John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

December 9, 2021

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

RE: Notice of Exempt Modification // Site: COLUMBIA CT (ATC: 302472)
104 Bunker Hill Road, Andover, CT 06232
N 41.7378 // W 72.3498

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the 160-foot mount on the existing 180 foot monopole tower, located at 104 Bunker Hill Road, Andover, CT. The tower is owned by American Tower. The property is owned by Leon & Benjamin Price. The Council approved Verizon Wireless use of tower in 1999. Verizon Wireless now intends to remove install Three (3) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will remove six (6) Remote Radio Heads (RRHs), two (2) OVP's and associated cabling; and install one (1) platform mount, nine (9) RRH's, one (1) OVP and associated cabling; altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §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 J. Maguire, First Selectman, Building Official, Randy Heckman, American Tower, the tower owner and Leon and Benjamin Price who are the property owners.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings by Dewberry Engineers Inc. dated November 11, 2021, a structural analysis dated August 24, 2021 by American Tower Corp., and antenna mount analysis by Maser Consulting Connecticut dated July 28, 2021, as well as a radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications 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 operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by American Tower Corp, dated August 24, 2021 and a mount analysis by Maser Consulting Connecticut dated July 28, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated November 11, 2021.

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

John Coleman

_____

John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

Attachments

cc: J. Maguire - as chief elected official
Randy Heckman - as P&Z official
American Tower - as tower owner
Leon & Benjamin Price – as Property Owner

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
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BROCKTON ,MA 02301

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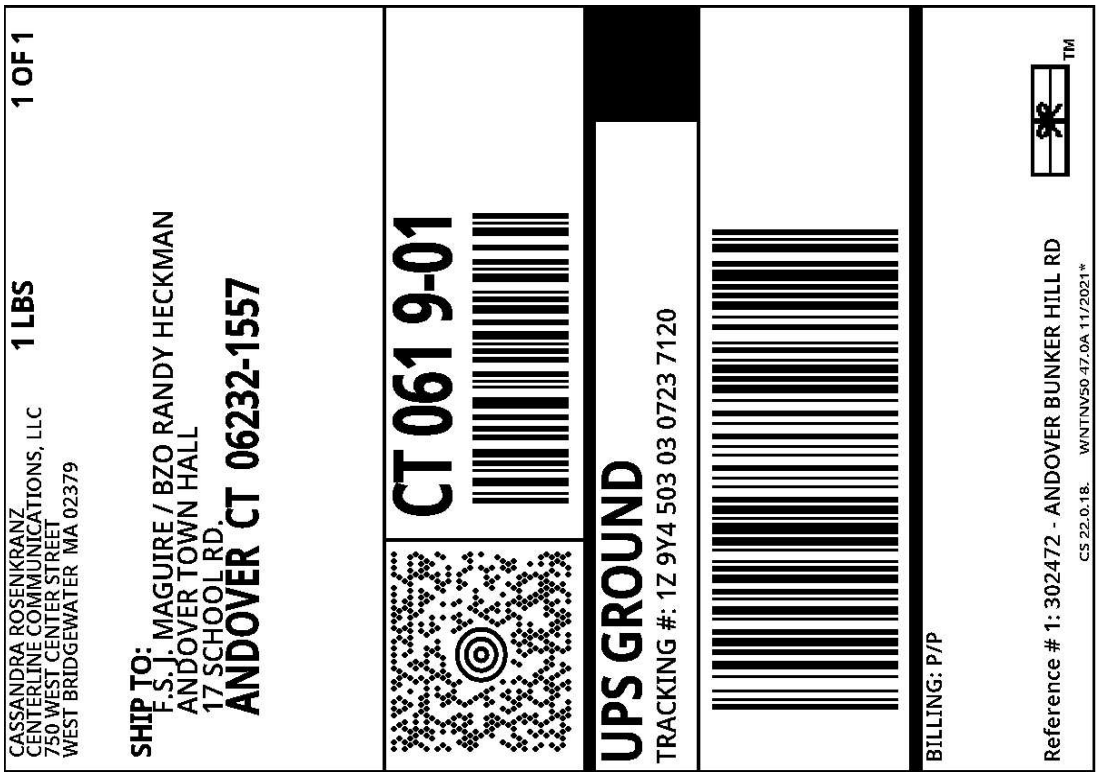

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z9Y45030307237120

Weight
1.00 LBS

Service

UPS Ground

Shipped / Billed On
11/18/2021

Delivered On

12/20/2021 12:49 P.M.

