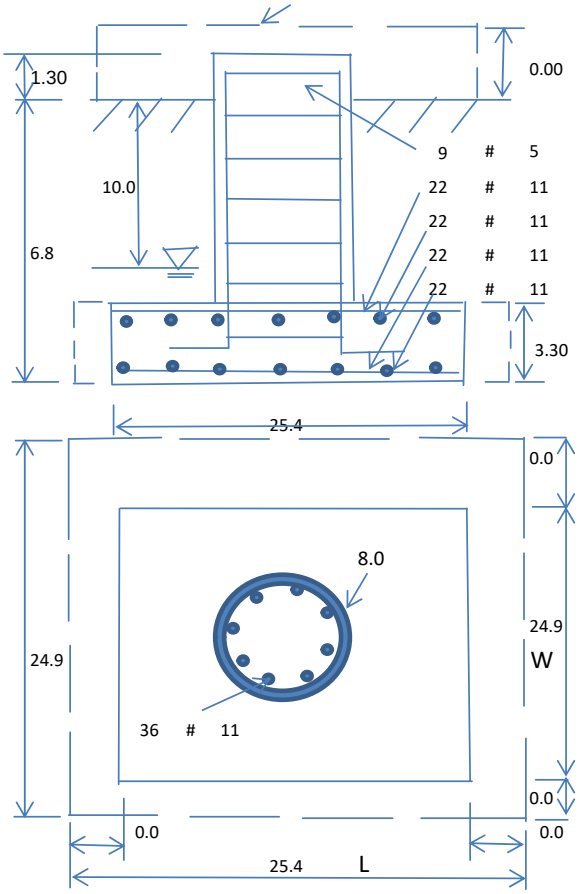
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	55.5	Shear Force (Kips):	38.0
Uplift Force (Kips):	0.0	Moment (Kips-ft):	4706.7
Allowable overstress %:	5.0%		

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	8.0	Depth of Base BG (ft.):	6.8
Pier Height A. G. (ft.):	1.30	Thickness of Pad (ft):	3.30
Length of Pad (ft.):	25.4	Width of Pad (ft.):	24.9
Final Length of pad (ft)	25.4	Final width of pad (ft):	24.9



Material Properties and Reabr Info:

Concrete Strength (psi):	3000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	11	Tie / Stirrup Size #:	5	
Qty. of Vertical Rebars:	36	Tie Spacing (in):	12.0	
Pad Rebar Yield (Ksi):	60	Pad Steel Rebar Size (#):	11	
Concrete Cover (in.):	5	Unit Weight of Concrete:	150.0	pcf

Rebar at the bottom of the concrete pad:

Qty. of Rebar in Pad (L):	22	Qty. of Rebar in Pad (W):	22

Rebar at the top of the concrete pad:

Qty. of Rebar in Pad (L):	22	Qty. of Rebar in Pad (W):	22
Apply 1.35 factor for e/w Per G:	1.35		

Soil Design Parameters:

Soil Unit Weight (pcf):	120.0	Soil Buoyant Weight:	50.0	Pcf		
Water Table B.G.S. (ft):	10.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	30000	Ultimate Skin Friction:	0	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	Yes	Reduction factor on the maximum soil bearing pressure:	1.00			

Foundation Analysis and Design: Uplift Strength Reduction Factor: 0.75 — Compression Strength Reduction Factor: 0.75

Total Dry Soil Volume (cu. Ft.):	2037.68	Total Dry Soil Weight (Kips):	244.52
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	244.52	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	2328.39	Total Dry Concrete Weight (Kips):	349.26
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	349.26	Total Vertical Load on Base (Kips):	649.28

Check Soil Capacities:

				Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	3432	<	Allowable Factored Soil Bearing (psf): 22500	0.15	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	7344.3	>	Design Factored Momont (kips-ft): 4794	0.65	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.53	OK!			

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90	Strength reduction factor (Shear):	0.75		
Strength reduction factor (Axial compresion):	0.65	Wind Load Factor on Concrete Design:	1.00		

(1) Concrete Pier:

Vertical Steel Rebar Area (sq. in./each):	1.56		Tie / Stirrup Area (sq. in./each):	0.31		
Calculated Moment Capacity (Mn,Kips-Ft):	10388.7	>	Design Factored Moment (Mu, Kips-Ft	4889.1	0.47	OK!
Calculated Shear Capacity (Kips):	832.8	>	Design Factored Shear (Kips):	38.0	0.05	OK!
Calculated Tension Capacity (Tn, Kips):	3032.6	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	9523.4	>	Design Factored Axial Load (Pu Kips):	55.5	0.01	OK!
Moment & Axial Strength Combination:	0.47	OK!	Check Tie Spacing (Design/Required):		1	OK!
Pier Reinforcement Ratio:	0.008	Reinforcement Ratio is satisfied per ACI				

(2).Concrete Pad:

One-Way Design Shear Capacity (L-Direction, Kips):	849.2	>	One-Way Factored Shear (L-D. Kips):	270.8	0.32	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	832.5	>	One-Way Factored Shear (W-D., Kips)	259.3	0.31	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	732.8	>	One-Way Factored Shear (C-C, Kips):	265.4	0.36	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0034	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0033		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	5028.8	>	Moment at Bottom (L-Dir. K-Ft):	1386.7	0.28	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	5032.9	>	Moment at Bottom (W-Dir. K-Ft):	1386.7	0.28	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	7029.9	>	Moment at Bottom (C-C Dir. K-Ft):	1961.1	0.28	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0034	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0033		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	5028.8	>	Moment at the top (L-Dir K-Ft):	650.0	0.13	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	5032.9	>	Moment at the top (W-Dir K-Ft):	650.0	0.13	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	7029.9	>	Moment at the top (C-C Dir. K-Ft):	625.8	0.09	OK!

(3).Check Punching Shear Capacity due to Moment in the Pier:

Moment transferred by punching shear:	1882.7	k-ft.	Max. factored shear stress v_{u_CD}:	3.4	Psi
Max. factored shear stress v_{u_AB}:	9.7	Psi	Factored shear Strength ϕv_n:	164.3	Psi
Max. factored shear stress v_u:	9.7	Psi	Check Usage of Punching Shear Capacity:	0.06	OK!

(4).Check Bending Capacity of the Pad Within the Effective Slab Width:

Overturning moment to be transferred by flexure:	1412.0	k-ft.	Effective Width for resisting OT moment:	17.9	ft.
Calculated number of Rebar in Effective width:	16		Actual number of Rebar in Effective width:	16	
Steel Pad Moment Capacity (L-Direc. Kips-ft):	3655.5	k-ft.	Check Usage of the Flexure Capacity:	0.39	OK!

Colliers Engineering & Design CT. P.C.
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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206277
Colliers Engineering & Design CT. P.C. Project #: 23777042

July 10, 2023

Site Information	*Site ID:*	*5000247121-VZW / POMFRET EAST CT*
	Site Name:	*POMFRET EAST CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*398 Pomfret Street* *Pomfret, Connecticut 06259* *Windham County*
	Latitude:	*41.890094°*
	Longitude:	*-71.955008°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 17123684

Analysis Results

Platform: **63.1% Pass***

***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: Andy Hanes

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER

07/10/2023

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
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324692, dated April 8, 2021*
Mount Mapping Report	*Hudson Design Group LLC, Site ID: 467148, dated February 6, 2021*
Previous Mount Analysis	*Maser Consulting, Project #: 20777646A, dated June 23, 2021*
PMI Report	*Maser Consulting, Project #: 20777646A, dated September 2, 2022*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 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:	0.976
Seismic Parameters:	S_S:	0.190 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
155.80	157.00	6	JMA Wireless	MX06FRO660-03	Retained
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	LNX-6514DS-A1M	
		1	-	GPS Antenna	
		4	KAelus	BSF0020F3V1-1	Added

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-12AB-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
Connection Check	23.1 %	Pass
Standoff_1	23.7 %	Pass
Standoff_2	13.4 %	Pass
Grating Angle	38.8 %	Pass
Cross Members	23.9 %	Pass
Face Horizontal	63.1 %	Pass
Support Rail	26.5 %	Pass
Mount Pipe	36.3 %	Pass
Mount Brace	46.5 %	Pass
Kicker	6.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**63.1%**

BASELINE mount weight per SBA agreement: 2323 lbs

Increase in mount weight due to Verizon loading change per SBA agreement: No Change

The weights listed above include 3 sector(s).

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	34.5	34.5	47.4	47.4
0.5	43.8	43.8	62.1	62.1
1	51.8	51.8	75.4	75.4

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

N/A

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

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MDG #: 5000247121 SMART Project #: 10206277 Fuze Project ID: 17123684

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:

N/A

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:	

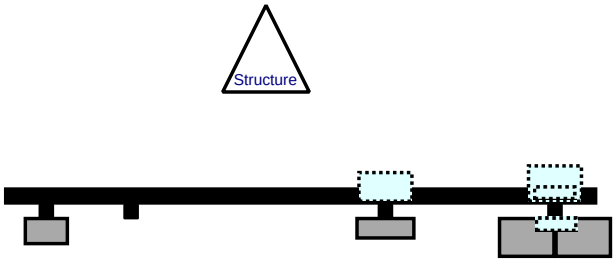
Structure: 5000247121-VZW - POMFRET EAST CT

Sector: **A** 7/10/2023

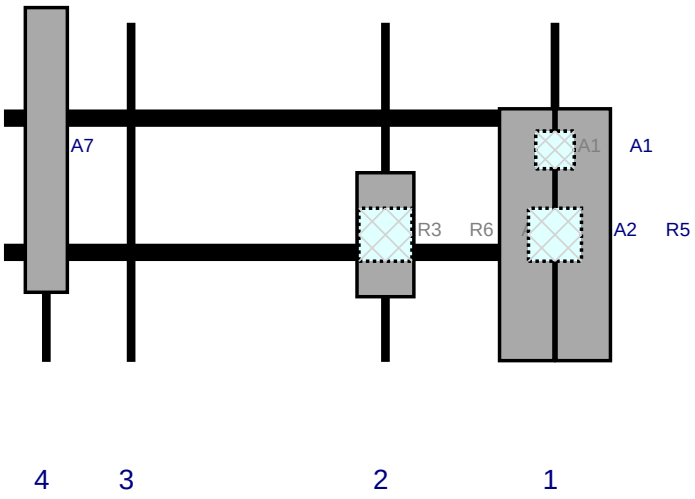
Structure Type: Monopole 10206277

Mount Elev: 155.80 Page: 1

Plan View

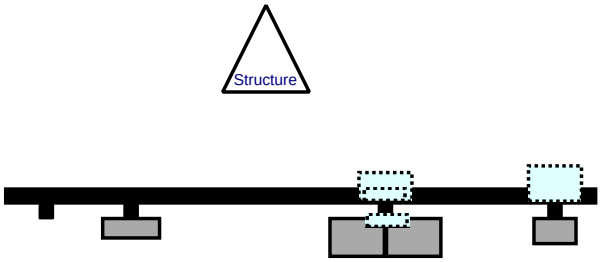


Front View - Looking at Structure

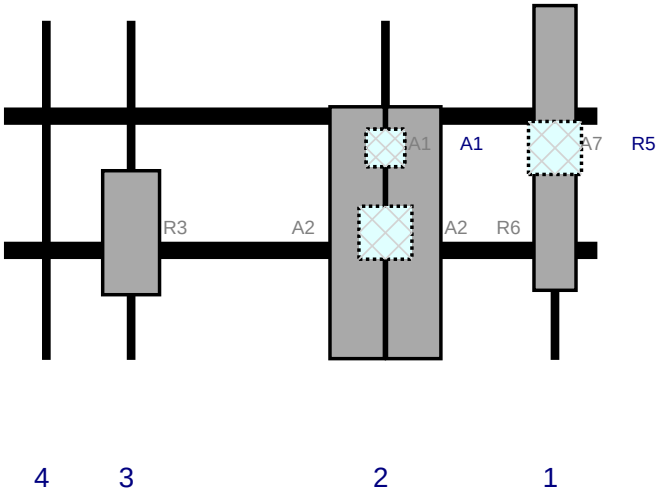


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	MX06FRO660-03	71.3	15.4	156	1	a	Front	60	8	Retained	08/25/2022
A2	MX06FRO660-03	71.3	15.4	156	1	b	Front	60	-8	Retained	08/25/2022
A1	BSF0020F3V1-1	10.6	10.9	156	1	a	Behind	36	0	Added	
A1	BSF0020F3V1-1	10.6	10.9	156	1	b	Front	36	0	Added	
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	156	1	a	Behind	60	0	Retained	08/25/2022
R3	MT6407-77A	35.1	16.1	108	2	a	Front	60	0	Retained	08/25/2022
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	108	2	a	Behind	60	0	Retained	08/25/2022
A7	LNX-6514DS-A1M	80.6	11.9	12	4	a	Front	36	0	Retained	08/25/2022
OVP	RVZDC-6627-PF-48	28.9	15.7		Member					Retained	08/25/2022
M24A	GPS	12	9		Member					Retained	08/25/2022

Plan View

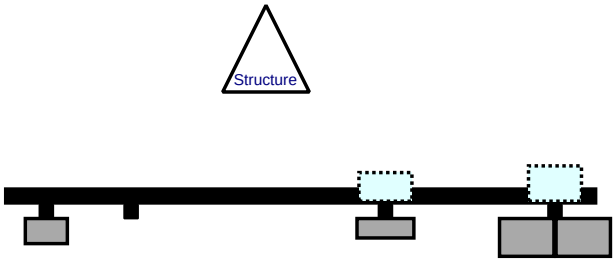


Front View - Looking at Structure

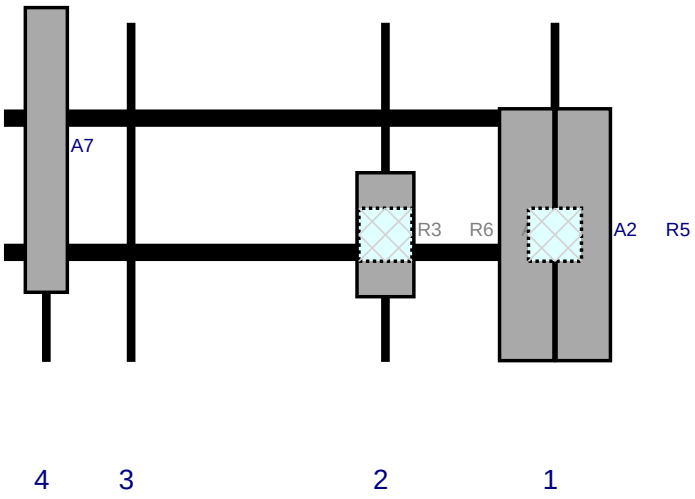


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A7	LNX-6514DS-A1M	80.6	11.9	156	1	a	Front	36	0	Retained	08/25/2022
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	156	1	a	Behind	36	0	Retained	08/25/2022
A2	MX06FRO660-03	71.3	15.4	108	2	a	Front	60	8	Retained	08/25/2022
A2	MX06FRO660-03	71.3	15.4	108	2	b	Front	60	-8	Retained	08/25/2022
A1	BSF0020F3V1-1	10.6	10.9	108	2	a	Behind	36	0	Added	
A1	BSF0020F3V1-1	10.6	10.9	108	2	b	Front	36	0	Added	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	108	2	a	Behind	60	0	Retained	08/25/2022
R3	MT6407-77A	35.1	16.1	36	3	a	Front	60	0	Retained	08/25/2022

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	MX06FRO660-03	71.3	15.4	156	1	a	Front	60	8	Retained	08/25/2022
A2	MX06FRO660-03	71.3	15.4	156	1	b	Front	60	-8	Retained	08/25/2022
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	156	1	a	Behind	60	0	Retained	08/25/2022
R3	MT6407-77A	35.1	16.1	108	2	a	Front	60	0	Retained	08/25/2022
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	108	2	a	Behind	60	0	Retained	08/25/2022
A7	LNX-6514DS-A1M	80.6	11.9	12	4	a	Front	36	0	Retained	08/25/2022


08 25 2022 10 07

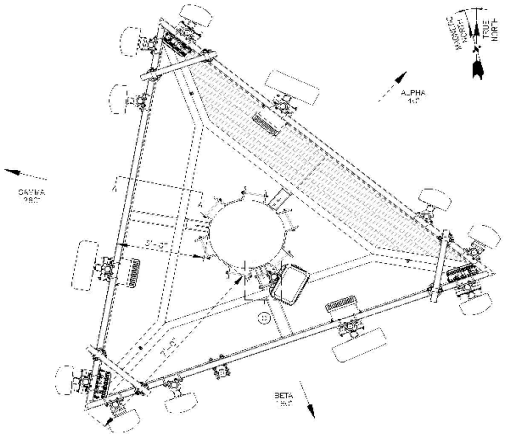

08 25 2022 10 04

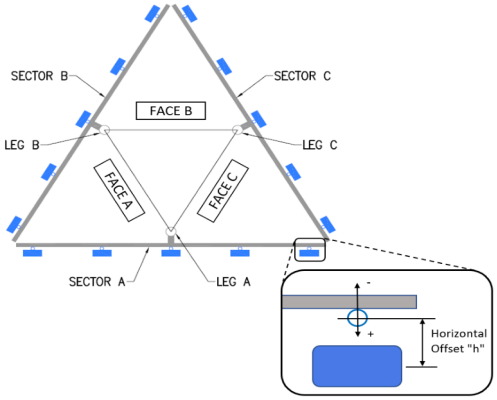
V3.0 Updated on 8-31-2020

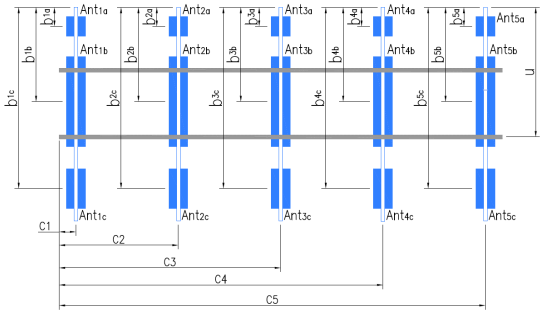
Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1232484

Tower Owner:	SBA	**Mapping Date:**	2/6/2021
Site Name:	Pomfret East	**Tower Type:**	Monopole
Site Number or ID:	467148	**Tower Height (Ft.):**	
Mapping Contractor:	Hudson Design Group LLC	**Mount Elevation (Ft.):**	154.1







Antenna Layout (Looking Out From Tower)

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	PIPE 2" STD X 6' LONG	41.00	12.00	C1	PIPE 2" STD X 6' LONG	41.00	12.00
A2	PIPE 2" STD X 6' LONG	41.00	60.00	C2	PIPE 2" STD X 6' LONG	41.00	60.00
A3	PIPE 2" STD X 6' LONG	41.00	132.00	C3	PIPE 2" STD X 6' LONG	41.00	132.00
A4	PIPE 2" STD X 6' LONG	41.00	156.00	C4	PIPE 2" STD X 6' LONG	41.00	156.00
A5				C5			
A6				C6			
B1	PIPE 2" STD X 6' LONG	41.00	12.00	D1			
B2	PIPE 2" STD X 6' LONG	41.00	60.00	D2			
B3	PIPE 2" STD X 6' LONG	41.00	132.00	D3			
B4	PIPE 2" STD X 6' LONG	41.00	156.00	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. :	20.50
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	5
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

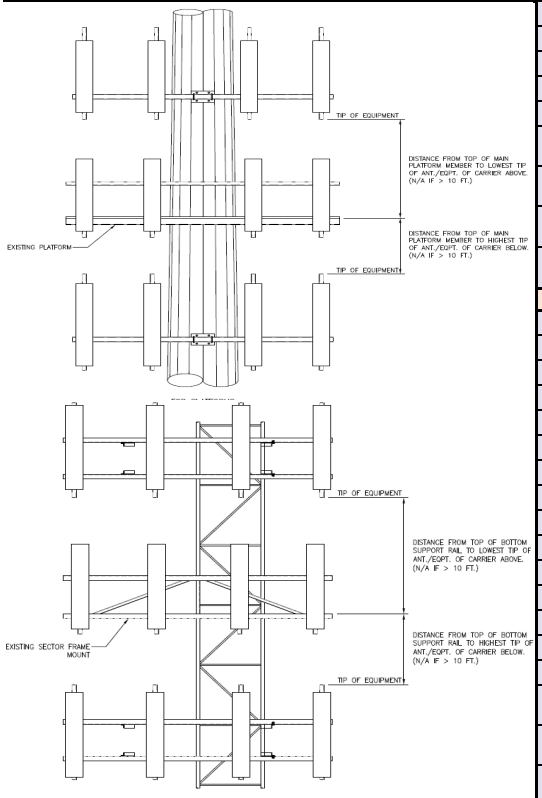
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	29

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	51.10		153.475	28.00	9.50	25.00	52
Ant_{1c}	B4 RRH 2X60 4R	12.00	7.00	37.00		152.975	34.00	-7.00		52
Ant_{2a}										
Ant_{2b}	QUAD656C0000G	20.50	7.20	74.40		153.058	33.00	10.00	25.00	52
Ant_{2c}	B13 RRH 4X30	12.00	9.00	22.00		154.058	21.00	-7.00		52
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	51.10		153.475	28.00	9.50		55
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	SBNHH-1D65B	12.00	7.00	73.00		152.808	36.00	9.00	30.00	55
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	40.00	Deg	Leg A:		Deg
Sector B:	160.00	Deg	Leg B:		Deg
Sector C:	280.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	5.00 Deg	Other
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was obstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	51.10		153.475	28.00	9.50	25.00	52
Ant_{1c}	B4 RRH 2X60 4R	12.00	7.00	37.00		152.975	34.00	-7.00		52
Ant_{2a}										
Ant_{2b}	QUAD656C0000G	20.50	7.20	74.40		153.058	33.00	10.00	25.00	52
Ant_{2c}	B13 RRH 4X30	12.00	9.00	22.00		154.058	21.00	-7.00		52
Ant_{3a}	GPS	3.00	3.00	20.00		154.142	20.00	6.00	40.00	49
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	51.10		153.475	28.00	9.50		55
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	SBNHH-1D65B	12.00	7.00	73.00		152.808	36.00	9.00	30.00	55
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	16.00	11.00	29.00			30.00			47
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	51.10		153.475	28.00	9.50	25.00	52
Ant_{1c}	B4 RRH 2X60 4R	12.00	7.00	37.00		152.975	34.00	-7.00		52
Ant_{2a}										
Ant_{2b}	QUAD656C0000G	20.50	7.20	74.40		153.058	33.00	10.00	25.00	52
Ant_{2c}	B13 RRH 4X30	12.00	9.00	22.00		154.058	21.00	-7.00		52
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	51.10		153.475	28.00	9.50	25.00	55
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	SBNHH-1D65B	12.00	7.00	73.00		152.808	36.00	9.00		55
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
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										

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

1		
2	(6) 1-5/8"Ø COAX, (1) 1/2"Ø COAX, (1) 1/2"Ø HYBRID	57
3	SAFETY CLIMB OBSTRUCTED	10
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.

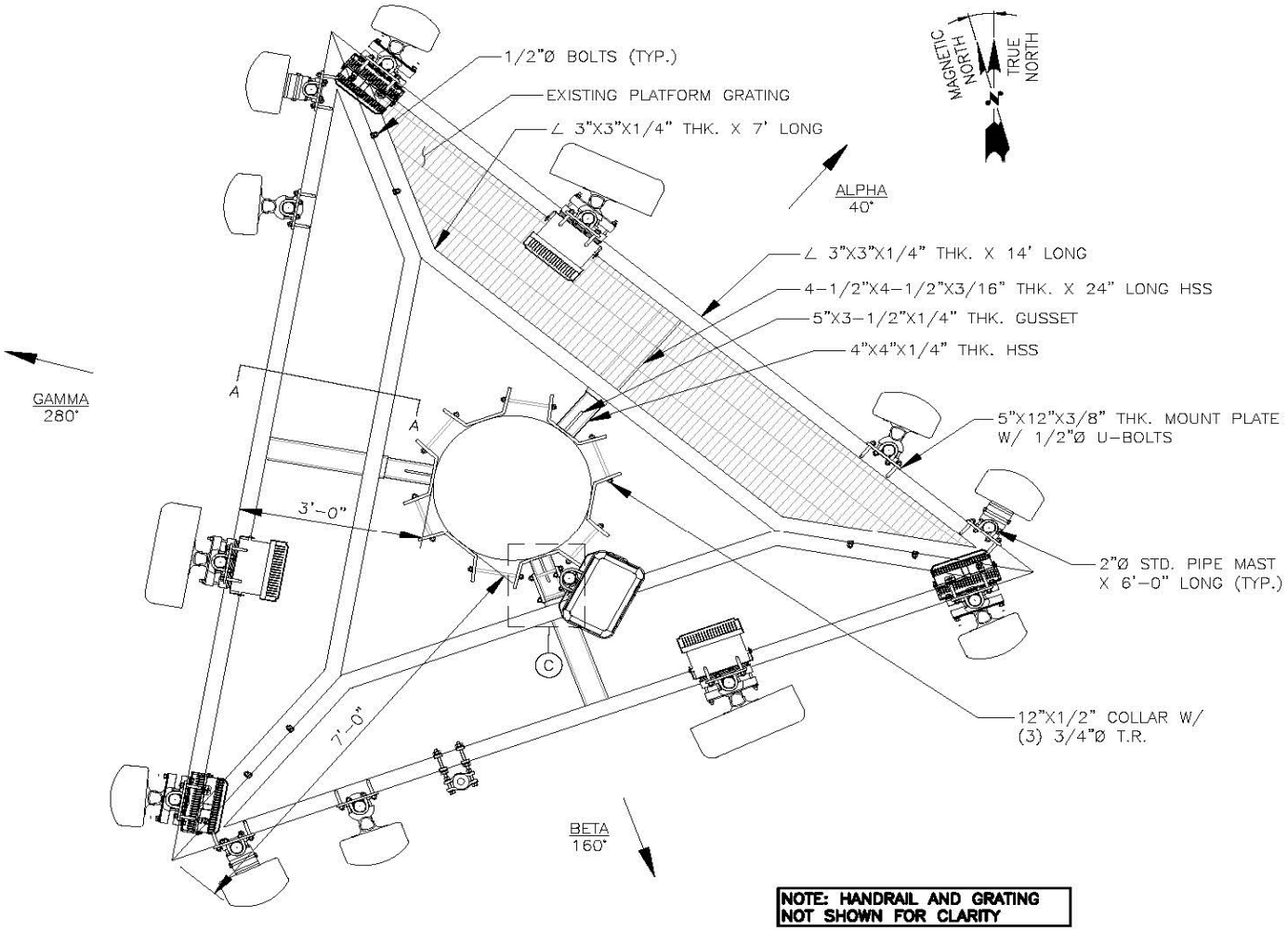
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1232484

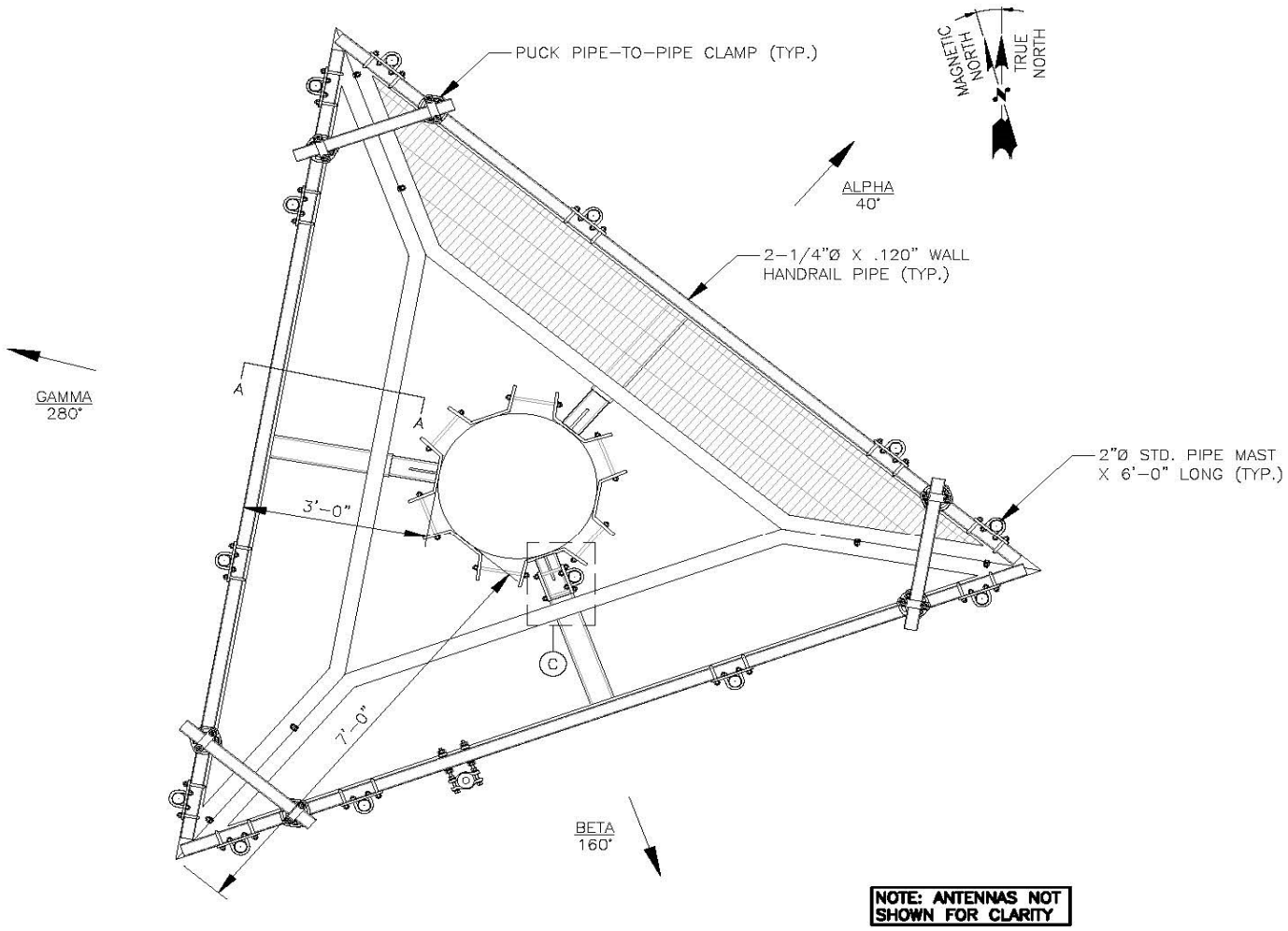
Tower Owner:	SBA	**Mapping Date:**	2/6/2021
Site Name:	Pomfret East	**Tower Type:**	Monopole
Site Number or ID:	467148	**Tower Height (Ft.):**	
Mapping Contractor:	Hudson Design Group LLC	**Mount Elevation (Ft.):**	154.1

Please Insert Sketches of the Antenna Mount



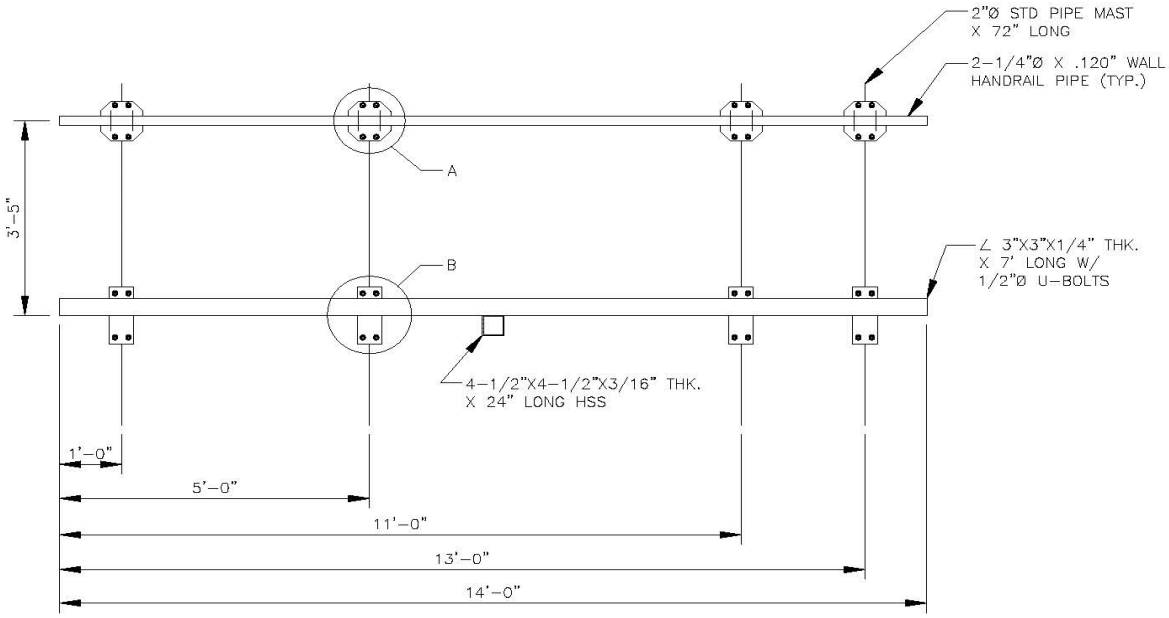
ANTENNA PLAN

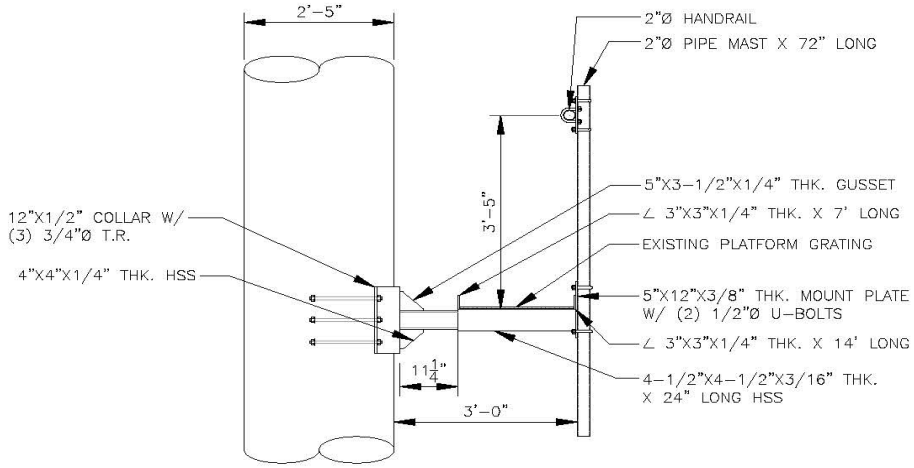
Please Insert Sketches of the Antenna Mount, cont'd