Delivered To
ANDOVER, CT, US

Received By

LEE

Left At
Office

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 02/14/2022 2:11 P.M. EST

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1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
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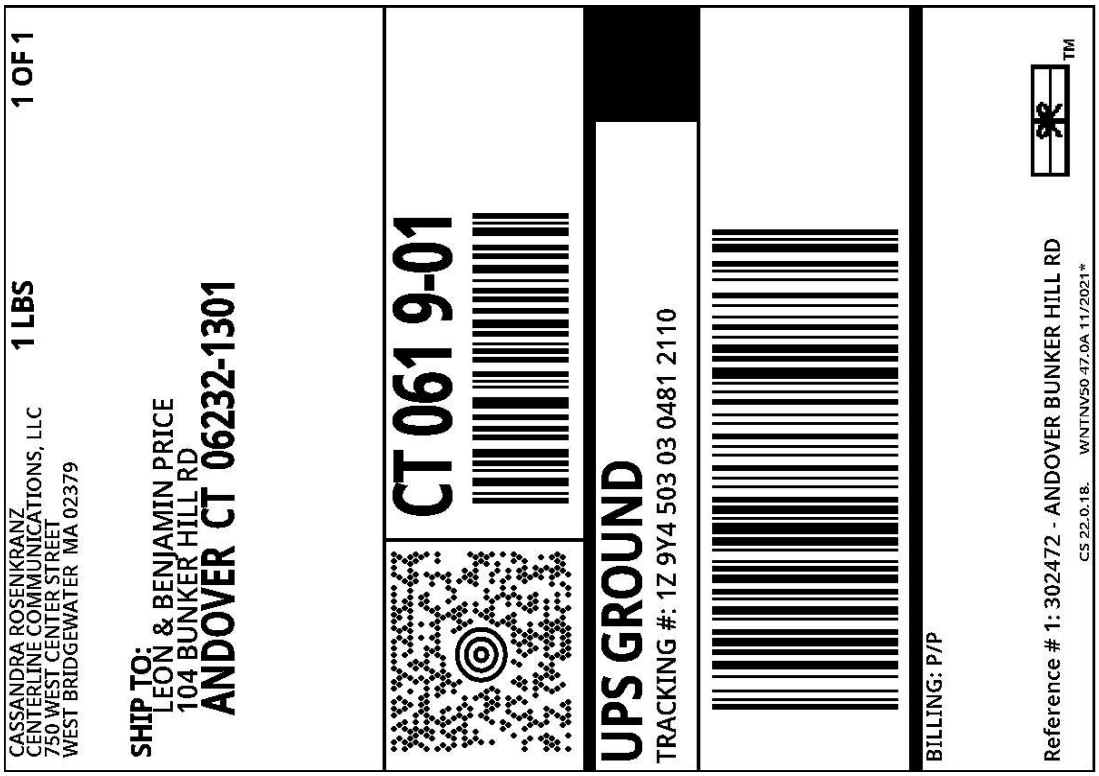


Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z9Y45030304812110

Weight
1.00 LBS

Service

UPS Ground

Shipped / Billed On
11/18/2021

Delivered On

12/18/2021 12:51 P.M.

Delivered To
ANDOVER, CT, US

Received By

DRIVER RELEASE

Left At
Side Door

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 02/14/2022 2:12 P.M. EST

From: Building Admin
To: John Coleman
Cc: Zoning
Subject: 104 Bunker Hill Rd.
Date: Tuesday, December 7, 2021 11:33:08 AM
Attachments: DOC120721-12072021110942.pdf

Good Morning Mr. Coleman,

I have attached the motions from the 11/6/1999 Planning & Zoning meeting.
This says the application for the telecommunication facility at 104 Bunker Hill Rd.,
Andover CT was approved.

If you have any further questions please feel free to contact us.

Thank you.

Kathy
12/07/2021

Lynn Werner
Andover Building & Land Use
17 School Road
Andover, Ct. 06232

860-742-7305 ext 219

TOWN OF ANDOVER
PLANNING & ZONING COMMISSION
NOVEMBER 15, 1999

MOTIONS

Public Hearing on the application of Nextel Communications of the Mid-Atlantic, Inc. for a Special Permit to construct a Telecommunication Facility was reconvened and subsequently closed.

The application of James Bousfield to amend the Andover zoning regulations by adding Sections 9.0.4, 12.2.9 and 24.3.42a was opened and subsequently closed.

OLD BUSINESS

1) Application of Nextel Communications of the Mid-Atlantic, Inc. for a telecommunication facility at the property of Leon Price and Deborah Green located at 104 Bunker Hill Rd.

A motion was made (by Erich Siismets) to approve the application for a request for a telecommunication facility at 104 Bunker Hill Rd. with conditions. Seconded by Robert Russell the motion passed 4-0-0 with Leigh Ann Hutchinson abstaining.

NEW BUSINESS

1) Application of James Bousfield. Request to amend the zoning regulations by adding three sections: 9.0.4, 12.2.9, and 24.3.42a. Erich Siismets made the following motion:

Move to add the following sections to the zoning regulations:

9.0.8 Self-Storage Facilities

12.2.9 Self-Storage Facilities. One paved parking space for every fifty units, plus one space for each full-time employee.

24.3.42a – Self-Storage Facility -- A facility open to the general public consisting of individual, leased, storage units of 300 square ft, or less. Each unit shall have direct access from the facility driveway and shall be utilized for the storage of personal property, equipment, inventory, boats, trailers, automobiles, etc. Units shall not be used as work areas or to conduct business, maintenance or repairs of any kind. Outside storage of any kind is prohibited.

Seconded by Jeanne Sheehan the motion passed 5-0-0.

APPLICATION FOR SPECIAL PERMIT

of

NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.

d/b/a

NEXTEL COMMUNICATIONS

for a

PERSONAL WIRELESS TELECOMMUNICATION FACILITY

Submitted to:

ANDOVER PLANNING AND ZONING COMMISSION

July 14, 1999

Prepared by:

Hurwitz & Sagarin, LLC
147 North Broad Street
Milford, Connecticut 06460

TABLE OF CONTENTS

LIST OF EXHIBITS

I. Introduction

Nextel Communications of the Mid-Atlantic, Inc., doing business as Nextel Communications ("Applicant") respectfully submits this memorandum in support of its application for a special permit to install a wireless telecommunications facility (the "Facility") at 104 Bunker Hill Rd. (the "Site"). A copy of the Application and associated documents are included as Exhibit 1. The Site is known as Lot 3, Block 36 on Map 33 of the Town of Andover Tax Assessor's Maps and is located in an R-80 (Residential) District. The proposed use is permitted in an R-80 district pursuant to § 4.13 as a telecommunication facility.

The proposed installation will close a significant gap in the Applicant's digital wireless network by providing wireless communications services to the local area in the least obtrusive means possible.

II. Description of the Proposed Facility

The Facility will consist of a 180 foot monopole, with an antenna platform located at the 178 foot level. Each antenna will be approximately 3 ½ feet tall and therefore will not exceed a height of 180 feet. A total of twelve antennas may be attached to the antenna platform. An equipment shelter, 10' by 20', will be located adjacent to the proposed monopole. All of the necessary related equipment will be located in the equipment shelter. Telephone and electric utilities will be run underground from Bunker Hill Road. The monopole and shelter will be surrounded by a security fence. The entire Facility will be unmanned.

III. Need for the Facility

A. FCC Requirements. The Applicant is licensed by the Federal Communications Commissions ("FCC") to provide its service throughout Connecticut. The FCC requires Nextel, as a provider of enhanced specialized mobile radio ("ESMR") services, to complete the construction and build-out of its wireless network and fill coverage gaps in its federally licensed service area, which includes the Town of Andover. The Applicant's ESMR system combines voice, data and text messaging, enabling it to provide mobile telephone, paging and dispatch service through a single handset. The Applicant's service, therefore, provides great flexibility to public and private users.