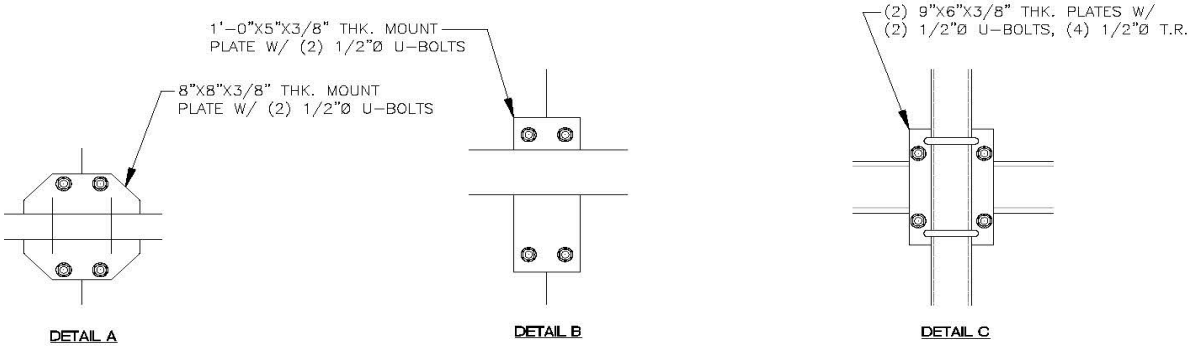
MOUNT PLAN

Please Insert Sketches of the Antenna Mount, cont'd





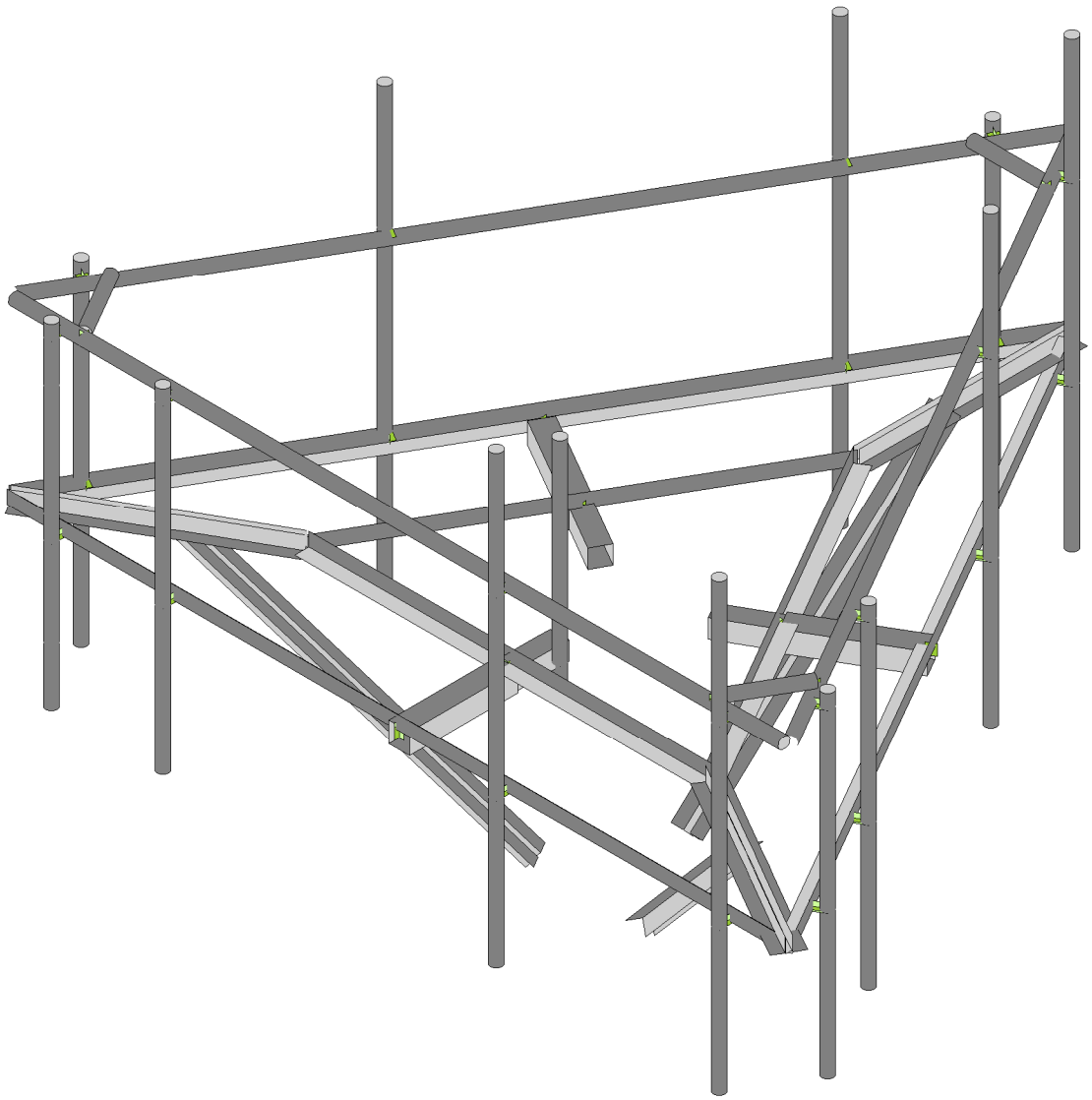
DETAIL A-A



DETAIL A

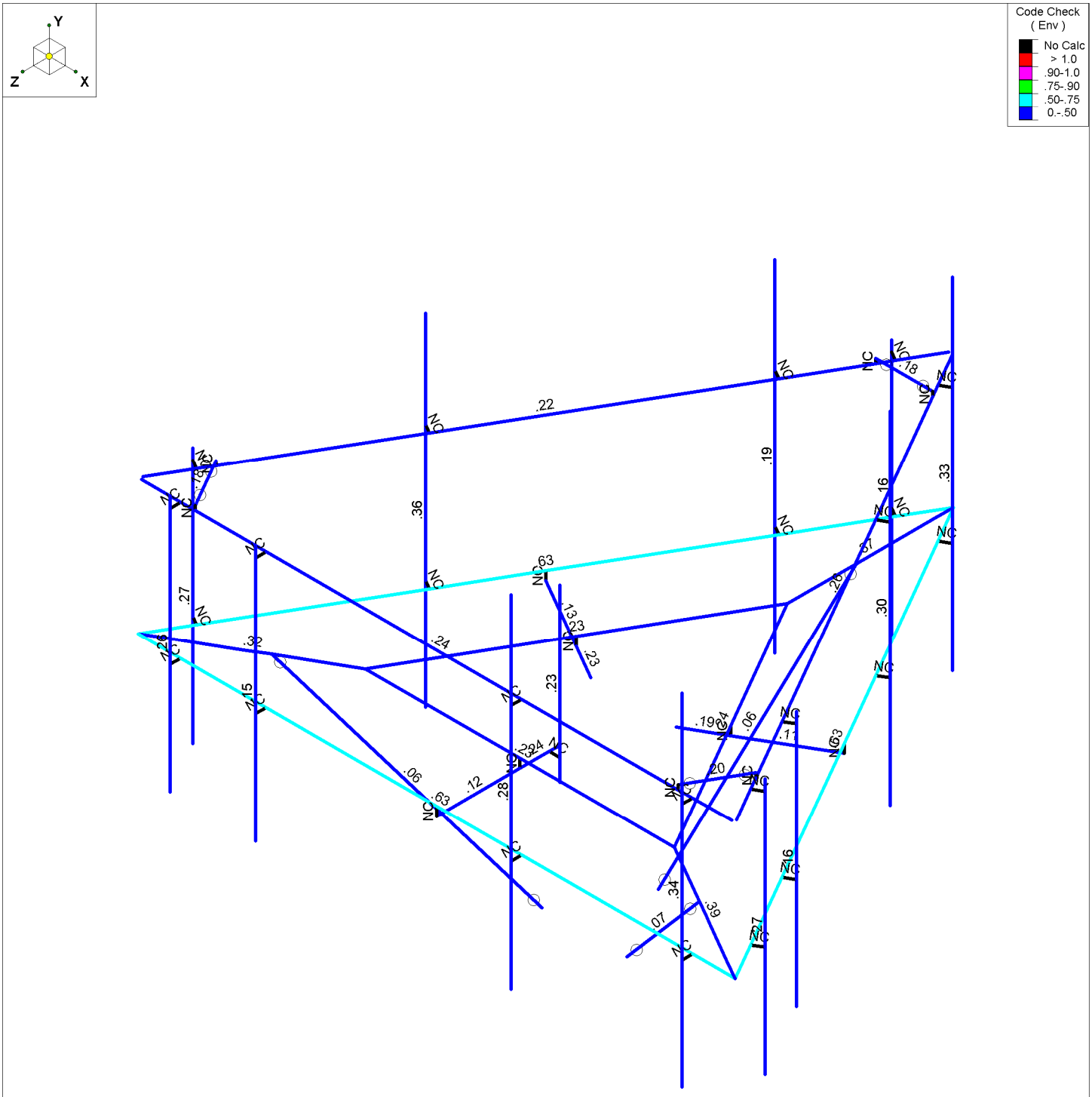
DETAIL B

DETAIL C



Envelope Only Solution

Colliers Engineering & Des...	5000247121-VZW_MT_LO_H	SK - 1
		July 7, 2023 at 2:58 PM
		5000247121-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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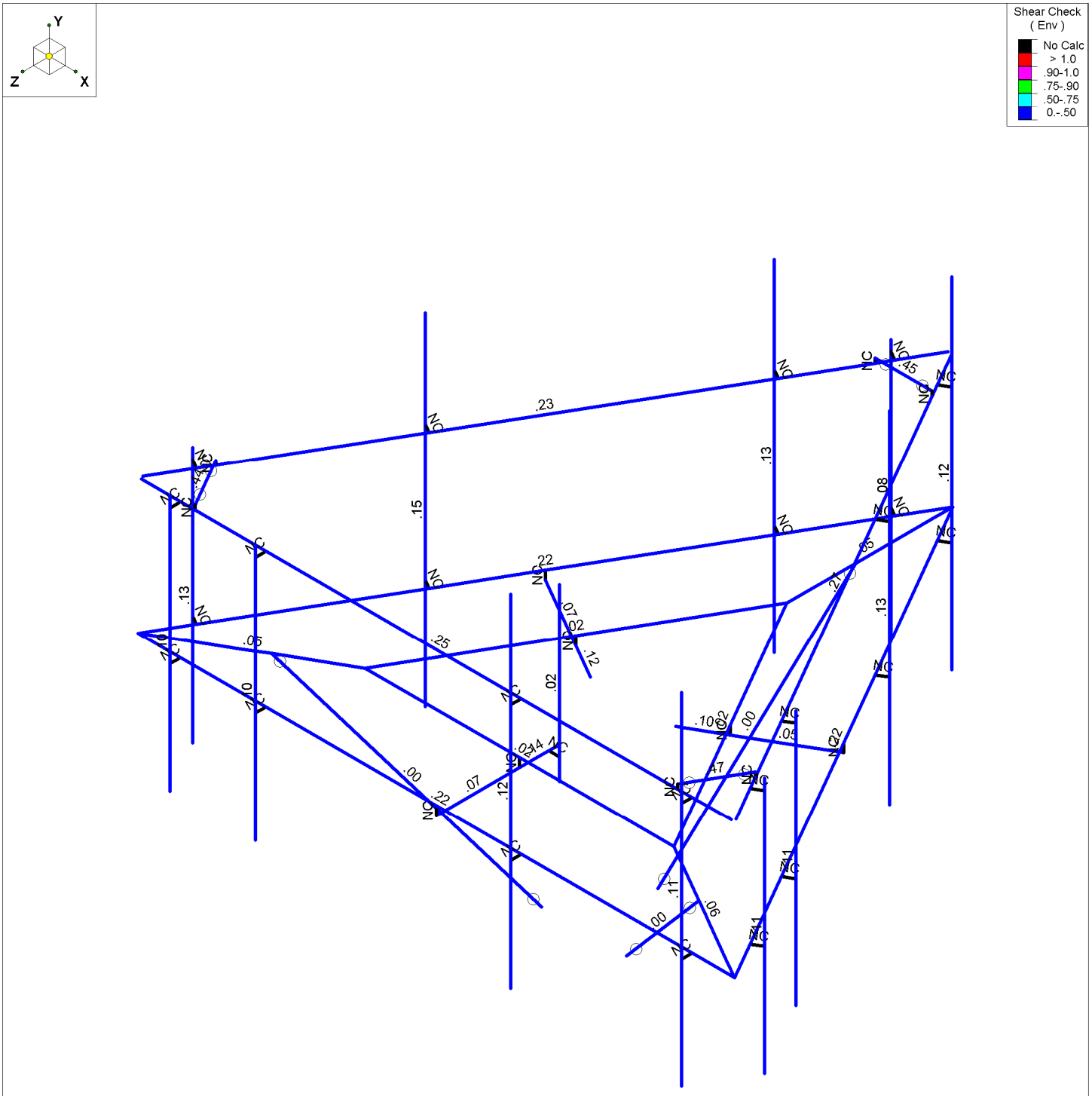
		5000247121-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					102			
2	Antenna Di	None					102			
3	Antenna Wo (0 Deg)	None					102			
4	Antenna Wo (30 Deg)	None					102			
5	Antenna Wo (60 Deg)	None					102			
6	Antenna Wo (90 Deg)	None					102			
7	Antenna Wo (120 Deg)	None					102			
8	Antenna Wo (150 Deg)	None					102			
9	Antenna Wo (180 Deg)	None					102			
10	Antenna Wo (210 Deg)	None					102			
11	Antenna Wo (240 Deg)	None					102			
12	Antenna Wo (270 Deg)	None					102			
13	Antenna Wo (300 Deg)	None					102			
14	Antenna Wo (330 Deg)	None					102			
15	Antenna Wi (0 Deg)	None					102			
16	Antenna Wi (30 Deg)	None					102			
17	Antenna Wi (60 Deg)	None					102			
18	Antenna Wi (90 Deg)	None					102			
19	Antenna Wi (120 Deg)	None					102			
20	Antenna Wi (150 Deg)	None					102			
21	Antenna Wi (180 Deg)	None					102			
22	Antenna Wi (210 Deg)	None					102			
23	Antenna Wi (240 Deg)	None					102			
24	Antenna Wi (270 Deg)	None					102			
25	Antenna Wi (300 Deg)	None					102			
26	Antenna Wi (330 Deg)	None					102			
27	Antenna Wm (0 Deg)	None					102			
28	Antenna Wm (30 Deg)	None					102			
29	Antenna Wm (60 Deg)	None					102			
30	Antenna Wm (90 Deg)	None					102			
31	Antenna Wm (120 Deg)	None					102			
32	Antenna Wm (150 Deg)	None					102			
33	Antenna Wm (180 Deg)	None					102			
34	Antenna Wm (210 Deg)	None					102			
35	Antenna Wm (240 Deg)	None					102			
36	Antenna Wm (270 Deg)	None					102			
37	Antenna Wm (300 Deg)	None					102			
38	Antenna Wm (330 Deg)	None					102			
39	Structure D	None		-1					3	
40	Structure Di	None						37	3	
41	Structure Wo (0 Deg)	None						74		
42	Structure Wo (30 Deg)	None						74		
43	Structure Wo (60 Deg)	None						74		
44	Structure Wo (90 Deg)	None						74		
45	Structure Wo (120 D...	None						74		
46	Structure Wo (150 D...	None						74		
47	Structure Wo (180 D...	None						74		
48	Structure Wo (210 D...	None						74		
49	Structure Wo (240 D...	None						74		
50	Structure Wo (270 D...	None						74		
51	Structure Wo (300 D...	None						74		
52	Structure Wo (330 D...	None						74		
53	Structure Wi (0 Deg)	None						74		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						74		
55	Structure Wi (60 Deg)	None						74		
56	Structure Wi (90 Deg)	None						74		
57	Structure Wi (120 De...	None						74		
58	Structure Wi (150 De...	None						74		
59	Structure Wi (180 De...	None						74		
60	Structure Wi (210 De...	None						74		
61	Structure Wi (240 De...	None						74		
62	Structure Wi (270 De...	None						74		
63	Structure Wi (300 De...	None						74		
64	Structure Wi (330 De...	None						74		
65	Structure Wm (0 Deg)	None						74		
66	Structure Wm (30 De...	None						74		
67	Structure Wm (60 De...	None						74		
68	Structure Wm (90 De...	None						74		
69	Structure Wm (120 D...	None						74		
70	Structure Wm (150 D...	None						74		
71	Structure Wm (180 D...	None						74		
72	Structure Wm (210 D...	None						74		
73	Structure Wm (240 D...	None						74		
74	Structure Wm (270 D...	None						74		
75	Structure Wm (300 D...	None						74		
76	Structure Wm (330 D...	None						74		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					102			
82	Antenna Eh (0 Deg)	None					68			
83	Antenna Eh (90 Deg)	None					68			
84	Structure Ev	ELY		-.023					3	
85	Structure Eh (0 Deg)	ELZ			-.057				3	
86	Structure Eh (90 Deg)	ELX	.057						3	
87	BLC 39 Transient Are...	None						27		
88	BLC 40 Transient Are...	None						27		
89	BLC 84 Transient Are...	None						27		
90	BLC 85 Transient Are...	None						27		
91	BLC 86 Transient Are...	None						27		

Load Combinations

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	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 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										

Load Combinations (Continued)

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 D...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 D...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 D...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 D...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 D...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 D...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 D...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 D...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 D...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 D...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 D...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 D...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 D...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 D...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 D...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 D...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				

Load Combinations (Continued)

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0.	0	-0.	0	
2	N2	0.	-0.208333	1.153818	0	
3	N10	-0.	0	-4.183474	0	
4	N13	-0.	0	-7.635855	0	
5	N14	-0.	0	-8.082634	0	
6	N15	-3.622995	0	2.091737	0	
7	N16	-6.999766	0	4.041317	0	
8	N17	3.622995	0	2.091737	0	
9	N18	6.999766	0	4.041317	0	
10	N15A	0.	-0.208333	2.091737	0	
11	N16A	0.	-0.208333	4.041317	0	
12	N15B	-4.080266	0	2.355743	0	
13	N17A	-6.612845	0	3.817928	0	
14	N20	6.612845	0	3.817928	0	
15	N67	3.506769	-0.208333	-2.008732	0	
16	N78	1.811497	-0.208333	-1.045868	0	
17	N91	-3.492997	-0.208333	-2.032585	0	
18	N110	-1.811497	-0.208333	-1.045868	0	
19	N108A	3.499883	-0.208333	-2.020658	0	
20	N110A	-3.499883	-0.208333	-2.020658	0	
21	N78A	0.	0	2.091737	0	
22	N79	0.	0	4.041317	0	
23	N80	3.506769	0	-2.008732	0	
24	N81	1.811497	0	-1.045868	0	
25	N82	-1.811497	0	-1.045868	0	
26	N83	-3.499883	0	-2.020658	0	
27	N33	-6.916433	3.166667	4.041317	0	
28	N34	6.916433	3.166667	4.041317	0	
29	N36	6.9581	3.166667	3.969148	0	
30	N37	0.041667	3.166667	-8.010465	0	
31	N39	-0.041666	3.166667	-8.010466	0	
32	N40	-6.958099	3.166667	3.969148	0	
33	N39A	5.999766	0	4.041317	0	
34	N40A	5.999766	3.166667	4.041317	0	
35	N41	1.999766	0	4.041317	0	
36	N42	1.999766	3.166667	4.041317	0	
37	N43	-4.000234	0	4.041317	0	
38	N44	-4.000234	3.166667	4.041317	0	
39	N45	-6.000234	0	4.041317	0	
40	N46	-6.000234	3.166667	4.041317	0	
41	N47	5.999766	0	4.291317	0	
42	N48	5.999766	3.166667	4.291317	0	
43	N49	1.999766	0	4.291317	0	
44	N50	1.999766	3.166667	4.291317	0	
45	N51	-4.000234	0	4.291317	0	
46	N52	-4.000234	3.166667	4.291317	0	
47	N53	-6.000234	0	4.291317	0	
48	N54	-6.000234	3.166667	4.291317	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N55	5.999766	5.416667	4.291317	0	
50	N56	1.999766	5.416667	4.291317	0	
51	N57	-4.000234	3.416667	4.291317	0	
52	N58	-6.000234	3.416667	4.291317	0	
53	N59	5.999766	-2.583333	4.291317	0	
54	N60	1.999766	-2.583333	4.291317	0	
55	N61	-4.000234	-2.583333	4.291317	0	
56	N62	-6.000234	-2.583333	4.291317	0	
57	N64	0.5	0	-7.216608	0	
58	N65	0.500001	3.166667	-7.216608	0	
59	N66	2.5	0	-3.752507	0	
60	N67A	2.500001	3.166667	-3.752507	0	
61	N68	5.5	0	1.443646	0	
62	N69	5.500001	3.166667	1.443646	0	
63	N70	6.500001	3.166667	3.175696	0	
64	N71	0.716507	0	-7.341608	0	
65	N72	0.716507	3.166667	-7.341608	0	
66	N73	2.716507	0	-3.877507	0	
67	N74	2.716507	3.166667	-3.877507	0	
68	N75	5.716507	0	1.318646	0	
69	N76	5.716507	3.166667	1.318646	0	
70	N77	6.716507	0	3.050696	0	
71	N78B	6.716507	3.166667	3.050696	0	
72	N79A	0.716507	5.416667	-7.341608	0	
73	N80A	2.716507	5.416667	-3.877507	0	
74	N81A	5.716507	3.416667	1.318646	0	
75	N82A	6.716507	3.416667	3.050696	0	
76	N83A	0.716507	-2.583333	-7.341608	0	
77	N84	2.716507	-2.583333	-3.877507	0	
78	N85	5.716507	-2.583333	1.318646	0	
79	N86	6.716507	-2.583333	3.050696	0	
80	N88	-6.499766	0	3.175291	0	
81	N89	-6.499766	3.166667	3.175291	0	
82	N90	-4.499766	0	-0.288811	0	
83	N91A	-4.499766	3.166667	-0.288811	0	
84	N92	-1.499766	0	-5.484963	0	
85	N93	-1.499766	3.166667	-5.484963	0	
86	N94	-0.499766	3.166667	-7.217014	0	
87	N95	-6.716272	0	3.050291	0	
88	N96	-6.716272	3.166667	3.050291	0	
89	N97	-4.716272	0	-0.413811	0	
90	N98	-4.716272	3.166667	-0.413811	0	
91	N99	-1.716272	0	-5.609963	0	
92	N100	-1.716272	3.166667	-5.609963	0	
93	N101	-0.716272	0	-7.342014	0	
94	N102	-0.716272	3.166667	-7.342014	0	
95	N103	-6.716272	3.416667	3.050291	0	
96	N104	-4.716272	5.416667	-0.413811	0	
97	N105	-1.716272	5.416667	-5.609963	0	
98	N106	-0.716272	3.416667	-7.342014	0	
99	N107	-6.716272	-2.583333	3.050291	0	
100	N108	-4.716272	-2.583333	-0.413811	0	
101	N109	-1.716272	-2.583333	-5.609963	0	
102	N110B	-0.716272	-2.583333	-7.342014	0	
103	N108B	0.999236	-0.208333	-0.576909	0	
104	N111	-0.999235	-0.208333	-0.576909	0	
105	N109A	-5.666433	3.166667	4.041317	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N110C	5.666433	3.166667	4.041317	0	
107	N111A	-5.666433	3.266667	4.041317	0	
108	N112	5.666433	3.266667	4.041317	0	
109	N114	6.3331	3.166667	2.886616	0	
110	N115	0.666667	3.166667	-6.927933	0	
111	N116	6.3331	3.266667	2.886616	0	
112	N117	0.666667	3.266667	-6.927933	0	
113	N119	-0.666666	3.166667	-6.927934	0	
114	N120	-6.333099	3.166667	2.886616	0	
115	N121	-0.666666	3.266667	-6.927934	0	
116	N122	-6.333099	3.266667	2.886616	0	
117	N121A	0.	-0.208333	1.403818	0	
118	N122A	0.25	-0.208333	1.403818	0	
119	N123	0.25	-0.708333	1.403818	0	
120	N124	0.25	3.291667	1.403818	0	
121	N125	-6.000234	0.416667	4.291317	0	
122	N126	-6.000234	2.416667	4.291317	0	
123	N127	-6.000234	-1.583333	4.291317	0	
124	N129	-0.499766	0	-7.217013	0	
125	N131	6.5	0	3.175696	0	
126	N143	-0.	0	-5.79757	0	
127	N168	0.	-4.291667	-1.153817	0	
128	N146	-0.721688	-3.75	0.416667	0	
129	N135	-0.999235	-4.291667	0.576908	0	
130	N137	0.999235	-4.291667	0.576908	0	
131	N141	-5.381687	0	3.107118	0	
132	N142	5.381687	0	3.107118	0	
133	N133	-5.526024	0	3.190452	0	
134	N134	5.526024	0	3.190452	0	
135	N135A	-5.020843	0	2.898785	0	
136	N136	5.020843	0	2.898785	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Standoff_2	HSS4.5X4.5X3	Beam	Tube	A500 Gr.B Rect	Typical	2.93	9.02	9.02	14.4
3	Cross Members	L3X3X4	Beam	Channel	A36 Gr.36	Typical	1.44	1.23	1.23	.031
4	Face Horizontal	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Standoff_1	HSS4X4X4	Beam	Tube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
6	Grating Angle	LL3x3x4x0	Beam	Double Angle (No...	A36 Gr.36	Typical	2.88	4.5	2.46	.063
7	Mount Plate	PL3/8x5	Column	BAR	A36 Gr.36	Typical	1.875	.022	3.906	.084
8	Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
10	Mount Brace	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
11	Secondary Horizontal	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
12	Reinforcement Kit	L2.5x2.5x3	Column	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011
13	Support Brace	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
14	Cross Brace	HSS3X3X4	Beam	Tube	A500 Gr.B Rect	Typical	2.44	3.02	3.02	5.08
15	Kicker	LL3x3x3x6	Column	Double Angle (3/...	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N15A			Standoff_1	Beam	Tube	A500 Gr.B...	Typical
2	M2	N15A	N16A			Standoff_2	Beam	Tube	A500 Gr.B...	Typical
3	M5	N14	N10		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
4	M6	N16	N15		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
5	M7	N18	N17		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
6	M6A	N17	N15		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
7	M7A	N16	N18		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
8	M23A	N10	N17		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
9	M24	N18	N14		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
10	M39A	N15	N10		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
11	M40	N14	N16		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
12	M55	N78	N108A			Standoff_2	Beam	Tube	A500 Gr.B...	Typical
13	M56	N110	N110A			Standoff_2	Beam	Tube	A500 Gr.B...	Typical
14	M40A	N79	N16A			RIGID	None	None	RIGID	Typical
15	M41	N78A	N15A			RIGID	None	None	RIGID	Typical
16	M42	N83	N110A			RIGID	None	None	RIGID	Typical
17	M43	N82	N110			RIGID	None	None	RIGID	Typical
18	M44	N81	N78			RIGID	None	None	RIGID	Typical
19	M45	N80	N108A			RIGID	None	None	RIGID	Typical
20	M22	N33	N34		270	Support Rail	Column	Pipe	A53 Gr.B	Typical
21	M23	N36	N37		270	Support Rail	Column	Pipe	A53 Gr.B	Typical
22	M24A	N39	N40		270	Support Rail	Column	Pipe	A53 Gr.B	Typical
23	M25	N54	N46			RIGID	None	None	RIGID	Typical
24	M26	N53	N45			RIGID	None	None	RIGID	Typical
25	M27	N51	N43			RIGID	None	None	RIGID	Typical
26	M28	N52	N44			RIGID	None	None	RIGID	Typical
27	M29	N49	N41			RIGID	None	None	RIGID	Typical
28	M30	N50	N42			RIGID	None	None	RIGID	Typical
29	M31	N47	N39A			RIGID	None	None	RIGID	Typical
30	M32	N48	N40A			RIGID	None	None	RIGID	Typical
31	MP4A	N58	N62			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	MP3A	N57	N61			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
33	MP2A	N56	N60			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
34	MP1A	N55	N59			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
35	M37	N78B	N70			RIGID	None	None	RIGID	Typical
36	M38	N75	N68			RIGID	None	None	RIGID	Typical
37	M39	N76	N69			RIGID	None	None	RIGID	Typical
38	M40B	N73	N66			RIGID	None	None	RIGID	Typical
39	M41A	N74	N67A			RIGID	None	None	RIGID	Typical
40	M42A	N71	N64			RIGID	None	None	RIGID	Typical
41	M43A	N72	N65			RIGID	None	None	RIGID	Typical
42	MP4C	N82A	N86			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
43	MP3C	N81A	N85			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
44	MP2C	N80A	N84			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
45	MP1C	N79A	N83A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
46	M48	N102	N94			RIGID	None	None	RIGID	Typical
47	M49	N99	N92			RIGID	None	None	RIGID	Typical
48	M50	N100	N93			RIGID	None	None	RIGID	Typical
49	M51	N97	N90			RIGID	None	None	RIGID	Typical
50	M52	N98	N91A			RIGID	None	None	RIGID	Typical
51	M53	N95	N88			RIGID	None	None	RIGID	Typical
52	M54	N96	N89			RIGID	None	None	RIGID	Typical
53	MP4B	N106	N110B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
54	MP3B	N105	N109			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
55	MP2B	N104	N108			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
56	MP1B	N103	N107			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
57	M57A	N108B	N78			Standoff_1	Beam	Tube	A500 Gr.B...	Typical
58	M58A	N111	N110			Standoff_1	Beam	Tube	A500 Gr.B...	Typical
59	M59	N111A	N109A			RIGID	None	None	RIGID	Typical
60	M60	N112	N110C			RIGID	None	None	RIGID	Typical
61	M61	N116	N114			RIGID	None	None	RIGID	Typical
62	M62	N117	N115			RIGID	None	None	RIGID	Typical
63	M63	N121	N119			RIGID	None	None	RIGID	Typical
64	M64	N122	N120			RIGID	None	None	RIGID	Typical
65	M65	N111A	N122			Mount Brace	Beam	Pipe	A53 Gr.B	Typical
66	M66	N121	N117			Mount Brace	Beam	Pipe	A53 Gr.B	Typical
67	M67	N116	N112			Mount Brace	Beam	Pipe	A53 Gr.B	Typical
68	M68	N121A	N122A			RIGID	None	None	RIGID	Typical
69	OVP	N124	N123			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
70	M70	N101	N129			RIGID	None	None	RIGID	Typical
71	M71	N77	N131			RIGID	None	None	RIGID	Typical
72	M81	N143	N168			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
73	M73	N135A	N135			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
74	M74	N136	N137			Kicker	Column	Double Angle (...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M5						Yes				None
4	M6						Yes				None
5	M7						Yes	Default			None
6	M6A						Yes				None
7	M7A						Yes				None
8	M23A						Yes				None
9	M24						Yes				None
10	M39A						Yes				None
11	M40						Yes				None
12	M55						Yes				None
13	M56						Yes				None
14	M40A						Yes	** NA **			None
15	M41						Yes	** NA **			None
16	M42						Yes	** NA **			None
17	M43						Yes	** NA **			None
18	M44						Yes	** NA **			None
19	M45						Yes	** NA **			None
20	M22						Yes	** NA **			None
21	M23						Yes	** NA **			None
22	M24A						Yes	** NA **			None
23	M25						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
24	M26						Yes	** NA **			None
25	M27						Yes	** NA **			None
26	M28						Yes	** NA **			None
27	M29						Yes	** NA **			None
28	M30						Yes	** NA **			None
29	M31						Yes	** NA **			None
30	M32						Yes	** NA **			None
31	MP4A						Yes	** NA **			None
32	MP3A						Yes	** NA **			None
33	MP2A						Yes	** NA **			None
34	MP1A						Yes	** NA **			None
35	M37						Yes	** NA **			None
36	M38						Yes	** NA **			None
37	M39						Yes	** NA **			None
38	M40B						Yes	** NA **			None
39	M41A						Yes	** NA **			None
40	M42A						Yes	** NA **			None
41	M43A						Yes	** NA **			None
42	MP4C						Yes	** NA **			None
43	MP3C						Yes	** NA **			None
44	MP2C						Yes	** NA **			None
45	MP1C						Yes	** NA **			None
46	M48						Yes	** NA **			None
47	M49						Yes	** NA **			None
48	M50						Yes	** NA **			None
49	M51						Yes	** NA **			None
50	M52						Yes	** NA **			None
51	M53						Yes	** NA **			None
52	M54						Yes	** NA **			None
53	MP4B						Yes	** NA **			None
54	MP3B						Yes	** NA **			None
55	MP2B						Yes	** NA **			None
56	MP1B						Yes	** NA **			None
57	M57A						Yes				None
58	M58A						Yes				None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65	BenPIN	BenPIN				Yes				None
66	M66	BenPIN	BenPIN				Yes				None
67	M67	BenPIN	BenPIN				Yes				None
68	M68						Yes	** NA **			None
69	OVP						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M81	BenPIN	BenPIN				Yes	** NA **			None
73	M73	BenPIN	BenPIN				Yes	** NA **			None
74	M74	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-39	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1A	My	-.029	3
3	MP1A	Mz	.026	3
4	MP1A	Y	-39	7
5	MP1A	My	-.029	7
6	MP1A	Mz	.026	7
7	MP1C	Y	-39	3
8	MP1C	My	.033	3
9	MP1C	Mz	.022	3
10	MP1C	Y	-39	7
11	MP1C	My	.033	7
12	MP1C	Mz	.022	7
13	MP1A	Y	-39	3
14	MP1A	My	-.029	3
15	MP1A	Mz	-.026	3
16	MP1A	Y	-39	7
17	MP1A	My	-.029	7
18	MP1A	Mz	-.026	7
19	MP1C	Y	-39	3
20	MP1C	My	-.018	3
21	MP1C	Mz	.035	3
22	MP1C	Y	-39	7
23	MP1C	My	-.018	7
24	MP1C	Mz	.035	7
25	MP2B	Y	-39	3
26	MP2B	My	.009	3
27	MP2B	Mz	-.038	3
28	MP2B	Y	-39	7
29	MP2B	My	.009	7
30	MP2B	Mz	-.038	7
31	MP2B	Y	-39	3
32	MP2B	My	.039	3
33	MP2B	Mz	.005	3
34	MP2B	Y	-39	7
35	MP2B	My	.039	7
36	MP2B	Mz	.005	7
37	MP2A	Y	-43.55	4
38	MP2A	My	-.033	4
39	MP2A	Mz	0	4
40	MP2A	Y	-43.55	6
41	MP2A	My	-.033	6
42	MP2A	Mz	0	6
43	MP2C	Y	-43.55	4
44	MP2C	My	.008	4
45	MP2C	Mz	.032	4
46	MP2C	Y	-43.55	6
47	MP2C	My	.008	6
48	MP2C	Mz	.032	6
49	MP3B	Y	-43.55	4
50	MP3B	My	.027	4
51	MP3B	Mz	-.019	4
52	MP3B	Y	-43.55	6
53	MP3B	My	.027	6
54	MP3B	Mz	-.019	6
55	OVP	Y	-32	1
56	OVP	My	0	1
57	OVP	Mz	0	1
58	MP1A	Y	-84.4	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1A	My	.041	5
60	MP1A	Mz	.011	5
61	MP1B	Y	-84.4	3
62	MP1B	My	-.035	3
63	MP1B	Mz	.024	3
64	MP1C	Y	-84.4	5
65	MP1C	My	-.011	5
66	MP1C	Mz	-.041	5
67	MP2A	Y	-70.3	5
68	MP2A	My	.035	5
69	MP2A	Mz	0	5
70	MP2B	Y	-70.3	5
71	MP2B	My	-.029	5
72	MP2B	Mz	.02	5
73	MP2C	Y	-70.3	5
74	MP2C	My	-.009	5
75	MP2C	Mz	-.034	5
76	MP1B	Y	-22.95	1
77	MP1B	My	.012	1
78	MP1B	Mz	-.012	1
79	MP1B	Y	-22.95	5
80	MP1B	My	.012	5
81	MP1B	Mz	-.012	5
82	MP4A	Y	-22.95	1
83	MP4A	My	-.017	1
84	MP4A	Mz	-.004	1
85	MP4A	Y	-22.95	5
86	MP4A	My	-.017	5
87	MP4A	Mz	-.004	5
88	MP4C	Y	-22.95	1
89	MP4C	My	.004	1
90	MP4C	Mz	.017	1
91	MP4C	Y	-22.95	5
92	MP4C	My	.004	5
93	MP4C	Mz	.017	5
94	M24A	Y	-10	2
95	M24A	My	0	2
96	M24A	Mz	0	2
97	MP1A	Y	-17.6	3
98	MP1A	My	.009	3
99	MP1A	Mz	0	3
100	MP2B	Y	-17.6	3
101	MP2B	My	-.007	3
102	MP2B	Mz	.005	3

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-83.541	3
2	MP1A	My	-.063	3
3	MP1A	Mz	.056	3
4	MP1A	Y	-83.541	7
5	MP1A	My	-.063	7
6	MP1A	Mz	.056	7
7	MP1C	Y	-83.541	3
8	MP1C	My	.07	3
9	MP1C	Mz	.046	3

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1C	Y	-83.541	7
11	MP1C	My	.07	7
12	MP1C	Mz	.046	7
13	MP1A	Y	-83.541	3
14	MP1A	My	-.063	3
15	MP1A	Mz	-.056	3
16	MP1A	Y	-83.541	7
17	MP1A	My	-.063	7
18	MP1A	Mz	-.056	7
19	MP1C	Y	-83.541	3
20	MP1C	My	-.038	3
21	MP1C	Mz	.075	3
22	MP1C	Y	-83.541	7
23	MP1C	My	-.038	7
24	MP1C	Mz	.075	7
25	MP2B	Y	-83.541	3
26	MP2B	My	.019	3
27	MP2B	Mz	-.082	3
28	MP2B	Y	-83.541	7
29	MP2B	My	.019	7
30	MP2B	Mz	-.082	7
31	MP2B	Y	-83.541	3
32	MP2B	My	.083	3
33	MP2B	Mz	.01	3
34	MP2B	Y	-83.541	7
35	MP2B	My	.083	7
36	MP2B	Mz	.01	7
37	MP2A	Y	-36.092	4
38	MP2A	My	-.027	4
39	MP2A	Mz	0	4
40	MP2A	Y	-36.092	6
41	MP2A	My	-.027	6
42	MP2A	Mz	0	6
43	MP2C	Y	-36.092	4
44	MP2C	My	.007	4
45	MP2C	Mz	.026	4
46	MP2C	Y	-36.092	6
47	MP2C	My	.007	6
48	MP2C	Mz	.026	6
49	MP3B	Y	-36.092	4
50	MP3B	My	.022	4
51	MP3B	Mz	-.016	4
52	MP3B	Y	-36.092	6
53	MP3B	My	.022	6
54	MP3B	Mz	-.016	6
55	OVP	Y	-76.96	1
56	OVP	My	0	1
57	OVP	Mz	0	1
58	MP1A	Y	-45.512	5
59	MP1A	My	.022	5
60	MP1A	Mz	.006	5
61	MP1B	Y	-45.512	3
62	MP1B	My	-.019	3
63	MP1B	Mz	.013	3
64	MP1C	Y	-45.512	5
65	MP1C	My	-.006	5
66	MP1C	Mz	-.022	5

Member Point Loads (BLC 2 : Antenna Di) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	Y	-40.933	5
68	MP2A	My	.02	5
69	MP2A	Mz	0	5
70	MP2B	Y	-40.933	5
71	MP2B	My	-.017	5
72	MP2B	Mz	.012	5
73	MP2C	Y	-40.933	5
74	MP2C	My	-.005	5
75	MP2C	Mz	-.02	5
76	MP1B	Y	-68.183	1
77	MP1B	My	.036	1
78	MP1B	Mz	-.036	1
79	MP1B	Y	-68.183	5
80	MP1B	My	.036	5
81	MP1B	Mz	-.036	5
82	MP4A	Y	-68.183	1
83	MP4A	My	-.049	1
84	MP4A	Mz	-.013	1
85	MP4A	Y	-68.183	5
86	MP4A	My	-.049	5
87	MP4A	Mz	-.013	5
88	MP4C	Y	-68.183	1
89	MP4C	My	.013	1
90	MP4C	Mz	.049	1
91	MP4C	Y	-68.183	5
92	MP4C	My	.013	5
93	MP4C	Mz	.049	5
94	M24A	Y	-11.621	2
95	M24A	My	0	2
96	M24A	Mz	0	2
97	MP1A	Y	-17.6	3
98	MP1A	My	.009	3
99	MP1A	Mz	0	3
100	MP2B	Y	-17.6	3
101	MP2B	My	-.007	3
102	MP2B	Mz	.005	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-109.666	3
3	MP1A	Mx	-.073	3
4	MP1A	X	0	7
5	MP1A	Z	-109.666	7
6	MP1A	Mx	-.073	7
7	MP1C	X	0	3
8	MP1C	Z	-83.924	3
9	MP1C	Mx	-.046	3
10	MP1C	X	0	7
11	MP1C	Z	-83.924	7
12	MP1C	Mx	-.046	7
13	MP1A	X	0	3
14	MP1A	Z	-109.666	3
15	MP1A	Mx	.073	3
16	MP1A	X	0	7
17	MP1A	Z	-109.666	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1A	Mx	.073	7
19	MP1C	X	0	3
20	MP1C	Z	-83.924	3
21	MP1C	Mx	-.075	3
22	MP1C	X	0	7
23	MP1C	Z	-83.924	7
24	MP1C	Mx	-.075	7
25	MP2B	X	0	3
26	MP2B	Z	-100.589	3
27	MP2B	Mx	.098	3
28	MP2B	X	0	7
29	MP2B	Z	-100.589	7
30	MP2B	Mx	.098	7
31	MP2B	X	0	3
32	MP2B	Z	-100.589	3
33	MP2B	Mx	-.012	3
34	MP2B	X	0	7
35	MP2B	Z	-100.589	7
36	MP2B	Mx	-.012	7
37	MP2A	X	0	4
38	MP2A	Z	-90.886	4
39	MP2A	Mx	0	4
40	MP2A	X	0	6
41	MP2A	Z	-90.886	6
42	MP2A	Mx	0	6
43	MP2C	X	0	4
44	MP2C	Z	-35.292	4
45	MP2C	Mx	-.026	4
46	MP2C	X	0	6
47	MP2C	Z	-35.292	6
48	MP2C	Mx	-.026	6
49	MP3B	X	0	4
50	MP3B	Z	-71.283	4
51	MP3B	Mx	.031	4
52	MP3B	X	0	6
53	MP3B	Z	-71.283	6
54	MP3B	Mx	.031	6
55	OVP	X	0	1
56	OVP	Z	-144.634	1
57	OVP	Mx	0	1
58	MP1A	X	0	5
59	MP1A	Z	-70.29	5
60	MP1A	Mx	-.009	5
61	MP1B	X	0	3
62	MP1B	Z	-64.094	3
63	MP1B	Mx	-.018	3
64	MP1C	X	0	5
65	MP1C	Z	-49.809	5
66	MP1C	Mx	.024	5
67	MP2A	X	0	5
68	MP2A	Z	-71.874	5
69	MP2A	Mx	0	5
70	MP2B	X	0	5
71	MP2B	Z	-61.195	5
72	MP2B	Mx	-.018	5
73	MP2C	X	0	5
74	MP2C	Z	-41.589	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.02	5
76	MP1B	X	0	1
77	MP1B	Z	-178.18	1
78	MP1B	Mx	.094	1
79	MP1B	X	0	5
80	MP1B	Z	-178.18	5
81	MP1B	Mx	.094	5
82	MP4A	X	0	1
83	MP4A	Z	-209.201	1
84	MP4A	Mx	.041	1
85	MP4A	X	0	5
86	MP4A	Z	-209.201	5
87	MP4A	Mx	.041	5
88	MP4C	X	0	1
89	MP4C	Z	-147.16	1
90	MP4C	Mx	-.107	1
91	MP4C	X	0	5
92	MP4C	Z	-147.16	5
93	MP4C	Mx	-.107	5
94	M24A	X	0	2
95	M24A	Z	-45.128	2
96	M24A	Mx	0	2
97	MP1A	X	0	3
98	MP1A	Z	-44.516	3
99	MP1A	Mx	0	3
100	MP2B	X	0	3
101	MP2B	Z	-34.312	3
102	MP2B	Mx	-.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	51.384	3
2	MP1A	Z	-89	3
3	MP1A	Mx	-.098	3
4	MP1A	X	51.384	7
5	MP1A	Z	-89	7
6	MP1A	Mx	-.098	7
7	MP1C	X	47.935	3
8	MP1C	Z	-83.027	3
9	MP1C	Mx	-.006	3
10	MP1C	X	47.935	7
11	MP1C	Z	-83.027	7
12	MP1C	Mx	-.006	7
13	MP1A	X	51.384	3
14	MP1A	Z	-89	3
15	MP1A	Mx	.021	3
16	MP1A	X	51.384	7
17	MP1A	Z	-89	7
18	MP1A	Mx	.021	7
19	MP1C	X	47.935	3
20	MP1C	Z	-83.027	3
21	MP1C	Mx	-.096	3
22	MP1C	X	47.935	7
23	MP1C	Z	-83.027	7
24	MP1C	Mx	-.096	7
25	MP2B	X	43.502	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	-75.347	3
27	MP2B	Mx	.084	3
28	MP2B	X	43.502	7
29	MP2B	Z	-75.347	7
30	MP2B	Mx	.084	7
31	MP2B	X	43.502	3
32	MP2B	Z	-75.347	3
33	MP2B	Mx	.035	3
34	MP2B	X	43.502	7
35	MP2B	Z	-75.347	7
36	MP2B	Mx	.035	7
37	MP2A	X	37.995	4
38	MP2A	Z	-65.809	4
39	MP2A	Mx	-.028	4
40	MP2A	X	37.995	6
41	MP2A	Z	-65.809	6
42	MP2A	Mx	-.028	6
43	MP2C	X	30.547	4
44	MP2C	Z	-52.908	4
45	MP2C	Mx	-.032	4
46	MP2C	X	30.547	6
47	MP2C	Z	-52.908	6
48	MP2C	Mx	-.032	6
49	MP3B	X	20.971	4
50	MP3B	Z	-36.323	4
51	MP3B	Mx	.029	4
52	MP3B	X	20.971	6
53	MP3B	Z	-36.323	6
54	MP3B	Mx	.029	6
55	OVP	X	64.687	1
56	OVP	Z	-112.041	1
57	OVP	Mx	0	1
58	MP1A	X	35.145	5
59	MP1A	Z	-60.873	5
60	MP1A	Mx	.009	5
61	MP1B	X	26.225	3
62	MP1B	Z	-45.422	3
63	MP1B	Mx	-.024	3
64	MP1C	X	30.025	5
65	MP1C	Z	-52.005	5
66	MP1C	Mx	.021	5
67	MP2A	X	31.88	5
68	MP2A	Z	-55.217	5
69	MP2A	Mx	.016	5
70	MP2B	X	22.606	5
71	MP2B	Z	-39.155	5
72	MP2B	Mx	-.02	5
73	MP2C	X	27.822	5
74	MP2C	Z	-48.19	5
75	MP2C	Mx	.02	5
76	MP1B	X	73.58	1
77	MP1B	Z	-127.444	1
78	MP1B	Mx	.107	1
79	MP1B	X	73.58	5
80	MP1B	Z	-127.444	5
81	MP1B	Mx	.107	5
82	MP4A	X	104.6	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4A	Z	-181.173	1
84	MP4A	Mx	-.041	1
85	MP4A	X	104.6	5
86	MP4A	Z	-181.173	5
87	MP4A	Mx	-.041	5
88	MP4C	X	89.09	1
89	MP4C	Z	-154.309	1
90	MP4C	Mx	-.094	1
91	MP4C	X	89.09	5
92	MP4C	Z	-154.309	5
93	MP4C	Mx	-.094	5
94	M24A	X	18.548	2
95	M24A	Z	-32.126	2
96	M24A	Mx	0	2
97	MP1A	X	18.381	3
98	MP1A	Z	-31.837	3
99	MP1A	Mx	.009	3
100	MP2B	X	9.521	3
101	MP2B	Z	-16.49	3
102	MP2B	Mx	-.009	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	77.053	3
2	MP1A	Z	-44.487	3
3	MP1A	Mx	-.087	3
4	MP1A	X	77.053	7
5	MP1A	Z	-44.487	7
6	MP1A	Mx	-.087	7
7	MP1C	X	93.373	3
8	MP1C	Z	-53.909	3
9	MP1C	Mx	.049	3
10	MP1C	X	93.373	7
11	MP1C	Z	-53.909	7
12	MP1C	Mx	.049	7
13	MP1A	X	77.053	3
14	MP1A	Z	-44.487	3
15	MP1A	Mx	-.028	3
16	MP1A	X	77.053	7
17	MP1A	Z	-44.487	7
18	MP1A	Mx	-.028	7
19	MP1C	X	93.373	3
20	MP1C	Z	-53.909	3
21	MP1C	Mx	-.09	3
22	MP1C	X	93.373	7
23	MP1C	Z	-53.909	7
24	MP1C	Mx	-.09	7
25	MP2B	X	71.261	3
26	MP2B	Z	-41.143	3
27	MP2B	Mx	.057	3
28	MP2B	X	71.261	7
29	MP2B	Z	-41.143	7
30	MP2B	Mx	.057	7
31	MP2B	X	71.261	3
32	MP2B	Z	-41.143	3
33	MP2B	Mx	.066	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2B	X	71.261	7
35	MP2B	Z	-41.143	7
36	MP2B	Mx	.066	7
37	MP2A	X	40.007	4
38	MP2A	Z	-23.098	4
39	MP2A	Mx	-.03	4
40	MP2A	X	40.007	6
41	MP2A	Z	-23.098	6
42	MP2A	Mx	-.03	6
43	MP2C	X	75.253	4
44	MP2C	Z	-43.447	4
45	MP2C	Mx	-.017	4
46	MP2C	X	75.253	6
47	MP2C	Z	-43.447	6
48	MP2C	Mx	-.017	6
49	MP3B	X	27.499	4
50	MP3B	Z	-15.876	4
51	MP3B	Mx	.024	4
52	MP3B	X	27.499	6
53	MP3B	Z	-15.876	6
54	MP3B	Mx	.024	6
55	OVP	X	98.825	1
56	OVP	Z	-57.057	1
57	OVP	Mx	0	1
58	MP1A	X	52.005	5
59	MP1A	Z	-30.025	5
60	MP1A	Mx	.021	5
61	MP1B	X	41.92	3
62	MP1B	Z	-24.202	3
63	MP1B	Mx	-.024	3
64	MP1C	X	60.873	5
65	MP1C	Z	-35.145	5
66	MP1C	Mx	.009	5
67	MP2A	X	41.162	5
68	MP2A	Z	-23.765	5
69	MP2A	Mx	.021	5
70	MP2B	X	34.348	5
71	MP2B	Z	-19.831	5
72	MP2B	Mx	-.02	5
73	MP2C	X	60.362	5
74	MP2C	Z	-34.85	5
75	MP2C	Mx	.009	5
76	MP1B	X	127.444	1
77	MP1B	Z	-73.58	1
78	MP1B	Mx	.107	1
79	MP1B	X	127.444	5
80	MP1B	Z	-73.58	5
81	MP1B	Mx	.107	5
82	MP4A	X	154.309	1
83	MP4A	Z	-89.09	1
84	MP4A	Mx	-.094	1
85	MP4A	X	154.309	5
86	MP4A	Z	-89.09	5
87	MP4A	Mx	-.094	5
88	MP4C	X	181.173	1
89	MP4C	Z	-104.6	1
90	MP4C	Mx	-.041	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP4C	X	181.173	5
92	MP4C	Z	-104.6	5
93	MP4C	Mx	-.041	5
94	M24A	X	25.171	2
95	M24A	Z	-14.532	2
96	M24A	Mx	0	2
97	MP1A	X	18.408	3
98	MP1A	Z	-10.628	3
99	MP1A	Mx	.009	3
100	MP2B	X	11.897	3
101	MP2B	Z	-6.869	3
102	MP2B	Mx	-.007	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	82.076	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.062	3
4	MP1A	X	82.076	7
5	MP1A	Z	0	7
6	MP1A	Mx	-.062	7
7	MP1C	X	107.818	3
8	MP1C	Z	0	3
9	MP1C	Mx	.09	3
10	MP1C	X	107.818	7
11	MP1C	Z	0	7
12	MP1C	Mx	.09	7
13	MP1A	X	82.076	3
14	MP1A	Z	0	3
15	MP1A	Mx	-.062	3
16	MP1A	X	82.076	7
17	MP1A	Z	0	7
18	MP1A	Mx	-.062	7
19	MP1C	X	107.818	3
20	MP1C	Z	0	3
21	MP1C	Mx	-.049	3
22	MP1C	X	107.818	7
23	MP1C	Z	0	7
24	MP1C	Mx	-.049	7
25	MP2B	X	91.153	3
26	MP2B	Z	0	3
27	MP2B	Mx	.021	3
28	MP2B	X	91.153	7
29	MP2B	Z	0	7
30	MP2B	Mx	.021	7
31	MP2B	X	91.153	3
32	MP2B	Z	0	3
33	MP2B	Mx	.091	3
34	MP2B	X	91.153	7
35	MP2B	Z	0	7
36	MP2B	Mx	.091	7
37	MP2A	X	31.3	4
38	MP2A	Z	0	4
39	MP2A	Mx	-.023	4
40	MP2A	X	31.3	6
41	MP2A	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	-.023	6
43	MP2C	X	86.895	4
44	MP2C	Z	0	4
45	MP2C	Mx	.017	4
46	MP2C	X	86.895	6
47	MP2C	Z	0	6
48	MP2C	Mx	.017	6
49	MP3B	X	50.903	4
50	MP3B	Z	0	4
51	MP3B	Mx	.031	4
52	MP3B	X	50.903	6
53	MP3B	Z	0	6
54	MP3B	Mx	.031	6
55	OVP	X	114.114	1
56	OVP	Z	0	1
57	OVP	Mx	0	1
58	MP1A	X	49.809	5
59	MP1A	Z	0	5
60	MP1A	Mx	.024	5
61	MP1B	X	56.006	3
62	MP1B	Z	0	3
63	MP1B	Mx	-.023	3
64	MP1C	X	70.29	5
65	MP1C	Z	0	5
66	MP1C	Mx	-.009	5
67	MP2A	X	39.415	5
68	MP2A	Z	0	5
69	MP2A	Mx	.02	5
70	MP2B	X	50.094	5
71	MP2B	Z	0	5
72	MP2B	Mx	-.021	5
73	MP2C	X	69.7	5
74	MP2C	Z	0	5
75	MP2C	Mx	-.009	5
76	MP1B	X	178.18	1
77	MP1B	Z	0	1
78	MP1B	Mx	.094	1
79	MP1B	X	178.18	5
80	MP1B	Z	0	5
81	MP1B	Mx	.094	5
82	MP4A	X	147.16	1
83	MP4A	Z	0	1
84	MP4A	Mx	-.107	1
85	MP4A	X	147.16	5
86	MP4A	Z	0	5
87	MP4A	Mx	-.107	5
88	MP4C	X	209.201	1
89	MP4C	Z	0	1
90	MP4C	Mx	.041	1
91	MP4C	X	209.201	5
92	MP4C	Z	0	5
93	MP4C	Mx	.041	5
94	M24A	X	29.065	2
95	M24A	Z	0	2
96	M24A	Mx	0	2
97	MP1A	X	13.502	3
98	MP1A	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP1A	Mx	.007	3
100	MP2B	X	23.705	3
101	MP2B	Z	0	3
102	MP2B	Mx	-.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	77.053	3
2	MP1A	Z	44.487	3
3	MP1A	Mx	-.028	3
4	MP1A	X	77.053	7
5	MP1A	Z	44.487	7
6	MP1A	Mx	-.028	7
7	MP1C	X	83.027	3
8	MP1C	Z	47.935	3
9	MP1C	Mx	.096	3
10	MP1C	X	83.027	7
11	MP1C	Z	47.935	7
12	MP1C	Mx	.096	7
13	MP1A	X	77.053	3
14	MP1A	Z	44.487	3
15	MP1A	Mx	-.087	3
16	MP1A	X	77.053	7
17	MP1A	Z	44.487	7
18	MP1A	Mx	-.087	7
19	MP1C	X	83.027	3
20	MP1C	Z	47.935	3
21	MP1C	Mx	.006	3
22	MP1C	X	83.027	7
23	MP1C	Z	47.935	7
24	MP1C	Mx	.006	7
25	MP2B	X	90.706	3
26	MP2B	Z	52.369	3
27	MP2B	Mx	-.03	3
28	MP2B	X	90.706	7
29	MP2B	Z	52.369	7
30	MP2B	Mx	-.03	7
31	MP2B	X	90.706	3
32	MP2B	Z	52.369	3
33	MP2B	Mx	.096	3
34	MP2B	X	90.706	7
35	MP2B	Z	52.369	7
36	MP2B	Mx	.096	7
37	MP2A	X	40.007	4
38	MP2A	Z	23.098	4
39	MP2A	Mx	-.03	4
40	MP2A	X	40.007	6
41	MP2A	Z	23.098	6
42	MP2A	Mx	-.03	6
43	MP2C	X	52.908	4
44	MP2C	Z	30.547	4
45	MP2C	Mx	.032	4
46	MP2C	X	52.908	6
47	MP2C	Z	30.547	6
48	MP2C	Mx	.032	6
49	MP3B	X	69.493	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3B	Z	40.122	4
51	MP3B	Mx	.025	4
52	MP3B	X	69.493	6
53	MP3B	Z	40.122	6
54	MP3B	Mx	.025	6
55	OVP	X	112.041	1
56	OVP	Z	64.687	1
57	OVP	Mx	0	1
58	MP1A	X	43.136	5
59	MP1A	Z	24.905	5
60	MP1A	Mx	.024	5
61	MP1B	X	58.587	3
62	MP1B	Z	33.825	3
63	MP1B	Mx	-.014	3
64	MP1C	X	52.005	5
65	MP1C	Z	30.025	5
66	MP1C	Mx	-.021	5
67	MP2A	X	41.162	5
68	MP2A	Z	23.765	5
69	MP2A	Mx	.021	5
70	MP2B	X	57.224	5
71	MP2B	Z	33.038	5
72	MP2B	Mx	-.014	5
73	MP2C	X	48.19	5
74	MP2C	Z	27.822	5
75	MP2C	Mx	-.02	5
76	MP1B	X	181.173	1
77	MP1B	Z	104.6	1
78	MP1B	Mx	.041	1
79	MP1B	X	181.173	5
80	MP1B	Z	104.6	5
81	MP1B	Mx	.041	5
82	MP4A	X	127.444	1
83	MP4A	Z	73.58	1
84	MP4A	Mx	-.107	1
85	MP4A	X	127.444	5
86	MP4A	Z	73.58	5
87	MP4A	Mx	-.107	5
88	MP4C	X	154.309	1
89	MP4C	Z	89.09	1
90	MP4C	Mx	.094	1
91	MP4C	X	154.309	5
92	MP4C	Z	89.09	5
93	MP4C	Mx	.094	5
94	M24A	X	32.126	2
95	M24A	Z	18.548	2
96	M24A	Mx	0	2
97	MP1A	X	18.408	3
98	MP1A	Z	10.628	3
99	MP1A	Mx	.009	3
100	MP2B	X	33.755	3
101	MP2B	Z	19.488	3
102	MP2B	Mx	-.008	3