There is also a public need for the Applicant's service, as evidenced by the granting of a license to the Applicant by the FCC. This grant constitutes a finding that the public interest will be served by the Applicant's service and is consistent with the public policy of the United States "to make available so far as possible, to all people of the United States a rapid, efficient, nationwide and worldwide wire and radio communication service with adequate facilities at reasonable charges, for the purpose of national defense, for the purpose of promoting safety of life and property through the use of wire and radio communication...[.]" 47 U.S.C. § 151. In fact, at the time the FCC granted the Applicant's license, the FCC determined that the Applicant's service furthers the FCC's statutory mandate and the public policy of the United

States.... [to] "encourage the larger and more efficient use of the radio in the public interest" (FCC Decision 91-56).[1]

B. Coverage within the Town of Andover.

The Applicant has prepared a visual analysis to demonstrate its need to locate a wireless telecommunications facility in this area of Andover. This analysis is called a signal propagation map and displays the geographical area that is served by Nextel wireless facilities within a certain area. A propagation map of the Applicant's coverage in Andover without the proposed Facility is included as Exhibit 2. The area that is colored green displays Nextel coverage from other existing or proposed facilities. As this propagation map demonstrates, a significant coverage gap exists along Route 6 and the entire town of Andover. As described above, the Applicant must provide service to this cell or geographical area, which currently does not receive service.

In order to provide comprehensive service to this entire area, a wireless facility must be placed within a very specific region. That area within which a facility must be located to provide complete coverage is called the Search Area Ring. The Search Area Ring for this cell is attached as Exhibit 3. As the search ring demonstrates, the Applicant had a very small region within which it could locate its facility. If the facility were located outside of this

[1] Please also note that under the Federal Communications Act of 1934, as revised in 1993, the Applicant is subject to FCC regulation as a commercial mobile services ("CMS") common carrier. *See* 47 U.S.C. §332. A CMS common carrier must provide service in all parts of its coverage area, upon reasonable request. Therefore, to fulfill its common carrier and public utility obligation, the Applicant must be able to serve all parts of Andover.

Search Area Ring, the facility would not provide complete coverage throughout this cell and coverage gaps would remain. This would have resulted in an unacceptable level of service.

With the proposed Facility at 104 Bunker Hill Road, the Applicant is able to provide coverage throughout the cell and the previous coverage gaps are eliminated. Exhibit 4 displays the coverage to be achieved from the proposed Facility. Exhibit 5 displays the coverage from the proposed Facility with the coverage from other existing or proposed facilities in the area. As Exhibit 5 demonstrates, the coverage gap created by the surrounding sites is remedied with the proposed Bunker Hill Road Facility.

In conclusion, the propagation studies demonstrate the compelling public need for the Facility at the proposed location.

IV. Other Siting Considerations

While the propagations studies and Search Area Ring discussed above demonstrate the need for the proposed Facility in this area of Andover, please note that both the type and location for this Facility were carefully reviewed by Nextel.

As a matter of policy, when seeking a location for a new Facility, Nextel first attempts to locate an existing structure, such as buildings or other telecommunications towers, on which it can place its Facility. This is called co-location. Only after determining that there are no existing structures of sufficient height in the Search Area Ring does Nextel propose a new monopole.

In regard to the Facility which is the subject of this application, Nextel conducted an exhaustive survey of sites within the Search Area Ring to identify any co-location opportunities. Only after determining that there are no buildings or structures of sufficient height in or near the Search Area Ring, Nextel searched for an appropriate location for a monopole. The site selected by Nextel permits it to provide coverage in the most inconspicuous manner possible because (1) only one Facility is required; (2) the parcel selected for the Facility is comprised of nearly fourteen acres and offers substantial, mature screening; (3) the monopole is as low as it can be while still providing the necessary coverage throughout the cell; and (4) the site is adjacent to another utility use, the Algonquin Gas Company right-of-way. As a result, not only is the proposed Facility consistent with and in harmony with the surrounding area, but there is no other location within the Search Area Ring that is better

suited for this use. In short, Nextel has selected the least obtrusive method of providing coverage to this area of Andover which does not currently receive Nextel coverage.

V. Compliance with the Andover Zoning Regulations

The Facility will be an integral part of Nextel Communications' network of facilities located throughout the state. The FCC requires Nextel, as a provider of enhanced specialized mobile radio ("ESMR") services, to complete the construction and build-out of its wireless network and fill coverage gaps in its federally licensed service area, which includes the Town of Andover. Without the requested special permit approval, Nextel will be unable to provide coverage to this area of Andover.

The granting of the special permit approval will be consistent with the general purpose and intent of the Andover Zoning Regulations and will conserve the public health, safety convenience, welfare and property values. As set forth below, Nextel has met all applicable standards for approval of the Special Permit.

4.13.3

a) A completed special permit application is attached as Exhibit 1.

b) Site plans, which include all of the items listed in this subsection, have been submitted with the application.

c) The site plans provide details of the equipment shelter, access drive, fencing, utilities, lighting, and landscaping. Final construction details of the proposed tower will be provided on the construction drawings to be submitted in conjunction with a building permit application.

d) A fall zone analysis by H. Edmund Bergeron Associates is attached as Exhibit 6. It should be noted, however, that monopoles are an extremely strong and resilient type of

structure. There are no known failures of a monopole in the United States. Should there be an exceptionally high wind, monopoles are designed to relieve that stress by bending or twisting in the middle of the pole. As a result, a monopole does not topple from its base. Nevertheless, please note, that the proposed monopole complies with all setback standards in the Regulations.

e) A view shed analysis is attached as Exhibit 7.

f) These maps are attached as Exhibits 2, 3, 4, and 5.

4.13.4

a) The lot for the proposed Facility is 605,484 sq. ft. and, therefore, exceeds the 40,000 sq. ft. minimum.

b) The proposed monopole is 180 ft. tall and, therefore, does not exceed the 200 ft. height limitation.

c) As with all Nextel monopoles, the proposed Facility will be designed to accommodate a minimum of three telecommunications service providers, including Nextel.

d) The proposed Facility will be enclosed with a 6 ft. security fence.

e) Substantial and mature landscaping currently exists surrounding the leased parcel.

f) The majority of the access drive from Bunker Hill Road currently exists. The balance of the access drive and the parking area will be constructed of a dust-free surface.

g) The proposed monopole will be galvanized steel which will weather to a matte gray color. Further, and as set forth in a letter from the Air Space Safety Analysis Corporation, attached as Exhibit 8, the monopole will not be required to be lit.

h) All utility lines shall be installed underground.

i) A report from Charles S. Fitch, an independent, Connecticut licensed, professional engineer documenting that the proposed telecommunications Facility complies with the emission standards established by the Federal Communications Commission is attached as Exhibit 9. This report also certifies that the proposed Facility will not interfere with public safety communications, radio, television or other existing communications systems.

j) The proposed Facility will be set back 317 ft. from the nearest residential property line, and will be 725 ft. from the nearest neighboring residence and thus complies with the setback requirements.

k) Lighting shall be kept to a minimum. As stated above, the monopole will not be lit. In addition, the equipment shelter will have just one light fixture which will be operated by a motion detector.

l) No signage is proposed for the Facility, other than a 1 ft. x 1 ft. emergency sign.

m) No generator is proposed as a part of the Facility.

n) The telecommunication tower will be a monopole design.

o) No dish antennas are proposed. The panel antennas will be 52" high and 8" wide.

As a result, the proposed Facility complies with all standards for telecommunications facilities set forth in the Andover Zoning Regulations.

The proposed Facility also complies with the applicable special permit provisions set forth in § 23.4 of the Regulations.

a) A complete application with all necessary information has been submitted to the Commission.

b) No variance or inland/wetland permit is required by the proposed Facility.

c) The proposed Facility will be utilizing an existing access drive, which fronts on Bunker Hill Road.

d) A Nextel technician will visit the site approximately once per month to perform routine maintenance. As a result, there will be no impact on traffic.

e) The access will be sufficient for police and fire protection.

f) No sanitary waste disposal systems are proposed because none are needed.

g) Soil erosion and sedimentation control measures will be installed as depicted on Sheet C-3 of the site plan.

h) No sanitary disposal system is proposed.

i) The proposed Facility does not pose a risk of degradation of surface or ground water supplies.

j) The proposed Facility is not a development to be served by a water company.

k) The proposed Facility will have no impact on the health, safety or welfare of the citizens of Andover. Adequate emergency access is provided; adequate utilities are available; no flood proofing measures are necessary; the proposed Facility will have no impact on the natural environment; no glare, smoke, heat or pollution will be associated with the proposed Facility.

l) The proposed use shall be appropriate for the designated location. The proposed Facility is a completely passive use and will have no impact on existing land uses. As stated, there will be no impact on traffic. The proposed Facility will not obstruct light or air, and will not emit any noise, light, smoke, odor, gas, dust, or any other offensive emission. As set forth in Exhibit 8, the proposed Facility complies with all FCC standards for radio frequency emissions. The proposed use does not create any inherent police or fire protection needs. The Facility will preserve the character of the neighborhood because it will comply with all set back requirements, it is on an extremely large parcel, and will be shielded by substantial, existing, mature trees. Only telephone and electric utilities will be necessary for the Facility and will not pose any special burdens.