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	51.384	3
2	MP1A	Z	89	3
3	MP1A	Mx	.021	3
4	MP1A	X	51.384	7
5	MP1A	Z	89	7
6	MP1A	Mx	.021	7
7	MP1C	X	41.962	3
8	MP1C	Z	72.68	3
9	MP1C	Mx	.075	3
10	MP1C	X	41.962	7
11	MP1C	Z	72.68	7
12	MP1C	Mx	.075	7
13	MP1A	X	51.384	3
14	MP1A	Z	89	3
15	MP1A	Mx	-.098	3
16	MP1A	X	51.384	7
17	MP1A	Z	89	7
18	MP1A	Mx	-.098	7
19	MP1C	X	41.962	3
20	MP1C	Z	72.68	3
21	MP1C	Mx	.046	3
22	MP1C	X	41.962	7
23	MP1C	Z	72.68	7
24	MP1C	Mx	.046	7
25	MP2B	X	54.728	3
26	MP2B	Z	94.792	3
27	MP2B	Mx	-.08	3
28	MP2B	X	54.728	7
29	MP2B	Z	94.792	7
30	MP2B	Mx	-.08	7
31	MP2B	X	54.728	3
32	MP2B	Z	94.792	3
33	MP2B	Mx	.066	3
34	MP2B	X	54.728	7
35	MP2B	Z	94.792	7
36	MP2B	Mx	.066	7
37	MP2A	X	37.995	4
38	MP2A	Z	65.809	4
39	MP2A	Mx	-.028	4
40	MP2A	X	37.995	6
41	MP2A	Z	65.809	6
42	MP2A	Mx	-.028	6
43	MP2C	X	17.646	4
44	MP2C	Z	30.563	4
45	MP2C	Mx	.026	4
46	MP2C	X	17.646	6
47	MP2C	Z	30.563	6
48	MP2C	Mx	.026	6
49	MP3B	X	45.217	4
50	MP3B	Z	78.318	4
51	MP3B	Mx	-.006	4
52	MP3B	X	45.217	6
53	MP3B	Z	78.318	6
54	MP3B	Mx	-.006	6
55	OVP	X	72.317	1
56	OVP	Z	125.256	1
57	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	30.025	5
59	MP1A	Z	52.005	5
60	MP1A	Mx	.021	5
61	MP1B	X	35.847	3
62	MP1B	Z	62.089	3
63	MP1B	Mx	.003	3
64	MP1C	X	24.905	5
65	MP1C	Z	43.136	5
66	MP1C	Mx	-.024	5
67	MP2A	X	31.88	5
68	MP2A	Z	55.217	5
69	MP2A	Mx	.016	5
70	MP2B	X	35.814	5
71	MP2B	Z	62.031	5
72	MP2B	Mx	.003	5
73	MP2C	X	20.795	5
74	MP2C	Z	36.017	5
75	MP2C	Mx	-.02	5
76	MP1B	X	104.6	1
77	MP1B	Z	181.173	1
78	MP1B	Mx	-.041	1
79	MP1B	X	104.6	5
80	MP1B	Z	181.173	5
81	MP1B	Mx	-.041	5
82	MP4A	X	89.09	1
83	MP4A	Z	154.309	1
84	MP4A	Mx	-.094	1
85	MP4A	X	89.09	5
86	MP4A	Z	154.309	5
87	MP4A	Mx	-.094	5
88	MP4C	X	73.58	1
89	MP4C	Z	127.444	1
90	MP4C	Mx	.107	1
91	MP4C	X	73.58	5
92	MP4C	Z	127.444	5
93	MP4C	Mx	.107	5
94	M24A	X	22.564	2
95	M24A	Z	39.082	2
96	M24A	Mx	0	2
97	MP1A	X	18.381	3
98	MP1A	Z	31.837	3
99	MP1A	Mx	.009	3
100	MP2B	X	22.14	3
101	MP2B	Z	38.348	3
102	MP2B	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	109.666	3
3	MP1A	Mx	.073	3
4	MP1A	X	0	7
5	MP1A	Z	109.666	7
6	MP1A	Mx	.073	7
7	MP1C	X	0	3
8	MP1C	Z	83.924	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	.046	3
10	MP1C	X	0	7
11	MP1C	Z	83.924	7
12	MP1C	Mx	.046	7
13	MP1A	X	0	3
14	MP1A	Z	109.666	3
15	MP1A	Mx	-.073	3
16	MP1A	X	0	7
17	MP1A	Z	109.666	7
18	MP1A	Mx	-.073	7
19	MP1C	X	0	3
20	MP1C	Z	83.924	3
21	MP1C	Mx	.075	3
22	MP1C	X	0	7
23	MP1C	Z	83.924	7
24	MP1C	Mx	.075	7
25	MP2B	X	0	3
26	MP2B	Z	100.589	3
27	MP2B	Mx	-.098	3
28	MP2B	X	0	7
29	MP2B	Z	100.589	7
30	MP2B	Mx	-.098	7
31	MP2B	X	0	3
32	MP2B	Z	100.589	3
33	MP2B	Mx	.012	3
34	MP2B	X	0	7
35	MP2B	Z	100.589	7
36	MP2B	Mx	.012	7
37	MP2A	X	0	4
38	MP2A	Z	90.886	4
39	MP2A	Mx	0	4
40	MP2A	X	0	6
41	MP2A	Z	90.886	6
42	MP2A	Mx	0	6
43	MP2C	X	0	4
44	MP2C	Z	35.292	4
45	MP2C	Mx	.026	4
46	MP2C	X	0	6
47	MP2C	Z	35.292	6
48	MP2C	Mx	.026	6
49	MP3B	X	0	4
50	MP3B	Z	71.283	4
51	MP3B	Mx	-.031	4
52	MP3B	X	0	6
53	MP3B	Z	71.283	6
54	MP3B	Mx	-.031	6
55	OVP	X	0	1
56	OVP	Z	144.634	1
57	OVP	Mx	0	1
58	MP1A	X	0	5
59	MP1A	Z	70.29	5
60	MP1A	Mx	.009	5
61	MP1B	X	0	3
62	MP1B	Z	64.094	3
63	MP1B	Mx	.018	3
64	MP1C	X	0	5
65	MP1C	Z	49.809	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1C	Mx	-.024	5
67	MP2A	X	0	5
68	MP2A	Z	71.874	5
69	MP2A	Mx	0	5
70	MP2B	X	0	5
71	MP2B	Z	61.195	5
72	MP2B	Mx	.018	5
73	MP2C	X	0	5
74	MP2C	Z	41.589	5
75	MP2C	Mx	-.02	5
76	MP1B	X	0	1
77	MP1B	Z	178.18	1
78	MP1B	Mx	-.094	1
79	MP1B	X	0	5
80	MP1B	Z	178.18	5
81	MP1B	Mx	-.094	5
82	MP4A	X	0	1
83	MP4A	Z	209.201	1
84	MP4A	Mx	-.041	1
85	MP4A	X	0	5
86	MP4A	Z	209.201	5
87	MP4A	Mx	-.041	5
88	MP4C	X	0	1
89	MP4C	Z	147.16	1
90	MP4C	Mx	.107	1
91	MP4C	X	0	5
92	MP4C	Z	147.16	5
93	MP4C	Mx	.107	5
94	M24A	X	0	2
95	M24A	Z	45.128	2
96	M24A	Mx	0	2
97	MP1A	X	0	3
98	MP1A	Z	44.516	3
99	MP1A	Mx	0	3
100	MP2B	X	0	3
101	MP2B	Z	34.312	3
102	MP2B	Mx	.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-51.384	3
2	MP1A	Z	89	3
3	MP1A	Mx	.098	3
4	MP1A	X	-51.384	7
5	MP1A	Z	89	7
6	MP1A	Mx	.098	7
7	MP1C	X	-47.935	3
8	MP1C	Z	83.027	3
9	MP1C	Mx	.006	3
10	MP1C	X	-47.935	7
11	MP1C	Z	83.027	7
12	MP1C	Mx	.006	7
13	MP1A	X	-51.384	3
14	MP1A	Z	89	3
15	MP1A	Mx	-.021	3
16	MP1A	X	-51.384	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	89	7
18	MP1A	Mx	-.021	7
19	MP1C	X	-47.935	3
20	MP1C	Z	83.027	3
21	MP1C	Mx	.096	3
22	MP1C	X	-47.935	7
23	MP1C	Z	83.027	7
24	MP1C	Mx	.096	7
25	MP2B	X	-43.502	3
26	MP2B	Z	75.347	3
27	MP2B	Mx	-.084	3
28	MP2B	X	-43.502	7
29	MP2B	Z	75.347	7
30	MP2B	Mx	-.084	7
31	MP2B	X	-43.502	3
32	MP2B	Z	75.347	3
33	MP2B	Mx	-.035	3
34	MP2B	X	-43.502	7
35	MP2B	Z	75.347	7
36	MP2B	Mx	-.035	7
37	MP2A	X	-37.995	4
38	MP2A	Z	65.809	4
39	MP2A	Mx	.028	4
40	MP2A	X	-37.995	6
41	MP2A	Z	65.809	6
42	MP2A	Mx	.028	6
43	MP2C	X	-30.547	4
44	MP2C	Z	52.908	4
45	MP2C	Mx	.032	4
46	MP2C	X	-30.547	6
47	MP2C	Z	52.908	6
48	MP2C	Mx	.032	6
49	MP3B	X	-20.971	4
50	MP3B	Z	36.323	4
51	MP3B	Mx	-.029	4
52	MP3B	X	-20.971	6
53	MP3B	Z	36.323	6
54	MP3B	Mx	-.029	6
55	OVP	X	-64.687	1
56	OVP	Z	112.041	1
57	OVP	Mx	0	1
58	MP1A	X	-35.145	5
59	MP1A	Z	60.873	5
60	MP1A	Mx	-.009	5
61	MP1B	X	-26.225	3
62	MP1B	Z	45.422	3
63	MP1B	Mx	.024	3
64	MP1C	X	-30.025	5
65	MP1C	Z	52.005	5
66	MP1C	Mx	-.021	5
67	MP2A	X	-31.88	5
68	MP2A	Z	55.217	5
69	MP2A	Mx	-.016	5
70	MP2B	X	-22.606	5
71	MP2B	Z	39.155	5
72	MP2B	Mx	.02	5
73	MP2C	X	-27.822	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	48.19	5
75	MP2C	Mx	-.02	5
76	MP1B	X	-73.58	1
77	MP1B	Z	127.444	1
78	MP1B	Mx	-.107	1
79	MP1B	X	-73.58	5
80	MP1B	Z	127.444	5
81	MP1B	Mx	-.107	5
82	MP4A	X	-104.6	1
83	MP4A	Z	181.173	1
84	MP4A	Mx	.041	1
85	MP4A	X	-104.6	5
86	MP4A	Z	181.173	5
87	MP4A	Mx	.041	5
88	MP4C	X	-89.09	1
89	MP4C	Z	154.309	1
90	MP4C	Mx	.094	1
91	MP4C	X	-89.09	5
92	MP4C	Z	154.309	5
93	MP4C	Mx	.094	5
94	M24A	X	-18.548	2
95	M24A	Z	32.126	2
96	M24A	Mx	0	2
97	MP1A	X	-18.381	3
98	MP1A	Z	31.837	3
99	MP1A	Mx	-.009	3
100	MP2B	X	-9.521	3
101	MP2B	Z	16.49	3
102	MP2B	Mx	.009	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-77.053	3
2	MP1A	Z	44.487	3
3	MP1A	Mx	.087	3
4	MP1A	X	-77.053	7
5	MP1A	Z	44.487	7
6	MP1A	Mx	.087	7
7	MP1C	X	-93.373	3
8	MP1C	Z	53.909	3
9	MP1C	Mx	-.049	3
10	MP1C	X	-93.373	7
11	MP1C	Z	53.909	7
12	MP1C	Mx	-.049	7
13	MP1A	X	-77.053	3
14	MP1A	Z	44.487	3
15	MP1A	Mx	.028	3
16	MP1A	X	-77.053	7
17	MP1A	Z	44.487	7
18	MP1A	Mx	.028	7
19	MP1C	X	-93.373	3
20	MP1C	Z	53.909	3
21	MP1C	Mx	.09	3
22	MP1C	X	-93.373	7
23	MP1C	Z	53.909	7
24	MP1C	Mx	.09	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	-71.261	3
26	MP2B	Z	41.143	3
27	MP2B	Mx	-.057	3
28	MP2B	X	-71.261	7
29	MP2B	Z	41.143	7
30	MP2B	Mx	-.057	7
31	MP2B	X	-71.261	3
32	MP2B	Z	41.143	3
33	MP2B	Mx	-.066	3
34	MP2B	X	-71.261	7
35	MP2B	Z	41.143	7
36	MP2B	Mx	-.066	7
37	MP2A	X	-40.007	4
38	MP2A	Z	23.098	4
39	MP2A	Mx	.03	4
40	MP2A	X	-40.007	6
41	MP2A	Z	23.098	6
42	MP2A	Mx	.03	6
43	MP2C	X	-75.253	4
44	MP2C	Z	43.447	4
45	MP2C	Mx	.017	4
46	MP2C	X	-75.253	6
47	MP2C	Z	43.447	6
48	MP2C	Mx	.017	6
49	MP3B	X	-27.499	4
50	MP3B	Z	15.876	4
51	MP3B	Mx	-.024	4
52	MP3B	X	-27.499	6
53	MP3B	Z	15.876	6
54	MP3B	Mx	-.024	6
55	OVP	X	-98.825	1
56	OVP	Z	57.057	1
57	OVP	Mx	0	1
58	MP1A	X	-52.005	5
59	MP1A	Z	30.025	5
60	MP1A	Mx	-.021	5
61	MP1B	X	-41.92	3
62	MP1B	Z	24.202	3
63	MP1B	Mx	.024	3
64	MP1C	X	-60.873	5
65	MP1C	Z	35.145	5
66	MP1C	Mx	-.009	5
67	MP2A	X	-41.162	5
68	MP2A	Z	23.765	5
69	MP2A	Mx	-.021	5
70	MP2B	X	-34.348	5
71	MP2B	Z	19.831	5
72	MP2B	Mx	.02	5
73	MP2C	X	-60.362	5
74	MP2C	Z	34.85	5
75	MP2C	Mx	-.009	5
76	MP1B	X	-127.444	1
77	MP1B	Z	73.58	1
78	MP1B	Mx	-.107	1
79	MP1B	X	-127.444	5
80	MP1B	Z	73.58	5
81	MP1B	Mx	-.107	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4A	X	-154.309	1
83	MP4A	Z	89.09	1
84	MP4A	Mx	.094	1
85	MP4A	X	-154.309	5
86	MP4A	Z	89.09	5
87	MP4A	Mx	.094	5
88	MP4C	X	-181.173	1
89	MP4C	Z	104.6	1
90	MP4C	Mx	.041	1
91	MP4C	X	-181.173	5
92	MP4C	Z	104.6	5
93	MP4C	Mx	.041	5
94	M24A	X	-25.171	2
95	M24A	Z	14.532	2
96	M24A	Mx	0	2
97	MP1A	X	-18.408	3
98	MP1A	Z	10.628	3
99	MP1A	Mx	-.009	3
100	MP2B	X	-11.897	3
101	MP2B	Z	6.869	3
102	MP2B	Mx	.007	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-82.076	3
2	MP1A	Z	0	3
3	MP1A	Mx	.062	3
4	MP1A	X	-82.076	7
5	MP1A	Z	0	7
6	MP1A	Mx	.062	7
7	MP1C	X	-107.818	3
8	MP1C	Z	0	3
9	MP1C	Mx	-.09	3
10	MP1C	X	-107.818	7
11	MP1C	Z	0	7
12	MP1C	Mx	-.09	7
13	MP1A	X	-82.076	3
14	MP1A	Z	0	3
15	MP1A	Mx	.062	3
16	MP1A	X	-82.076	7
17	MP1A	Z	0	7
18	MP1A	Mx	.062	7
19	MP1C	X	-107.818	3
20	MP1C	Z	0	3
21	MP1C	Mx	.049	3
22	MP1C	X	-107.818	7
23	MP1C	Z	0	7
24	MP1C	Mx	.049	7
25	MP2B	X	-91.153	3
26	MP2B	Z	0	3
27	MP2B	Mx	-.021	3
28	MP2B	X	-91.153	7
29	MP2B	Z	0	7
30	MP2B	Mx	-.021	7
31	MP2B	X	-91.153	3
32	MP2B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2B	Mx	-.091	3
34	MP2B	X	-91.153	7
35	MP2B	Z	0	7
36	MP2B	Mx	-.091	7
37	MP2A	X	-31.3	4
38	MP2A	Z	0	4
39	MP2A	Mx	.023	4
40	MP2A	X	-31.3	6
41	MP2A	Z	0	6
42	MP2A	Mx	.023	6
43	MP2C	X	-86.895	4
44	MP2C	Z	0	4
45	MP2C	Mx	-.017	4
46	MP2C	X	-86.895	6
47	MP2C	Z	0	6
48	MP2C	Mx	-.017	6
49	MP3B	X	-50.903	4
50	MP3B	Z	0	4
51	MP3B	Mx	-.031	4
52	MP3B	X	-50.903	6
53	MP3B	Z	0	6
54	MP3B	Mx	-.031	6
55	OVP	X	-114.114	1
56	OVP	Z	0	1
57	OVP	Mx	0	1
58	MP1A	X	-49.809	5
59	MP1A	Z	0	5
60	MP1A	Mx	-.024	5
61	MP1B	X	-56.006	3
62	MP1B	Z	0	3
63	MP1B	Mx	.023	3
64	MP1C	X	-70.29	5
65	MP1C	Z	0	5
66	MP1C	Mx	.009	5
67	MP2A	X	-39.415	5
68	MP2A	Z	0	5
69	MP2A	Mx	-.02	5
70	MP2B	X	-50.094	5
71	MP2B	Z	0	5
72	MP2B	Mx	.021	5
73	MP2C	X	-69.7	5
74	MP2C	Z	0	5
75	MP2C	Mx	.009	5
76	MP1B	X	-178.18	1
77	MP1B	Z	0	1
78	MP1B	Mx	-.094	1
79	MP1B	X	-178.18	5
80	MP1B	Z	0	5
81	MP1B	Mx	-.094	5
82	MP4A	X	-147.16	1
83	MP4A	Z	0	1
84	MP4A	Mx	.107	1
85	MP4A	X	-147.16	5
86	MP4A	Z	0	5
87	MP4A	Mx	.107	5
88	MP4C	X	-209.201	1
89	MP4C	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4C	Mx	-.041	1
91	MP4C	X	-209.201	5
92	MP4C	Z	0	5
93	MP4C	Mx	-.041	5
94	M24A	X	-29.065	2
95	M24A	Z	0	2
96	M24A	Mx	0	2
97	MP1A	X	-13.502	3
98	MP1A	Z	0	3
99	MP1A	Mx	-.007	3
100	MP2B	X	-23.705	3
101	MP2B	Z	0	3
102	MP2B	Mx	.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-77.053	3
2	MP1A	Z	-44.487	3
3	MP1A	Mx	.028	3
4	MP1A	X	-77.053	7
5	MP1A	Z	-44.487	7
6	MP1A	Mx	.028	7
7	MP1C	X	-83.027	3
8	MP1C	Z	-47.935	3
9	MP1C	Mx	-.096	3
10	MP1C	X	-83.027	7
11	MP1C	Z	-47.935	7
12	MP1C	Mx	-.096	7
13	MP1A	X	-77.053	3
14	MP1A	Z	-44.487	3
15	MP1A	Mx	.087	3
16	MP1A	X	-77.053	7
17	MP1A	Z	-44.487	7
18	MP1A	Mx	.087	7
19	MP1C	X	-83.027	3
20	MP1C	Z	-47.935	3
21	MP1C	Mx	-.006	3
22	MP1C	X	-83.027	7
23	MP1C	Z	-47.935	7
24	MP1C	Mx	-.006	7
25	MP2B	X	-90.706	3
26	MP2B	Z	-52.369	3
27	MP2B	Mx	.03	3
28	MP2B	X	-90.706	7
29	MP2B	Z	-52.369	7
30	MP2B	Mx	.03	7
31	MP2B	X	-90.706	3
32	MP2B	Z	-52.369	3
33	MP2B	Mx	-.096	3
34	MP2B	X	-90.706	7
35	MP2B	Z	-52.369	7
36	MP2B	Mx	-.096	7
37	MP2A	X	-40.007	4
38	MP2A	Z	-23.098	4
39	MP2A	Mx	.03	4
40	MP2A	X	-40.007	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-23.098	6
42	MP2A	Mx	.03	6
43	MP2C	X	-52.908	4
44	MP2C	Z	-30.547	4
45	MP2C	Mx	-.032	4
46	MP2C	X	-52.908	6
47	MP2C	Z	-30.547	6
48	MP2C	Mx	-.032	6
49	MP3B	X	-69.493	4
50	MP3B	Z	-40.122	4
51	MP3B	Mx	-.025	4
52	MP3B	X	-69.493	6
53	MP3B	Z	-40.122	6
54	MP3B	Mx	-.025	6
55	OVP	X	-112.041	1
56	OVP	Z	-64.687	1
57	OVP	Mx	0	1
58	MP1A	X	-43.136	5
59	MP1A	Z	-24.905	5
60	MP1A	Mx	-.024	5
61	MP1B	X	-58.587	3
62	MP1B	Z	-33.825	3
63	MP1B	Mx	.014	3
64	MP1C	X	-52.005	5
65	MP1C	Z	-30.025	5
66	MP1C	Mx	.021	5
67	MP2A	X	-41.162	5
68	MP2A	Z	-23.765	5
69	MP2A	Mx	-.021	5
70	MP2B	X	-57.224	5
71	MP2B	Z	-33.038	5
72	MP2B	Mx	.014	5
73	MP2C	X	-48.19	5
74	MP2C	Z	-27.822	5
75	MP2C	Mx	.02	5
76	MP1B	X	-181.173	1
77	MP1B	Z	-104.6	1
78	MP1B	Mx	-.041	1
79	MP1B	X	-181.173	5
80	MP1B	Z	-104.6	5
81	MP1B	Mx	-.041	5
82	MP4A	X	-127.444	1
83	MP4A	Z	-73.58	1
84	MP4A	Mx	.107	1
85	MP4A	X	-127.444	5
86	MP4A	Z	-73.58	5
87	MP4A	Mx	.107	5
88	MP4C	X	-154.309	1
89	MP4C	Z	-89.09	1
90	MP4C	Mx	-.094	1
91	MP4C	X	-154.309	5
92	MP4C	Z	-89.09	5
93	MP4C	Mx	-.094	5
94	M24A	X	-32.126	2
95	M24A	Z	-18.548	2
96	M24A	Mx	0	2
97	MP1A	X	-18.408	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1A	Z	-10.628	3
99	MP1A	Mx	-.009	3
100	MP2B	X	-33.755	3
101	MP2B	Z	-19.488	3
102	MP2B	Mx	.008	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-51.384	3
2	MP1A	Z	-89	3
3	MP1A	Mx	-.021	3
4	MP1A	X	-51.384	7
5	MP1A	Z	-89	7
6	MP1A	Mx	-.021	7
7	MP1C	X	-41.962	3
8	MP1C	Z	-72.68	3
9	MP1C	Mx	-.075	3
10	MP1C	X	-41.962	7
11	MP1C	Z	-72.68	7
12	MP1C	Mx	-.075	7
13	MP1A	X	-51.384	3
14	MP1A	Z	-89	3
15	MP1A	Mx	.098	3
16	MP1A	X	-51.384	7
17	MP1A	Z	-89	7
18	MP1A	Mx	.098	7
19	MP1C	X	-41.962	3
20	MP1C	Z	-72.68	3
21	MP1C	Mx	-.046	3
22	MP1C	X	-41.962	7
23	MP1C	Z	-72.68	7
24	MP1C	Mx	-.046	7
25	MP2B	X	-54.728	3
26	MP2B	Z	-94.792	3
27	MP2B	Mx	.08	3
28	MP2B	X	-54.728	7
29	MP2B	Z	-94.792	7
30	MP2B	Mx	.08	7
31	MP2B	X	-54.728	3
32	MP2B	Z	-94.792	3
33	MP2B	Mx	-.066	3
34	MP2B	X	-54.728	7
35	MP2B	Z	-94.792	7
36	MP2B	Mx	-.066	7
37	MP2A	X	-37.995	4
38	MP2A	Z	-65.809	4
39	MP2A	Mx	.028	4
40	MP2A	X	-37.995	6
41	MP2A	Z	-65.809	6
42	MP2A	Mx	.028	6
43	MP2C	X	-17.646	4
44	MP2C	Z	-30.563	4
45	MP2C	Mx	-.026	4
46	MP2C	X	-17.646	6
47	MP2C	Z	-30.563	6
48	MP2C	Mx	-.026	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3B	X	-45.217	4
50	MP3B	Z	-78.318	4
51	MP3B	Mx	.006	4
52	MP3B	X	-45.217	6
53	MP3B	Z	-78.318	6
54	MP3B	Mx	.006	6
55	OVP	X	-72.317	1
56	OVP	Z	-125.256	1
57	OVP	Mx	0	1
58	MP1A	X	-30.025	5
59	MP1A	Z	-52.005	5
60	MP1A	Mx	-.021	5
61	MP1B	X	-35.847	3
62	MP1B	Z	-62.089	3
63	MP1B	Mx	-.003	3
64	MP1C	X	-24.905	5
65	MP1C	Z	-43.136	5
66	MP1C	Mx	.024	5
67	MP2A	X	-31.88	5
68	MP2A	Z	-55.217	5
69	MP2A	Mx	-.016	5
70	MP2B	X	-35.814	5
71	MP2B	Z	-62.031	5
72	MP2B	Mx	-.003	5
73	MP2C	X	-20.795	5
74	MP2C	Z	-36.017	5
75	MP2C	Mx	.02	5
76	MP1B	X	-104.6	1
77	MP1B	Z	-181.173	1
78	MP1B	Mx	.041	1
79	MP1B	X	-104.6	5
80	MP1B	Z	-181.173	5
81	MP1B	Mx	.041	5
82	MP4A	X	-89.09	1
83	MP4A	Z	-154.309	1
84	MP4A	Mx	.094	1
85	MP4A	X	-89.09	5
86	MP4A	Z	-154.309	5
87	MP4A	Mx	.094	5
88	MP4C	X	-73.58	1
89	MP4C	Z	-127.444	1
90	MP4C	Mx	-.107	1
91	MP4C	X	-73.58	5
92	MP4C	Z	-127.444	5
93	MP4C	Mx	-.107	5
94	M24A	X	-22.564	2
95	M24A	Z	-39.082	2
96	M24A	Mx	0	2
97	MP1A	X	-18.381	3
98	MP1A	Z	-31.837	3
99	MP1A	Mx	-.009	3
100	MP2B	X	-22.14	3
101	MP2B	Z	-38.348	3
102	MP2B	Mx	-.002	3

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-39.967	3
3	MP1A	Mx	-.027	3
4	MP1A	X	0	7
5	MP1A	Z	-39.967	7
6	MP1A	Mx	-.027	7
7	MP1C	X	0	3
8	MP1C	Z	-30.894	3
9	MP1C	Mx	-.017	3
10	MP1C	X	0	7
11	MP1C	Z	-30.894	7
12	MP1C	Mx	-.017	7
13	MP1A	X	0	3
14	MP1A	Z	-39.967	3
15	MP1A	Mx	.027	3
16	MP1A	X	0	7
17	MP1A	Z	-39.967	7
18	MP1A	Mx	.027	7
19	MP1C	X	0	3
20	MP1C	Z	-30.894	3
21	MP1C	Mx	-.028	3
22	MP1C	X	0	7
23	MP1C	Z	-30.894	7
24	MP1C	Mx	-.028	7
25	MP2B	X	0	3
26	MP2B	Z	-36.768	3
27	MP2B	Mx	.036	3
28	MP2B	X	0	7
29	MP2B	Z	-36.768	7
30	MP2B	Mx	.036	7
31	MP2B	X	0	3
32	MP2B	Z	-36.768	3
33	MP2B	Mx	-.004	3
34	MP2B	X	0	7
35	MP2B	Z	-36.768	7
36	MP2B	Mx	-.004	7
37	MP2A	X	0	4
38	MP2A	Z	-19.725	4
39	MP2A	Mx	0	4
40	MP2A	X	0	6
41	MP2A	Z	-19.725	6
42	MP2A	Mx	0	6
43	MP2C	X	0	4
44	MP2C	Z	-9.168	4
45	MP2C	Mx	-.007	4
46	MP2C	X	0	6
47	MP2C	Z	-9.168	6
48	MP2C	Mx	-.007	6
49	MP3B	X	0	4
50	MP3B	Z	-16.002	4
51	MP3B	Mx	.007	4
52	MP3B	X	0	6
53	MP3B	Z	-16.002	6
54	MP3B	Mx	.007	6
55	OVP	X	0	1
56	OVP	Z	-31.33	1
57	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	5
59	MP1A	Z	-16.296	5
60	MP1A	Mx	-.002	5
61	MP1B	X	0	3
62	MP1B	Z	-14.971	3
63	MP1B	Mx	-.004	3
64	MP1C	X	0	5
65	MP1C	Z	-11.916	5
66	MP1C	Mx	.006	5
67	MP2A	X	0	5
68	MP2A	Z	-16.635	5
69	MP2A	Mx	0	5
70	MP2B	X	0	5
71	MP2B	Z	-14.339	5
72	MP2B	Mx	-.004	5
73	MP2C	X	0	5
74	MP2C	Z	-10.122	5
75	MP2C	Mx	.005	5
76	MP1B	X	0	1
77	MP1B	Z	-31.894	1
78	MP1B	Mx	.017	1
79	MP1B	X	0	5
80	MP1B	Z	-31.894	5
81	MP1B	Mx	.017	5
82	MP4A	X	0	1
83	MP4A	Z	-36.939	1
84	MP4A	Mx	.007	1
85	MP4A	X	0	5
86	MP4A	Z	-36.939	5
87	MP4A	Mx	.007	5
88	MP4C	X	0	1
89	MP4C	Z	-26.849	1
90	MP4C	Mx	-.019	1
91	MP4C	X	0	5
92	MP4C	Z	-26.849	5
93	MP4C	Mx	-.019	5
94	M24A	X	0	2
95	M24A	Z	-8.477	2
96	M24A	Mx	0	2
97	MP1A	X	0	3
98	MP1A	Z	-9.152	3
99	MP1A	Mx	0	3
100	MP2B	X	0	3
101	MP2B	Z	-7.278	3
102	MP2B	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	18.768	3
2	MP1A	Z	-32.507	3
3	MP1A	Mx	-.036	3
4	MP1A	X	18.768	7
5	MP1A	Z	-32.507	7
6	MP1A	Mx	-.036	7
7	MP1C	X	17.552	3
8	MP1C	Z	-30.402	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	-.002	3
10	MP1C	X	17.552	7
11	MP1C	Z	-30.402	7
12	MP1C	Mx	-.002	7
13	MP1A	X	18.768	3
14	MP1A	Z	-32.507	3
15	MP1A	Mx	.008	3
16	MP1A	X	18.768	7
17	MP1A	Z	-32.507	7
18	MP1A	Mx	.008	7
19	MP1C	X	17.552	3
20	MP1C	Z	-30.402	3
21	MP1C	Mx	-.035	3
22	MP1C	X	17.552	7
23	MP1C	Z	-30.402	7
24	MP1C	Mx	-.035	7
25	MP2B	X	15.99	3
26	MP2B	Z	-27.695	3
27	MP2B	Mx	.031	3
28	MP2B	X	15.99	7
29	MP2B	Z	-27.695	7
30	MP2B	Mx	.031	7
31	MP2B	X	15.99	3
32	MP2B	Z	-27.695	3
33	MP2B	Mx	.013	3
34	MP2B	X	15.99	7
35	MP2B	Z	-27.695	7
36	MP2B	Mx	.013	7
37	MP2A	X	8.448	4
38	MP2A	Z	-14.632	4
39	MP2A	Mx	-.006	4
40	MP2A	X	8.448	6
41	MP2A	Z	-14.632	6
42	MP2A	Mx	-.006	6
43	MP2C	X	7.034	4
44	MP2C	Z	-12.183	4
45	MP2C	Mx	-.007	4
46	MP2C	X	7.034	6
47	MP2C	Z	-12.183	6
48	MP2C	Mx	-.007	6
49	MP3B	X	5.216	4
50	MP3B	Z	-9.034	4
51	MP3B	Mx	.007	4
52	MP3B	X	5.216	6
53	MP3B	Z	-9.034	6
54	MP3B	Mx	.007	6
55	OVP	X	13.478	1
56	OVP	Z	-23.344	1
57	OVP	Mx	0	1
58	MP1A	X	8.148	5
59	MP1A	Z	-14.113	5
60	MP1A	Mx	.002	5
61	MP1B	X	6.24	3
62	MP1B	Z	-10.808	3
63	MP1B	Mx	-.006	3
64	MP1C	X	7.053	5
65	MP1C	Z	-12.216	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1C	Mx	.005	5
67	MP2A	X	7.445	5
68	MP2A	Z	-12.895	5
69	MP2A	Mx	.004	5
70	MP2B	X	5.451	5
71	MP2B	Z	-9.441	5
72	MP2B	Mx	-.005	5
73	MP2C	X	6.572	5
74	MP2C	Z	-11.384	5
75	MP2C	Mx	.005	5
76	MP1B	X	13.424	1
77	MP1B	Z	-23.252	1
78	MP1B	Mx	.019	1
79	MP1B	X	13.424	5
80	MP1B	Z	-23.252	5
81	MP1B	Mx	.019	5
82	MP4A	X	18.469	1
83	MP4A	Z	-31.99	1
84	MP4A	Mx	-.007	1
85	MP4A	X	18.469	5
86	MP4A	Z	-31.99	5
87	MP4A	Mx	-.007	5
88	MP4C	X	15.947	1
89	MP4C	Z	-27.621	1
90	MP4C	Mx	-.017	1
91	MP4C	X	15.947	5
92	MP4C	Z	-27.621	5
93	MP4C	Mx	-.017	5
94	M24A	X	3.702	2
95	M24A	Z	-6.412	2
96	M24A	Mx	0	2
97	MP1A	X	3.864	3
98	MP1A	Z	-6.692	3
99	MP1A	Mx	.002	3
100	MP2B	X	2.237	3
101	MP2B	Z	-3.874	3
102	MP2B	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	28.296	3
2	MP1A	Z	-16.337	3
3	MP1A	Mx	-.032	3
4	MP1A	X	28.296	7
5	MP1A	Z	-16.337	7
6	MP1A	Mx	-.032	7
7	MP1C	X	34.049	3
8	MP1C	Z	-19.658	3
9	MP1C	Mx	.018	3
10	MP1C	X	34.049	7
11	MP1C	Z	-19.658	7
12	MP1C	Mx	.018	7
13	MP1A	X	28.296	3
14	MP1A	Z	-16.337	3
15	MP1A	Mx	-.01	3
16	MP1A	X	28.296	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	-16.337	7
18	MP1A	Mx	-.01	7
19	MP1C	X	34.049	3
20	MP1C	Z	-19.658	3
21	MP1C	Mx	-.033	3
22	MP1C	X	34.049	7
23	MP1C	Z	-19.658	7
24	MP1C	Mx	-.033	7
25	MP2B	X	26.254	3
26	MP2B	Z	-15.158	3
27	MP2B	Mx	.021	3
28	MP2B	X	26.254	7
29	MP2B	Z	-15.158	7
30	MP2B	Mx	.021	7
31	MP2B	X	26.254	3
32	MP2B	Z	-15.158	3
33	MP2B	Mx	.024	3
34	MP2B	X	26.254	7
35	MP2B	Z	-15.158	7
36	MP2B	Mx	.024	7
37	MP2A	X	9.733	4
38	MP2A	Z	-5.62	4
39	MP2A	Mx	-.007	4
40	MP2A	X	9.733	6
41	MP2A	Z	-5.62	6
42	MP2A	Mx	-.007	6
43	MP2C	X	16.426	4
44	MP2C	Z	-9.483	4
45	MP2C	Mx	-.004	4
46	MP2C	X	16.426	6
47	MP2C	Z	-9.483	6
48	MP2C	Mx	-.004	6
49	MP3B	X	7.358	4
50	MP3B	Z	-4.248	4
51	MP3B	Mx	.006	4
52	MP3B	X	7.358	6
53	MP3B	Z	-4.248	6
54	MP3B	Mx	.006	6
55	OVP	X	19.555	1
56	OVP	Z	-11.29	1
57	OVP	Mx	0	1
58	MP1A	X	12.216	5
59	MP1A	Z	-7.053	5
60	MP1A	Mx	.005	5
61	MP1B	X	10.059	3
62	MP1B	Z	-5.808	3
63	MP1B	Mx	-.006	3
64	MP1C	X	14.113	5
65	MP1C	Z	-8.148	5
66	MP1C	Mx	.002	5
67	MP2A	X	9.873	5
68	MP2A	Z	-5.7	5
69	MP2A	Mx	.005	5
70	MP2B	X	8.407	5
71	MP2B	Z	-4.854	5
72	MP2B	Mx	-.005	5
73	MP2C	X	14.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	-8.084	5
75	MP2C	Mx	.002	5
76	MP1B	X	23.252	1
77	MP1B	Z	-13.424	1
78	MP1B	Mx	.019	1
79	MP1B	X	23.252	5
80	MP1B	Z	-13.424	5
81	MP1B	Mx	.019	5
82	MP4A	X	27.621	1
83	MP4A	Z	-15.947	1
84	MP4A	Mx	-.017	1
85	MP4A	X	27.621	5
86	MP4A	Z	-15.947	5
87	MP4A	Mx	-.017	5
88	MP4C	X	31.99	1
89	MP4C	Z	-18.469	1
90	MP4C	Mx	-.007	1
91	MP4C	X	31.99	5
92	MP4C	Z	-18.469	5
93	MP4C	Mx	-.007	5
94	M24A	X	5.483	2
95	M24A	Z	-3.165	2
96	M24A	Mx	0	2
97	MP1A	X	4.226	3
98	MP1A	Z	-2.44	3
99	MP1A	Mx	.002	3
100	MP2B	X	3.031	3
101	MP2B	Z	-1.75	3
102	MP2B	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	30.242	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.023	3
4	MP1A	X	30.242	7
5	MP1A	Z	0	7
6	MP1A	Mx	-.023	7
7	MP1C	X	39.316	3
8	MP1C	Z	0	3
9	MP1C	Mx	.033	3
10	MP1C	X	39.316	7
11	MP1C	Z	0	7
12	MP1C	Mx	.033	7
13	MP1A	X	30.242	3
14	MP1A	Z	0	3
15	MP1A	Mx	-.023	3
16	MP1A	X	30.242	7
17	MP1A	Z	0	7
18	MP1A	Mx	-.023	7
19	MP1C	X	39.316	3
20	MP1C	Z	0	3
21	MP1C	Mx	-.018	3
22	MP1C	X	39.316	7
23	MP1C	Z	0	7
24	MP1C	Mx	-.018	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	33.442	3
26	MP2B	Z	0	3
27	MP2B	Mx	.008	3
28	MP2B	X	33.442	7
29	MP2B	Z	0	7
30	MP2B	Mx	.008	7
31	MP2B	X	33.442	3
32	MP2B	Z	0	3
33	MP2B	Mx	.033	3
34	MP2B	X	33.442	7
35	MP2B	Z	0	7
36	MP2B	Mx	.033	7
37	MP2A	X	8.411	4
38	MP2A	Z	0	4
39	MP2A	Mx	-.006	4
40	MP2A	X	8.411	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.006	6
43	MP2C	X	18.967	4
44	MP2C	Z	0	4
45	MP2C	Mx	.004	4
46	MP2C	X	18.967	6
47	MP2C	Z	0	6
48	MP2C	Mx	.004	6
49	MP3B	X	12.133	4
50	MP3B	Z	0	4
51	MP3B	Mx	.007	4
52	MP3B	X	12.133	6
53	MP3B	Z	0	6
54	MP3B	Mx	.007	6
55	OVP	X	22.58	1
56	OVP	Z	0	1
57	OVP	Mx	0	1
58	MP1A	X	11.916	5
59	MP1A	Z	0	5
60	MP1A	Mx	.006	5
61	MP1B	X	13.241	3
62	MP1B	Z	0	3
63	MP1B	Mx	-.005	3
64	MP1C	X	16.296	5
65	MP1C	Z	0	5
66	MP1C	Mx	-.002	5
67	MP2A	X	9.655	5
68	MP2A	Z	0	5
69	MP2A	Mx	.005	5
70	MP2B	X	11.951	5
71	MP2B	Z	0	5
72	MP2B	Mx	-.005	5
73	MP2C	X	16.168	5
74	MP2C	Z	0	5
75	MP2C	Mx	-.002	5
76	MP1B	X	31.894	1
77	MP1B	Z	0	1
78	MP1B	Mx	.017	1
79	MP1B	X	31.894	5
80	MP1B	Z	0	5
81	MP1B	Mx	.017	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4A	X	26.849	1
83	MP4A	Z	0	1
84	MP4A	Mx	-.019	1
85	MP4A	X	26.849	5
86	MP4A	Z	0	5
87	MP4A	Mx	-.019	5
88	MP4C	X	36.939	1
89	MP4C	Z	0	1
90	MP4C	Mx	.007	1
91	MP4C	X	36.939	5
92	MP4C	Z	0	5
93	MP4C	Mx	.007	5
94	M24A	X	6.331	2
95	M24A	Z	0	2
96	M24A	Mx	0	2
97	MP1A	X	3.457	3
98	MP1A	Z	0	3
99	MP1A	Mx	.002	3
100	MP2B	X	5.33	3
101	MP2B	Z	0	3
102	MP2B	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	28.296	3
2	MP1A	Z	16.337	3
3	MP1A	Mx	-.01	3
4	MP1A	X	28.296	7
5	MP1A	Z	16.337	7
6	MP1A	Mx	-.01	7
7	MP1C	X	30.402	3
8	MP1C	Z	17.552	3
9	MP1C	Mx	.035	3
10	MP1C	X	30.402	7
11	MP1C	Z	17.552	7
12	MP1C	Mx	.035	7
13	MP1A	X	28.296	3
14	MP1A	Z	16.337	3
15	MP1A	Mx	-.032	3
16	MP1A	X	28.296	7
17	MP1A	Z	16.337	7
18	MP1A	Mx	-.032	7
19	MP1C	X	30.402	3
20	MP1C	Z	17.552	3
21	MP1C	Mx	.002	3
22	MP1C	X	30.402	7
23	MP1C	Z	17.552	7
24	MP1C	Mx	.002	7
25	MP2B	X	33.109	3
26	MP2B	Z	19.115	3
27	MP2B	Mx	-.011	3
28	MP2B	X	33.109	7
29	MP2B	Z	19.115	7
30	MP2B	Mx	-.011	7
31	MP2B	X	33.109	3
32	MP2B	Z	19.115	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2B	Mx	.035	3
34	MP2B	X	33.109	7
35	MP2B	Z	19.115	7
36	MP2B	Mx	.035	7
37	MP2A	X	9.733	4
38	MP2A	Z	5.62	4
39	MP2A	Mx	-.007	4
40	MP2A	X	9.733	6
41	MP2A	Z	5.62	6
42	MP2A	Mx	-.007	6
43	MP2C	X	12.183	4
44	MP2C	Z	7.034	4
45	MP2C	Mx	.007	4
46	MP2C	X	12.183	6
47	MP2C	Z	7.034	6
48	MP2C	Mx	.007	6
49	MP3B	X	15.332	4
50	MP3B	Z	8.852	4
51	MP3B	Mx	.006	4
52	MP3B	X	15.332	6
53	MP3B	Z	8.852	6
54	MP3B	Mx	.006	6
55	OVP	X	23.344	1
56	OVP	Z	13.478	1
57	OVP	Mx	0	1
58	MP1A	X	10.319	5
59	MP1A	Z	5.958	5
60	MP1A	Mx	.006	5
61	MP1B	X	13.624	3
62	MP1B	Z	7.866	3
63	MP1B	Mx	-.003	3
64	MP1C	X	12.216	5
65	MP1C	Z	7.053	5
66	MP1C	Mx	-.005	5
67	MP2A	X	9.873	5
68	MP2A	Z	5.7	5
69	MP2A	Mx	.005	5
70	MP2B	X	13.327	5
71	MP2B	Z	7.694	5
72	MP2B	Mx	-.003	5
73	MP2C	X	11.384	5
74	MP2C	Z	6.572	5
75	MP2C	Mx	-.005	5
76	MP1B	X	31.99	1
77	MP1B	Z	18.469	1
78	MP1B	Mx	.007	1
79	MP1B	X	31.99	5
80	MP1B	Z	18.469	5
81	MP1B	Mx	.007	5
82	MP4A	X	23.252	1
83	MP4A	Z	13.424	1
84	MP4A	Mx	-.019	1
85	MP4A	X	23.252	5
86	MP4A	Z	13.424	5
87	MP4A	Mx	-.019	5
88	MP4C	X	27.621	1
89	MP4C	Z	15.947	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4C	Mx	.017	1
91	MP4C	X	27.621	5
92	MP4C	Z	15.947	5
93	MP4C	Mx	.017	5
94	M24A	X	6.412	2
95	M24A	Z	3.702	2
96	M24A	Mx	0	2
97	MP1A	X	4.226	3
98	MP1A	Z	2.44	3
99	MP1A	Mx	.002	3
100	MP2B	X	7.045	3
101	MP2B	Z	4.067	3
102	MP2B	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	18.768	3
2	MP1A	Z	32.507	3
3	MP1A	Mx	.008	3
4	MP1A	X	18.768	7
5	MP1A	Z	32.507	7
6	MP1A	Mx	.008	7
7	MP1C	X	15.447	3
8	MP1C	Z	26.755	3
9	MP1C	Mx	.028	3
10	MP1C	X	15.447	7
11	MP1C	Z	26.755	7
12	MP1C	Mx	.028	7
13	MP1A	X	18.768	3
14	MP1A	Z	32.507	3
15	MP1A	Mx	-.036	3
16	MP1A	X	18.768	7
17	MP1A	Z	32.507	7
18	MP1A	Mx	-.036	7
19	MP1C	X	15.447	3
20	MP1C	Z	26.755	3
21	MP1C	Mx	.017	3
22	MP1C	X	15.447	7
23	MP1C	Z	26.755	7
24	MP1C	Mx	.017	7
25	MP2B	X	19.947	3
26	MP2B	Z	34.549	3
27	MP2B	Mx	-.029	3
28	MP2B	X	19.947	7
29	MP2B	Z	34.549	7
30	MP2B	Mx	-.029	7
31	MP2B	X	19.947	3
32	MP2B	Z	34.549	3
33	MP2B	Mx	.024	3
34	MP2B	X	19.947	7
35	MP2B	Z	34.549	7
36	MP2B	Mx	.024	7
37	MP2A	X	8.448	4
38	MP2A	Z	14.632	4
39	MP2A	Mx	-.006	4
40	MP2A	X	8.448	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	14.632	6
42	MP2A	Mx	-.006	6
43	MP2C	X	4.584	4
44	MP2C	Z	7.94	4
45	MP2C	Mx	.007	4
46	MP2C	X	4.584	6
47	MP2C	Z	7.94	6
48	MP2C	Mx	.007	6
49	MP3B	X	9.819	4
50	MP3B	Z	17.008	4
51	MP3B	Mx	-.001	4
52	MP3B	X	9.819	6
53	MP3B	Z	17.008	6
54	MP3B	Mx	-.001	6
55	OVP	X	15.665	1
56	OVP	Z	27.133	1
57	OVP	Mx	0	1
58	MP1A	X	7.053	5
59	MP1A	Z	12.216	5
60	MP1A	Mx	.005	5
61	MP1B	X	8.298	3
62	MP1B	Z	14.373	3
63	MP1B	Mx	.000723	3
64	MP1C	X	5.958	5
65	MP1C	Z	10.319	5
66	MP1C	Mx	-.006	5
67	MP2A	X	7.445	5
68	MP2A	Z	12.895	5
69	MP2A	Mx	.004	5
70	MP2B	X	8.291	5
71	MP2B	Z	14.361	5
72	MP2B	Mx	.000723	5
73	MP2C	X	5.061	5
74	MP2C	Z	8.766	5
75	MP2C	Mx	-.005	5
76	MP1B	X	18.469	1
77	MP1B	Z	31.99	1
78	MP1B	Mx	-.007	1
79	MP1B	X	18.469	5
80	MP1B	Z	31.99	5
81	MP1B	Mx	-.007	5
82	MP4A	X	15.947	1
83	MP4A	Z	27.621	1
84	MP4A	Mx	-.017	1
85	MP4A	X	15.947	5
86	MP4A	Z	27.621	5
87	MP4A	Mx	-.017	5
88	MP4C	X	13.424	1
89	MP4C	Z	23.252	1
90	MP4C	Mx	.019	1
91	MP4C	X	13.424	5
92	MP4C	Z	23.252	5
93	MP4C	Mx	.019	5
94	M24A	X	4.239	2
95	M24A	Z	7.341	2
96	M24A	Mx	0	2
97	MP1A	X	3.864	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1A	Z	6.692	3
99	MP1A	Mx	.002	3
100	MP2B	X	4.554	3
101	MP2B	Z	7.888	3
102	MP2B	Mx	.000397	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	39.967	3
3	MP1A	Mx	.027	3
4	MP1A	X	0	7
5	MP1A	Z	39.967	7
6	MP1A	Mx	.027	7
7	MP1C	X	0	3
8	MP1C	Z	30.894	3
9	MP1C	Mx	.017	3
10	MP1C	X	0	7
11	MP1C	Z	30.894	7
12	MP1C	Mx	.017	7
13	MP1A	X	0	3
14	MP1A	Z	39.967	3
15	MP1A	Mx	-.027	3
16	MP1A	X	0	7
17	MP1A	Z	39.967	7
18	MP1A	Mx	-.027	7
19	MP1C	X	0	3
20	MP1C	Z	30.894	3
21	MP1C	Mx	.028	3
22	MP1C	X	0	7
23	MP1C	Z	30.894	7
24	MP1C	Mx	.028	7
25	MP2B	X	0	3
26	MP2B	Z	36.768	3
27	MP2B	Mx	-.036	3
28	MP2B	X	0	7
29	MP2B	Z	36.768	7
30	MP2B	Mx	-.036	7
31	MP2B	X	0	3
32	MP2B	Z	36.768	3
33	MP2B	Mx	.004	3
34	MP2B	X	0	7
35	MP2B	Z	36.768	7
36	MP2B	Mx	.004	7
37	MP2A	X	0	4
38	MP2A	Z	19.725	4
39	MP2A	Mx	0	4
40	MP2A	X	0	6
41	MP2A	Z	19.725	6
42	MP2A	Mx	0	6
43	MP2C	X	0	4
44	MP2C	Z	9.168	4
45	MP2C	Mx	.007	4
46	MP2C	X	0	6
47	MP2C	Z	9.168	6
48	MP2C	Mx	.007	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3B	X	0	4
50	MP3B	Z	16.002	4
51	MP3B	Mx	-.007	4
52	MP3B	X	0	6
53	MP3B	Z	16.002	6
54	MP3B	Mx	-.007	6
55	OVP	X	0	1
56	OVP	Z	31.33	1
57	OVP	Mx	0	1
58	MP1A	X	0	5
59	MP1A	Z	16.296	5
60	MP1A	Mx	.002	5
61	MP1B	X	0	3
62	MP1B	Z	14.971	3
63	MP1B	Mx	.004	3
64	MP1C	X	0	5
65	MP1C	Z	11.916	5
66	MP1C	Mx	-.006	5
67	MP2A	X	0	5
68	MP2A	Z	16.635	5
69	MP2A	Mx	0	5
70	MP2B	X	0	5
71	MP2B	Z	14.339	5
72	MP2B	Mx	.004	5
73	MP2C	X	0	5
74	MP2C	Z	10.122	5
75	MP2C	Mx	-.005	5
76	MP1B	X	0	1
77	MP1B	Z	31.894	1
78	MP1B	Mx	-.017	1
79	MP1B	X	0	5
80	MP1B	Z	31.894	5
81	MP1B	Mx	-.017	5
82	MP4A	X	0	1
83	MP4A	Z	36.939	1
84	MP4A	Mx	-.007	1
85	MP4A	X	0	5
86	MP4A	Z	36.939	5
87	MP4A	Mx	-.007	5
88	MP4C	X	0	1
89	MP4C	Z	26.849	1
90	MP4C	Mx	.019	1
91	MP4C	X	0	5
92	MP4C	Z	26.849	5
93	MP4C	Mx	.019	5
94	M24A	X	0	2
95	M24A	Z	8.477	2
96	M24A	Mx	0	2
97	MP1A	X	0	3
98	MP1A	Z	9.152	3
99	MP1A	Mx	0	3
100	MP2B	X	0	3
101	MP2B	Z	7.278	3
102	MP2B	Mx	.002	3

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-18.768	3
2	MP1A	Z	32.507	3
3	MP1A	Mx	.036	3
4	MP1A	X	-18.768	7
5	MP1A	Z	32.507	7
6	MP1A	Mx	.036	7
7	MP1C	X	-17.552	3
8	MP1C	Z	30.402	3
9	MP1C	Mx	.002	3
10	MP1C	X	-17.552	7
11	MP1C	Z	30.402	7
12	MP1C	Mx	.002	7
13	MP1A	X	-18.768	3
14	MP1A	Z	32.507	3
15	MP1A	Mx	-.008	3
16	MP1A	X	-18.768	7
17	MP1A	Z	32.507	7
18	MP1A	Mx	-.008	7
19	MP1C	X	-17.552	3
20	MP1C	Z	30.402	3
21	MP1C	Mx	.035	3
22	MP1C	X	-17.552	7
23	MP1C	Z	30.402	7
24	MP1C	Mx	.035	7
25	MP2B	X	-15.99	3
26	MP2B	Z	27.695	3
27	MP2B	Mx	-.031	3
28	MP2B	X	-15.99	7
29	MP2B	Z	27.695	7
30	MP2B	Mx	-.031	7
31	MP2B	X	-15.99	3
32	MP2B	Z	27.695	3
33	MP2B	Mx	-.013	3
34	MP2B	X	-15.99	7
35	MP2B	Z	27.695	7
36	MP2B	Mx	-.013	7
37	MP2A	X	-8.448	4
38	MP2A	Z	14.632	4
39	MP2A	Mx	.006	4
40	MP2A	X	-8.448	6
41	MP2A	Z	14.632	6
42	MP2A	Mx	.006	6
43	MP2C	X	-7.034	4
44	MP2C	Z	12.183	4
45	MP2C	Mx	.007	4
46	MP2C	X	-7.034	6
47	MP2C	Z	12.183	6
48	MP2C	Mx	.007	6
49	MP3B	X	-5.216	4
50	MP3B	Z	9.034	4
51	MP3B	Mx	-.007	4
52	MP3B	X	-5.216	6
53	MP3B	Z	9.034	6
54	MP3B	Mx	-.007	6
55	OVP	X	-13.478	1
56	OVP	Z	23.344	1
57	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-8.148	5
59	MP1A	Z	14.113	5
60	MP1A	Mx	-.002	5
61	MP1B	X	-6.24	3
62	MP1B	Z	10.808	3
63	MP1B	Mx	.006	3
64	MP1C	X	-7.053	5
65	MP1C	Z	12.216	5
66	MP1C	Mx	-.005	5
67	MP2A	X	-7.445	5
68	MP2A	Z	12.895	5
69	MP2A	Mx	-.004	5
70	MP2B	X	-5.451	5
71	MP2B	Z	9.441	5
72	MP2B	Mx	.005	5
73	MP2C	X	-6.572	5
74	MP2C	Z	11.384	5
75	MP2C	Mx	-.005	5
76	MP1B	X	-13.424	1
77	MP1B	Z	23.252	1
78	MP1B	Mx	-.019	1
79	MP1B	X	-13.424	5
80	MP1B	Z	23.252	5
81	MP1B	Mx	-.019	5
82	MP4A	X	-18.469	1
83	MP4A	Z	31.99	1
84	MP4A	Mx	.007	1
85	MP4A	X	-18.469	5
86	MP4A	Z	31.99	5
87	MP4A	Mx	.007	5
88	MP4C	X	-15.947	1
89	MP4C	Z	27.621	1
90	MP4C	Mx	.017	1
91	MP4C	X	-15.947	5
92	MP4C	Z	27.621	5
93	MP4C	Mx	.017	5
94	M24A	X	-3.702	2
95	M24A	Z	6.412	2
96	M24A	Mx	0	2
97	MP1A	X	-3.864	3
98	MP1A	Z	6.692	3
99	MP1A	Mx	-.002	3
100	MP2B	X	-2.237	3
101	MP2B	Z	3.874	3
102	MP2B	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-28.296	3
2	MP1A	Z	16.337	3
3	MP1A	Mx	.032	3
4	MP1A	X	-28.296	7
5	MP1A	Z	16.337	7
6	MP1A	Mx	.032	7
7	MP1C	X	-34.049	3
8	MP1C	Z	19.658	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	-.018	3
10	MP1C	X	-34.049	7
11	MP1C	Z	19.658	7
12	MP1C	Mx	-.018	7
13	MP1A	X	-28.296	3
14	MP1A	Z	16.337	3
15	MP1A	Mx	.01	3
16	MP1A	X	-28.296	7
17	MP1A	Z	16.337	7
18	MP1A	Mx	.01	7
19	MP1C	X	-34.049	3
20	MP1C	Z	19.658	3
21	MP1C	Mx	.033	3
22	MP1C	X	-34.049	7
23	MP1C	Z	19.658	7
24	MP1C	Mx	.033	7
25	MP2B	X	-26.254	3
26	MP2B	Z	15.158	3
27	MP2B	Mx	-.021	3
28	MP2B	X	-26.254	7
29	MP2B	Z	15.158	7
30	MP2B	Mx	-.021	7
31	MP2B	X	-26.254	3
32	MP2B	Z	15.158	3
33	MP2B	Mx	-.024	3
34	MP2B	X	-26.254	7
35	MP2B	Z	15.158	7
36	MP2B	Mx	-.024	7
37	MP2A	X	-9.733	4
38	MP2A	Z	5.62	4
39	MP2A	Mx	.007	4
40	MP2A	X	-9.733	6
41	MP2A	Z	5.62	6
42	MP2A	Mx	.007	6
43	MP2C	X	-16.426	4
44	MP2C	Z	9.483	4
45	MP2C	Mx	.004	4
46	MP2C	X	-16.426	6
47	MP2C	Z	9.483	6
48	MP2C	Mx	.004	6
49	MP3B	X	-7.358	4
50	MP3B	Z	4.248	4
51	MP3B	Mx	-.006	4
52	MP3B	X	-7.358	6
53	MP3B	Z	4.248	6
54	MP3B	Mx	-.006	6
55	OVP	X	-19.555	1
56	OVP	Z	11.29	1
57	OVP	Mx	0	1
58	MP1A	X	-12.216	5
59	MP1A	Z	7.053	5
60	MP1A	Mx	-.005	5
61	MP1B	X	-10.059	3
62	MP1B	Z	5.808	3
63	MP1B	Mx	.006	3
64	MP1C	X	-14.113	5
65	MP1C	Z	8.148	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1C	Mx	-.002	5
67	MP2A	X	-9.873	5
68	MP2A	Z	5.7	5
69	MP2A	Mx	-.005	5
70	MP2B	X	-8.407	5
71	MP2B	Z	4.854	5
72	MP2B	Mx	.005	5
73	MP2C	X	-14.002	5
74	MP2C	Z	8.084	5
75	MP2C	Mx	-.002	5
76	MP1B	X	-23.252	1
77	MP1B	Z	13.424	1
78	MP1B	Mx	-.019	1
79	MP1B	X	-23.252	5
80	MP1B	Z	13.424	5
81	MP1B	Mx	-.019	5
82	MP4A	X	-27.621	1
83	MP4A	Z	15.947	1
84	MP4A	Mx	.017	1
85	MP4A	X	-27.621	5
86	MP4A	Z	15.947	5
87	MP4A	Mx	.017	5
88	MP4C	X	-31.99	1
89	MP4C	Z	18.469	1
90	MP4C	Mx	.007	1
91	MP4C	X	-31.99	5
92	MP4C	Z	18.469	5
93	MP4C	Mx	.007	5
94	M24A	X	-5.483	2
95	M24A	Z	3.165	2
96	M24A	Mx	0	2
97	MP1A	X	-4.226	3
98	MP1A	Z	2.44	3
99	MP1A	Mx	-.002	3
100	MP2B	X	-3.031	3
101	MP2B	Z	1.75	3
102	MP2B	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-30.242	3
2	MP1A	Z	0	3
3	MP1A	Mx	.023	3
4	MP1A	X	-30.242	7
5	MP1A	Z	0	7
6	MP1A	Mx	.023	7
7	MP1C	X	-39.316	3
8	MP1C	Z	0	3
9	MP1C	Mx	-.033	3
10	MP1C	X	-39.316	7
11	MP1C	Z	0	7
12	MP1C	Mx	-.033	7
13	MP1A	X	-30.242	3
14	MP1A	Z	0	3
15	MP1A	Mx	.023	3
16	MP1A	X	-30.242	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	0	7
18	MP1A	Mx	.023	7
19	MP1C	X	-39.316	3
20	MP1C	Z	0	3
21	MP1C	Mx	.018	3
22	MP1C	X	-39.316	7
23	MP1C	Z	0	7
24	MP1C	Mx	.018	7
25	MP2B	X	-33.442	3
26	MP2B	Z	0	3
27	MP2B	Mx	-.008	3
28	MP2B	X	-33.442	7
29	MP2B	Z	0	7
30	MP2B	Mx	-.008	7
31	MP2B	X	-33.442	3
32	MP2B	Z	0	3
33	MP2B	Mx	-.033	3
34	MP2B	X	-33.442	7
35	MP2B	Z	0	7
36	MP2B	Mx	-.033	7
37	MP2A	X	-8.411	4
38	MP2A	Z	0	4
39	MP2A	Mx	.006	4
40	MP2A	X	-8.411	6
41	MP2A	Z	0	6
42	MP2A	Mx	.006	6
43	MP2C	X	-18.967	4
44	MP2C	Z	0	4
45	MP2C	Mx	-.004	4
46	MP2C	X	-18.967	6
47	MP2C	Z	0	6
48	MP2C	Mx	-.004	6
49	MP3B	X	-12.133	4
50	MP3B	Z	0	4
51	MP3B	Mx	-.007	4
52	MP3B	X	-12.133	6
53	MP3B	Z	0	6
54	MP3B	Mx	-.007	6
55	OVP	X	-22.58	1
56	OVP	Z	0	1
57	OVP	Mx	0	1
58	MP1A	X	-11.916	5
59	MP1A	Z	0	5
60	MP1A	Mx	-.006	5
61	MP1B	X	-13.241	3
62	MP1B	Z	0	3
63	MP1B	Mx	.005	3
64	MP1C	X	-16.296	5
65	MP1C	Z	0	5
66	MP1C	Mx	.002	5
67	MP2A	X	-9.655	5
68	MP2A	Z	0	5
69	MP2A	Mx	-.005	5
70	MP2B	X	-11.951	5
71	MP2B	Z	0	5
72	MP2B	Mx	.005	5
73	MP2C	X	-16.168	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	0	5
75	MP2C	Mx	.002	5
76	MP1B	X	-31.894	1
77	MP1B	Z	0	1
78	MP1B	Mx	-.017	1
79	MP1B	X	-31.894	5
80	MP1B	Z	0	5
81	MP1B	Mx	-.017	5
82	MP4A	X	-26.849	1
83	MP4A	Z	0	1
84	MP4A	Mx	.019	1
85	MP4A	X	-26.849	5
86	MP4A	Z	0	5
87	MP4A	Mx	.019	5
88	MP4C	X	-36.939	1
89	MP4C	Z	0	1
90	MP4C	Mx	-.007	1
91	MP4C	X	-36.939	5
92	MP4C	Z	0	5
93	MP4C	Mx	-.007	5
94	M24A	X	-6.331	2
95	M24A	Z	0	2
96	M24A	Mx	0	2
97	MP1A	X	-3.457	3
98	MP1A	Z	0	3
99	MP1A	Mx	-.002	3
100	MP2B	X	-5.33	3
101	MP2B	Z	0	3
102	MP2B	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-28.296	3
2	MP1A	Z	-16.337	3
3	MP1A	Mx	.01	3
4	MP1A	X	-28.296	7
5	MP1A	Z	-16.337	7
6	MP1A	Mx	.01	7
7	MP1C	X	-30.402	3
8	MP1C	Z	-17.552	3
9	MP1C	Mx	-.035	3
10	MP1C	X	-30.402	7
11	MP1C	Z	-17.552	7
12	MP1C	Mx	-.035	7
13	MP1A	X	-28.296	3
14	MP1A	Z	-16.337	3
15	MP1A	Mx	.032	3
16	MP1A	X	-28.296	7
17	MP1A	Z	-16.337	7
18	MP1A	Mx	.032	7
19	MP1C	X	-30.402	3
20	MP1C	Z	-17.552	3
21	MP1C	Mx	-.002	3
22	MP1C	X	-30.402	7
23	MP1C	Z	-17.552	7
24	MP1C	Mx	-.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	-33.109	3
26	MP2B	Z	-19.115	3
27	MP2B	Mx	.011	3
28	MP2B	X	-33.109	7
29	MP2B	Z	-19.115	7
30	MP2B	Mx	.011	7
31	MP2B	X	-33.109	3
32	MP2B	Z	-19.115	3
33	MP2B	Mx	-.035	3
34	MP2B	X	-33.109	7
35	MP2B	Z	-19.115	7
36	MP2B	Mx	-.035	7
37	MP2A	X	-9.733	4
38	MP2A	Z	-5.62	4
39	MP2A	Mx	.007	4
40	MP2A	X	-9.733	6
41	MP2A	Z	-5.62	6
42	MP2A	Mx	.007	6
43	MP2C	X	-12.183	4
44	MP2C	Z	-7.034	4
45	MP2C	Mx	-.007	4
46	MP2C	X	-12.183	6
47	MP2C	Z	-7.034	6
48	MP2C	Mx	-.007	6
49	MP3B	X	-15.332	4
50	MP3B	Z	-8.852	4
51	MP3B	Mx	-.006	4
52	MP3B	X	-15.332	6
53	MP3B	Z	-8.852	6
54	MP3B	Mx	-.006	6
55	OVP	X	-23.344	1
56	OVP	Z	-13.478	1
57	OVP	Mx	0	1
58	MP1A	X	-10.319	5
59	MP1A	Z	-5.958	5
60	MP1A	Mx	-.006	5
61	MP1B	X	-13.624	3
62	MP1B	Z	-7.866	3
63	MP1B	Mx	.003	3
64	MP1C	X	-12.216	5
65	MP1C	Z	-7.053	5
66	MP1C	Mx	.005	5
67	MP2A	X	-9.873	5
68	MP2A	Z	-5.7	5
69	MP2A	Mx	-.005	5
70	MP2B	X	-13.327	5
71	MP2B	Z	-7.694	5
72	MP2B	Mx	.003	5
73	MP2C	X	-11.384	5
74	MP2C	Z	-6.572	5
75	MP2C	Mx	.005	5
76	MP1B	X	-31.99	1
77	MP1B	Z	-18.469	1
78	MP1B	Mx	-.007	1
79	MP1B	X	-31.99	5
80	MP1B	Z	-18.469	5
81	MP1B	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4A	X	-23.252	1
83	MP4A	Z	-13.424	1
84	MP4A	Mx	.019	1
85	MP4A	X	-23.252	5
86	MP4A	Z	-13.424	5
87	MP4A	Mx	.019	5
88	MP4C	X	-27.621	1
89	MP4C	Z	-15.947	1
90	MP4C	Mx	-.017	1
91	MP4C	X	-27.621	5
92	MP4C	Z	-15.947	5
93	MP4C	Mx	-.017	5
94	M24A	X	-6.412	2
95	M24A	Z	-3.702	2
96	M24A	Mx	0	2
97	MP1A	X	-4.226	3
98	MP1A	Z	-2.44	3
99	MP1A	Mx	-.002	3
100	MP2B	X	-7.045	3
101	MP2B	Z	-4.067	3
102	MP2B	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-18.768	3
2	MP1A	Z	-32.507	3
3	MP1A	Mx	-.008	3
4	MP1A	X	-18.768	7
5	MP1A	Z	-32.507	7
6	MP1A	Mx	-.008	7
7	MP1C	X	-15.447	3
8	MP1C	Z	-26.755	3
9	MP1C	Mx	-.028	3
10	MP1C	X	-15.447	7
11	MP1C	Z	-26.755	7
12	MP1C	Mx	-.028	7
13	MP1A	X	-18.768	3
14	MP1A	Z	-32.507	3
15	MP1A	Mx	.036	3
16	MP1A	X	-18.768	7
17	MP1A	Z	-32.507	7
18	MP1A	Mx	.036	7
19	MP1C	X	-15.447	3
20	MP1C	Z	-26.755	3
21	MP1C	Mx	-.017	3
22	MP1C	X	-15.447	7
23	MP1C	Z	-26.755	7
24	MP1C	Mx	-.017	7
25	MP2B	X	-19.947	3
26	MP2B	Z	-34.549	3
27	MP2B	Mx	.029	3
28	MP2B	X	-19.947	7
29	MP2B	Z	-34.549	7
30	MP2B	Mx	.029	7
31	MP2B	X	-19.947	3
32	MP2B	Z	-34.549	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2B	Mx	-.024	3
34	MP2B	X	-19.947	7
35	MP2B	Z	-34.549	7
36	MP2B	Mx	-.024	7
37	MP2A	X	-8.448	4
38	MP2A	Z	-14.632	4
39	MP2A	Mx	.006	4
40	MP2A	X	-8.448	6
41	MP2A	Z	-14.632	6
42	MP2A	Mx	.006	6
43	MP2C	X	-4.584	4
44	MP2C	Z	-7.94	4
45	MP2C	Mx	-.007	4
46	MP2C	X	-4.584	6
47	MP2C	Z	-7.94	6
48	MP2C	Mx	-.007	6
49	MP3B	X	-9.819	4
50	MP3B	Z	-17.008	4
51	MP3B	Mx	.001	4
52	MP3B	X	-9.819	6
53	MP3B	Z	-17.008	6
54	MP3B	Mx	.001	6
55	OVP	X	-15.665	1
56	OVP	Z	-27.133	1
57	OVP	Mx	0	1
58	MP1A	X	-7.053	5
59	MP1A	Z	-12.216	5
60	MP1A	Mx	-.005	5
61	MP1B	X	-8.298	3
62	MP1B	Z	-14.373	3
63	MP1B	Mx	-.000723	3
64	MP1C	X	-5.958	5
65	MP1C	Z	-10.319	5
66	MP1C	Mx	.006	5
67	MP2A	X	-7.445	5
68	MP2A	Z	-12.895	5
69	MP2A	Mx	-.004	5
70	MP2B	X	-8.291	5
71	MP2B	Z	-14.361	5
72	MP2B	Mx	-.000723	5
73	MP2C	X	-5.061	5
74	MP2C	Z	-8.766	5
75	MP2C	Mx	.005	5
76	MP1B	X	-18.469	1
77	MP1B	Z	-31.99	1
78	MP1B	Mx	.007	1
79	MP1B	X	-18.469	5
80	MP1B	Z	-31.99	5
81	MP1B	Mx	.007	5
82	MP4A	X	-15.947	1
83	MP4A	Z	-27.621	1
84	MP4A	Mx	.017	1
85	MP4A	X	-15.947	5
86	MP4A	Z	-27.621	5
87	MP4A	Mx	.017	5
88	MP4C	X	-13.424	1
89	MP4C	Z	-23.252	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4C	Mx	-.019	1
91	MP4C	X	-13.424	5
92	MP4C	Z	-23.252	5
93	MP4C	Mx	-.019	5
94	M24A	X	-4.239	2
95	M24A	Z	-7.341	2
96	M24A	Mx	0	2
97	MP1A	X	-3.864	3
98	MP1A	Z	-6.692	3
99	MP1A	Mx	-.002	3
100	MP2B	X	-4.554	3
101	MP2B	Z	-7.888	3
102	MP2B	Mx	-.000397	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-6.317	3
3	MP1A	Mx	-.004	3
4	MP1A	X	0	7
5	MP1A	Z	-6.317	7
6	MP1A	Mx	-.004	7
7	MP1C	X	0	3
8	MP1C	Z	-4.834	3
9	MP1C	Mx	-.003	3
10	MP1C	X	0	7
11	MP1C	Z	-4.834	7
12	MP1C	Mx	-.003	7
13	MP1A	X	0	3
14	MP1A	Z	-6.317	3
15	MP1A	Mx	.004	3
16	MP1A	X	0	7
17	MP1A	Z	-6.317	7
18	MP1A	Mx	.004	7
19	MP1C	X	0	3
20	MP1C	Z	-4.834	3
21	MP1C	Mx	-.004	3
22	MP1C	X	0	7
23	MP1C	Z	-4.834	7
24	MP1C	Mx	-.004	7
25	MP2B	X	0	3
26	MP2B	Z	-5.794	3
27	MP2B	Mx	.006	3
28	MP2B	X	0	7
29	MP2B	Z	-5.794	7
30	MP2B	Mx	.006	7
31	MP2B	X	0	3
32	MP2B	Z	-5.794	3
33	MP2B	Mx	-.000672	3
34	MP2B	X	0	7
35	MP2B	Z	-5.794	7
36	MP2B	Mx	-.000672	7
37	MP2A	X	0	4
38	MP2A	Z	-5.235	4
39	MP2A	Mx	0	4
40	MP2A	X	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-5.235	6
42	MP2A	Mx	0	6
43	MP2C	X	0	4
44	MP2C	Z	-2.033	4
45	MP2C	Mx	-.001	4
46	MP2C	X	0	6
47	MP2C	Z	-2.033	6
48	MP2C	Mx	-.001	6
49	MP3B	X	0	4
50	MP3B	Z	-4.106	4
51	MP3B	Mx	.002	4
52	MP3B	X	0	6
53	MP3B	Z	-4.106	6
54	MP3B	Mx	.002	6
55	OVP	X	0	1
56	OVP	Z	-8.331	1
57	OVP	Mx	0	1
58	MP1A	X	0	5
59	MP1A	Z	-4.049	5
60	MP1A	Mx	-.000524	5
61	MP1B	X	0	3
62	MP1B	Z	-3.692	3
63	MP1B	Mx	-.001	3
64	MP1C	X	0	5
65	MP1C	Z	-2.869	5
66	MP1C	Mx	.001	5
67	MP2A	X	0	5
68	MP2A	Z	-4.14	5
69	MP2A	Mx	0	5
70	MP2B	X	0	5
71	MP2B	Z	-3.525	5
72	MP2B	Mx	-.001	5
73	MP2C	X	0	5
74	MP2C	Z	-2.396	5
75	MP2C	Mx	.001	5
76	MP1B	X	0	1
77	MP1B	Z	-10.263	1
78	MP1B	Mx	.005	1
79	MP1B	X	0	5
80	MP1B	Z	-10.263	5
81	MP1B	Mx	.005	5
82	MP4A	X	0	1
83	MP4A	Z	-12.05	1
84	MP4A	Mx	.002	1
85	MP4A	X	0	5
86	MP4A	Z	-12.05	5
87	MP4A	Mx	.002	5
88	MP4C	X	0	1
89	MP4C	Z	-8.476	1
90	MP4C	Mx	-.006	1
91	MP4C	X	0	5
92	MP4C	Z	-8.476	5
93	MP4C	Mx	-.006	5
94	M24A	X	0	2
95	M24A	Z	-2.599	2
96	M24A	Mx	0	2
97	MP1A	X	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1A	Z	-2.564	3
99	MP1A	Mx	0	3
100	MP2B	X	0	3
101	MP2B	Z	-1.976	3
102	MP2B	Mx	-.000567	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.96	3
2	MP1A	Z	-5.126	3
3	MP1A	Mx	-.006	3
4	MP1A	X	2.96	7
5	MP1A	Z	-5.126	7
6	MP1A	Mx	-.006	7
7	MP1C	X	2.761	3
8	MP1C	Z	-4.782	3
9	MP1C	Mx	-.000325	3
10	MP1C	X	2.761	7
11	MP1C	Z	-4.782	7
12	MP1C	Mx	-.000325	7
13	MP1A	X	2.96	3
14	MP1A	Z	-5.126	3
15	MP1A	Mx	.001	3
16	MP1A	X	2.96	7
17	MP1A	Z	-5.126	7
18	MP1A	Mx	.001	7
19	MP1C	X	2.761	3
20	MP1C	Z	-4.782	3
21	MP1C	Mx	-.006	3
22	MP1C	X	2.761	7
23	MP1C	Z	-4.782	7
24	MP1C	Mx	-.006	7
25	MP2B	X	2.506	3
26	MP2B	Z	-4.34	3
27	MP2B	Mx	.005	3
28	MP2B	X	2.506	7
29	MP2B	Z	-4.34	7
30	MP2B	Mx	.005	7
31	MP2B	X	2.506	3
32	MP2B	Z	-4.34	3
33	MP2B	Mx	.002	3
34	MP2B	X	2.506	7
35	MP2B	Z	-4.34	7
36	MP2B	Mx	.002	7
37	MP2A	X	2.189	4
38	MP2A	Z	-3.791	4
39	MP2A	Mx	-.002	4
40	MP2A	X	2.189	6
41	MP2A	Z	-3.791	6
42	MP2A	Mx	-.002	6
43	MP2C	X	1.759	4
44	MP2C	Z	-3.048	4
45	MP2C	Mx	-.002	4
46	MP2C	X	1.759	6
47	MP2C	Z	-3.048	6
48	MP2C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3B	X	1.208	4
50	MP3B	Z	-2.092	4
51	MP3B	Mx	.002	4
52	MP3B	X	1.208	6
53	MP3B	Z	-2.092	6
54	MP3B	Mx	.002	6
55	OVP	X	3.726	1
56	OVP	Z	-6.454	1
57	OVP	Mx	0	1
58	MP1A	X	2.024	5
59	MP1A	Z	-3.506	5
60	MP1A	Mx	.000524	5
61	MP1B	X	1.511	3
62	MP1B	Z	-2.616	3
63	MP1B	Mx	-.001	3
64	MP1C	X	1.729	5
65	MP1C	Z	-2.995	5
66	MP1C	Mx	.001	5
67	MP2A	X	1.836	5
68	MP2A	Z	-3.181	5
69	MP2A	Mx	.000918	5
70	MP2B	X	1.302	5
71	MP2B	Z	-2.255	5
72	MP2B	Mx	-.001	5
73	MP2C	X	1.603	5
74	MP2C	Z	-2.776	5
75	MP2C	Mx	.001	5
76	MP1B	X	4.238	1
77	MP1B	Z	-7.341	1
78	MP1B	Mx	.006	1
79	MP1B	X	4.238	5
80	MP1B	Z	-7.341	5
81	MP1B	Mx	.006	5
82	MP4A	X	6.025	1
83	MP4A	Z	-10.436	1
84	MP4A	Mx	-.002	1
85	MP4A	X	6.025	5
86	MP4A	Z	-10.436	5
87	MP4A	Mx	-.002	5
88	MP4C	X	5.132	1
89	MP4C	Z	-8.888	1
90	MP4C	Mx	-.005	1
91	MP4C	X	5.132	5
92	MP4C	Z	-8.888	5
93	MP4C	Mx	-.005	5
94	M24A	X	1.068	2
95	M24A	Z	-1.85	2
96	M24A	Mx	0	2
97	MP1A	X	1.059	3
98	MP1A	Z	-1.834	3
99	MP1A	Mx	.000529	3
100	MP2B	X	.548	3
101	MP2B	Z	-.95	3
102	MP2B	Mx	-.000497	3