m) As shown and discussed in greater detail in the view shed analysis, attached as Exhibit 6, the proposed Facility will have a minimum visual impact on the neighborhood. Many views of the facility will be shielded by vegetation or topography. From those areas where the Facility is visible, there will only be a de minimis impact as shown on in the photosimulations included in the viewshed analysis.

n) The proposed Facility will have no impact on pedestrian or vehicular traffic. Further, the proposed Facility will not, in any way, hinder or discourage the appropriate development of adjacent land. Further, detailed analyses have determined that facilities, such as the one proposed in this Application, have no impact on adjacent property values

As established above, the use proposed by Nextel Communications complies with each and every applicable requirement set forth in the Andover Zoning Regulations.

Conclusion

By granting the requested approval, the Commission will permit the Applicant to comply with its statutory mandate to build out its network and provide local businesses, residents and public service entities with a safe and reliable wireless communications alternative.

ANDOVER TOWN PLANNING AND ZONING COMMISSION
APPLICATION FOR A SPECIAL PERMIT

The undersigned applicant hereby applies to the Town Planning and Zoning Commission for approval of a Special Permit under Section(s) 4.13.0 of the Andover Zoning Regulations for the following:

Construction of a personal wireless telecommunications facility.

Address or location of subject parcel: 104 Bunker Hill Road

Size of subject parcel: approx. 13.9 ac. Zone of subject parcel: R-80

Description of subject parcel, as per Assessor's records:

Map(s) # 33 Block(s) # 36 Lot(s) # 3

Deed Reference: Vol. 68 Page 950 Zone

How will the proposed Special Permit relate to the adopted Plan of Development? The proposed use will be consistent with the Plan of Development because the proposed use is permitted in an R-80 zone.

Allowing said Special use will be of benefit to the Town of Andover for the following reason: It will provide Nextel service to the businesses and residents of the Town of Andover.

Applicant (If more than one, list on a separate sheet)

Name: Nextel Communications of the MidAtlantic, Inc. Signature: DULY AUTHORIZED

Address: 100 Corporate Place, Rocky Hill, CT 06067

Telephone: 860-513-5400 Date: July 13, 1999

( ) Owner ( ) Optionee ( ) Buyer (X) Agent Check one

Owner(s) of Record (If other than applicant) (If more than one, list on a separate sheet)

Name Deborah R. and Leon Price Signature SEE ATTACHED L.O.A.

Address: 104 Bunker Hill Road

Telephone: 860-742-3023 Date:

- Continued on Reverse -

The following items shall be included as part of this application:

( ) Fee - $60.00 The fee for a "Special Permit" is $50.00 + an additional $10.00 which is a state mandated fee on all land-use applications. (Make check payable to "Town of Andover").

( ) Drawing and data as may be required.

( ) Obtain sign from Agent two (2) weeks prior to Public Hearing. ($2.00 fee) It is the applicant's responsibility to maintain sign for the two (2) week period. Sign must be conspicuously displayed. Corner properties require one sign on each street.

NOTE TO APPLICANT:

In accordance with Connecticut State Statutes Revised 1958 requires that certification of approval of this Special Permit to be filed with the Town Clerk's Office before becoming effective. Effective date shall be twenty days after legal publication. This allows landowners within 100 feet to appeal within 15 days and landowners within 500 feet to appeal within 20 days.

FOR OFFICE USE ONLY

Special Permit # _____

Application Received _____

Public Hearing Date _____

Published Dated _____

Effective Date _____

Fee Paid _____

SPPMT

Nextel Communications
100 Corporate Place, Rocky Hill, CT 06067
860 513-5400 FAX 860 513-5444

NEXTEL

LETTER OF AUTHORIZATION

Municipality:

Tax Assessor's Parcel Number:

Re: Building Permits and Land Use Approvals

Deborah Green + Leon Price the Owner of 104 Bunker Hill Rd (the "Property") does hereby appoint Nextel Communications of the Mid-Atlantic, Inc. ("Nextel") and its agents and representatives as Owner's Agent for the purpose of completing, executing, and/or filing any applications, form, map, approval, variance, special permit or other land use approval or building permit ("Approvals") required to provide Nextel with lawful access to, and the ability to use the Property for the purpose of installing, erecting, or otherwise placing antennae, support structures and related equipment on the Property. Owner shall fully cooperate with Nextel and its agents and representatives in obtaining any required Approvals. Nextel shall be responsible for all costs, filing fees, or any expense incurred in the connection with securing any Approvals.