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.438	3
2	MP1A	Z	-2.562	3
3	MP1A	Mx	-.005	3
4	MP1A	X	4.438	7
5	MP1A	Z	-2.562	7
6	MP1A	Mx	-.005	7
7	MP1C	X	5.378	3
8	MP1C	Z	-3.105	3
9	MP1C	Mx	.003	3
10	MP1C	X	5.378	7
11	MP1C	Z	-3.105	7
12	MP1C	Mx	.003	7
13	MP1A	X	4.438	3
14	MP1A	Z	-2.562	3
15	MP1A	Mx	-.002	3
16	MP1A	X	4.438	7
17	MP1A	Z	-2.562	7
18	MP1A	Mx	-.002	7
19	MP1C	X	5.378	3
20	MP1C	Z	-3.105	3
21	MP1C	Mx	-.005	3
22	MP1C	X	5.378	7
23	MP1C	Z	-3.105	7
24	MP1C	Mx	-.005	7
25	MP2B	X	4.105	3
26	MP2B	Z	-2.37	3
27	MP2B	Mx	.003	3
28	MP2B	X	4.105	7
29	MP2B	Z	-2.37	7
30	MP2B	Mx	.003	7
31	MP2B	X	4.105	3
32	MP2B	Z	-2.37	3
33	MP2B	Mx	.004	3
34	MP2B	X	4.105	7
35	MP2B	Z	-2.37	7
36	MP2B	Mx	.004	7
37	MP2A	X	2.304	4
38	MP2A	Z	-1.33	4
39	MP2A	Mx	-.002	4
40	MP2A	X	2.304	6
41	MP2A	Z	-1.33	6
42	MP2A	Mx	-.002	6
43	MP2C	X	4.335	4
44	MP2C	Z	-2.503	4
45	MP2C	Mx	-.000972	4
46	MP2C	X	4.335	6
47	MP2C	Z	-2.503	6
48	MP2C	Mx	-.000972	6
49	MP3B	X	1.584	4
50	MP3B	Z	-.914	4
51	MP3B	Mx	.001	4
52	MP3B	X	1.584	6
53	MP3B	Z	-.914	6
54	MP3B	Mx	.001	6
55	OVP	X	5.692	1
56	OVP	Z	-3.286	1
57	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	2.995	5
59	MP1A	Z	-1.729	5
60	MP1A	Mx	.001	5
61	MP1B	X	2.415	3
62	MP1B	Z	-1.394	3
63	MP1B	Mx	-.001	3
64	MP1C	X	3.506	5
65	MP1C	Z	-2.024	5
66	MP1C	Mx	.000524	5
67	MP2A	X	2.371	5
68	MP2A	Z	-1.369	5
69	MP2A	Mx	.001	5
70	MP2B	X	1.978	5
71	MP2B	Z	-1.142	5
72	MP2B	Mx	-.001	5
73	MP2C	X	3.477	5
74	MP2C	Z	-2.007	5
75	MP2C	Mx	.000519	5
76	MP1B	X	7.341	1
77	MP1B	Z	-4.238	1
78	MP1B	Mx	.006	1
79	MP1B	X	7.341	5
80	MP1B	Z	-4.238	5
81	MP1B	Mx	.006	5
82	MP4A	X	8.888	1
83	MP4A	Z	-5.132	1
84	MP4A	Mx	-.005	1
85	MP4A	X	8.888	5
86	MP4A	Z	-5.132	5
87	MP4A	Mx	-.005	5
88	MP4C	X	10.436	1
89	MP4C	Z	-6.025	1
90	MP4C	Mx	-.002	1
91	MP4C	X	10.436	5
92	MP4C	Z	-6.025	5
93	MP4C	Mx	-.002	5
94	M24A	X	1.45	2
95	M24A	Z	-.837	2
96	M24A	Mx	0	2
97	MP1A	X	1.06	3
98	MP1A	Z	-.612	3
99	MP1A	Mx	.00053	3
100	MP2B	X	.685	3
101	MP2B	Z	-.396	3
102	MP2B	Mx	-.000394	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.728	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.004	3
4	MP1A	X	4.728	7
5	MP1A	Z	0	7
6	MP1A	Mx	-.004	7
7	MP1C	X	6.21	3
8	MP1C	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	.005	3
10	MP1C	X	6.21	7
11	MP1C	Z	0	7
12	MP1C	Mx	.005	7
13	MP1A	X	4.728	3
14	MP1A	Z	0	3
15	MP1A	Mx	-.004	3
16	MP1A	X	4.728	7
17	MP1A	Z	0	7
18	MP1A	Mx	-.004	7
19	MP1C	X	6.21	3
20	MP1C	Z	0	3
21	MP1C	Mx	-.003	3
22	MP1C	X	6.21	7
23	MP1C	Z	0	7
24	MP1C	Mx	-.003	7
25	MP2B	X	5.25	3
26	MP2B	Z	0	3
27	MP2B	Mx	.001	3
28	MP2B	X	5.25	7
29	MP2B	Z	0	7
30	MP2B	Mx	.001	7
31	MP2B	X	5.25	3
32	MP2B	Z	0	3
33	MP2B	Mx	.005	3
34	MP2B	X	5.25	7
35	MP2B	Z	0	7
36	MP2B	Mx	.005	7
37	MP2A	X	1.803	4
38	MP2A	Z	0	4
39	MP2A	Mx	-.001	4
40	MP2A	X	1.803	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.001	6
43	MP2C	X	5.005	4
44	MP2C	Z	0	4
45	MP2C	Mx	.000972	4
46	MP2C	X	5.005	6
47	MP2C	Z	0	6
48	MP2C	Mx	.000972	6
49	MP3B	X	2.932	4
50	MP3B	Z	0	4
51	MP3B	Mx	.002	4
52	MP3B	X	2.932	6
53	MP3B	Z	0	6
54	MP3B	Mx	.002	6
55	OVP	X	6.573	1
56	OVP	Z	0	1
57	OVP	Mx	0	1
58	MP1A	X	2.869	5
59	MP1A	Z	0	5
60	MP1A	Mx	.001	5
61	MP1B	X	3.226	3
62	MP1B	Z	0	3
63	MP1B	Mx	-.001	3
64	MP1C	X	4.049	5
65	MP1C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1C	Mx	-.000524	5
67	MP2A	X	2.27	5
68	MP2A	Z	0	5
69	MP2A	Mx	.001	5
70	MP2B	X	2.885	5
71	MP2B	Z	0	5
72	MP2B	Mx	-.001	5
73	MP2C	X	4.015	5
74	MP2C	Z	0	5
75	MP2C	Mx	-.00052	5
76	MP1B	X	10.263	1
77	MP1B	Z	0	1
78	MP1B	Mx	.005	1
79	MP1B	X	10.263	5
80	MP1B	Z	0	5
81	MP1B	Mx	.005	5
82	MP4A	X	8.476	1
83	MP4A	Z	0	1
84	MP4A	Mx	-.006	1
85	MP4A	X	8.476	5
86	MP4A	Z	0	5
87	MP4A	Mx	-.006	5
88	MP4C	X	12.05	1
89	MP4C	Z	0	1
90	MP4C	Mx	.002	1
91	MP4C	X	12.05	5
92	MP4C	Z	0	5
93	MP4C	Mx	.002	5
94	M24A	X	1.674	2
95	M24A	Z	0	2
96	M24A	Mx	0	2
97	MP1A	X	.778	3
98	MP1A	Z	0	3
99	MP1A	Mx	.000389	3
100	MP2B	X	1.365	3
101	MP2B	Z	0	3
102	MP2B	Mx	-.000559	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.438	3
2	MP1A	Z	2.562	3
3	MP1A	Mx	-.002	3
4	MP1A	X	4.438	7
5	MP1A	Z	2.562	7
6	MP1A	Mx	-.002	7
7	MP1C	X	4.782	3
8	MP1C	Z	2.761	3
9	MP1C	Mx	.006	3
10	MP1C	X	4.782	7
11	MP1C	Z	2.761	7
12	MP1C	Mx	.006	7
13	MP1A	X	4.438	3
14	MP1A	Z	2.562	3
15	MP1A	Mx	-.005	3
16	MP1A	X	4.438	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	2.562	7
18	MP1A	Mx	-.005	7
19	MP1C	X	4.782	3
20	MP1C	Z	2.761	3
21	MP1C	Mx	.000325	3
22	MP1C	X	4.782	7
23	MP1C	Z	2.761	7
24	MP1C	Mx	.000325	7
25	MP2B	X	5.225	3
26	MP2B	Z	3.016	3
27	MP2B	Mx	-.002	3
28	MP2B	X	5.225	7
29	MP2B	Z	3.016	7
30	MP2B	Mx	-.002	7
31	MP2B	X	5.225	3
32	MP2B	Z	3.016	3
33	MP2B	Mx	.006	3
34	MP2B	X	5.225	7
35	MP2B	Z	3.016	7
36	MP2B	Mx	.006	7
37	MP2A	X	2.304	4
38	MP2A	Z	1.33	4
39	MP2A	Mx	-.002	4
40	MP2A	X	2.304	6
41	MP2A	Z	1.33	6
42	MP2A	Mx	-.002	6
43	MP2C	X	3.048	4
44	MP2C	Z	1.759	4
45	MP2C	Mx	.002	4
46	MP2C	X	3.048	6
47	MP2C	Z	1.759	6
48	MP2C	Mx	.002	6
49	MP3B	X	4.003	4
50	MP3B	Z	2.311	4
51	MP3B	Mx	.001	4
52	MP3B	X	4.003	6
53	MP3B	Z	2.311	6
54	MP3B	Mx	.001	6
55	OVP	X	6.454	1
56	OVP	Z	3.726	1
57	OVP	Mx	0	1
58	MP1A	X	2.485	5
59	MP1A	Z	1.435	5
60	MP1A	Mx	.001	5
61	MP1B	X	3.375	3
62	MP1B	Z	1.948	3
63	MP1B	Mx	-.000824	3
64	MP1C	X	2.995	5
65	MP1C	Z	1.729	5
66	MP1C	Mx	-.001	5
67	MP2A	X	2.371	5
68	MP2A	Z	1.369	5
69	MP2A	Mx	.001	5
70	MP2B	X	3.296	5
71	MP2B	Z	1.903	5
72	MP2B	Mx	-.000804	5
73	MP2C	X	2.776	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	1.603	5
75	MP2C	Mx	-.001	5
76	MP1B	X	10.436	1
77	MP1B	Z	6.025	1
78	MP1B	Mx	.002	1
79	MP1B	X	10.436	5
80	MP1B	Z	6.025	5
81	MP1B	Mx	.002	5
82	MP4A	X	7.341	1
83	MP4A	Z	4.238	1
84	MP4A	Mx	-.006	1
85	MP4A	X	7.341	5
86	MP4A	Z	4.238	5
87	MP4A	Mx	-.006	5
88	MP4C	X	8.888	1
89	MP4C	Z	5.132	1
90	MP4C	Mx	.005	1
91	MP4C	X	8.888	5
92	MP4C	Z	5.132	5
93	MP4C	Mx	.005	5
94	M24A	X	1.85	2
95	M24A	Z	1.068	2
96	M24A	Mx	0	2
97	MP1A	X	1.06	3
98	MP1A	Z	.612	3
99	MP1A	Mx	.00053	3
100	MP2B	X	1.944	3
101	MP2B	Z	1.123	3
102	MP2B	Mx	-.000474	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.96	3
2	MP1A	Z	5.126	3
3	MP1A	Mx	.001	3
4	MP1A	X	2.96	7
5	MP1A	Z	5.126	7
6	MP1A	Mx	.001	7
7	MP1C	X	2.417	3
8	MP1C	Z	4.186	3
9	MP1C	Mx	.004	3
10	MP1C	X	2.417	7
11	MP1C	Z	4.186	7
12	MP1C	Mx	.004	7
13	MP1A	X	2.96	3
14	MP1A	Z	5.126	3
15	MP1A	Mx	-.006	3
16	MP1A	X	2.96	7
17	MP1A	Z	5.126	7
18	MP1A	Mx	-.006	7
19	MP1C	X	2.417	3
20	MP1C	Z	4.186	3
21	MP1C	Mx	.003	3
22	MP1C	X	2.417	7
23	MP1C	Z	4.186	7
24	MP1C	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	3.152	3
26	MP2B	Z	5.46	3
27	MP2B	Mx	-.005	3
28	MP2B	X	3.152	7
29	MP2B	Z	5.46	7
30	MP2B	Mx	-.005	7
31	MP2B	X	3.152	3
32	MP2B	Z	5.46	3
33	MP2B	Mx	.004	3
34	MP2B	X	3.152	7
35	MP2B	Z	5.46	7
36	MP2B	Mx	.004	7
37	MP2A	X	2.189	4
38	MP2A	Z	3.791	4
39	MP2A	Mx	-.002	4
40	MP2A	X	2.189	6
41	MP2A	Z	3.791	6
42	MP2A	Mx	-.002	6
43	MP2C	X	1.016	4
44	MP2C	Z	1.76	4
45	MP2C	Mx	.001	4
46	MP2C	X	1.016	6
47	MP2C	Z	1.76	6
48	MP2C	Mx	.001	6
49	MP3B	X	2.604	4
50	MP3B	Z	4.511	4
51	MP3B	Mx	-.000341	4
52	MP3B	X	2.604	6
53	MP3B	Z	4.511	6
54	MP3B	Mx	-.000341	6
55	OVP	X	4.165	1
56	OVP	Z	7.215	1
57	OVP	Mx	0	1
58	MP1A	X	1.729	5
59	MP1A	Z	2.995	5
60	MP1A	Mx	.001	5
61	MP1B	X	2.065	3
62	MP1B	Z	3.576	3
63	MP1B	Mx	.00018	3
64	MP1C	X	1.435	5
65	MP1C	Z	2.485	5
66	MP1C	Mx	-.001	5
67	MP2A	X	1.836	5
68	MP2A	Z	3.181	5
69	MP2A	Mx	.000918	5
70	MP2B	X	2.063	5
71	MP2B	Z	3.573	5
72	MP2B	Mx	.00018	5
73	MP2C	X	1.198	5
74	MP2C	Z	2.075	5
75	MP2C	Mx	-.001	5
76	MP1B	X	6.025	1
77	MP1B	Z	10.436	1
78	MP1B	Mx	-.002	1
79	MP1B	X	6.025	5
80	MP1B	Z	10.436	5
81	MP1B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4A	X	5.132	1
83	MP4A	Z	8.888	1
84	MP4A	Mx	-.005	1
85	MP4A	X	5.132	5
86	MP4A	Z	8.888	5
87	MP4A	Mx	-.005	5
88	MP4C	X	4.238	1
89	MP4C	Z	7.341	1
90	MP4C	Mx	.006	1
91	MP4C	X	4.238	5
92	MP4C	Z	7.341	5
93	MP4C	Mx	.006	5
94	M24A	X	1.3	2
95	M24A	Z	2.251	2
96	M24A	Mx	0	2
97	MP1A	X	1.059	3
98	MP1A	Z	1.834	3
99	MP1A	Mx	.000529	3
100	MP2B	X	1.275	3
101	MP2B	Z	2.209	3
102	MP2B	Mx	.000111	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	6.317	3
3	MP1A	Mx	.004	3
4	MP1A	X	0	7
5	MP1A	Z	6.317	7
6	MP1A	Mx	.004	7
7	MP1C	X	0	3
8	MP1C	Z	4.834	3
9	MP1C	Mx	.003	3
10	MP1C	X	0	7
11	MP1C	Z	4.834	7
12	MP1C	Mx	.003	7
13	MP1A	X	0	3
14	MP1A	Z	6.317	3
15	MP1A	Mx	-.004	3
16	MP1A	X	0	7
17	MP1A	Z	6.317	7
18	MP1A	Mx	-.004	7
19	MP1C	X	0	3
20	MP1C	Z	4.834	3
21	MP1C	Mx	.004	3
22	MP1C	X	0	7
23	MP1C	Z	4.834	7
24	MP1C	Mx	.004	7
25	MP2B	X	0	3
26	MP2B	Z	5.794	3
27	MP2B	Mx	-.006	3
28	MP2B	X	0	7
29	MP2B	Z	5.794	7
30	MP2B	Mx	-.006	7
31	MP2B	X	0	3
32	MP2B	Z	5.794	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2B	Mx	.000672	3
34	MP2B	X	0	7
35	MP2B	Z	5.794	7
36	MP2B	Mx	.000672	7
37	MP2A	X	0	4
38	MP2A	Z	5.235	4
39	MP2A	Mx	0	4
40	MP2A	X	0	6
41	MP2A	Z	5.235	6
42	MP2A	Mx	0	6
43	MP2C	X	0	4
44	MP2C	Z	2.033	4
45	MP2C	Mx	.001	4
46	MP2C	X	0	6
47	MP2C	Z	2.033	6
48	MP2C	Mx	.001	6
49	MP3B	X	0	4
50	MP3B	Z	4.106	4
51	MP3B	Mx	-.002	4
52	MP3B	X	0	6
53	MP3B	Z	4.106	6
54	MP3B	Mx	-.002	6
55	OVP	X	0	1
56	OVP	Z	8.331	1
57	OVP	Mx	0	1
58	MP1A	X	0	5
59	MP1A	Z	4.049	5
60	MP1A	Mx	.000524	5
61	MP1B	X	0	3
62	MP1B	Z	3.692	3
63	MP1B	Mx	.001	3
64	MP1C	X	0	5
65	MP1C	Z	2.869	5
66	MP1C	Mx	-.001	5
67	MP2A	X	0	5
68	MP2A	Z	4.14	5
69	MP2A	Mx	0	5
70	MP2B	X	0	5
71	MP2B	Z	3.525	5
72	MP2B	Mx	.001	5
73	MP2C	X	0	5
74	MP2C	Z	2.396	5
75	MP2C	Mx	-.001	5
76	MP1B	X	0	1
77	MP1B	Z	10.263	1
78	MP1B	Mx	-.005	1
79	MP1B	X	0	5
80	MP1B	Z	10.263	5
81	MP1B	Mx	-.005	5
82	MP4A	X	0	1
83	MP4A	Z	12.05	1
84	MP4A	Mx	-.002	1
85	MP4A	X	0	5
86	MP4A	Z	12.05	5
87	MP4A	Mx	-.002	5
88	MP4C	X	0	1
89	MP4C	Z	8.476	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4C	Mx	.006	1
91	MP4C	X	0	5
92	MP4C	Z	8.476	5
93	MP4C	Mx	.006	5
94	M24A	X	0	2
95	M24A	Z	2.599	2
96	M24A	Mx	0	2
97	MP1A	X	0	3
98	MP1A	Z	2.564	3
99	MP1A	Mx	0	3
100	MP2B	X	0	3
101	MP2B	Z	1.976	3
102	MP2B	Mx	.000567	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.96	3
2	MP1A	Z	5.126	3
3	MP1A	Mx	.006	3
4	MP1A	X	-2.96	7
5	MP1A	Z	5.126	7
6	MP1A	Mx	.006	7
7	MP1C	X	-2.761	3
8	MP1C	Z	4.782	3
9	MP1C	Mx	.000325	3
10	MP1C	X	-2.761	7
11	MP1C	Z	4.782	7
12	MP1C	Mx	.000325	7
13	MP1A	X	-2.96	3
14	MP1A	Z	5.126	3
15	MP1A	Mx	-.001	3
16	MP1A	X	-2.96	7
17	MP1A	Z	5.126	7
18	MP1A	Mx	-.001	7
19	MP1C	X	-2.761	3
20	MP1C	Z	4.782	3
21	MP1C	Mx	.006	3
22	MP1C	X	-2.761	7
23	MP1C	Z	4.782	7
24	MP1C	Mx	.006	7
25	MP2B	X	-2.506	3
26	MP2B	Z	4.34	3
27	MP2B	Mx	-.005	3
28	MP2B	X	-2.506	7
29	MP2B	Z	4.34	7
30	MP2B	Mx	-.005	7
31	MP2B	X	-2.506	3
32	MP2B	Z	4.34	3
33	MP2B	Mx	-.002	3
34	MP2B	X	-2.506	7
35	MP2B	Z	4.34	7
36	MP2B	Mx	-.002	7
37	MP2A	X	-2.189	4
38	MP2A	Z	3.791	4
39	MP2A	Mx	.002	4
40	MP2A	X	-2.189	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	3.791	6
42	MP2A	Mx	.002	6
43	MP2C	X	-1.759	4
44	MP2C	Z	3.048	4
45	MP2C	Mx	.002	4
46	MP2C	X	-1.759	6
47	MP2C	Z	3.048	6
48	MP2C	Mx	.002	6
49	MP3B	X	-1.208	4
50	MP3B	Z	2.092	4
51	MP3B	Mx	-.002	4
52	MP3B	X	-1.208	6
53	MP3B	Z	2.092	6
54	MP3B	Mx	-.002	6
55	OVP	X	-3.726	1
56	OVP	Z	6.454	1
57	OVP	Mx	0	1
58	MP1A	X	-2.024	5
59	MP1A	Z	3.506	5
60	MP1A	Mx	-.000524	5
61	MP1B	X	-1.511	3
62	MP1B	Z	2.616	3
63	MP1B	Mx	.001	3
64	MP1C	X	-1.729	5
65	MP1C	Z	2.995	5
66	MP1C	Mx	-.001	5
67	MP2A	X	-1.836	5
68	MP2A	Z	3.181	5
69	MP2A	Mx	-.000918	5
70	MP2B	X	-1.302	5
71	MP2B	Z	2.255	5
72	MP2B	Mx	.001	5
73	MP2C	X	-1.603	5
74	MP2C	Z	2.776	5
75	MP2C	Mx	-.001	5
76	MP1B	X	-4.238	1
77	MP1B	Z	7.341	1
78	MP1B	Mx	-.006	1
79	MP1B	X	-4.238	5
80	MP1B	Z	7.341	5
81	MP1B	Mx	-.006	5
82	MP4A	X	-6.025	1
83	MP4A	Z	10.436	1
84	MP4A	Mx	.002	1
85	MP4A	X	-6.025	5
86	MP4A	Z	10.436	5
87	MP4A	Mx	.002	5
88	MP4C	X	-5.132	1
89	MP4C	Z	8.888	1
90	MP4C	Mx	.005	1
91	MP4C	X	-5.132	5
92	MP4C	Z	8.888	5
93	MP4C	Mx	.005	5
94	M24A	X	-1.068	2
95	M24A	Z	1.85	2
96	M24A	Mx	0	2
97	MP1A	X	-1.059	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1A	Z	1.834	3
99	MP1A	Mx	-.000529	3
100	MP2B	X	-.548	3
101	MP2B	Z	.95	3
102	MP2B	Mx	.000497	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.438	3
2	MP1A	Z	2.562	3
3	MP1A	Mx	.005	3
4	MP1A	X	-4.438	7
5	MP1A	Z	2.562	7
6	MP1A	Mx	.005	7
7	MP1C	X	-5.378	3
8	MP1C	Z	3.105	3
9	MP1C	Mx	-.003	3
10	MP1C	X	-5.378	7
11	MP1C	Z	3.105	7
12	MP1C	Mx	-.003	7
13	MP1A	X	-4.438	3
14	MP1A	Z	2.562	3
15	MP1A	Mx	.002	3
16	MP1A	X	-4.438	7
17	MP1A	Z	2.562	7
18	MP1A	Mx	.002	7
19	MP1C	X	-5.378	3
20	MP1C	Z	3.105	3
21	MP1C	Mx	.005	3
22	MP1C	X	-5.378	7
23	MP1C	Z	3.105	7
24	MP1C	Mx	.005	7
25	MP2B	X	-4.105	3
26	MP2B	Z	2.37	3
27	MP2B	Mx	-.003	3
28	MP2B	X	-4.105	7
29	MP2B	Z	2.37	7
30	MP2B	Mx	-.003	7
31	MP2B	X	-4.105	3
32	MP2B	Z	2.37	3
33	MP2B	Mx	-.004	3
34	MP2B	X	-4.105	7
35	MP2B	Z	2.37	7
36	MP2B	Mx	-.004	7
37	MP2A	X	-2.304	4
38	MP2A	Z	1.33	4
39	MP2A	Mx	.002	4
40	MP2A	X	-2.304	6
41	MP2A	Z	1.33	6
42	MP2A	Mx	.002	6
43	MP2C	X	-4.335	4
44	MP2C	Z	2.503	4
45	MP2C	Mx	.000972	4
46	MP2C	X	-4.335	6
47	MP2C	Z	2.503	6
48	MP2C	Mx	.000972	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3B	X	-1.584	4
50	MP3B	Z	.914	4
51	MP3B	Mx	-.001	4
52	MP3B	X	-1.584	6
53	MP3B	Z	.914	6
54	MP3B	Mx	-.001	6
55	OVP	X	-5.692	1
56	OVP	Z	3.286	1
57	OVP	Mx	0	1
58	MP1A	X	-2.995	5
59	MP1A	Z	1.729	5
60	MP1A	Mx	-.001	5
61	MP1B	X	-2.415	3
62	MP1B	Z	1.394	3
63	MP1B	Mx	.001	3
64	MP1C	X	-3.506	5
65	MP1C	Z	2.024	5
66	MP1C	Mx	-.000524	5
67	MP2A	X	-2.371	5
68	MP2A	Z	1.369	5
69	MP2A	Mx	-.001	5
70	MP2B	X	-1.978	5
71	MP2B	Z	1.142	5
72	MP2B	Mx	.001	5
73	MP2C	X	-3.477	5
74	MP2C	Z	2.007	5
75	MP2C	Mx	-.000519	5
76	MP1B	X	-7.341	1
77	MP1B	Z	4.238	1
78	MP1B	Mx	-.006	1
79	MP1B	X	-7.341	5
80	MP1B	Z	4.238	5
81	MP1B	Mx	-.006	5
82	MP4A	X	-8.888	1
83	MP4A	Z	5.132	1
84	MP4A	Mx	.005	1
85	MP4A	X	-8.888	5
86	MP4A	Z	5.132	5
87	MP4A	Mx	.005	5
88	MP4C	X	-10.436	1
89	MP4C	Z	6.025	1
90	MP4C	Mx	.002	1
91	MP4C	X	-10.436	5
92	MP4C	Z	6.025	5
93	MP4C	Mx	.002	5
94	M24A	X	-1.45	2
95	M24A	Z	.837	2
96	M24A	Mx	0	2
97	MP1A	X	-1.06	3
98	MP1A	Z	.612	3
99	MP1A	Mx	-.00053	3
100	MP2B	X	-.685	3
101	MP2B	Z	.396	3
102	MP2B	Mx	.000394	3

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.728	3
2	MP1A	Z	0	3
3	MP1A	Mx	.004	3
4	MP1A	X	-4.728	7
5	MP1A	Z	0	7
6	MP1A	Mx	.004	7
7	MP1C	X	-6.21	3
8	MP1C	Z	0	3
9	MP1C	Mx	-.005	3
10	MP1C	X	-6.21	7
11	MP1C	Z	0	7
12	MP1C	Mx	-.005	7
13	MP1A	X	-4.728	3
14	MP1A	Z	0	3
15	MP1A	Mx	.004	3
16	MP1A	X	-4.728	7
17	MP1A	Z	0	7
18	MP1A	Mx	.004	7
19	MP1C	X	-6.21	3
20	MP1C	Z	0	3
21	MP1C	Mx	.003	3
22	MP1C	X	-6.21	7
23	MP1C	Z	0	7
24	MP1C	Mx	.003	7
25	MP2B	X	-5.25	3
26	MP2B	Z	0	3
27	MP2B	Mx	-.001	3
28	MP2B	X	-5.25	7
29	MP2B	Z	0	7
30	MP2B	Mx	-.001	7
31	MP2B	X	-5.25	3
32	MP2B	Z	0	3
33	MP2B	Mx	-.005	3
34	MP2B	X	-5.25	7
35	MP2B	Z	0	7
36	MP2B	Mx	-.005	7
37	MP2A	X	-1.803	4
38	MP2A	Z	0	4
39	MP2A	Mx	.001	4
40	MP2A	X	-1.803	6
41	MP2A	Z	0	6
42	MP2A	Mx	.001	6
43	MP2C	X	-5.005	4
44	MP2C	Z	0	4
45	MP2C	Mx	-.000972	4
46	MP2C	X	-5.005	6
47	MP2C	Z	0	6
48	MP2C	Mx	-.000972	6
49	MP3B	X	-2.932	4
50	MP3B	Z	0	4
51	MP3B	Mx	-.002	4
52	MP3B	X	-2.932	6
53	MP3B	Z	0	6
54	MP3B	Mx	-.002	6
55	OVP	X	-6.573	1
56	OVP	Z	0	1
57	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-2.869	5
59	MP1A	Z	0	5
60	MP1A	Mx	-.001	5
61	MP1B	X	-3.226	3
62	MP1B	Z	0	3
63	MP1B	Mx	.001	3
64	MP1C	X	-4.049	5
65	MP1C	Z	0	5
66	MP1C	Mx	.000524	5
67	MP2A	X	-2.27	5
68	MP2A	Z	0	5
69	MP2A	Mx	-.001	5
70	MP2B	X	-2.885	5
71	MP2B	Z	0	5
72	MP2B	Mx	.001	5
73	MP2C	X	-4.015	5
74	MP2C	Z	0	5
75	MP2C	Mx	.00052	5
76	MP1B	X	-10.263	1
77	MP1B	Z	0	1
78	MP1B	Mx	-.005	1
79	MP1B	X	-10.263	5
80	MP1B	Z	0	5
81	MP1B	Mx	-.005	5
82	MP4A	X	-8.476	1
83	MP4A	Z	0	1
84	MP4A	Mx	.006	1
85	MP4A	X	-8.476	5
86	MP4A	Z	0	5
87	MP4A	Mx	.006	5
88	MP4C	X	-12.05	1
89	MP4C	Z	0	1
90	MP4C	Mx	-.002	1
91	MP4C	X	-12.05	5
92	MP4C	Z	0	5
93	MP4C	Mx	-.002	5
94	M24A	X	-1.674	2
95	M24A	Z	0	2
96	M24A	Mx	0	2
97	MP1A	X	-.778	3
98	MP1A	Z	0	3
99	MP1A	Mx	-.000389	3
100	MP2B	X	-1.365	3
101	MP2B	Z	0	3
102	MP2B	Mx	.000559	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.438	3
2	MP1A	Z	-2.562	3
3	MP1A	Mx	.002	3
4	MP1A	X	-4.438	7
5	MP1A	Z	-2.562	7
6	MP1A	Mx	.002	7
7	MP1C	X	-4.782	3
8	MP1C	Z	-2.761	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	-.006	3
10	MP1C	X	-4.782	7
11	MP1C	Z	-2.761	7
12	MP1C	Mx	-.006	7
13	MP1A	X	-4.438	3
14	MP1A	Z	-2.562	3
15	MP1A	Mx	.005	3
16	MP1A	X	-4.438	7
17	MP1A	Z	-2.562	7
18	MP1A	Mx	.005	7
19	MP1C	X	-4.782	3
20	MP1C	Z	-2.761	3
21	MP1C	Mx	-.000325	3
22	MP1C	X	-4.782	7
23	MP1C	Z	-2.761	7
24	MP1C	Mx	-.000325	7
25	MP2B	X	-5.225	3
26	MP2B	Z	-3.016	3
27	MP2B	Mx	.002	3
28	MP2B	X	-5.225	7
29	MP2B	Z	-3.016	7
30	MP2B	Mx	.002	7
31	MP2B	X	-5.225	3
32	MP2B	Z	-3.016	3
33	MP2B	Mx	-.006	3
34	MP2B	X	-5.225	7
35	MP2B	Z	-3.016	7
36	MP2B	Mx	-.006	7
37	MP2A	X	-2.304	4
38	MP2A	Z	-1.33	4
39	MP2A	Mx	.002	4
40	MP2A	X	-2.304	6
41	MP2A	Z	-1.33	6
42	MP2A	Mx	.002	6
43	MP2C	X	-3.048	4
44	MP2C	Z	-1.759	4
45	MP2C	Mx	-.002	4
46	MP2C	X	-3.048	6
47	MP2C	Z	-1.759	6
48	MP2C	Mx	-.002	6
49	MP3B	X	-4.003	4
50	MP3B	Z	-2.311	4
51	MP3B	Mx	-.001	4
52	MP3B	X	-4.003	6
53	MP3B	Z	-2.311	6
54	MP3B	Mx	-.001	6
55	OVP	X	-6.454	1
56	OVP	Z	-3.726	1
57	OVP	Mx	0	1
58	MP1A	X	-2.485	5
59	MP1A	Z	-1.435	5
60	MP1A	Mx	-.001	5
61	MP1B	X	-3.375	3
62	MP1B	Z	-1.948	3
63	MP1B	Mx	.000824	3
64	MP1C	X	-2.995	5
65	MP1C	Z	-1.729	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1C	Mx	.001	5
67	MP2A	X	-2.371	5
68	MP2A	Z	-1.369	5
69	MP2A	Mx	-.001	5
70	MP2B	X	-3.296	5
71	MP2B	Z	-1.903	5
72	MP2B	Mx	.000804	5
73	MP2C	X	-2.776	5
74	MP2C	Z	-1.603	5
75	MP2C	Mx	.001	5
76	MP1B	X	-10.436	1
77	MP1B	Z	-6.025	1
78	MP1B	Mx	-.002	1
79	MP1B	X	-10.436	5
80	MP1B	Z	-6.025	5
81	MP1B	Mx	-.002	5
82	MP4A	X	-7.341	1
83	MP4A	Z	-4.238	1
84	MP4A	Mx	.006	1
85	MP4A	X	-7.341	5
86	MP4A	Z	-4.238	5
87	MP4A	Mx	.006	5
88	MP4C	X	-8.888	1
89	MP4C	Z	-5.132	1
90	MP4C	Mx	-.005	1
91	MP4C	X	-8.888	5
92	MP4C	Z	-5.132	5
93	MP4C	Mx	-.005	5
94	M24A	X	-1.85	2
95	M24A	Z	-1.068	2
96	M24A	Mx	0	2
97	MP1A	X	-1.06	3
98	MP1A	Z	-.612	3
99	MP1A	Mx	-.00053	3
100	MP2B	X	-1.944	3
101	MP2B	Z	-1.123	3
102	MP2B	Mx	.000474	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.96	3
2	MP1A	Z	-5.126	3
3	MP1A	Mx	-.001	3
4	MP1A	X	-2.96	7
5	MP1A	Z	-5.126	7
6	MP1A	Mx	-.001	7
7	MP1C	X	-2.417	3
8	MP1C	Z	-4.186	3
9	MP1C	Mx	-.004	3
10	MP1C	X	-2.417	7
11	MP1C	Z	-4.186	7
12	MP1C	Mx	-.004	7
13	MP1A	X	-2.96	3
14	MP1A	Z	-5.126	3
15	MP1A	Mx	.006	3
16	MP1A	X	-2.96	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	-5.126	7
18	MP1A	Mx	.006	7
19	MP1C	X	-2.417	3
20	MP1C	Z	-4.186	3
21	MP1C	Mx	-.003	3
22	MP1C	X	-2.417	7
23	MP1C	Z	-4.186	7
24	MP1C	Mx	-.003	7
25	MP2B	X	-3.152	3
26	MP2B	Z	-5.46	3
27	MP2B	Mx	.005	3
28	MP2B	X	-3.152	7
29	MP2B	Z	-5.46	7
30	MP2B	Mx	.005	7
31	MP2B	X	-3.152	3
32	MP2B	Z	-5.46	3
33	MP2B	Mx	-.004	3
34	MP2B	X	-3.152	7
35	MP2B	Z	-5.46	7
36	MP2B	Mx	-.004	7
37	MP2A	X	-2.189	4
38	MP2A	Z	-3.791	4
39	MP2A	Mx	.002	4
40	MP2A	X	-2.189	6
41	MP2A	Z	-3.791	6
42	MP2A	Mx	.002	6
43	MP2C	X	-1.016	4
44	MP2C	Z	-1.76	4
45	MP2C	Mx	-.001	4
46	MP2C	X	-1.016	6
47	MP2C	Z	-1.76	6
48	MP2C	Mx	-.001	6
49	MP3B	X	-2.604	4
50	MP3B	Z	-4.511	4
51	MP3B	Mx	.000341	4
52	MP3B	X	-2.604	6
53	MP3B	Z	-4.511	6
54	MP3B	Mx	.000341	6
55	OVP	X	-4.165	1
56	OVP	Z	-7.215	1
57	OVP	Mx	0	1
58	MP1A	X	-1.729	5
59	MP1A	Z	-2.995	5
60	MP1A	Mx	-.001	5
61	MP1B	X	-2.065	3
62	MP1B	Z	-3.576	3
63	MP1B	Mx	-.00018	3
64	MP1C	X	-1.435	5
65	MP1C	Z	-2.485	5
66	MP1C	Mx	.001	5
67	MP2A	X	-1.836	5
68	MP2A	Z	-3.181	5
69	MP2A	Mx	-.000918	5
70	MP2B	X	-2.063	5
71	MP2B	Z	-3.573	5
72	MP2B	Mx	-.00018	5
73	MP2C	X	-1.198	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	-2.075	5
75	MP2C	Mx	.001	5
76	MP1B	X	-6.025	1
77	MP1B	Z	-10.436	1
78	MP1B	Mx	.002	1
79	MP1B	X	-6.025	5
80	MP1B	Z	-10.436	5
81	MP1B	Mx	.002	5
82	MP4A	X	-5.132	1
83	MP4A	Z	-8.888	1
84	MP4A	Mx	.005	1
85	MP4A	X	-5.132	5
86	MP4A	Z	-8.888	5
87	MP4A	Mx	.005	5
88	MP4C	X	-4.238	1
89	MP4C	Z	-7.341	1
90	MP4C	Mx	-.006	1
91	MP4C	X	-4.238	5
92	MP4C	Z	-7.341	5
93	MP4C	Mx	-.006	5
94	M24A	X	-1.3	2
95	M24A	Z	-2.251	2
96	M24A	Mx	0	2
97	MP1A	X	-1.059	3
98	MP1A	Z	-1.834	3
99	MP1A	Mx	-.000529	3
100	MP2B	X	-1.275	3
101	MP2B	Z	-2.209	3
102	MP2B	Mx	-.000111	3

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M29	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M31	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7A	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7A	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-.889	3
2	MP1A	My	-.000667	3
3	MP1A	Mz	.000593	3
4	MP1A	Y	-.889	7
5	MP1A	My	-.000667	7
6	MP1A	Mz	.000593	7

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1C	Y	-.889	3
8	MP1C	My	.000745	3
9	MP1C	Mz	.000491	3
10	MP1C	Y	-.889	7
11	MP1C	My	.000745	7
12	MP1C	Mz	.000491	7
13	MP1A	Y	-.889	3
14	MP1A	My	-.000667	3
15	MP1A	Mz	-.000593	3
16	MP1A	Y	-.889	7
17	MP1A	My	-.000667	7
18	MP1A	Mz	-.000593	7
19	MP1C	Y	-.889	3
20	MP1C	My	-.0004	3
21	MP1C	Mz	.000798	3
22	MP1C	Y	-.889	7
23	MP1C	My	-.0004	7
24	MP1C	Mz	.000798	7
25	MP2B	Y	-.889	3
26	MP2B	My	.000206	3
27	MP2B	Mz	-.000868	3
28	MP2B	Y	-.889	7
29	MP2B	My	.000206	7
30	MP2B	Mz	-.000868	7
31	MP2B	Y	-.889	3
32	MP2B	My	.000886	3
33	MP2B	Mz	.000103	3
34	MP2B	Y	-.889	7
35	MP2B	My	.000886	7
36	MP2B	Mz	.000103	7
37	MP2A	Y	-.993	4
38	MP2A	My	-.000745	4
39	MP2A	Mz	0	4
40	MP2A	Y	-.993	6
41	MP2A	My	-.000745	6
42	MP2A	Mz	0	6
43	MP2C	Y	-.993	4
44	MP2C	My	.000193	4
45	MP2C	Mz	.000719	4
46	MP2C	Y	-.993	6
47	MP2C	My	.000193	6
48	MP2C	Mz	.000719	6
49	MP3B	Y	-.993	4
50	MP3B	My	.00061	4
51	MP3B	Mz	-.000427	4
52	MP3B	Y	-.993	6
53	MP3B	My	.00061	6
54	MP3B	Mz	-.000427	6
55	OVP	Y	-.73	1
56	OVP	My	0	1
57	OVP	Mz	0	1
58	MP1A	Y	-1.924	5
59	MP1A	My	.000929	5
60	MP1A	Mz	.000249	5
61	MP1B	Y	-1.924	3
62	MP1B	My	-.000788	3
63	MP1B	Mz	.000552	3

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1C	Y	-1.924	5
65	MP1C	My	-.000249	5
66	MP1C	Mz	-.000929	5
67	MP2A	Y	-1.603	5
68	MP2A	My	.000801	5
69	MP2A	Mz	0	5
70	MP2B	Y	-1.603	5
71	MP2B	My	-.000656	5
72	MP2B	Mz	.00046	5
73	MP2C	Y	-1.603	5
74	MP2C	My	-.000207	5
75	MP2C	Mz	-.000774	5
76	MP1B	Y	-.523	1
77	MP1B	My	.000278	1
78	MP1B	Mz	-.000278	1
79	MP1B	Y	-.523	5
80	MP1B	My	.000278	5
81	MP1B	Mz	-.000278	5
82	MP4A	Y	-.523	1
83	MP4A	My	-.000379	1
84	MP4A	Mz	-.000102	1
85	MP4A	Y	-.523	5
86	MP4A	My	-.000379	5
87	MP4A	Mz	-.000102	5
88	MP4C	Y	-.523	1
89	MP4C	My	.000102	1
90	MP4C	Mz	.000379	1
91	MP4C	Y	-.523	5
92	MP4C	My	.000102	5
93	MP4C	Mz	.000379	5
94	M24A	Y	-.228	2
95	M24A	My	0	2
96	M24A	Mz	0	2
97	MP1A	Y	-.401	3
98	MP1A	My	.000201	3
99	MP1A	Mz	0	3
100	MP2B	Y	-.401	3
101	MP2B	My	-.000164	3
102	MP2B	Mz	.000115	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-2.223	3
2	MP1A	Mx	-.001	3
3	MP1A	Z	-2.223	7
4	MP1A	Mx	-.001	7
5	MP1C	Z	-2.223	3
6	MP1C	Mx	-.001	3
7	MP1C	Z	-2.223	7
8	MP1C	Mx	-.001	7
9	MP1A	Z	-2.223	3
10	MP1A	Mx	.001	3
11	MP1A	Z	-2.223	7
12	MP1A	Mx	.001	7
13	MP1C	Z	-2.223	3
14	MP1C	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Z	-2.223	7
16	MP1C	Mx	-.002	7
17	MP2B	Z	-2.223	3
18	MP2B	Mx	.002	3
19	MP2B	Z	-2.223	7
20	MP2B	Mx	.002	7
21	MP2B	Z	-2.223	3
22	MP2B	Mx	-.000258	3
23	MP2B	Z	-2.223	7
24	MP2B	Mx	-.000258	7
25	MP2A	Z	-2.482	4
26	MP2A	Mx	0	4
27	MP2A	Z	-2.482	6
28	MP2A	Mx	0	6
29	MP2C	Z	-2.482	4
30	MP2C	Mx	-.002	4
31	MP2C	Z	-2.482	6
32	MP2C	Mx	-.002	6
33	MP3B	Z	-2.482	4
34	MP3B	Mx	.001	4
35	MP3B	Z	-2.482	6
36	MP3B	Mx	.001	6
37	OVP	Z	-1.824	1
38	OVP	Mx	0	1
39	MP1A	Z	-4.811	5
40	MP1A	Mx	-.000623	5
41	MP1B	Z	-4.811	3
42	MP1B	Mx	-.001	3
43	MP1C	Z	-4.811	5
44	MP1C	Mx	.002	5
45	MP2A	Z	-4.007	5
46	MP2A	Mx	0	5
47	MP2B	Z	-4.007	5
48	MP2B	Mx	-.001	5
49	MP2C	Z	-4.007	5
50	MP2C	Mx	.002	5
51	MP1B	Z	-1.308	1
52	MP1B	Mx	.000694	1
53	MP1B	Z	-1.308	5
54	MP1B	Mx	.000694	5
55	MP4A	Z	-1.308	1
56	MP4A	Mx	.000254	1
57	MP4A	Z	-1.308	5
58	MP4A	Mx	.000254	5
59	MP4C	Z	-1.308	1
60	MP4C	Mx	-.000948	1
61	MP4C	Z	-1.308	5
62	MP4C	Mx	-.000948	5
63	M24A	Z	-.57	2
64	M24A	Mx	0	2
65	MP1A	Z	-1.003	3
66	MP1A	Mx	0	3
67	MP2B	Z	-1.003	3
68	MP2B	Mx	-.000288	3

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.223	3
2	MP1A	Mx	-.002	3
3	MP1A	X	2.223	7
4	MP1A	Mx	-.002	7
5	MP1C	X	2.223	3
6	MP1C	Mx	.002	3
7	MP1C	X	2.223	7
8	MP1C	Mx	.002	7
9	MP1A	X	2.223	3
10	MP1A	Mx	-.002	3
11	MP1A	X	2.223	7
12	MP1A	Mx	-.002	7
13	MP1C	X	2.223	3
14	MP1C	Mx	-.001	3
15	MP1C	X	2.223	7
16	MP1C	Mx	-.001	7
17	MP2B	X	2.223	3
18	MP2B	Mx	.000516	3
19	MP2B	X	2.223	7
20	MP2B	Mx	.000516	7
21	MP2B	X	2.223	3
22	MP2B	Mx	.002	3
23	MP2B	X	2.223	7
24	MP2B	Mx	.002	7
25	MP2A	X	2.482	4
26	MP2A	Mx	-.002	4
27	MP2A	X	2.482	6
28	MP2A	Mx	-.002	6
29	MP2C	X	2.482	4
30	MP2C	Mx	.000482	4
31	MP2C	X	2.482	6
32	MP2C	Mx	.000482	6
33	MP3B	X	2.482	4
34	MP3B	Mx	.002	4
35	MP3B	X	2.482	6
36	MP3B	Mx	.002	6
37	OVP	X	1.824	1
38	OVP	Mx	0	1
39	MP1A	X	4.811	5
40	MP1A	Mx	.002	5
41	MP1B	X	4.811	3
42	MP1B	Mx	-.002	3
43	MP1C	X	4.811	5
44	MP1C	Mx	-.000623	5
45	MP2A	X	4.007	5
46	MP2A	Mx	.002	5
47	MP2B	X	4.007	5
48	MP2B	Mx	-.002	5
49	MP2C	X	4.007	5
50	MP2C	Mx	-.000519	5
51	MP1B	X	1.308	1
52	MP1B	Mx	.000694	1
53	MP1B	X	1.308	5
54	MP1B	Mx	.000694	5
55	MP4A	X	1.308	1
56	MP4A	Mx	-.000948	1
57	MP4A	X	1.308	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	Mx	-.000948	5
59	MP4C	X	1.308	1
60	MP4C	Mx	.000254	1
61	MP4C	X	1.308	5
62	MP4C	Mx	.000254	5
63	M24A	X	.57	2
64	M24A	Mx	0	2
65	MP1A	X	1.003	3
66	MP1A	Mx	.000502	3
67	MP2B	X	1.003	3
68	MP2B	Mx	-.000411	3

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	M1	Y	-9.738	-9.738	0	%100
2	M2	Y	-10.747	-10.747	0	%100
3	M5	Y	-10.228	-10.228	0	%100
4	M6	Y	-10.228	-10.228	0	%100
5	M7	Y	-10.228	-10.228	0	%100
6	M6A	Y	-7.72	-7.72	0	%100
7	M7A	Y	-7.72	-7.72	0	%100
8	M23A	Y	-7.72	-7.72	0	%100
9	M24	Y	-7.72	-7.72	0	%100
10	M39A	Y	-7.72	-7.72	0	%100
11	M40	Y	-7.72	-7.72	0	%100
12	M55	Y	-10.747	-10.747	0	%100
13	M56	Y	-10.747	-10.747	0	%100
14	M22	Y	-5.055	-5.055	0	%100
15	M23	Y	-5.055	-5.055	0	%100
16	M24A	Y	-5.055	-5.055	0	%100
17	MP4A	Y	-5.055	-5.055	0	%100
18	MP3A	Y	-5.055	-5.055	0	%100
19	MP2A	Y	-5.055	-5.055	0	%100
20	MP1A	Y	-5.055	-5.055	0	%100
21	MP4C	Y	-5.055	-5.055	0	%100
22	MP3C	Y	-5.055	-5.055	0	%100
23	MP2C	Y	-5.055	-5.055	0	%100
24	MP1C	Y	-5.055	-5.055	0	%100
25	MP4B	Y	-5.055	-5.055	0	%100
26	MP3B	Y	-5.055	-5.055	0	%100
27	MP2B	Y	-5.055	-5.055	0	%100
28	MP1B	Y	-5.055	-5.055	0	%100
29	M57A	Y	-9.738	-9.738	0	%100
30	M58A	Y	-9.738	-9.738	0	%100
31	M65	Y	-5.055	-5.055	0	%100
32	M66	Y	-5.055	-5.055	0	%100
33	M67	Y	-5.055	-5.055	0	%100
34	OVP	Y	-5.055	-5.055	0	%100
35	M81	Y	-11.298	-11.298	0	%100
36	M73	Y	-11.298	-11.298	0	%100
37	M74	Y	-11.298	-11.298	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	M1	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-14.664	-14.664	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-14.664	-14.664	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-23.185	-23.185	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-23.185	-23.185	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	-5.796	-5.796	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	-5.796	-5.796	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	-5.796	-5.796	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	-5.796	-5.796	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-12.911	-12.911	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	-12.911	-12.911	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	-11.013	-11.013	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	-2.753	-2.753	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	-2.753	-2.753	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-11.013	-11.013	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	-11.013	-11.013	0	%100
37	MP2A	X	0	0	0	%100
38	MP2A	Z	-11.013	-11.013	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-11.013	-11.013	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-11.013	-11.013	0	%100
43	MP3C	X	0	0	0	%100
44	MP3C	Z	-11.013	-11.013	0	%100
45	MP2C	X	0	0	0	%100
46	MP2C	Z	-11.013	-11.013	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	-11.013	-11.013	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-11.013	-11.013	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	-11.013	-11.013	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-11.013	-11.013	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	-11.013	-11.013	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	-9.894	-9.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M58A	X	0	0	0	%100
60	M58A	Z	-9.894	-9.894	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	-1.822	-1.822	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	-7.288	-7.288	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	-1.822	-1.822	0	%100
67	OVP	X	0	0	0	%100
68	OVP	Z	-10.036	-10.036	0	%100
69	M81	X	0	0	0	%100
70	M81	Z	-18.52	-18.52	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	-22.019	-22.019	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-22.019	-22.019	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	M1	X	1.649	1.649	0	%100
2	M1	Z	-2.856	-2.856	0	%100
3	M2	X	2.152	2.152	0	%100
4	M2	Z	-3.727	-3.727	0	%100
5	M5	X	2.444	2.444	0	%100
6	M5	Z	-4.233	-4.233	0	%100
7	M6	X	2.444	2.444	0	%100
8	M6	Z	-4.233	-4.233	0	%100
9	M7	X	9.776	9.776	0	%100
10	M7	Z	-16.932	-16.932	0	%100
11	M6A	X	8.694	8.694	0	%100
12	M6A	Z	-15.059	-15.059	0	%100
13	M7A	X	8.694	8.694	0	%100
14	M7A	Z	-15.059	-15.059	0	%100
15	M23A	X	8.694	8.694	0	%100
16	M23A	Z	-15.059	-15.059	0	%100
17	M24	X	8.694	8.694	0	%100
18	M24	Z	-15.059	-15.059	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	2.152	2.152	0	%100
24	M55	Z	-3.727	-3.727	0	%100
25	M56	X	8.607	8.607	0	%100
26	M56	Z	-14.908	-14.908	0	%100
27	M22	X	4.13	4.13	0	%100
28	M22	Z	-7.153	-7.153	0	%100
29	M23	X	4.13	4.13	0	%100
30	M23	Z	-7.153	-7.153	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	5.506	5.506	0	%100
34	MP4A	Z	-9.538	-9.538	0	%100
35	MP3A	X	5.506	5.506	0	%100
36	MP3A	Z	-9.538	-9.538	0	%100
37	MP2A	X	5.506	5.506	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP2A	Z	-9.538	-9.538	0	%100
39	MP1A	X	5.506	5.506	0	%100
40	MP1A	Z	-9.538	-9.538	0	%100
41	MP4C	X	5.506	5.506	0	%100
42	MP4C	Z	-9.538	-9.538	0	%100
43	MP3C	X	5.506	5.506	0	%100
44	MP3C	Z	-9.538	-9.538	0	%100
45	MP2C	X	5.506	5.506	0	%100
46	MP2C	Z	-9.538	-9.538	0	%100
47	MP1C	X	5.506	5.506	0	%100
48	MP1C	Z	-9.538	-9.538	0	%100
49	MP4B	X	5.506	5.506	0	%100
50	MP4B	Z	-9.538	-9.538	0	%100
51	MP3B	X	5.506	5.506	0	%100
52	MP3B	Z	-9.538	-9.538	0	%100
53	MP2B	X	5.506	5.506	0	%100
54	MP2B	Z	-9.538	-9.538	0	%100
55	MP1B	X	5.506	5.506	0	%100
56	MP1B	Z	-9.538	-9.538	0	%100
57	M57A	X	1.649	1.649	0	%100
58	M57A	Z	-2.856	-2.856	0	%100
59	M58A	X	6.596	6.596	0	%100
60	M58A	Z	-11.425	-11.425	0	%100
61	M65	X	2.733	2.733	0	%100
62	M65	Z	-4.734	-4.734	0	%100
63	M66	X	2.733	2.733	0	%100
64	M66	Z	-4.734	-4.734	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	5.018	5.018	0	%100
68	OVP	Z	-8.692	-8.692	0	%100
69	M81	X	9.843	9.843	0	%100
70	M81	Z	-17.049	-17.049	0	%100
71	M73	X	9.843	9.843	0	%100
72	M73	Z	-17.049	-17.049	0	%100
73	M74	X	11.593	11.593	0	%100
74	M74	Z	-20.079	-20.079	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	M1	X	8.569	8.569	0	%100
2	M1	Z	-4.947	-4.947	0	%100
3	M2	X	11.181	11.181	0	%100
4	M2	Z	-6.455	-6.455	0	%100
5	M5	X	12.699	12.699	0	%100
6	M5	Z	-7.332	-7.332	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	12.699	12.699	0	%100
10	M7	Z	-7.332	-7.332	0	%100
11	M6A	X	5.02	5.02	0	%100
12	M6A	Z	-2.898	-2.898	0	%100
13	M7A	X	5.02	5.02	0	%100
14	M7A	Z	-2.898	-2.898	0	%100
15	M23A	X	20.079	20.079	0	%100
16	M23A	Z	-11.593	-11.593	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,%]
17	M24	X	20.079	20.079	0	%100
18	M24	Z	-11.593	-11.593	0	%100
19	M39A	X	5.02	5.02	0	%100
20	M39A	Z	-2.898	-2.898	0	%100
21	M40	X	5.02	5.02	0	%100
22	M40	Z	-2.898	-2.898	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	11.181	11.181	0	%100
26	M56	Z	-6.455	-6.455	0	%100
27	M22	X	2.384	2.384	0	%100
28	M22	Z	-1.377	-1.377	0	%100
29	M23	X	9.538	9.538	0	%100
30	M23	Z	-5.506	-5.506	0	%100
31	M24A	X	2.384	2.384	0	%100
32	M24A	Z	-1.377	-1.377	0	%100
33	MP4A	X	9.538	9.538	0	%100
34	MP4A	Z	-5.506	-5.506	0	%100
35	MP3A	X	9.538	9.538	0	%100
36	MP3A	Z	-5.506	-5.506	0	%100
37	MP2A	X	9.538	9.538	0	%100
38	MP2A	Z	-5.506	-5.506	0	%100
39	MP1A	X	9.538	9.538	0	%100
40	MP1A	Z	-5.506	-5.506	0	%100
41	MP4C	X	9.538	9.538	0	%100
42	MP4C	Z	-5.506	-5.506	0	%100
43	MP3C	X	9.538	9.538	0	%100
44	MP3C	Z	-5.506	-5.506	0	%100
45	MP2C	X	9.538	9.538	0	%100
46	MP2C	Z	-5.506	-5.506	0	%100
47	MP1C	X	9.538	9.538	0	%100
48	MP1C	Z	-5.506	-5.506	0	%100
49	MP4B	X	9.538	9.538	0	%100
50	MP4B	Z	-5.506	-5.506	0	%100
51	MP3B	X	9.538	9.538	0	%100
52	MP3B	Z	-5.506	-5.506	0	%100
53	MP2B	X	9.538	9.538	0	%100
54	MP2B	Z	-5.506	-5.506	0	%100
55	MP1B	X	9.538	9.538	0	%100
56	MP1B	Z	-5.506	-5.506	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	8.569	8.569	0	%100
60	M58A	Z	-4.947	-4.947	0	%100
61	M65	X	6.312	6.312	0	%100
62	M65	Z	-3.644	-3.644	0	%100
63	M66	X	1.578	1.578	0	%100
64	M66	Z	-.911	-.911	0	%100
65	M67	X	1.578	1.578	0	%100
66	M67	Z	-.911	-.911	0	%100
67	OVP	X	8.692	8.692	0	%100
68	OVP	Z	-5.018	-5.018	0	%100
69	M81	X	19.069	19.069	0	%100
70	M81	Z	-11.01	-11.01	0	%100
71	M73	X	16.039	16.039	0	%100
72	M73	Z	-9.26	-9.26	0	%100
73	M74	X	19.069	19.069	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,%]
74	M74	Z	-11.01	-11.01	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	M1	X	13.192	13.192	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	17.215	17.215	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	19.552	19.552	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	4.888	4.888	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	4.888	4.888	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	17.389	17.389	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	17.389	17.389	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	17.389	17.389	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	17.389	17.389	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	4.304	4.304	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	4.304	4.304	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	0	0	0	%100
29	M23	X	8.26	8.26	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	8.26	8.26	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	11.013	11.013	0	%100
34	MP4A	Z	0	0	0	%100
35	MP3A	X	11.013	11.013	0	%100
36	MP3A	Z	0	0	0	%100
37	MP2A	X	11.013	11.013	0	%100
38	MP2A	Z	0	0	0	%100
39	MP1A	X	11.013	11.013	0	%100
40	MP1A	Z	0	0	0	%100
41	MP4C	X	11.013	11.013	0	%100
42	MP4C	Z	0	0	0	%100
43	MP3C	X	11.013	11.013	0	%100
44	MP3C	Z	0	0	0	%100
45	MP2C	X	11.013	11.013	0	%100
46	MP2C	Z	0	0	0	%100
47	MP1C	X	11.013	11.013	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4B	X	11.013	11.013	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	11.013	11.013	0	%100
52	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	MP2B	X	11.013	11.013	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	11.013	11.013	0	%100
56	MP1B	Z	0	0	0	%100
57	M57A	X	3.298	3.298	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	3.298	3.298	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	5.466	5.466	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M67	X	5.466	5.466	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	10.036	10.036	0	%100
68	OVP	Z	0	0	0	%100
69	M81	X	23.185	23.185	0	%100
70	M81	Z	0	0	0	%100
71	M73	X	19.687	19.687	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	19.687	19.687	0	%100
74	M74	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	M1	X	8.569	8.569	0	%100
2	M1	Z	4.947	4.947	0	%100
3	M2	X	11.181	11.181	0	%100
4	M2	Z	6.455	6.455	0	%100
5	M5	X	12.699	12.699	0	%100
6	M5	Z	7.332	7.332	0	%100
7	M6	X	12.699	12.699	0	%100
8	M6	Z	7.332	7.332	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	5.02	5.02	0	%100
12	M6A	Z	2.898	2.898	0	%100
13	M7A	X	5.02	5.02	0	%100
14	M7A	Z	2.898	2.898	0	%100
15	M23A	X	5.02	5.02	0	%100
16	M23A	Z	2.898	2.898	0	%100
17	M24	X	5.02	5.02	0	%100
18	M24	Z	2.898	2.898	0	%100
19	M39A	X	20.079	20.079	0	%100
20	M39A	Z	11.593	11.593	0	%100
21	M40	X	20.079	20.079	0	%100
22	M40	Z	11.593	11.593	0	%100
23	M55	X	11.181	11.181	0	%100
24	M55	Z	6.455	6.455	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	2.384	2.384	0	%100
28	M22	Z	1.377	1.377	0	%100
29	M23	X	2.384	2.384	0	%100
30	M23	Z	1.377	1.377	0	%100
31	M24A	X	9.538	9.538	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M24A	Z	5.506	5.506	0	%100
33	MP4A	X	9.538	9.538	0	%100
34	MP4A	Z	5.506	5.506	0	%100
35	MP3A	X	9.538	9.538	0	%100
36	MP3A	Z	5.506	5.506	0	%100
37	MP2A	X	9.538	9.538	0	%100
38	MP2A	Z	5.506	5.506	0	%100
39	MP1A	X	9.538	9.538	0	%100
40	MP1A	Z	5.506	5.506	0	%100
41	MP4C	X	9.538	9.538	0	%100
42	MP4C	Z	5.506	5.506	0	%100
43	MP3C	X	9.538	9.538	0	%100
44	MP3C	Z	5.506	5.506	0	%100
45	MP2C	X	9.538	9.538	0	%100
46	MP2C	Z	5.506	5.506	0	%100
47	MP1C	X	9.538	9.538	0	%100
48	MP1C	Z	5.506	5.506	0	%100
49	MP4B	X	9.538	9.538	0	%100
50	MP4B	Z	5.506	5.506	0	%100
51	MP3B	X	9.538	9.538	0	%100
52	MP3B	Z	5.506	5.506	0	%100
53	MP2B	X	9.538	9.538	0	%100
54	MP2B	Z	5.506	5.506	0	%100
55	MP1B	X	9.538	9.538	0	%100
56	MP1B	Z	5.506	5.506	0	%100
57	M57A	X	8.569	8.569	0	%100
58	M57A	Z	4.947	4.947	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	1.578	1.578	0	%100
62	M65	Z	.911	.911	0	%100
63	M66	X	1.578	1.578	0	%100
64	M66	Z	.911	.911	0	%100
65	M67	X	6.312	6.312	0	%100
66	M67	Z	3.644	3.644	0	%100
67	OVP	X	8.692	8.692	0	%100
68	OVP	Z	5.018	5.018	0	%100
69	M81	X	19.069	19.069	0	%100
70	M81	Z	11.01	11.01	0	%100
71	M73	X	19.069	19.069	0	%100
72	M73	Z	11.01	11.01	0	%100
73	M74	X	16.039	16.039	0	%100
74	M74	Z	9.26	9.26	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	M1	X	1.649	1.649	0	%100
2	M1	Z	2.856	2.856	0	%100
3	M2	X	2.152	2.152	0	%100
4	M2	Z	3.727	3.727	0	%100
5	M5	X	2.444	2.444	0	%100
6	M5	Z	4.233	4.233	0	%100
7	M6	X	9.776	9.776	0	%100
8	M6	Z	16.932	16.932	0	%100
9	M7	X	2.444	2.444	0	%100
10	M7	Z	4.233	4.233	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M6A	X	8.694	8.694	0	%100
12	M6A	Z	15.059	15.059	0	%100
13	M7A	X	8.694	8.694	0	%100
14	M7A	Z	15.059	15.059	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	8.694	8.694	0	%100
20	M39A	Z	15.059	15.059	0	%100
21	M40	X	8.694	8.694	0	%100
22	M40	Z	15.059	15.059	0	%100
23	M55	X	8.607	8.607	0	%100
24	M55	Z	14.908	14.908	0	%100
25	M56	X	2.152	2.152	0	%100
26	M56	Z	3.727	3.727	0	%100
27	M22	X	4.13	4.13	0	%100
28	M22	Z	7.153	7.153	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	4.13	4.13	0	%100
32	M24A	Z	7.153	7.153	0	%100
33	MP4A	X	5.506	5.506	0	%100
34	MP4A	Z	9.538	9.538	0	%100
35	MP3A	X	5.506	5.506	0	%100
36	MP3A	Z	9.538	9.538	0	%100
37	MP2A	X	5.506	5.506	0	%100
38	MP2A	Z	9.538	9.538	0	%100
39	MP1A	X	5.506	5.506	0	%100
40	MP1A	Z	9.538	9.538	0	%100
41	MP4C	X	5.506	5.506	0	%100
42	MP4C	Z	9.538	9.538	0	%100
43	MP3C	X	5.506	5.506	0	%100
44	MP3C	Z	9.538	9.538	0	%100
45	MP2C	X	5.506	5.506	0	%100
46	MP2C	Z	9.538	9.538	0	%100
47	MP1C	X	5.506	5.506	0	%100
48	MP1C	Z	9.538	9.538	0	%100
49	MP4B	X	5.506	5.506	0	%100
50	MP4B	Z	9.538	9.538	0	%100
51	MP3B	X	5.506	5.506	0	%100
52	MP3B	Z	9.538	9.538	0	%100
53	MP2B	X	5.506	5.506	0	%100
54	MP2B	Z	9.538	9.538	0	%100
55	MP1B	X	5.506	5.506	0	%100
56	MP1B	Z	9.538	9.538	0	%100
57	M57A	X	6.596	6.596	0	%100
58	M57A	Z	11.425	11.425	0	%100
59	M58A	X	1.649	1.649	0	%100
60	M58A	Z	2.856	2.856	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	2.733	2.733	0	%100
64	M66	Z	4.734	4.734	0	%100
65	M67	X	2.733	2.733	0	%100
66	M67	Z	4.734	4.734	0	%100
67	OVP	X	5.018	5.018	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
68	OVP	Z	8.692	8.692	0	%100
69	M81	X	9.843	9.843	0	%100
70	M81	Z	17.049	17.049	0	%100
71	M73	X	11.593	11.593	0	%100
72	M73	Z	20.079	20.079	0	%100
73	M74	X	9.843	9.843	0	%100
74	M74	Z	17.049	17.049	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	14.664	14.664	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	14.664	14.664	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	23.185	23.185	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	23.185	23.185	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	5.796	5.796	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	5.796	5.796	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	5.796	5.796	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	5.796	5.796	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	12.911	12.911	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	12.911	12.911	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	11.013	11.013	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	2.753	2.753	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	2.753	2.753	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	11.013	11.013	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	11.013	11.013	0	%100
37	MP2A	X	0	0	0	%100
38	MP2A	Z	11.013	11.013	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	11.013	11.013	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	11.013	11.013	0	%100
43	MP3C	X	0	0	0	%100
44	MP3C	Z	11.013	11.013	0	%100
45	MP2C	X	0	0	0	%100
46	MP2C	Z	11.013	11.013	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	MP1C	X	0	0	0	%100
48	MP1C	Z	11.013	11.013	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	11.013	11.013	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	11.013	11.013	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	11.013	11.013	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	11.013	11.013	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	9.894	9.894	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	9.894	9.894	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	1.822	1.822	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	7.288	7.288	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	1.822	1.822	0	%100
67	OVP	X	0	0	0	%100
68	OVP	Z	10.036	10.036	0	%100
69	M81	X	0	0	0	%100
70	M81	Z	18.52	18.52	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	22.019	22.019	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	22.019	22.019	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	M1	X	-1.649	-1.649	0	%100
2	M1	Z	2.856	2.856	0	%100
3	M2	X	-2.152	-2.152	0	%100
4	M2	Z	3.727	3.727	0	%100
5	M5	X	-2.444	-2.444	0	%100
6	M5	Z	4.233	4.233	0	%100
7	M6	X	-2.444	-2.444	0	%100
8	M6	Z	4.233	4.233	0	%100
9	M7	X	-9.776	-9.776	0	%100
10	M7	Z	16.932	16.932	0	%100
11	M6A	X	-8.694	-8.694	0	%100
12	M6A	Z	15.059	15.059	0	%100
13	M7A	X	-8.694	-8.694	0	%100
14	M7A	Z	15.059	15.059	0	%100
15	M23A	X	-8.694	-8.694	0	%100
16	M23A	Z	15.059	15.059	0	%100
17	M24	X	-8.694	-8.694	0	%100
18	M24	Z	15.059	15.059	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-2.152	-2.152	0	%100
24	M55	Z	3.727	3.727	0	%100
25	M56	X	-8.607	-8.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M56	Z	14.908	14.908	0	%100
27	M22	X	-4.13	-4.13	0	%100
28	M22	Z	7.153	7.153	0	%100
29	M23	X	-4.13	-4.13	0	%100
30	M23	Z	7.153	7.153	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	-5.506	-5.506	0	%100
34	MP4A	Z	9.538	9.538	0	%100
35	MP3A	X	-5.506	-5.506	0	%100
36	MP3A	Z	9.538	9.538	0	%100
37	MP2A	X	-5.506	-5.506	0	%100
38	MP2A	Z	9.538	9.538	0	%100
39	MP1A	X	-5.506	-5.506	0	%100
40	MP1A	Z	9.538	9.538	0	%100
41	MP4C	X	-5.506	-5.506	0	%100
42	MP4C	Z	9.538	9.538	0	%100
43	MP3C	X	-5.506	-5.506	0	%100
44	MP3C	Z	9.538	9.538	0	%100
45	MP2C	X	-5.506	-5.506	0	%100
46	MP2C	Z	9.538	9.538	0	%100
47	MP1C	X	-5.506	-5.506	0	%100
48	MP1C	Z	9.538	9.538	0	%100
49	MP4B	X	-5.506	-5.506	0	%100
50	MP4B	Z	9.538	9.538	0	%100
51	MP3B	X	-5.506	-5.506	0	%100
52	MP3B	Z	9.538	9.538	0	%100
53	MP2B	X	-5.506	-5.506	0	%100
54	MP2B	Z	9.538	9.538	0	%100
55	MP1B	X	-5.506	-5.506	0	%100
56	MP1B	Z	9.538	9.538	0	%100
57	M57A	X	-1.649	-1.649	0	%100
58	M57A	Z	2.856	2.856	0	%100
59	M58A	X	-6.596	-6.596	0	%100
60	M58A	Z	11.425	11.425	0	%100
61	M65	X	-2.733	-2.733	0	%100
62	M65	Z	4.734	4.734	0	%100
63	M66	X	-2.733	-2.733	0	%100
64	M66	Z	4.734	4.734	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	-5.018	-5.018	0	%100
68	OVP	Z	8.692	8.692	0	%100
69	M81	X	-9.843	-9.843	0	%100
70	M81	Z	17.049	17.049	0	%100
71	M73	X	-9.843	-9.843	0	%100
72	M73	Z	17.049	17.049	0	%100
73	M74	X	-11.593	-11.593	0	%100
74	M74	Z	20.079	20.079	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	M1	X	-8.569	-8.569	0	%100
2	M1	Z	4.947	4.947	0	%100
3	M2	X	-11.181	-11.181	0	%100
4	M2	Z	6.455	6.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M5	X	-12.699	-12.699	0	%100
6	M5	Z	7.332	7.332	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-12.699	-12.699	0	%100
10	M7	Z	7.332	7.332	0	%100
11	M6A	X	-5.02	-5.02	0	%100
12	M6A	Z	2.898	2.898	0	%100
13	M7A	X	-5.02	-5.02	0	%100
14	M7A	Z	2.898	2.898	0	%100
15	M23A	X	-20.079	-20.079	0	%100
16	M23A	Z	11.593	11.593	0	%100
17	M24	X	-20.079	-20.079	0	%100
18	M24	Z	11.593	11.593	0	%100
19	M39A	X	-5.02	-5.02	0	%100
20	M39A	Z	2.898	2.898	0	%100
21	M40	X	-5.02	-5.02	0	%100
22	M40	Z	2.898	2.898	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-11.181	-11.181	0	%100
26	M56	Z	6.455	6.455	0	%100
27	M22	X	-2.384	-2.384	0	%100
28	M22	Z	1.377	1.377	0	%100
29	M23	X	-9.538	-9.538	0	%100
30	M23	Z	5.506	5.506	0	%100
31	M24A	X	-2.384	-2.384	0	%100
32	M24A	Z	1.377	1.377	0	%100
33	MP4A	X	-9.538	-9.538	0	%100
34	MP4A	Z	5.506	5.506	0	%100
35	MP3A	X	-9.538	-9.538	0	%100
36	MP3A	Z	5.506	5.506	0	%100
37	MP2A	X	-9.538	-9.538	0	%100
38	MP2A	Z	5.506	5.506	0	%100
39	MP1A	X	-9.538	-9.538	0	%100
40	MP1A	Z	5.506	5.506	0	%100
41	MP4C	X	-9.538	-9.538	0	%100
42	MP4C	Z	5.506	5.506	0	%100
43	MP3C	X	-9.538	-9.538	0	%100
44	MP3C	Z	5.506	5.506	0	%100
45	MP2C	X	-9.538	-9.538	0	%100
46	MP2C	Z	5.506	5.506	0	%100
47	MP1C	X	-9.538	-9.538	0	%100
48	MP1C	Z	5.506	5.506	0	%100
49	MP4B	X	-9.538	-9.538	0	%100
50	MP4B	Z	5.506	5.506	0	%100
51	MP3B	X	-9.538	-9.538	0	%100
52	MP3B	Z	5.506	5.506	0	%100
53	MP2B	X	-9.538	-9.538	0	%100
54	MP2B	Z	5.506	5.506	0	%100
55	MP1B	X	-9.538	-9.538	0	%100
56	MP1B	Z	5.506	5.506	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	-8.569	-8.569	0	%100
60	M58A	Z	4.947	4.947	0	%100
61	M65	X	-6.312	-6.312	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M65	Z	3.644	3.644	0	%100
63	M66	X	-1.578	-1.578	0	%100
64	M66	Z	.911	.911	0	%100
65	M67	X	-1.578	-1.578	0	%100
66	M67	Z	.911	.911	0	%100
67	OVP	X	-8.692	-8.692	0	%100
68	OVP	Z	5.018	5.018	0	%100
69	M81	X	-19.069	-19.069	0	%100
70	M81	Z	11.01	11.01	0	%100
71	M73	X	-16.039	-16.039	0	%100
72	M73	Z	9.26	9.26	0	%100
73	M74	X	-19.069	-19.069	0	%100
74	M74	Z	11.01	11.01	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	M1	X	-13.192	-13.192	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-17.215	-17.215	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-19.552	-19.552	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-4.888	-4.888	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-4.888	-4.888	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	-17.389	-17.389	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	-17.389	-17.389	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-17.389	-17.389	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	-17.389	-17.389	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-4.304	-4.304	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-4.304	-4.304	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	0	0	0	%100
29	M23	X	-8.26	-8.26	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	-8.26	-8.26	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	-11.013	-11.013	0	%100
34	MP4A	Z	0	0	0	%100
35	MP3A	X	-11.013	-11.013	0	%100
36	MP3A	Z	0	0	0	%100
37	MP2A	X	-11.013	-11.013	0	%100
38	MP2A	Z	0	0	0	%100
39	MP1A	X	-11.013	-11.013	0	%100
40	MP1A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	MP4C	X	-11.013	-11.013	0	%100
42	MP4C	Z	0	0	0	%100
43	MP3C	X	-11.013	-11.013	0	%100
44	MP3C	Z	0	0	0	%100
45	MP2C	X	-11.013	-11.013	0	%100
46	MP2C	Z	0	0	0	%100
47	MP1C	X	-11.013	-11.013	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4B	X	-11.013	-11.013	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	-11.013	-11.013	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	-11.013	-11.013	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	-11.013	-11.013	0	%100
56	MP1B	Z	0	0	0	%100
57	M57A	X	-3.298	-3.298	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	-3.298	-3.298	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	-5.466	-5.466	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M67	X	-5.466	-5.466	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	-10.036	-10.036	0	%100
68	OVP	Z	0	0	0	%100
69	M81	X	-23.185	-23.185	0	%100
70	M81	Z	0	0	0	%100
71	M73	X	-19.687	-19.687	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-19.687	-19.687	0	%100
74	M74	Z	0	0	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-8.569	-8.569	0	%100
2	M1	Z	-4.947	-4.947	0	%100
3	M2	X	-11.181	-11.181	0	%100
4	M2	Z	-6.455	-6.455	0	%100
5	M5	X	-12.699	-12.699	0	%100
6	M5	Z	-7.332	-7.332	0	%100
7	M6	X	-12.699	-12.699	0	%100
8	M6	Z	-7.332	-7.332	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-5.02	-5.02	0	%100
12	M6A	Z	-2.898	-2.898	0	%100
13	M7A	X	-5.02	-5.02	0	%100
14	M7A	Z	-2.898	-2.898	0	%100
15	M23A	X	-5.02	-5.02	0	%100
16	M23A	Z	-2.898	-2.898	0	%100
17	M24	X	-5.02	-5.02	0	%100
18	M24	Z	-2.898	-2.898	0	%100
19	M39A	X	-20.079	-20.079	0	%100

Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M39A	Z	-11.593	-11.593	0	%100
21	M40	X	-20.079	-20.079	0	%100
22	M40	Z	-11.593	-11.593	0	%100
23	M55	X	-11.181	-11.181	0	%100
24	M55	Z	-6.455	-6.455	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	-2.384	-2.384	0	%100
28	M22	Z	-1.377	-1.377	0	%100
29	M23	X	-2.384	-2.384	0	%100
30	M23	Z	-1.377	-1.377	0	%100
31	M24A	X	-9.538	-9.538	0	%100
32	M24A	Z	-5.506	-5.506	0	%100
33	MP4A	X	-9.538	-9.538	0	%100
34	MP4A	Z	-5.506	-5.506	0	%100
35	MP3A	X	-9.538	-9.538	0	%100
36	MP3A	Z	-5.506	-5.506	0	%100
37	MP2A	X	-9.538	-9.538	0	%100
38	MP2A	Z	-5.506	-5.506	0	%100
39	MP1A	X	-9.538	-9.538	0	%100
40	MP1A	Z	-5.506	-5.506	0	%100
41	MP4C	X	-9.538	-9.538	0	%100
42	MP4C	Z	-5.506	-5.506	0	%100
43	MP3C	X	-9.538	-9.538	0	%100
44	MP3C	Z	-5.506	-5.506	0	%100
45	MP2C	X	-9.538	-9.538	0	%100
46	MP2C	Z	-5.506	-5.506	0	%100
47	MP1C	X	-9.538	-9.538	0	%100
48	MP1C	Z	-5.506	-5.506	0	%100
49	MP4B	X	-9.538	-9.538	0	%100
50	MP4B	Z	-5.506	-5.506	0	%100
51	MP3B	X	-9.538	-9.538	0	%100
52	MP3B	Z	-5.506	-5.506	0	%100
53	MP2B	X	-9.538	-9.538	0	%100
54	MP2B	Z	-5.506	-5.506	0	%100
55	MP1B	X	-9.538	-9.538	0	%100
56	MP1B	Z	-5.506	-5.506	0	%100
57	M57A	X	-8.569	-8.569	0	%100
58	M57A	Z	-4.947	-4.947	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	-1.578	-1.578	0	%100
62	M65	Z	-.911	-.911	0	%100
63	M66	X	-1.578	-1.578	0	%100
64	M66	Z	-.911	-.911	0	%100
65	M67	X	-6.312	-6.312	0	%100
66	M67	Z	-3.644	-3.644	0	%100
67	OVP	X	-8.692	-8.692	0	%100
68	OVP	Z	-5.018	-5.018	0	%100
69	M81	X	-19.069	-19.069	0	%100
70	M81	Z	-11.01	-11.01	0	%100
71	M73	X	-19.069	-19.069	0	%100
72	M73	Z	-11.01	-11.01	0	%100
73	M74	X	-16.039	-16.039	0	%100
74	M74	Z	-9.26	-9.26	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.649	-1.649	0	%100
2	M1	Z	-2.856	-2.856	0	%100
3	M2	X	-2.152	-2.152	0	%100
4	M2	Z	-3.727	-3.727	0	%100
5	M5	X	-2.444	-2.444	0	%100
6	M5	Z	-4.233	-4.233	0	%100
7	M6	X	-9.776	-9.776	0	%100
8	M6	Z	-16.932	-16.932	0	%100
9	M7	X	-2.444	-2.444	0	%100
10	M7	Z	-4.233	-4.233	0	%100
11	M6A	X	-8.694	-8.694	0	%100
12	M6A	Z	-15.059	-15.059	0	%100
13	M7A	X	-8.694	-8.694	0	%100
14	M7A	Z	-15.059	-15.059	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-8.694	-8.694	0	%100
20	M39A	Z	-15.059	-15.059	0	%100
21	M40	X	-8.694	-8.694	0	%100
22	M40	Z	-15.059	-15.059	0	%100
23	M55	X	-8.607	-8.607	0	%100
24	M55	Z	-14.908	-14.908	0	%100
25	M56	X	-2.152	-2.152	0	%100
26	M56	Z	-3.727	-3.727	0	%100
27	M22	X	-4.13	-4.13	0	%100
28	M22	Z	-7.153	-7.153	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	-4.13	-4.13	0	%100
32	M24A	Z	-7.153	-7.153	0	%100
33	MP4A	X	-5.506	-5.506	0	%100
34	MP4A	Z	-9.538	-9.538	0	%100
35	MP3A	X	-5.506	-5.506	0	%100
36	MP3A	Z	-9.538	-9.538	0	%100
37	MP2A	X	-5.506	-5.506	0	%100
38	MP2A	Z	-9.538	-9.538	0	%100
39	MP1A	X	-5.506	-5.506	0	%100
40	MP1A	Z	-9.538	-9.538	0	%100
41	MP4C	X	-5.506	-5.506	0	%100
42	MP4C	Z	-9.538	-9.538	0	%100
43	MP3C	X	-5.506	-5.506	0	%100
44	MP3C	Z	-9.538	-9.538	0	%100
45	MP2C	X	-5.506	-5.506	0	%100
46	MP2C	Z	-9.538	-9.538	0	%100
47	MP1C	X	-5.506	-5.506	0	%100
48	MP1C	Z	-9.538	-9.538	0	%100
49	MP4B	X	-5.506	-5.506	0	%100
50	MP4B	Z	-9.538	-9.538	0	%100
51	MP3B	X	-5.506	-5.506	0	%100
52	MP3B	Z	-9.538	-9.538	0	%100
53	MP2B	X	-5.506	-5.506	0	%100
54	MP2B	Z	-9.538	-9.538	0	%100
55	MP1B	X	-5.506	-5.506	0	%100
56	MP1B	Z	-9.538	-9.538	0	%100
57	M57A	X	-6.596	-6.596	0	%100

Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M57A	Z	-11.425	-11.425	0	%100
59	M58A	X	-1.649	-1.649	0	%100
60	M58A	Z	-2.856	-2.856	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	-2.733	-2.733	0	%100
64	M66	Z	-4.734	-4.734	0	%100
65	M67	X	-2.733	-2.733	0	%100
66	M67	Z	-4.734	-4.734	0	%100
67	OVP	X	-5.018	-5.018	0	%100
68	OVP	Z	-8.692	-8.692	0	%100
69	M81	X	-9.843	-9.843	0	%100
70	M81	Z	-17.049	-17.049	0	%100
71	M73	X	-11.593	-11.593	0	%100
72	M73	Z	-20.079	-20.079	0	%100
73	M74	X	-9.843	-9.843	0	%100
74	M74	Z	-17.049	-17.049	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-3.526	-3.526	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-3.526	-3.526	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-5.443	-5.443	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-5.443	-5.443	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	-1.361	-1.361	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	-1.361	-1.361	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	-1.361	-1.361	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	-1.361	-1.361	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-3.005	-3.005	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	-3.005	-3.005	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	-3.495	-3.495	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	-.874	-.874	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	-.874	-.874	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-3.495	-3.495	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	-3.495	-3.495	0	%100

Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP2A	X	0	0	0	%100
38	MP2A	Z	-3.495	-3.495	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-3.495	-3.495	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-3.495	-3.495	0	%100
43	MP3C	X	0	0	0	%100
44	MP3C	Z	-3.495	-3.495	0	%100
45	MP2C	X	0	0	0	%100
46	MP2C	Z	-3.495	-3.495	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	-3.495	-3.495	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-3.495	-3.495	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	-3.495	-3.495	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-3.495	-3.495	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	-3.495	-3.495	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	-2.397	-2.397	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.397	-2.397	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	-.579	-.579	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	-2.317	-2.317	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	-.579	-.579	0	%100
67	OVP	X	0	0	0	%100
68	OVP	Z	-3.196	-3.196	0	%100
69	M81	X	0	0	0	%100
70	M81	Z	-3.762	-3.762	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	-5.022	-5.022	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-5.022	-5.022	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.4	.4	0	%100
2	M1	Z	-.692	-.692	0	%100
3	M2	X	.501	.501	0	%100
4	M2	Z	-.867	-.867	0	%100
5	M5	X	.588	.588	0	%100
6	M5	Z	-1.018	-1.018	0	%100
7	M6	X	.588	.588	0	%100
8	M6	Z	-1.018	-1.018	0	%100
9	M7	X	2.351	2.351	0	%100
10	M7	Z	-4.072	-4.072	0	%100
11	M6A	X	2.041	2.041	0	%100
12	M6A	Z	-3.535	-3.535	0	%100
13	M7A	X	2.041	2.041	0	%100
14	M7A	Z	-3.535	-3.535	0	%100
15	M23A	X	2.041	2.041	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M23A	Z	-3.535	-3.535	0	%100
17	M24	X	2.041	2.041	0	%100
18	M24	Z	-3.535	-3.535	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	.501	.501	0	%100
24	M55	Z	-.867	-.867	0	%100
25	M56	X	2.003	2.003	0	%100
26	M56	Z	-3.47	-3.47	0	%100
27	M22	X	1.311	1.311	0	%100
28	M22	Z	-2.27	-2.27	0	%100
29	M23	X	1.311	1.311	0	%100
30	M23	Z	-2.27	-2.27	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	1.748	1.748	0	%100
34	MP4A	Z	-3.027	-3.027	0	%100
35	MP3A	X	1.748	1.748	0	%100
36	MP3A	Z	-3.027	-3.027	0	%100
37	MP2A	X	1.748	1.748	0	%100
38	MP2A	Z	-3.027	-3.027	0	%100
39	MP1A	X	1.748	1.748	0	%100
40	MP1A	Z	-3.027	-3.027	0	%100
41	MP4C	X	1.748	1.748	0	%100
42	MP4C	Z	-3.027	-3.027	0	%100
43	MP3C	X	1.748	1.748	0	%100
44	MP3C	Z	-3.027	-3.027	0	%100
45	MP2C	X	1.748	1.748	0	%100
46	MP2C	Z	-3.027	-3.027	0	%100
47	MP1C	X	1.748	1.748	0	%100
48	MP1C	Z	-3.027	-3.027	0	%100
49	MP4B	X	1.748	1.748	0	%100
50	MP4B	Z	-3.027	-3.027	0	%100
51	MP3B	X	1.748	1.748	0	%100
52	MP3B	Z	-3.027	-3.027	0	%100
53	MP2B	X	1.748	1.748	0	%100
54	MP2B	Z	-3.027	-3.027	0	%100
55	MP1B	X	1.748	1.748	0	%100
56	MP1B	Z	-3.027	-3.027	0	%100
57	M57A	X	.4	.4	0	%100
58	M57A	Z	-.692	-.692	0	%100
59	M58A	X	1.598	1.598	0	%100
60	M58A	Z	-2.768	-2.768	0	%100
61	M65	X	.869	.869	0	%100
62	M65	Z	-1.505	-1.505	0	%100
63	M66	X	.869	.869	0	%100
64	M66	Z	-1.505	-1.505	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	1.598	1.598	0	%100
68	OVP	Z	-2.768	-2.768	0	%100
69	M81	X	2.091	2.091	0	%100
70	M81	Z	-3.622	-3.622	0	%100
71	M73	X	2.091	2.091	0	%100
72	M73	Z	-3.622	-3.622	0	%100

Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M74	X	2.721	2.721	0	%100
74	M74	Z	-4.713	-4.713	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.076	2.076	0	%100
2	M1	Z	-1.199	-1.199	0	%100
3	M2	X	2.602	2.602	0	%100
4	M2	Z	-1.502	-1.502	0	%100
5	M5	X	3.054	3.054	0	%100
6	M5	Z	-1.763	-1.763	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	3.054	3.054	0	%100
10	M7	Z	-1.763	-1.763	0	%100
11	M6A	X	1.178	1.178	0	%100
12	M6A	Z	-.68	-.68	0	%100
13	M7A	X	1.178	1.178	0	%100
14	M7A	Z	-.68	-.68	0	%100
15	M23A	X	4.713	4.713	0	%100
16	M23A	Z	-2.721	-2.721	0	%100
17	M24	X	4.713	4.713	0	%100
18	M24	Z	-2.721	-2.721	0	%100
19	M39A	X	1.178	1.178	0	%100
20	M39A	Z	-.68	-.68	0	%100
21	M40	X	1.178	1.178	0	%100
22	M40	Z	-.68	-.68	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	2.602	2.602	0	%100
26	M56	Z	-1.502	-1.502	0	%100
27	M22	X	.757	.757	0	%100
28	M22	Z	-.437	-.437	0	%100
29	M23	X	3.027	3.027	0	%100
30	M23	Z	-1.748	-1.748	0	%100
31	M24A	X	.757	.757	0	%100
32	M24A	Z	-.437	-.437	0	%100
33	MP4A	X	3.027	3.027	0	%100
34	MP4A	Z	-1.748	-1.748	0	%100
35	MP3A	X	3.027	3.027	0	%100
36	MP3A	Z	-1.748	-1.748	0	%100
37	MP2A	X	3.027	3.027	0	%100
38	MP2A	Z	-1.748	-1.748	0	%100
39	MP1A	X	3.027	3.027	0	%100
40	MP1A	Z	-1.748	-1.748	0	%100
41	MP4C	X	3.027	3.027	0	%100
42	MP4C	Z	-1.748	-1.748	0	%100
43	MP3C	X	3.027	3.027	0	%100
44	MP3C	Z	-1.748	-1.748	0	%100
45	MP2C	X	3.027	3.027	0	%100
46	MP2C	Z	-1.748	-1.748	0	%100
47	MP1C	X	3.027	3.027	0	%100
48	MP1C	Z	-1.748	-1.748	0	%100
49	MP4B	X	3.027	3.027	0	%100
50	MP4B	Z	-1.748	-1.748	0	%100
51	MP3B	X	3.027	3.027	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP3B	Z	-1.748	-1.748	0	%100
53	MP2B	X	3.027	3.027	0	%100
54	MP2B	Z	-1.748	-1.748	0	%100
55	MP1B	X	3.027	3.027	0	%100
56	MP1B	Z	-1.748	-1.748	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	2.076	2.076	0	%100
60	M58A	Z	-1.199	-1.199	0	%100
61	M65	X	2.006	2.006	0	%100
62	M65	Z	-1.158	-1.158	0	%100
63	M66	X	.502	.502	0	%100
64	M66	Z	-.29	-.29	0	%100
65	M67	X	.502	.502	0	%100
66	M67	Z	-.29	-.29	0	%100
67	OVP	X	2.768	2.768	0	%100
68	OVP	Z	-1.598	-1.598	0	%100
69	M81	X	4.349	4.349	0	%100
70	M81	Z	-2.511	-2.511	0	%100
71	M73	X	3.258	3.258	0	%100
72	M73	Z	-1.881	-1.881	0	%100
73	M74	X	4.349	4.349	0	%100
74	M74	Z	-2.511	-2.511	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.196	3.196	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	4.006	4.006	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	4.702	4.702	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	1.175	1.175	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	1.175	1.175	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	4.082	4.082	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	4.082	4.082	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	4.082	4.082	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	4.082	4.082	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	1.002	1.002	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	1.002	1.002	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	0	0	0	%100
29	M23	X	2.621	2.621	0	%100
30	M23	Z	0	0	0	%100

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,%]
31	M24A	X	2.621	2.621	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	3.495	3.495	0	%100
34	MP4A	Z	0	0	0	%100
35	MP3A	X	3.495	3.495	0	%100
36	MP3A	Z	0	0	0	%100
37	MP2A	X	3.495	3.495	0	%100
38	MP2A	Z	0	0	0	%100
39	MP1A	X	3.495	3.495	0	%100
40	MP1A	Z	0	0	0	%100
41	MP4C	X	3.495	3.495	0	%100
42	MP4C	Z	0	0	0	%100
43	MP3C	X	3.495	3.495	0	%100
44	MP3C	Z	0	0	0	%100
45	MP2C	X	3.495	3.495	0	%100
46	MP2C	Z	0	0	0	%100
47	MP1C	X	3.495	3.495	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4B	X	3.495	3.495	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	3.495	3.495	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	3.495	3.495	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	3.495	3.495	0	%100
56	MP1B	Z	0	0	0	%100
57	M57A	X	.799	.799	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	.799	.799	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	1.737	1.737	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M67	X	1.737	1.737	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	3.196	3.196	0	%100
68	OVP	Z	0	0	0	%100
69	M81	X	5.443	5.443	0	%100
70	M81	Z	0	0	0	%100
71	M73	X	4.182	4.182	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	4.182	4.182	0	%100
74	M74	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	M1	X	2.076	2.076	0	%100
2	M1	Z	1.199	1.199	0	%100
3	M2	X	2.602	2.602	0	%100
4	M2	Z	1.502	1.502	0	%100
5	M5	X	3.054	3.054	0	%100
6	M5	Z	1.763	1.763	0	%100
7	M6	X	3.054	3.054	0	%100
8	M6	Z	1.763	1.763	0	%100
9	M7	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M7	Z	0	0	0	%100
11	M6A	X	1.178	1.178	0	%100
12	M6A	Z	.68	.68	0	%100
13	M7A	X	1.178	1.178	0	%100
14	M7A	Z	.68	.68	0	%100
15	M23A	X	1.178	1.178	0	%100
16	M23A	Z	.68	.68	0	%100
17	M24	X	1.178	1.178	0	%100
18	M24	Z	.68	.68	0	%100
19	M39A	X	4.713	4.713	0	%100
20	M39A	Z	2.721	2.721	0	%100
21	M40	X	4.713	4.713	0	%100
22	M40	Z	2.721	2.721	0	%100
23	M55	X	2.602	2.602	0	%100
24	M55	Z	1.502	1.502	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	.757	.757	0	%100
28	M22	Z	.437	.437	0	%100
29	M23	X	.757	.757	0	%100
30	M23	Z	.437	.437	0	%100
31	M24A	X	3.027	3.027	0	%100
32	M24A	Z	1.748	1.748	0	%100
33	MP4A	X	3.027	3.027	0	%100
34	MP4A	Z	1.748	1.748	0	%100
35	MP3A	X	3.027	3.027	0	%100
36	MP3A	Z	1.748	1.748	0	%100
37	MP2A	X	3.027	3.027	0	%100
38	MP2A	Z	1.748	1.748	0	%100
39	MP1A	X	3.027	3.027	0	%100
40	MP1A	Z	1.748	1.748	0	%100
41	MP4C	X	3.027	3.027	0	%100
42	MP4C	Z	1.748	1.748	0	%100
43	MP3C	X	3.027	3.027	0	%100
44	MP3C	Z	1.748	1.748	0	%100
45	MP2C	X	3.027	3.027	0	%100
46	MP2C	Z	1.748	1.748	0	%100
47	MP1C	X	3.027	3.027	0	%100
48	MP1C	Z	1.748	1.748	0	%100
49	MP4B	X	3.027	3.027	0	%100
50	MP4B	Z	1.748	1.748	0	%100
51	MP3B	X	3.027	3.027	0	%100
52	MP3B	Z	1.748	1.748	0	%100
53	MP2B	X	3.027	3.027	0	%100
54	MP2B	Z	1.748	1.748	0	%100
55	MP1B	X	3.027	3.027	0	%100
56	MP1B	Z	1.748	1.748	0	%100
57	M57A	X	2.076	2.076	0	%100
58	M57A	Z	1.199	1.199	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	.502	.502	0	%100
62	M65	Z	.29	.29	0	%100
63	M66	X	.502	.502	0	%100
64	M66	Z	.29	.29	0	%100
65	M67	X	2.006	2.006	0	%100
66	M67	Z	1.158	1.158	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	OVP	X	2.768	2.768	0	%100
68	OVP	Z	1.598	1.598	0	%100
69	M81	X	4.349	4.349	0	%100
70	M81	Z	2.511	2.511	0	%100
71	M73	X	4.349	4.349	0	%100
72	M73	Z	2.511	2.511	0	%100
73	M74	X	3.258	3.258	0	%100
74	M74	Z	1.881	1.881	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	M1	X	.4	.4	0	%100
2	M1	Z	.692	.692	0	%100
3	M2	X	.501	.501	0	%100
4	M2	Z	.867	.867	0	%100
5	M5	X	.588	.588	0	%100
6	M5	Z	1.018	1.018	0	%100
7	M6	X	2.351	2.351	0	%100
8	M6	Z	4.072	4.072	0	%100
9	M7	X	.588	.588	0	%100
10	M7	Z	1.018	1.018	0	%100
11	M6A	X	2.041	2.041	0	%100
12	M6A	Z	3.535	3.535	0	%100
13	M7A	X	2.041	2.041	0	%100
14	M7A	Z	3.535	3.535	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	2.041	2.041	0	%100
20	M39A	Z	3.535	3.535	0	%100
21	M40	X	2.041	2.041	0	%100
22	M40	Z	3.535	3.535	0	%100
23	M55	X	2.003	2.003	0	%100
24	M55	Z	3.47	3.47	0	%100
25	M56	X	.501	.501	0	%100
26	M56	Z	.867	.867	0	%100
27	M22	X	1.311	1.311	0	%100
28	M22	Z	2.27	2.27	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	1.311	1.311	0	%100
32	M24A	Z	2.27	2.27	0	%100
33	MP4A	X	1.748	1.748	0	%100
34	MP4A	Z	3.027	3.027	0	%100
35	MP3A	X	1.748	1.748	0	%100
36	MP3A	Z	3.027	3.027	0	%100
37	MP2A	X	1.748	1.748	0	%100
38	MP2A	Z	3.027	3.027	0	%100
39	MP1A	X	1.748	1.748	0	%100
40	MP1A	Z	3.027	3.027	0	%100
41	MP4C	X	1.748	1.748	0	%100
42	MP4C	Z	3.027	3.027	0	%100
43	MP3C	X	1.748	1.748	0	%100
44	MP3C	Z	3.027	3.027	0	%100
45	MP2C	X	1.748	1.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	MP2C	Z	3.027	3.027	0	%100
47	MP1C	X	1.748	1.748	0	%100
48	MP1C	Z	3.027	3.027	0	%100
49	MP4B	X	1.748	1.748	0	%100
50	MP4B	Z	3.027	3.027	0	%100
51	MP3B	X	1.748	1.748	0	%100
52	MP3B	Z	3.027	3.027	0	%100
53	MP2B	X	1.748	1.748	0	%100
54	MP2B	Z	3.027	3.027	0	%100
55	MP1B	X	1.748	1.748	0	%100
56	MP1B	Z	3.027	3.027	0	%100
57	M57A	X	1.598	1.598	0	%100
58	M57A	Z	2.768	2.768	0	%100
59	M58A	X	.4	.4	0	%100
60	M58A	Z	.692	.692	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	.869	.869	0	%100
64	M66	Z	1.505	1.505	0	%100
65	M67	X	.869	.869	0	%100
66	M67	Z	1.505	1.505	0	%100
67	OVP	X	1.598	1.598	0	%100
68	OVP	Z	2.768	2.768	0	%100
69	M81	X	2.091	2.091	0	%100
70	M81	Z	3.622	3.622	0	%100
71	M73	X	2.721	2.721	0	%100
72	M73	Z	4.713	4.713	0	%100
73	M74	X	2.091	2.091	0	%100
74	M74	Z	3.622	3.622	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	3.526	3.526	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	3.526	3.526	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	5.443	5.443	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	5.443	5.443	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	1.361	1.361	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	1.361	1.361	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	1.361	1.361	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	1.361	1.361	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	3.005	3.005	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M56	X	0	0	0	%100
26	M56	Z	3.005	3.005	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	3.495	3.495	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	.874	.874	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	.874	.874	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	3.495	3.495	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	3.495	3.495	0	%100
37	MP2A	X	0	0	0	%100
38	MP2A	Z	3.495	3.495	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	3.495	3.495	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	3.495	3.495	0	%100
43	MP3C	X	0	0	0	%100
44	MP3C	Z	3.495	3.495	0	%100
45	MP2C	X	0	0	0	%100
46	MP2C	Z	3.495	3.495	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	3.495	3.495	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	3.495	3.495	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	3.495	3.495	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	3.495	3.495	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	3.495	3.495	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	2.397	2.397	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.397	2.397	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	.579	.579	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	2.317	2.317	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	.579	.579	0	%100
67	OVP	X	0	0	0	%100
68	OVP	Z	3.196	3.196	0	%100
69	M81	X	0	0	0	%100
70	M81	Z	3.762	3.762	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	5.022	5.022	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	5.022	5.022	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.4	-.4	0	%100
2	M1	Z	.692	.692	0	%100
3	M2	X	-.501	-.501	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	.867	.867	0	%100
5	M5	X	-.588	-.588	0	%100
6	M5	Z	1.018	1.018	0	%100
7	M6	X	-.588	-.588	0	%100
8	M6	Z	1.018	1.018	0	%100
9	M7	X	-2.351	-2.351	0	%100
10	M7	Z	4.072	4.072	0	%100
11	M6A	X	-2.041	-2.041	0	%100
12	M6A	Z	3.535	3.535	0	%100
13	M7A	X	-2.041	-2.041	0	%100
14	M7A	Z	3.535	3.535	0	%100
15	M23A	X	-2.041	-2.041	0	%100
16	M23A	Z	3.535	3.535	0	%100
17	M24	X	-2.041	-2.041	0	%100
18	M24	Z	3.535	3.535	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-.501	-.501	0	%100
24	M55	Z	.867	.867	0	%100
25	M56	X	-2.003	-2.003	0	%100
26	M56	Z	3.47	3.47	0	%100
27	M22	X	-1.311	-1.311	0	%100
28	M22	Z	2.27	2.27	0	%100
29	M23	X	-1.311	-1.311	0	%100
30	M23	Z	2.27	2.27	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	-1.748	-1.748	0	%100
34	MP4A	Z	3.027	3.027	0	%100
35	MP3A	X	-1.748	-1.748	0	%100
36	MP3A	Z	3.027	3.027	0	%100
37	MP2A	X	-1.748	-1.748	0	%100
38	MP2A	Z	3.027	3.027	0	%100
39	MP1A	X	-1.748	-1.748	0	%100
40	MP1A	Z	3.027	3.027	0	%100
41	MP4C	X	-1.748	-1.748	0	%100
42	MP4C	Z	3.027	3.027	0	%100
43	MP3C	X	-1.748	-1.748	0	%100
44	MP3C	Z	3.027	3.027	0	%100
45	MP2C	X	-1.748	-1.748	0	%100
46	MP2C	Z	3.027	3.027	0	%100
47	MP1C	X	-1.748	-1.748	0	%100
48	MP1C	Z	3.027	3.027	0	%100
49	MP4B	X	-1.748	-1.748	0	%100
50	MP4B	Z	3.027	3.027	0	%100
51	MP3B	X	-1.748	-1.748	0	%100
52	MP3B	Z	3.027	3.027	0	%100
53	MP2B	X	-1.748	-1.748	0	%100
54	MP2B	Z	3.027	3.027	0	%100
55	MP1B	X	-1.748	-1.748	0	%100
56	MP1B	Z	3.027	3.027	0	%100
57	M57A	X	-.4	-.4	0	%100
58	M57A	Z	.692	.692	0	%100
59	M58A	X	-1.598	-1.598	0	%100
60	M58A	Z	2.768	2.768	0	%100

Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M65	X	-.869	-.869	0	%100
62	M65	Z	1.505	1.505	0	%100
63	M66	X	-.869	-.869	0	%100
64	M66	Z	1.505	1.505	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	-1.598	-1.598	0	%100
68	OVP	Z	2.768	2.768	0	%100
69	M81	X	-2.091	-2.091	0	%100
70	M81	Z	3.622	3.622	0	%100
71	M73	X	-2.091	-2.091	0	%100
72	M73	Z	3.622	3.622	0	%100
73	M74	X	-2.721	-2.721	0	%100
74	M74	Z	4.713	4.713	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.076	-2.076	0	%100
2	M1	Z	1.199	1.199	0	%100
3	M2	X	-2.602	-2.602	0	%100
4	M2	Z	1.502	1.502	0	%100
5	M5	X	-3.054	-3.054	0	%100
6	M5	Z	1.763	1.763	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-3.054	-3.054	0	%100
10	M7	Z	1.763	1.763	0	%100
11	M6A	X	-1.178	-1.178	0	%100
12	M6A	Z	.68	.68	0	%100
13	M7A	X	-1.178	-1.178	0	%100
14	M7A	Z	.68	.68	0	%100
15	M23A	X	-4.713	-4.713	0	%100
16	M23A	Z	2.721	2.721	0	%100
17	M24	X	-4.713	-4.713	0	%100
18	M24	Z	2.721	2.721	0	%100
19	M39A	X	-1.178	-1.178	0	%100
20	M39A	Z	.68	.68	0	%100
21	M40	X	-1.178	-1.178	0	%100
22	M40	Z	.68	.68	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-2.602	-2.602	0	%100
26	M56	Z	1.502	1.502	0	%100
27	M22	X	-.757	-.757	0	%100
28	M22	Z	.437	.437	0	%100
29	M23	X	-3.027	-3.027	0	%100
30	M23	Z	1.748	1.748	0	%100
31	M24A	X	-.757	-.757	0	%100
32	M24A	Z	.437	.437	0	%100
33	MP4A	X	-3.027	-3.027	0	%100
34	MP4A	Z	1.748	1.748	0	%100
35	MP3A	X	-3.027	-3.027	0	%100
36	MP3A	Z	1.748	1.748	0	%100
37	MP2A	X	-3.027	-3.027	0	%100
38	MP2A	Z	1.748	1.748	0	%100
39	MP1A	X	-3.027	-3.027	0	%100

Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP1A	Z	1.748	1.748	0	%100
41	MP4C	X	-3.027	-3.027	0	%100
42	MP4C	Z	1.748	1.748	0	%100
43	MP3C	X	-3.027	-3.027	0	%100
44	MP3C	Z	1.748	1.748	0	%100
45	MP2C	X	-3.027	-3.027	0	%100
46	MP2C	Z	1.748	1.748	0	%100
47	MP1C	X	-3.027	-3.027	0	%100
48	MP1C	Z	1.748	1.748	0	%100
49	MP4B	X	-3.027	-3.027	0	%100
50	MP4B	Z	1.748	1.748	0	%100
51	MP3B	X	-3.027	-3.027	0	%100
52	MP3B	Z	1.748	1.748	0	%100
53	MP2B	X	-3.027	-3.027	0	%100
54	MP2B	Z	1.748	1.748	0	%100
55	MP1B	X	-3.027	-3.027	0	%100
56	MP1B	Z	1.748	1.748	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	-2.076	-2.076	0	%100
60	M58A	Z	1.199	1.199	0	%100
61	M65	X	-2.006	-2.006	0	%100
62	M65	Z	1.158	1.158	0	%100
63	M66	X	-.502	-.502	0	%100
64	M66	Z	.29	.29	0	%100
65	M67	X	-.502	-.502	0	%100
66	M67	Z	.29	.29	0	%100
67	OVP	X	-2.768	-2.768	0	%100
68	OVP	Z	1.598	1.598	0	%100
69	M81	X	-4.349	-4.349	0	%100
70	M81	Z	2.511	2.511	0	%100
71	M73	X	-3.258	-3.258	0	%100
72	M73	Z	1.881	1.881	0	%100
73	M74	X	-4.349	-4.349	0	%100
74	M74	Z	2.511	2.511	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.196	-3.196	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-4.006	-4.006	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-4.702	-4.702	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-1.175	-1.175	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-1.175	-1.175	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	-4.082	-4.082	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	-4.082	-4.082	0	%100
18	M24	Z	0	0	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M39A	X	-4.082	-4.082	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	-4.082	-4.082	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-1.002	-1.002	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-1.002	-1.002	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	0	0	0	%100
29	M23	X	-2.621	-2.621	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	-2.621	-2.621	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	-3.495	-3.495	0	%100
34	MP4A	Z	0	0	0	%100
35	MP3A	X	-3.495	-3.495	0	%100
36	MP3A	Z	0	0	0	%100
37	MP2A	X	-3.495	-3.495	0	%100
38	MP2A	Z	0	0	0	%100
39	MP1A	X	-3.495	-3.495	0	%100
40	MP1A	Z	0	0	0	%100
41	MP4C	X	-3.495	-3.495	0	%100
42	MP4C	Z	0	0	0	%100
43	MP3C	X	-3.495	-3.495	0	%100
44	MP3C	Z	0	0	0	%100
45	MP2C	X	-3.495	-3.495	0	%100
46	MP2C	Z	0	0	0	%100
47	MP1C	X	-3.495	-3.495	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4B	X	-3.495	-3.495	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	-3.495	-3.495	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	-3.495	-3.495	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	-3.495	-3.495	0	%100
56	MP1B	Z	0	0	0	%100
57	M57A	X	-.799	-.799	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	-.799	-.799	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	-1.737	-1.737	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M67	X	-1.737	-1.737	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	-3.196	-3.196	0	%100
68	OVP	Z	0	0	0	%100
69	M81	X	-5.443	-5.443	0	%100
70	M81	Z	0	0	0	%100
71	M73	X	-4.182	-4.182	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-4.182	-4.182	0	%100
74	M74	Z	0	0	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.076	-2.076	0	%100
2	M1	Z	-1.199	-1.199	0	%100
3	M2	X	-2.602	-2.602	0	%100
4	M2	Z	-1.502	-1.502	0	%100
5	M5	X	-3.054	-3.054	0	%100
6	M5	Z	-1.763	-1.763	0	%100
7	M6	X	-3.054	-3.054	0	%100
8	M6	Z	-1.763	-1.763	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-1.178	-1.178	0	%100
12	M6A	Z	-.68	-.68	0	%100
13	M7A	X	-1.178	-1.178	0	%100
14	M7A	Z	-.68	-.68	0	%100
15	M23A	X	-1.178	-1.178	0	%100
16	M23A	Z	-.68	-.68	0	%100
17	M24	X	-1.178	-1.178	0	%100
18	M24	Z	-.68	-.68	0	%100
19	M39A	X	-4.713	-4.713	0	%100
20	M39A	Z	-2.721	-2.721	0	%100
21	M40	X	-4.713	-4.713	0	%100
22	M40	Z	-2.721	-2.721	0	%100
23	M55	X	-2.602	-2.602	0	%100
24	M55	Z	-1.502	-1.502	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	-.757	-.757	0	%100
28	M22	Z	-.437	-.437	0	%100
29	M23	X	-.757	-.757	0	%100
30	M23	Z	-.437	-.437	0	%100
31	M24A	X	-3.027	-3.027	0	%100
32	M24A	Z	-1.748	-1.748	0	%100
33	MP4A	X	-3.027	-3.027	0	%100
34	MP4A	Z	-1.748	-1.748	0	%100
35	MP3A	X	-3.027	-3.027	0	%100
36	MP3A	Z	-1.748	-1.748	0	%100
37	MP2A	X	-3.027	-3.027	0	%100
38	MP2A	Z	-1.748	-1.748	0	%100
39	MP1A	X	-3.027	-3.027	0	%100
40	MP1A	Z	-1.748	-1.748	0	%100
41	MP4C	X	-3.027	-3.027	0	%100
42	MP4C	Z	-1.748	-1.748	0	%100
43	MP3C	X	-3.027	-3.027	0	%100
44	MP3C	Z	-1.748	-1.748	0	%100
45	MP2C	X	-3.027	-3.027	0	%100
46	MP2C	Z	-1.748	-1.748	0	%100
47	MP1C	X	-3.027	-3.027	0	%100
48	MP1C	Z	-1.748	-1.748	0	%100
49	MP4B	X	-3.027	-3.027	0	%100
50	MP4B	Z	-1.748	-1.748	0	%100
51	MP3B	X	-3.027	-3.027	0	%100
52	MP3B	Z	-1.748	-1.748	0	%100
53	MP2B	X	-3.027	-3.027	0	%100
54	MP2B	Z	-1.748	-1.748	0	%100
55	MP1B	X	-3.027	-3.027	0	%100
56	MP1B	Z	-1.748	-1.748	0	%100
57	M57A	X	-2.076	-2.076	0	%100

Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M57A	Z	-1.199	-1.199	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	-.502	-.502	0	%100
62	M65	Z	-.29	-.29	0	%100
63	M66	X	-.502	-.502	0	%100
64	M66	Z	-.29	-.29	0	%100
65	M67	X	-2.006	-2.006	0	%100
66	M67	Z	-1.158	-1.158	0	%100
67	OVP	X	-2.768	-2.768	0	%100
68	OVP	Z	-1.598	-1.598	0	%100
69	M81	X	-4.349	-4.349	0	%100
70	M81	Z	-2.511	-2.511	0	%100
71	M73	X	-4.349	-4.349	0	%100
72	M73	Z	-2.511	-2.511	0	%100
73	M74	X	-3.258	-3.258	0	%100
74	M74	Z	-1.881	-1.881	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.4	-.4	0	%100
2	M1	Z	-.692	-.692	0	%100
3	M2	X	-.501	-.501	0	%100
4	M2	Z	-.867	-.867	0	%100
5	M5	X	-.588	-.588	0	%100
6	M5	Z	-1.018	-1.018	0	%100
7	M6	X	-2.351	-2.351	0	%100
8	M6	Z	-4.072	-4.072	0	%100
9	M7	X	-.588	-.588	0	%100
10	M7	Z	-1.018	-1.018	0	%100
11	M6A	X	-2.041	-2.041	0	%100
12	M6A	Z	-3.535	-3.535	0	%100
13	M7A	X	-2.041	-2.041	0	%100
14	M7A	Z	-3.535	-3.535	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-2.041	-2.041	0	%100
20	M39A	Z	-3.535	-3.535	0	%100
21	M40	X	-2.041	-2.041	0	%100
22	M40	Z	-3.535	-3.535	0	%100
23	M55	X	-2.003	-2.003	0	%100
24	M55	Z	-3.47	-3.47	0	%100
25	M56	X	-.501	-.501	0	%100
26	M56	Z	-.867	-.867	0	%100
27	M22	X	-1.311	-1.311	0	%100
28	M22	Z	-2.27	-2.27	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	-1.311	-1.311	0	%100
32	M24A	Z	-2.27	-2.27	0	%100
33	MP4A	X	-1.748	-1.748	0	%100
34	MP4A	Z	-3.027	-3.027	0	%100
35	MP3A	X	-1.748	-1.748	0	%100
36	MP3A	Z	-3.027	-3.027	0	%100

Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP2A	X	-1.748	-1.748	0	%100
38	MP2A	Z	-3.027	-3.027	0	%100
39	MP1A	X	-1.748	-1.748	0	%100
40	MP1A	Z	-3.027	-3.027	0	%100
41	MP4C	X	-1.748	-1.748	0	%100
42	MP4C	Z	-3.027	-3.027	0	%100
43	MP3C	X	-1.748	-1.748	0	%100
44	MP3C	Z	-3.027	-3.027	0	%100
45	MP2C	X	-1.748	-1.748	0	%100
46	MP2C	Z	-3.027	-3.027	0	%100
47	MP1C	X	-1.748	-1.748	0	%100
48	MP1C	Z	-3.027	-3.027	0	%100
49	MP4B	X	-1.748	-1.748	0	%100
50	MP4B	Z	-3.027	-3.027	0	%100
51	MP3B	X	-1.748	-1.748	0	%100
52	MP3B	Z	-3.027	-3.027	0	%100
53	MP2B	X	-1.748	-1.748	0	%100
54	MP2B	Z	-3.027	-3.027	0	%100
55	MP1B	X	-1.748	-1.748	0	%100
56	MP1B	Z	-3.027	-3.027	0	%100
57	M57A	X	-1.598	-1.598	0	%100
58	M57A	Z	-2.768	-2.768	0	%100
59	M58A	X	-.4	-.4	0	%100
60	M58A	Z	-.692	-.692	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	-.869	-.869	0	%100
64	M66	Z	-1.505	-1.505	0	%100
65	M67	X	-.869	-.869	0	%100
66	M67	Z	-1.505	-1.505	0	%100
67	OVP	X	-1.598	-1.598	0	%100
68	OVP	Z	-2.768	-2.768	0	%100
69	M81	X	-2.091	-2.091	0	%100
70	M81	Z	-3.622	-3.622	0	%100
71	M73	X	-2.721	-2.721	0	%100
72	M73	Z	-4.713	-4.713	0	%100
73	M74	X	-2.091	-2.091	0	%100
74	M74	Z	-3.622	-3.622	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.845	-.845	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.845	-.845	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-1.335	-1.335	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	-1.335	-1.335	0	%100
15	M23A	X	0	0	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M23A	Z	-.334	-.334	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	-.334	-.334	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	-.334	-.334	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	-.334	-.334	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	-.744	-.744	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	-.744	-.744	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	-.634	-.634	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	-.159	-.159	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	-.159	-.159	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-.634	-.634	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	-.634	-.634	0	%100
37	MP2A	X	0	0	0	%100
38	MP2A	Z	-.634	-.634	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-.634	-.634	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	-.634	-.634	0	%100
43	MP3C	X	0	0	0	%100
44	MP3C	Z	-.634	-.634	0	%100
45	MP2C	X	0	0	0	%100
46	MP2C	Z	-.634	-.634	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	-.634	-.634	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-.634	-.634	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	-.634	-.634	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-.634	-.634	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	-.634	-.634	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	-.57	-.57	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.57	-.57	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	-.105	-.105	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	-.42	-.42	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	-.105	-.105	0	%100
67	OVP	X	0	0	0	%100
68	OVP	Z	-.578	-.578	0	%100
69	M81	X	0	0	0	%100
70	M81	Z	-1.067	-1.067	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	-1.268	-1.268	0	%100

Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M74	X	0	0	0	%100
74	M74	Z	-1.268	-1.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.095	.095	0	%100
2	M1	Z	-.165	-.165	0	%100
3	M2	X	.124	.124	0	%100
4	M2	Z	-.215	-.215	0	%100
5	M5	X	.141	.141	0	%100
6	M5	Z	-.244	-.244	0	%100
7	M6	X	.141	.141	0	%100
8	M6	Z	-.244	-.244	0	%100
9	M7	X	.563	.563	0	%100
10	M7	Z	-.975	-.975	0	%100
11	M6A	X	.501	.501	0	%100
12	M6A	Z	-.867	-.867	0	%100
13	M7A	X	.501	.501	0	%100
14	M7A	Z	-.867	-.867	0	%100
15	M23A	X	.501	.501	0	%100
16	M23A	Z	-.867	-.867	0	%100
17	M24	X	.501	.501	0	%100
18	M24	Z	-.867	-.867	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	.124	.124	0	%100
24	M55	Z	-.215	-.215	0	%100
25	M56	X	.496	.496	0	%100
26	M56	Z	-.859	-.859	0	%100
27	M22	X	.238	.238	0	%100
28	M22	Z	-.412	-.412	0	%100
29	M23	X	.238	.238	0	%100
30	M23	Z	-.412	-.412	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	.317	.317	0	%100
34	MP4A	Z	-.549	-.549	0	%100
35	MP3A	X	.317	.317	0	%100
36	MP3A	Z	-.549	-.549	0	%100
37	MP2A	X	.317	.317	0	%100
38	MP2A	Z	-.549	-.549	0	%100
39	MP1A	X	.317	.317	0	%100
40	MP1A	Z	-.549	-.549	0	%100
41	MP4C	X	.317	.317	0	%100
42	MP4C	Z	-.549	-.549	0	%100
43	MP3C	X	.317	.317	0	%100
44	MP3C	Z	-.549	-.549	0	%100
45	MP2C	X	.317	.317	0	%100
46	MP2C	Z	-.549	-.549	0	%100
47	MP1C	X	.317	.317	0	%100
48	MP1C	Z	-.549	-.549	0	%100
49	MP4B	X	.317	.317	0	%100
50	MP4B	Z	-.549	-.549	0	%100
51	MP3B	X	.317	.317	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,%]
52	MP3B	Z	-.549	-.549	0	%100
53	MP2B	X	.317	.317	0	%100
54	MP2B	Z	-.549	-.549	0	%100
55	MP1B	X	.317	.317	0	%100
56	MP1B	Z	-.549	-.549	0	%100
57	M57A	X	.095	.095	0	%100
58	M57A	Z	-.165	-.165	0	%100
59	M58A	X	.38	.38	0	%100
60	M58A	Z	-.658	-.658	0	%100
61	M65	X	.157	.157	0	%100
62	M65	Z	-.273	-.273	0	%100
63	M66	X	.157	.157	0	%100
64	M66	Z	-.273	-.273	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	.289	.289	0	%100
68	OVP	Z	-.501	-.501	0	%100
69	M81	X	.567	.567	0	%100
70	M81	Z	-.982	-.982	0	%100
71	M73	X	.567	.567	0	%100
72	M73	Z	-.982	-.982	0	%100
73	M74	X	.668	.668	0	%100
74	M74	Z	-1.157	-1.157	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	M1	X	.494	.494	0	%100
2	M1	Z	-.285	-.285	0	%100
3	M2	X	.644	.644	0	%100
4	M2	Z	-.372	-.372	0	%100
5	M5	X	.731	.731	0	%100
6	M5	Z	-.422	-.422	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.731	.731	0	%100
10	M7	Z	-.422	-.422	0	%100
11	M6A	X	.289	.289	0	%100
12	M6A	Z	-.167	-.167	0	%100
13	M7A	X	.289	.289	0	%100
14	M7A	Z	-.167	-.167	0	%100
15	M23A	X	1.157	1.157	0	%100
16	M23A	Z	-.668	-.668	0	%100
17	M24	X	1.157	1.157	0	%100
18	M24	Z	-.668	-.668	0	%100
19	M39A	X	.289	.289	0	%100
20	M39A	Z	-.167	-.167	0	%100
21	M40	X	.289	.289	0	%100
22	M40	Z	-.167	-.167	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	.644	.644	0	%100
26	M56	Z	-.372	-.372	0	%100
27	M22	X	.137	.137	0	%100
28	M22	Z	-.079	-.079	0	%100
29	M23	X	.549	.549	0	%100
30	M23	Z	-.317	-.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M24A	X	.137	.137	0	%100
32	M24A	Z	-.079	-.079	0	%100
33	MP4A	X	.549	.549	0	%100
34	MP4A	Z	-.317	-.317	0	%100
35	MP3A	X	.549	.549	0	%100
36	MP3A	Z	-.317	-.317	0	%100
37	MP2A	X	.549	.549	0	%100
38	MP2A	Z	-.317	-.317	0	%100
39	MP1A	X	.549	.549	0	%100
40	MP1A	Z	-.317	-.317	0	%100
41	MP4C	X	.549	.549	0	%100
42	MP4C	Z	-.317	-.317	0	%100
43	MP3C	X	.549	.549	0	%100
44	MP3C	Z	-.317	-.317	0	%100
45	MP2C	X	.549	.549	0	%100
46	MP2C	Z	-.317	-.317	0	%100
47	MP1C	X	.549	.549	0	%100
48	MP1C	Z	-.317	-.317	0	%100
49	MP4B	X	.549	.549	0	%100
50	MP4B	Z	-.317	-.317	0	%100
51	MP3B	X	.549	.549	0	%100
52	MP3B	Z	-.317	-.317	0	%100
53	MP2B	X	.549	.549	0	%100
54	MP2B	Z	-.317	-.317	0	%100
55	MP1B	X	.549	.549	0	%100
56	MP1B	Z	-.317	-.317	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	.494	.494	0	%100
60	M58A	Z	-.285	-.285	0	%100
61	M65	X	.364	.364	0	%100
62	M65	Z	-.21	-.21	0	%100
63	M66	X	.091	.091	0	%100
64	M66	Z	-.052	-.052	0	%100
65	M67	X	.091	.091	0	%100
66	M67	Z	-.052	-.052	0	%100
67	OVP	X	.501	.501	0	%100
68	OVP	Z	-.289	-.289	0	%100
69	M81	X	1.098	1.098	0	%100
70	M81	Z	-.634	-.634	0	%100
71	M73	X	.924	.924	0	%100
72	M73	Z	-.533	-.533	0	%100
73	M74	X	1.098	1.098	0	%100
74	M74	Z	-.634	-.634	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	M1	X	.76	.76	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.992	.992	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	1.126	1.126	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.282	.282	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.282	.282	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	1.002	1.002	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	1.002	1.002	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	1.002	1.002	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	1.002	1.002	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	.248	.248	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	.248	.248	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	0	0	0	%100
29	M23	X	.476	.476	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	.476	.476	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	.634	.634	0	%100
34	MP4A	Z	0	0	0	%100
35	MP3A	X	.634	.634	0	%100
36	MP3A	Z	0	0	0	%100
37	MP2A	X	.634	.634	0	%100
38	MP2A	Z	0	0	0	%100
39	MP1A	X	.634	.634	0	%100
40	MP1A	Z	0	0	0	%100
41	MP4C	X	.634	.634	0	%100
42	MP4C	Z	0	0	0	%100
43	MP3C	X	.634	.634	0	%100
44	MP3C	Z	0	0	0	%100
45	MP2C	X	.634	.634	0	%100
46	MP2C	Z	0	0	0	%100
47	MP1C	X	.634	.634	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4B	X	.634	.634	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	.634	.634	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	.634	.634	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	.634	.634	0	%100
56	MP1B	Z	0	0	0	%100
57	M57A	X	.19	.19	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	.19	.19	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	.315	.315	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M67	X	.315	.315	0	%100
66	M67	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	OVP	X	.578	.578	0	%100
68	OVP	Z	0	0	0	%100
69	M81	X	1.335	1.335	0	%100
70	M81	Z	0	0	0	%100
71	M73	X	1.134	1.134	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	1.134	1.134	0	%100
74	M74	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	M1	X	.494	.494	0	%100
2	M1	Z	.285	.285	0	%100
3	M2	X	.644	.644	0	%100
4	M2	Z	.372	.372	0	%100
5	M5	X	.731	.731	0	%100
6	M5	Z	.422	.422	0	%100
7	M6	X	.731	.731	0	%100
8	M6	Z	.422	.422	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	.289	.289	0	%100
12	M6A	Z	.167	.167	0	%100
13	M7A	X	.289	.289	0	%100
14	M7A	Z	.167	.167	0	%100
15	M23A	X	.289	.289	0	%100
16	M23A	Z	.167	.167	0	%100
17	M24	X	.289	.289	0	%100
18	M24	Z	.167	.167	0	%100
19	M39A	X	1.157	1.157	0	%100
20	M39A	Z	.668	.668	0	%100
21	M40	X	1.157	1.157	0	%100
22	M40	Z	.668	.668	0	%100
23	M55	X	.644	.644	0	%100
24	M55	Z	.372	.372	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	.137	.137	0	%100
28	M22	Z	.079	.079	0	%100
29	M23	X	.137	.137	0	%100
30	M23	Z	.079	.079	0	%100
31	M24A	X	.549	.549	0	%100
32	M24A	Z	.317	.317	0	%100
33	MP4A	X	.549	.549	0	%100
34	MP4A	Z	.317	.317	0	%100
35	MP3A	X	.549	.549	0	%100
36	MP3A	Z	.317	.317	0	%100
37	MP2A	X	.549	.549	0	%100
38	MP2A	Z	.317	.317	0	%100
39	MP1A	X	.549	.549	0	%100
40	MP1A	Z	.317	.317	0	%100
41	MP4C	X	.549	.549	0	%100
42	MP4C	Z	.317	.317	0	%100
43	MP3C	X	.549	.549	0	%100
44	MP3C	Z	.317	.317	0	%100
45	MP2C	X	.549	.549	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,%]
46	MP2C	Z	.317	.317	0	%100
47	MP1C	X	.549	.549	0	%100
48	MP1C	Z	.317	.317	0	%100
49	MP4B	X	.549	.549	0	%100
50	MP4B	Z	.317	.317	0	%100
51	MP3B	X	.549	.549	0	%100
52	MP3B	Z	.317	.317	0	%100
53	MP2B	X	.549	.549	0	%100
54	MP2B	Z	.317	.317	0	%100
55	MP1B	X	.549	.549	0	%100
56	MP1B	Z	.317	.317	0	%100
57	M57A	X	.494	.494	0	%100
58	M57A	Z	.285	.285	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	.091	.091	0	%100
62	M65	Z	.052	.052	0	%100
63	M66	X	.091	.091	0	%100
64	M66	Z	.052	.052	0	%100
65	M67	X	.364	.364	0	%100
66	M67	Z	.21	.21	0	%100
67	OVP	X	.501	.501	0	%100
68	OVP	Z	.289	.289	0	%100
69	M81	X	1.098	1.098	0	%100
70	M81	Z	.634	.634	0	%100
71	M73	X	1.098	1.098	0	%100
72	M73	Z	.634	.634	0	%100
73	M74	X	.924	.924	0	%100
74	M74	Z	.533	.533	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	M1	X	.095	.095	0	%100
2	M1	Z	.165	.165	0	%100
3	M2	X	.124	.124	0	%100
4	M2	Z	.215	.215	0	%100
5	M5	X	.141	.141	0	%100
6	M5	Z	.244	.244	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	.975	.975	0	%100
9	M7	X	.141	.141	0	%100
10	M7	Z	.244	.244	0	%100
11	M6A	X	.501	.501	0	%100
12	M6A	Z	.867	.867	0	%100
13	M7A	X	.501	.501	0	%100
14	M7A	Z	.867	.867	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	.501	.501	0	%100
20	M39A	Z	.867	.867	0	%100
21	M40	X	.501	.501	0	%100
22	M40	Z	.867	.867	0	%100
23	M55	X	.496	.496	0	%100
24	M55	Z	.859	.859	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M56	X	.124	.124	0	%100
26	M56	Z	.215	.215	0	%100
27	M22	X	.238	.238	0	%100
28	M22	Z	.412	.412	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	.238	.238	0	%100
32	M24A	Z	.412	.412	0	%100
33	MP4A	X	.317	.317	0	%100
34	MP4A	Z	.549	.549	0	%100
35	MP3A	X	.317	.317	0	%100
36	MP3A	Z	.549	.549	0	%100
37	MP2A	X	.317	.317	0	%100
38	MP2A	Z	.549	.549	0	%100
39	MP1A	X	.317	.317	0	%100
40	MP1A	Z	.549	.549	0	%100
41	MP4C	X	.317	.317	0	%100
42	MP4C	Z	.549	.549	0	%100
43	MP3C	X	.317	.317	0	%100
44	MP3C	Z	.549	.549	0	%100
45	MP2C	X	.317	.317	0	%100
46	MP2C	Z	.549	.549	0	%100
47	MP1C	X	.317	.317	0	%100
48	MP1C	Z	.549	.549	0	%100
49	MP4B	X	.317	.317	0	%100
50	MP4B	Z	.549	.549	0	%100
51	MP3B	X	.317	.317	0	%100
52	MP3B	Z	.549	.549	0	%100
53	MP2B	X	.317	.317	0	%100
54	MP2B	Z	.549	.549	0	%100
55	MP1B	X	.317	.317	0	%100
56	MP1B	Z	.549	.549	0	%100
57	M57A	X	.38	.38	0	%100
58	M57A	Z	.658	.658	0	%100
59	M58A	X	.095	.095	0	%100
60	M58A	Z	.165	.165	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	.157	.157	0	%100
64	M66	Z	.273	.273	0	%100
65	M67	X	.157	.157	0	%100
66	M67	Z	.273	.273	0	%100
67	OVP	X	.289	.289	0	%100
68	OVP	Z	.501	.501	0	%100
69	M81	X	.567	.567	0	%100
70	M81	Z	.982	.982	0	%100
71	M73	X	.668	.668	0	%100
72	M73	Z	1.157	1.157	0	%100
73	M74	X	.567	.567	0	%100
74	M74	Z	.982	.982	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.845	.845	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.845	.845	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	1.335	1.335	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	1.335	1.335	0	%100
15	M23A	X	0	0	0	%100
16	M23A	Z	.334	.334	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	.334	.334	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	.334	.334	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	.334	.334	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	.744	.744	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	.744	.744	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	.634	.634	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	.159	.159	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	.159	.159	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	.634	.634	0	%100
35	MP3A	X	0	0	0	%100
36	MP3A	Z	.634	.634	0	%100
37	MP2A	X	0	0	0	%100
38	MP2A	Z	.634	.634	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	.634	.634	0	%100
41	MP4C	X	0	0	0	%100
42	MP4C	Z	.634	.634	0	%100
43	MP3C	X	0	0	0	%100
44	MP3C	Z	.634	.634	0	%100
45	MP2C	X	0	0	0	%100
46	MP2C	Z	.634	.634	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	.634	.634	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	.634	.634	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	.634	.634	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	.634	.634	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	.634	.634	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	.57	.57	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.57	.57	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M65	X	0	0	0	%100
62	M65	Z	.105	.105	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	.42	.42	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	.105	.105	0	%100
67	OVP	X	0	0	0	%100
68	OVP	Z	.578	.578	0	%100
69	M81	X	0	0	0	%100
70	M81	Z	1.067	1.067	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	1.268	1.268	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	1.268	1.268	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	M1	X	-.095	-.095	0	%100
2	M1	Z	.165	.165	0	%100
3	M2	X	-.124	-.124	0	%100
4	M2	Z	.215	.215	0	%100
5	M5	X	-.141	-.141	0	%100
6	M5	Z	.244	.244	0	%100
7	M6	X	-.141	-.141	0	%100
8	M6	Z	.244	.244	0	%100
9	M7	X	-.563	-.563	0	%100
10	M7	Z	.975	.975	0	%100
11	M6A	X	-.501	-.501	0	%100
12	M6A	Z	.867	.867	0	%100
13	M7A	X	-.501	-.501	0	%100
14	M7A	Z	.867	.867	0	%100
15	M23A	X	-.501	-.501	0	%100
16	M23A	Z	.867	.867	0	%100
17	M24	X	-.501	-.501	0	%100
18	M24	Z	.867	.867	0	%100
19	M39A	X	0	0	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	0	0	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-.124	-.124	0	%100
24	M55	Z	.215	.215	0	%100
25	M56	X	-.496	-.496	0	%100
26	M56	Z	.859	.859	0	%100
27	M22	X	-.238	-.238	0	%100
28	M22	Z	.412	.412	0	%100
29	M23	X	-.238	-.238	0	%100
30	M23	Z	.412	.412	0	%100
31	M24A	X	0	0	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	-.317	-.317	0	%100
34	MP4A	Z	.549	.549	0	%100
35	MP3A	X	-.317	-.317	0	%100
36	MP3A	Z	.549	.549	0	%100
37	MP2A	X	-.317	-.317	0	%100
38	MP2A	Z	.549	.549	0	%100
39	MP1A	X	-.317	-.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP1A	Z	.549	.549	0	%100
41	MP4C	X	-.317	-.317	0	%100
42	MP4C	Z	.549	.549	0	%100
43	MP3C	X	-.317	-.317	0	%100
44	MP3C	Z	.549	.549	0	%100
45	MP2C	X	-.317	-.317	0	%100
46	MP2C	Z	.549	.549	0	%100
47	MP1C	X	-.317	-.317	0	%100
48	MP1C	Z	.549	.549	0	%100
49	MP4B	X	-.317	-.317	0	%100
50	MP4B	Z	.549	.549	0	%100
51	MP3B	X	-.317	-.317	0	%100
52	MP3B	Z	.549	.549	0	%100
53	MP2B	X	-.317	-.317	0	%100
54	MP2B	Z	.549	.549	0	%100
55	MP1B	X	-.317	-.317	0	%100
56	MP1B	Z	.549	.549	0	%100
57	M57A	X	-.095	-.095	0	%100
58	M57A	Z	.165	.165	0	%100
59	M58A	X	-.38	-.38	0	%100
60	M58A	Z	.658	.658	0	%100
61	M65	X	-.157	-.157	0	%100
62	M65	Z	.273	.273	0	%100
63	M66	X	-.157	-.157	0	%100
64	M66	Z	.273	.273	0	%100
65	M67	X	0	0	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	-.289	-.289	0	%100
68	OVP	Z	.501	.501	0	%100
69	M81	X	-.567	-.567	0	%100
70	M81	Z	.982	.982	0	%100
71	M73	X	-.567	-.567	0	%100
72	M73	Z	.982	.982	0	%100
73	M74	X	-.668	-.668	0	%100
74	M74	Z	1.157	1.157	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	M1	X	-.494	-.494	0	%100
2	M1	Z	.285	.285	0	%100
3	M2	X	-.644	-.644	0	%100
4	M2	Z	.372	.372	0	%100
5	M5	X	-.731	-.731	0	%100
6	M5	Z	.422	.422	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.731	-.731	0	%100
10	M7	Z	.422	.422	0	%100
11	M6A	X	-.289	-.289	0	%100
12	M6A	Z	.167	.167	0	%100
13	M7A	X	-.289	-.289	0	%100
14	M7A	Z	.167	.167	0	%100
15	M23A	X	-1.157	-1.157	0	%100
16	M23A	Z	.668	.668	0	%100
17	M24	X	-1.157	-1.157	0	%100
18	M24	Z	.668	.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M39A	X	-.289	-.289	0	%100
20	M39A	Z	.167	.167	0	%100
21	M40	X	-.289	-.289	0	%100
22	M40	Z	.167	.167	0	%100
23	M55	X	0	0	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-.644	-.644	0	%100
26	M56	Z	.372	.372	0	%100
27	M22	X	-.137	-.137	0	%100
28	M22	Z	.079	.079	0	%100
29	M23	X	-.549	-.549	0	%100
30	M23	Z	.317	.317	0	%100
31	M24A	X	-.137	-.137	0	%100
32	M24A	Z	.079	.079	0	%100
33	MP4A	X	-.549	-.549	0	%100
34	MP4A	Z	.317	.317	0	%100
35	MP3A	X	-.549	-.549	0	%100
36	MP3A	Z	.317	.317	0	%100
37	MP2A	X	-.549	-.549	0	%100
38	MP2A	Z	.317	.317	0	%100
39	MP1A	X	-.549	-.549	0	%100
40	MP1A	Z	.317	.317	0	%100
41	MP4C	X	-.549	-.549	0	%100
42	MP4C	Z	.317	.317	0	%100
43	MP3C	X	-.549	-.549	0	%100
44	MP3C	Z	.317	.317	0	%100
45	MP2C	X	-.549	-.549	0	%100
46	MP2C	Z	.317	.317	0	%100
47	MP1C	X	-.549	-.549	0	%100
48	MP1C	Z	.317	.317	0	%100
49	MP4B	X	-.549	-.549	0	%100
50	MP4B	Z	.317	.317	0	%100
51	MP3B	X	-.549	-.549	0	%100
52	MP3B	Z	.317	.317	0	%100
53	MP2B	X	-.549	-.549	0	%100
54	MP2B	Z	.317	.317	0	%100
55	MP1B	X	-.549	-.549	0	%100
56	MP1B	Z	.317	.317	0	%100
57	M57A	X	0	0	0	%100
58	M57A	Z	0	0	0	%100
59	M58A	X	-.494	-.494	0	%100
60	M58A	Z	.285	.285	0	%100
61	M65	X	-.364	-.364	0	%100
62	M65	Z	.21	.21	0	%100
63	M66	X	-.091	-.091	0	%100
64	M66	Z	.052	.052	0	%100
65	M67	X	-.091	-.091	0	%100
66	M67	Z	.052	.052	0	%100
67	OVP	X	-.501	-.501	0	%100
68	OVP	Z	.289	.289	0	%100
69	M81	X	-1.098	-1.098	0	%100
70	M81	Z	.634	.634	0	%100
71	M73	X	-.924	-.924	0	%100
72	M73	Z	.533	.533	0	%100
73	M74	X	-1.098	-1.098	0	%100
74	M74	Z	.634	.634	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	M1	X	-.76	-.76	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.992	-.992	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-1.126	-1.126	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.282	-.282	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.282	-.282	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	M7A	X	0	0	0	%100
14	M7A	Z	0	0	0	%100
15	M23A	X	-1.002	-1.002	0	%100
16	M23A	Z	0	0	0	%100
17	M24	X	-1.002	-1.002	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-1.002	-1.002	0	%100
20	M39A	Z	0	0	0	%100
21	M40	X	-1.002	-1.002	0	%100
22	M40	Z	0	0	0	%100
23	M55	X	-.248	-.248	0	%100
24	M55	Z	0	0	0	%100
25	M56	X	-.248	-.248	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	0	0	0	%100
28	M22	Z	0	0	0	%100
29	M23	X	-.476	-.476	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	-.476	-.476	0	%100
32	M24A	Z	0	0	0	%100
33	MP4A	X	-.634	-.634	0	%100
34	MP4A	Z	0	0	0	%100
35	MP3A	X	-.634	-.634	0	%100
36	MP3A	Z	0	0	0	%100
37	MP2A	X	-.634	-.634	0	%100
38	MP2A	Z	0	0	0	%100
39	MP1A	X	-.634	-.634	0	%100
40	MP1A	Z	0	0	0	%100
41	MP4C	X	-.634	-.634	0	%100
42	MP4C	Z	0	0	0	%100
43	MP3C	X	-.634	-.634	0	%100
44	MP3C	Z	0	0	0	%100
45	MP2C	X	-.634	-.634	0	%100
46	MP2C	Z	0	0	0	%100
47	MP1C	X	-.634	-.634	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4B	X	-.634	-.634	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	-.634	-.634	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	-.634	-.634	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	-.634	-.634	0	%100
56	MP1B	Z	0	0	0	%100
57	M57A	X	-.19	-.19	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M57A	Z	0	0	0	%100
59	M58A	X	-.19	-.19	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	-.315	-.315	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M67	X	-.315	-.315	0	%100
66	M67	Z	0	0	0	%100
67	OVP	X	-.578	-.578	0	%100
68	OVP	Z	0	0	0	%100
69	M81	X	-1.335	-1.335	0	%100
70	M81	Z	0	0	0	%100
71	M73	X	-1.134	-1.134	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-1.134	-1.134	0	%100
74	M74	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	M1	X	-.494	-.494	0	%100
2	M1	Z	-.285	-.285	0	%100
3	M2	X	-.644	-.644	0	%100
4	M2	Z	-.372	-.372	0	%100
5	M5	X	-.731	-.731	0	%100
6	M5	Z	-.422	-.422	0	%100
7	M6	X	-.731	-.731	0	%100
8	M6	Z	-.422	-.422	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-.289	-.289	0	%100
12	M6A	Z	-.167	-.167	0	%100
13	M7A	X	-.289	-.289	0	%100
14	M7A	Z	-.167	-.167	0	%100
15	M23A	X	-.289	-.289	0	%100
16	M23A	Z	-.167	-.167	0	%100
17	M24	X	-.289	-.289	0	%100
18	M24	Z	-.167	-.167	0	%100
19	M39A	X	-1.157	-1.157	0	%100
20	M39A	Z	-.668	-.668	0	%100
21	M40	X	-1.157	-1.157	0	%100
22	M40	Z	-.668	-.668	0	%100
23	M55	X	-.644	-.644	0	%100
24	M55	Z	-.372	-.372	0	%100
25	M56	X	0	0	0	%100
26	M56	Z	0	0	0	%100
27	M22	X	-.137	-.137	0	%100
28	M22	Z	-.079	-.079	0	%100
29	M23	X	-.137	-.137	0	%100
30	M23	Z	-.079	-.079	0	%100
31	M24A	X	-.549	-.549	0	%100
32	M24A	Z	-.317	-.317	0	%100
33	MP4A	X	-.549	-.549	0	%100
34	MP4A	Z	-.317	-.317	0	%100
35	MP3A	X	-.549	-.549	0	%100
36	MP3A	Z	-.317	-.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP2A	X	-.549	-.549	0	%100
38	MP2A	Z	-.317	-.317	0	%100
39	MP1A	X	-.549	-.549	0	%100
40	MP1A	Z	-.317	-.317	0	%100
41	MP4C	X	-.549	-.549	0	%100
42	MP4C	Z	-.317	-.317	0	%100
43	MP3C	X	-.549	-.549	0	%100
44	MP3C	Z	-.317	-.317	0	%100
45	MP2C	X	-.549	-.549	0	%100
46	MP2C	Z	-.317	-.317	0	%100
47	MP1C	X	-.549	-.549	0	%100
48	MP1C	Z	-.317	-.317	0	%100
49	MP4B	X	-.549	-.549	0	%100
50	MP4B	Z	-.317	-.317	0	%100
51	MP3B	X	-.549	-.549	0	%100
52	MP3B	Z	-.317	-.317	0	%100
53	MP2B	X	-.549	-.549	0	%100
54	MP2B	Z	-.317	-.317	0	%100
55	MP1B	X	-.549	-.549	0	%100
56	MP1B	Z	-.317	-.317	0	%100
57	M57A	X	-.494	-.494	0	%100
58	M57A	Z	-.285	-.285	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M65	X	-.091	-.091	0	%100
62	M65	Z	-.052	-.052	0	%100
63	M66	X	-.091	-.091	0	%100
64	M66	Z	-.052	-.052	0	%100
65	M67	X	-.364	-.364	0	%100
66	M67	Z	-.21	-.21	0	%100
67	OVP	X	-.501	-.501	0	%100
68	OVP	Z	-.289	-.289	0	%100
69	M81	X	-1.098	-1.098	0	%100
70	M81	Z	-.634	-.634	0	%100
71	M73	X	-1.098	-1.098	0	%100
72	M73	Z	-.634	-.634	0	%100
73	M74	X	-.924	-.924	0	%100
74	M74	Z	-.533	-.533	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	M1	X	-.095	-.095	0	%100
2	M1	Z	-.165	-.165	0	%100
3	M2	X	-.124	-.124	0	%100
4	M2	Z	-.215	-.215	0	%100
5	M5	X	-.141	-.141	0	%100
6	M5	Z	-.244	-.244	0	%100
7	M6	X	-.563	-.563	0	%100
8	M6	Z	-.975	-.975	0	%100
9	M7	X	-.141	-.141	0	%100
10	M7	Z	-.244	-.244	0	%100
11	M6A	X	-.501	-.501	0	%100
12	M6A	Z	-.867	-.867	0	%100
13	M7A	X	-.501	-.501	0	%100
14	M7A	Z	-.867	-.867	0	%100
15	M23A	X	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,%]
16	M23A	Z	0	0	0	%100
17	M24	X	0	0	0	%100
18	M24	Z	0	0	0	%100
19	M39A	X	-.501	-.501	0	%100
20	M39A	Z	-.867	-.867	0	%100
21	M40	X	-.501	-.501	0	%100
22	M40	Z	-.867	-.867	0	%100
23	M55	X	-.496	-.496	0	%100
24	M55	Z	-.859	-.859	0	%100
25	M56	X	-.124	-.124	0	%100
26	M56	Z	-.215	-.215	0	%100
27	M22	X	-.238	-.238	0	%100
28	M22	Z	-.412	-.412	0	%100
29	M23	X	0	0	0	%100
30	M23	Z	0	0	0	%100
31	M24A	X	-.238	-.238	0	%100
32	M24A	Z	-.412	-.412	0	%100
33	MP4A	X	-.317	-.317	0	%100
34	MP4A	Z	-.549	-.549	0	%100
35	MP3A	X	-.317	-.317	0	%100
36	MP3A	Z	-.549	-.549	0	%100
37	MP2A	X	-.317	-.317	0	%100
38	MP2A	Z	-.549	-.549	0	%100
39	MP1A	X	-.317	-.317	0	%100
40	MP1A	Z	-.549	-.549	0	%100
41	MP4C	X	-.317	-.317	0	%100
42	MP4C	Z	-.549	-.549	0	%100
43	MP3C	X	-.317	-.317	0	%100
44	MP3C	Z	-.549	-.549	0	%100
45	MP2C	X	-.317	-.317	0	%100
46	MP2C	Z	-.549	-.549	0	%100
47	MP1C	X	-.317	-.317	0	%100
48	MP1C	Z	-.549	-.549	0	%100
49	MP4B	X	-.317	-.317	0	%100
50	MP4B	Z	-.549	-.549	0	%100
51	MP3B	X	-.317	-.317	0	%100
52	MP3B	Z	-.549	-.549	0	%100
53	MP2B	X	-.317	-.317	0	%100
54	MP2B	Z	-.549	-.549	0	%100
55	MP1B	X	-.317	-.317	0	%100
56	MP1B	Z	-.549	-.549	0	%100
57	M57A	X	-.38	-.38	0	%100
58	M57A	Z	-.658	-.658	0	%100
59	M58A	X	-.095	-.095	0	%100
60	M58A	Z	-.165	-.165	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	-.157	-.157	0	%100
64	M66	Z	-.273	-.273	0	%100
65	M67	X	-.157	-.157	0	%100
66	M67	Z	-.273	-.273	0	%100
67	OVP	X	-.289	-.289	0	%100
68	OVP	Z	-.501	-.501	0	%100
69	M81	X	-.567	-.567	0	%100
70	M81	Z	-.982	-.982	0	%100
71	M73	X	-.668	-.668	0	%100
72	M73	Z	-1.157	-1.157	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,%]
73	M74	X	-.567	-.567	0	%100
74	M74	Z	-.982	-.982	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M6	Y	-1.029	-4.932	0	1.95
2	M6	Y	-4.932	-8.836	1.95	3.899
3	M7	Y	-1.029	-4.932	0	1.95
4	M7	Y	-4.932	-8.836	1.95	3.899
5	M6A	Y	-5.144	-5.144	.01	7.236
6	M7A	Y	-1.078	-2.687	0	2.333
7	M7A	Y	-2.687	-4.755	2.333	4.667
8	M7A	Y	-4.755	-6.02	4.667	7
9	M7A	Y	-6.02	-4.755	7	9.333
10	M7A	Y	-4.755	-2.687	9.333	11.666
11	M7A	Y	-2.687	-1.078	11.666	14
12	M5	Y	-1.029	-4.932	0	1.95
13	M5	Y	-4.932	-8.836	1.95	3.899
14	M23A	Y	-5.144	-5.144	.01	7.236
15	M24	Y	-1.078	-2.687	0	2.333
16	M24	Y	-2.687	-4.755	2.333	4.667
17	M24	Y	-4.755	-6.02	4.667	7
18	M24	Y	-6.02	-4.755	7	9.333
19	M24	Y	-4.755	-2.687	9.333	11.666
20	M24	Y	-2.687	-1.078	11.666	14
21	M39A	Y	-5.144	-5.144	.01	7.236
22	M40	Y	-1.078	-2.687	0	2.333
23	M40	Y	-2.687	-4.755	2.333	4.667
24	M40	Y	-4.755	-6.02	4.667	7
25	M40	Y	-6.02	-4.755	7	9.333
26	M40	Y	-4.755	-2.687	9.333	11.666
27	M40	Y	-2.687	-1.078	11.666	14

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M6	Y	-2.156	-10.339	0	1.95
2	M6	Y	-10.339	-18.522	1.95	3.899
3	M7	Y	-2.156	-10.339	0	1.95
4	M7	Y	-10.339	-18.522	1.95	3.899
5	M6A	Y	-10.782	-10.782	.01	7.236
6	M7A	Y	-2.26	-5.632	0	2.333
7	M7A	Y	-5.632	-9.968	2.333	4.667
8	M7A	Y	-9.968	-12.618	4.667	7
9	M7A	Y	-12.618	-9.968	7	9.333
10	M7A	Y	-9.968	-5.632	9.333	11.666
11	M7A	Y	-5.632	-2.26	11.666	14
12	M5	Y	-2.156	-10.339	0	1.95
13	M5	Y	-10.339	-18.522	1.95	3.899
14	M23A	Y	-10.782	-10.782	.01	7.236
15	M24	Y	-2.26	-5.632	0	2.333
16	M24	Y	-5.632	-9.968	2.333	4.667
17	M24	Y	-9.968	-12.618	4.667	7
18	M24	Y	-12.618	-9.968	7	9.333
19	M24	Y	-9.968	-5.632	9.333	11.666
20	M24	Y	-5.632	-2.26	11.666	14
21	M39A	Y	-10.782	-10.782	.01	7.236

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M40	Y	-2.26	-5.632	0	2.333
23	M40	Y	-5.632	-9.968	2.333	4.667
24	M40	Y	-9.968	-12.618	4.667	7
25	M40	Y	-12.618	-9.968	7	9.333
26	M40	Y	-9.968	-5.632	9.333	11.666
27	M40	Y	-5.632	-2.26	11.666	14

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M6	Y	-.024	-.113	0	1.95
2	M6	Y	-.113	-.202	1.95	3.899
3	M7	Y	-.024	-.113	0	1.95
4	M7	Y	-.113	-.202	1.95	3.899
5	M6A	Y	-.118	-.118	.01	7.236
6	M7A	Y	-.025	-.061	0	2.333
7	M7A	Y	-.061	-.109	2.333	4.667
8	M7A	Y	-.109	-.138	4.667	7
9	M7A	Y	-.138	-.109	7	9.333
10	M7A	Y	-.109	-.061	9.333	11.666
11	M7A	Y	-.061	-.025	11.666	14
12	M5	Y	-.024	-.113	0	1.95
13	M5	Y	-.113	-.202	1.95	3.899
14	M23A	Y	-.118	-.118	.01	7.236
15	M24	Y	-.025	-.061	0	2.333
16	M24	Y	-.061	-.109	2.333	4.667
17	M24	Y	-.109	-.138	4.667	7
18	M24	Y	-.138	-.109	7	9.333
19	M24	Y	-.109	-.061	9.333	11.666
20	M24	Y	-.061	-.025	11.666	14
21	M39A	Y	-.118	-.118	.01	7.236
22	M40	Y	-.025	-.061	0	2.333
23	M40	Y	-.061	-.109	2.333	4.667
24	M40	Y	-.109	-.138	4.667	7
25	M40	Y	-.138	-.109	7	9.333
26	M40	Y	-.109	-.061	9.333	11.666
27	M40	Y	-.061	-.025	11.666	14

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M6	Z	-.059	-.281	0	1.95
2	M6	Z	-.281	-.503	1.95	3.899
3	M7	Z	-.059	-.281	0	1.95
4	M7	Z	-.281	-.503	1.95	3.899
5	M6A	Z	-.293	-.293	.01	7.236
6	M7A	Z	-.061	-.153	0	2.333
7	M7A	Z	-.153	-.271	2.333	4.667
8	M7A	Z	-.271	-.343	4.667	7
9	M7A	Z	-.343	-.271	7	9.333
10	M7A	Z	-.271	-.153	9.333	11.666
11	M7A	Z	-.153	-.061	11.666	14
12	M5	Z	-.059	-.281	0	1.95
13	M5	Z	-.281	-.503	1.95	3.899
14	M23A	Z	-.293	-.293	.01	7.236
15	M24	Z	-.061	-.153	0	2.333
16	M24	Z	-.153	-.271	2.333	4.667
17	M24	Z	-.271	-.343	4.667	7

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M24	Z	-.343	-.271	7	9.333
19	M24	Z	-.271	-.153	9.333	11.666
20	M24	Z	-.153	-.061	11.666	14
21	M39A	Z	-.293	-.293	.01	7.236
22	M40	Z	-.061	-.153	0	2.333
23	M40	Z	-.153	-.271	2.333	4.667
24	M40	Z	-.271	-.343	4.667	7
25	M40	Z	-.343	-.271	7	9.333
26	M40	Z	-.271	-.153	9.333	11.666
27	M40	Z	-.153	-.061	11.666	14

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M6	X	.059	.281	0	1.95
2	M6	X	.281	.503	1.95	3.899
3	M7	X	.059	.281	0	1.95
4	M7	X	.281	.503	1.95	3.899
5	M6A	X	.293	.293	.01	7.236
6	M7A	X	.061	.153	0	2.333
7	M7A	X	.153	.271	2.333	4.667
8	M7A	X	.271	.343	4.667	7
9	M7A	X	.343	.271	7	9.333
10	M7A	X	.271	.153	9.333	11.666
11	M7A	X	.153	.061	11.666	14
12	M5	X	.059	.281	0	1.95
13	M5	X	.281	.503	1.95	3.899
14	M23A	X	.293	.293	.01	7.236
15	M24	X	.061	.153	0	2.333
16	M24	X	.153	.271	2.333	4.667
17	M24	X	.271	.343	4.667	7
18	M24	X	.343	.271	7	9.333
19	M24	X	.271	.153	9.333	11.666
20	M24	X	.153	.061	11.666	14
21	M39A	X	.293	.293	.01	7.236
22	M40	X	.061	.153	0	2.333
23	M40	X	.153	.271	2.333	4.667
24	M40	X	.271	.343	4.667	7
25	M40	X	.343	.271	7	9.333
26	M40	X	.271	.153	9.333	11.666
27	M40	X	.153	.061	11.666	14

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Y	Two Way	-.005
2	N18	N17	N10	N14	Y	Two Way	-.005
3	N14	N10	N15	N16	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Y	Two Way	-.011
2	N18	N17	N10	N14	Y	Two Way	-.011
3	N14	N10	N15	N16	Y	Two Way	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Y	Two Way	-.000119
2	N18	N17	N10	N14	Y	Two Way	-.000119
3	N14	N10	N15	N16	Y	Two Way	-.000119

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Z	Two Way	-.000296
2	N18	N17	N10	N14	Z	Two Way	-.000296
3	N14	N10	N15	N16	Z	Two Way	-.000296

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	X	Two Way	.000296
2	N18	N17	N10	N14	X	Two Way	.000296
3	N14	N10	N15	N16	X	Two Way	.000296

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	N2	max	3043.903	11	826.877	33	919.062	1	-.22	1	2.24	11	.797	4
2		min	-3196.949	5	252.703	64	-715.045	7	-2.461	31	-2.423	5	-.516	10
3	N108B	max	1592.592	11	569.346	14	2453.002	1	1.287	13	1.872	7	1.668	16
4		min	-1399.383	5	194.503	72	-2555.251	7	.218	8	-1.939	1	.376	10
5	N111	max	1511.486	9	820.11	21	2989.723	1	1.085	13	2.527	1	-.671	4
6		min	-1838.772	3	256.62	65	-2863.036	7	.076	7	-2.389	7	-2.519	22
7	N168	max	72.783	10	2053.107	13	-556.234	7	0	75	0	8	0	14
8		min	-72.826	4	488.291	7	-2141.249	13	0	1	0	14	0	8
9	N146	max	0	75	0	75	0	75	0	75	0	75	0	75
10		min	0	1	0	1	0	1	0	1	0	1	0	1
11	N135	max	-365.205	3	1764.988	21	916.29	22	0	22	0	8	0	8
12		min	-1584.142	21	363.93	3	197.929	4	0	8	0	22	0	22
13	N137	max	1897.372	17	2098.911	17	1095.328	17	0	12	0	12	0	12
14		min	487.958	11	494.966	11	278.875	10	0	42	0	42	0	42
15	Totals:	max	5573.267	10	7711.318	17	5794.205	1						
16		min	-5573.261	4	2508.577	73	-5794.199	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	HSS4X4X4	.237	0	6	.141	0	z	5	139005....	139518	16.181	16.181	1....	H1-1b
2	M2	HSS4.5X4.5...	.115	0	28	.073	0	y	33	119859....	121302	16.25	16.25	1....	H1-1b
3	M5	LL3x3x4x0	.373	2.315	14	.054	2.275	y	14	76391.4...	93312	6.48	4.361	1....	H1-1b
4	M6	LL3x3x4x0	.318	0	24	.045	2.275	y	22	76391.4...	93312	6.48	4.361	1....	H1-1b
5	M7	LL3x3x4x0	.388	2.315	18	.056	2.275	y	18	76391.4...	93312	6.48	4.361	1....	H1-1b
6	M6A	L3X3X4	.233	0	17	.020	0	z	18	14725.03	46656	1.688	3.484	2....	H2-1
7	M7A	L3X3X4	.631	7	32	.216	14	y	8	15747.0...	46656	1.688	2.161	1	H2-1
8	M23A	L3X3X4	.239	7.246	17	.020	7.246	z	17	14725.03	46656	1.688	3.469	2....	H2-1
9	M24	L3X3X4	.627	14	24	.220	14	y	10	15747.0...	46656	1.688	2.161	1	H2-1
10	M39A	L3X3X4	.231	7.246	13	.021	7.246	z	13	14725.03	46656	1.688	3.463	2....	H2-1
11	M40	L3X3X4	.631	7	24	.225	14	y	6	15747.0...	46656	1.688	2.161	1	H2-1
12	M55	HSS4.5X4.5...	.110	0	6	.051	0	y	17	119859....	121302	16.25	16.25	1....	H1-1b
13	M56	HSS4.5X4.5...	.134	0	14	.066	0	y	13	119859....	121302	16.25	16.25	1....	H1-1b
14	M22	PIPE_2.0	.237	12.536	9	.251	12.68		8	5140.68	32130	1.872	1.872	1....	H1-1b
15	M23	PIPE_2.0	.256	12.536	5	.265	1.009		7	5140.68	32130	1.872	1.872	1....	H1-1b
16	M24A	PIPE_2.0	.220	12.536	7	.227	1.009		3	5140.68	32130	1.872	1.872	2....	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
17	MP4A	PIPE_2.0	.264	3.375	1	.104	3.375		11	20866.7...	32130	1.872	1.872	2....	H1-1b
18	MP3A	PIPE_2.0	.153	.25	5	.105	3.375		9	20866.7...	32130	1.872	1.872	1....	H1-1b
19	MP2A	PIPE_2.0	.276	5.417	9	.120	4.917		11	14916.0...	32130	1.872	1.872	3....	H1-1b
20	MP1A	PIPE_2.0	.336	5.417	1	.113	4.917		10	14916.0...	32130	1.872	1.872	4....	H1-1b
21	MP4C	PIPE_2.0	.271	3.375	9	.111	3.375		7	20866.7...	32130	1.872	1.872	1....	H1-1b
22	MP3C	PIPE_2.0	.160	3.375	12	.114	3.375		5	20866.7...	32130	1.872	1.872	1....	H1-1b
23	MP2C	PIPE_2.0	.301	5.417	5	.131	4.917		6	14916.0...	32130	1.872	1.872	3....	H1-1b
24	MP1C	PIPE_2.0	.330	5.417	9	.123	4.917		6	14916.0...	32130	1.872	1.872	2....	H1-1b
25	MP4B	PIPE_2.0	.156	.25	4	.083	3.375		12	20866.7...	32130	1.872	1.872	2....	H1-1b
26	MP3B	PIPE_2.0	.187	5.417	7	.128	5.417		1	14916.0...	32130	1.872	1.872	3....	H1-1b
27	MP2B	PIPE_2.0	.363	5.417	2	.155	4.917		10	14916.0...	32130	1.872	1.872	2....	H1-1b
28	MP1B	PIPE_2.0	.271	3.375	5	.127	2.938		9	20866.7...	32130	1.872	1.872	1....	H1-1b
29	M57A	HSS4X4X4	.193	0	2	.105	0	z	1	139005....	139518	16.181	16.181	1....	H1-1b
30	M58A	HSS4X4X4	.232	0	1	.118	0	z	7	139005....	139518	16.181	16.181	1....	H1-1b
31	M65	PIPE_2.0	.179	.833	12	.444	0		12	31452.3...	32130	1.872	1.872	1....	H3-6
32	M66	PIPE_2.0	.183	.5	4	.450	0		4	31452.3...	32130	1.872	1.872	1....	H3-6
33	M67	PIPE_2.0	.196	.5	8	.465	0		8	31452.3...	32130	1.872	1.872	1....	H3-6
34	OVP	PIPE_2.0	.227	3.5	7	.019	3.5		7	26521.4...	32130	1.872	1.872	1	H1-1b
35	M81	LL3x3x3x6	.064	6.323	13	.004	0	z	4	46002.0...	70632	6.362	3.75	1	H1-1b*
36	M73	LL3x3x3x6	.055	6.323	21	.004	6.323	z	6	46002.0...	70632	6.362	3.75	1	H1-1b*
37	M74	LL3x3x3x6	.066	6.323	17	.004	6.323	z	2	46002.0...	70632	6.362	3.75	1	H1-1b*

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	POMFRET EAST CT		
MDG #:	5000247121		
Fuze ID #:	17123684	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

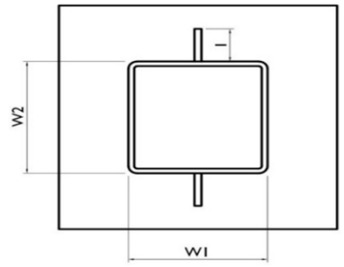
Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Tower Connection Baseplate Checks	No

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	POMFRET EAST CT		
PSLC #:	5000247121		
Fuze ID #:	17123684	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	(1) Stiffener on top/bottom
Stiffener Notch Present?	Yes
Stiffener Length, l (in):	3
Stiffener Spacing/Width, s (in):	
Stiffener Notch Length, n (in):	0.5
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	28.00
Z_x (in^3/in):	67.15
Z_y (in^3/in):	21.33
J_p (in^4/in):	337.33
c_x (in)	5.5
c_y (in)	5.5
Required combined strength (kip/in):	1.28
Weld Capacity (kip/in):	5.57
Weld Utilization:	**23.1%**



ATTACHMENT 4

CT-112-14-A-008.00 | 1 of 23 | ×

CT-112-14-A-008.00

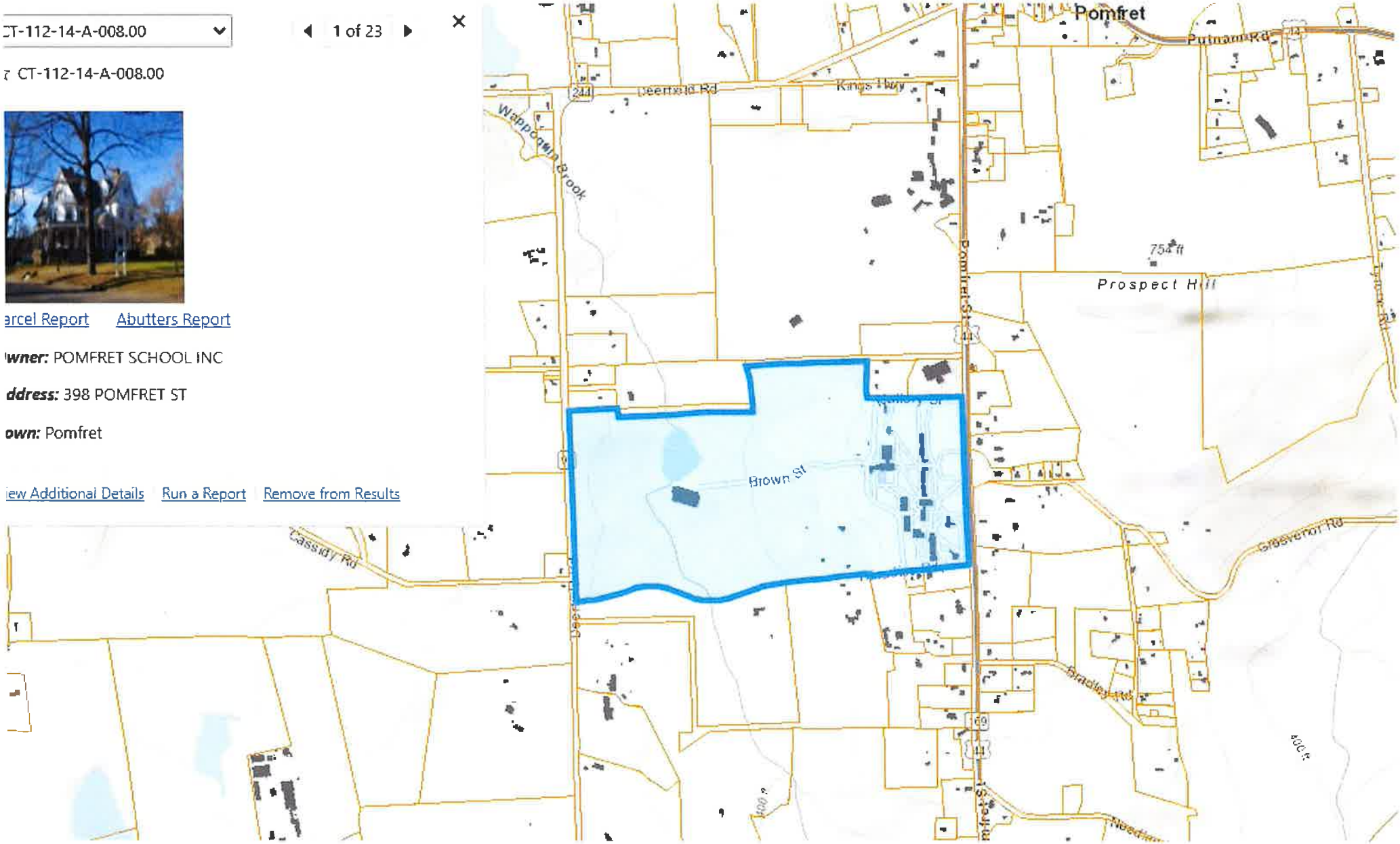
arcel Report | Abutters Report

wner: POMFRET SCHOOL INC

ddress: 398 POMFRET ST

own: Pomfret

iew Additional Details | Run a Report | Remove from Results



neccog

Ashford Brooklyn Canterbury Chaplin Eastford Hampton Killingly Plainfi
Pomfret Putnam Scotland Sterling Thompson Union Voluntown Woodsto

Parcel Information:

Report Generated: *9/21/2021 11:08:48 AM*

GIS ID: CT-112-14-A-008.00

Owner Name: ***POMFRET SCHOOL INC***

Street Address: 398 POMFRET ST

Mailing Address: PO BOX 128
POMFRET CT 062580128

Assessment: $24,715,900.00

Appraisal: $35,307,700.00

Land: 141.24 **Buildings:** 24.00

	Land Value:	Improvement Value:	Total Value:
Appraised	$1,078,400.00	$34,229,300.00	$35,307,700.00
Assessed		$23,961,100.00	$24,715,900.00

Sale Date: **Sale Price:** $0

Year Built: 1870 **Primary Structure Area:** 7,591.00 sq. ft.

Taxlot highlighted in blue

ATTACHMENT 5

Verizon/Pomfret East

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 08/17/2023 US POSTAGE $003.19⁰ ZIP 06103 041L12203937 OLD STATE HOUSE STATION CT 06103 AUG 17 2023
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Maureen Nicholson, First Selectman Town of Pomfret 5 Haven Road Pomfret Center, CT 06259				
2.	James Rabbitt, Town Planner Town of Pomfret 5 Haven Road Pomfret Center, CT 06259				
3.	Pomfret School, Inc. PO Box 128 Pomfret, CT 06258				
4.					
5.					
6.					