Property Owner: Deborah Green and Leon Price

By: Deborah Green and Leon Price

Name: owners Deborah Green LPG

Its: _____

Date: 8/29/98

STATE OF CONNECTICUT:

COUNTY OF :

Signed and Sworn to before me this 29 th day of August 1998

June H Clark

Notary Public

My Commission expires: JUNE H. CLARK NOTARY PUBLIC MY COMMISSION EXPIRES NOV. 30, 2002

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**178 ft Monopole**
ATC Site Name	:	**Andover-bunker Hill Road,CT**
ATC Site Number	:	**302472**
Engineering Number	:	**13668768_C3_03**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**COLUMBIA CT**
Carrier Site Number	:	**470979**
Site Location	:	**104 Bunker Hill Road** **Andover, CT 06232-1301** **41.7378, -72.3498**
County	:	**Tolland**
Date	:	**August 24, 2021**
Max Usage	:	**90%**
Result	:	**Pass**

Prepared By:

Michael Imbimbo
Structural Engineer

Michael Imbimbo

Reviewed By:

COA : PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 178 ft Monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	PJF Job #29200-028, dated January 14, 2000
Foundation Drawing	PJF Job #29200-012, dated January 14, 2000
Geotechnical Report	Tectonic Project #1170.C966, dated November 30, 1999

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	119 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.50" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 2
Crest Height (H):	344 ft
Crest Length (L):	2786 ft
Spectral Response:	Ss = 0.19, S_1 = 0.06
Site Class:	D - Stiff Soil - Default

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
180.4	12	Powerwave Allgon 7120.16.05.00 / A-800-110-13I-0-N	Triangular Low Profile Platform	-	SPRINT NEXTEL
168.0	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	Triangular Platform with Handrails	(4) 1 1/4" Hybriflex Cable (6) 1 5/8" Coax	
	3	Alcatel-Lucent 1900 MHz 4X45 RRH			
	6	Alcatel-Lucent RRH2x50-08			
	3	RFS APXVTM14-ALU-I20			
	3	Commscope NNVV-65B-R4			
158.0	6	Antel LPA-80080/4CF ___	Triangular Platform with Handrails	(6) 1 5/8" Coax (1) 1.58" (40.1mm) Hybrid	VERIZON WIRELESS
	6	Andrew SBNHH-1D65B			
148.0	3	Ericsson KRY 112 144/1	Triangular Low Profile Platform	(1) 1 5/8" (1.63"-41.3mm) Fiber (12) 1 5/8" Coax	T-MOBILE
	3	Ericsson KRY 112 489/2			
	3	Ericsson Radio 4449 B12,B71			
	3	EMS RR90-17-02DP			
	3	RFS APXVAARR24_43-U-NA20			
137.0	6	CCI DMP65R-BU6DA	Triangular Platform with Handrails	(2) 2" Carflex Non-Metallic Conduit (2) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (12) 1 1/4" Coax	AT&T MOBILITY
	3	Ericsson RRUS 8843 B2, B66A			
	3	Raycap DC6-48-60-18-8F ("Squid")			
	6	LGP Allgon LGP21903			
	6	Powerwave Allgon LGP21401			
	3	Powerwave Allgon 7770.00			
	3	Ericsson RRUS 4449 B5, B12			
	3	Ericsson RRUS 4478 B14			
124.0	3	Fujitsu TA08025-B605	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B604			
	3	JMA Wireless MX08FRO665-21			
	1	Commscope RDIDC-9181-PF-48			
108.0	1	Generic GPS	Stand-Off	(1) 1/2" Coax	VERIZON WIRELESS
97.0	1	Generic GPS	Stand-Off	(1) 1/2" Coax	SPRINT NEXTEL
88.5	1	Generic GPS	Stand-Off	-	

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
158.0	6	RFS FD9R6004/2C-3L	-	(6) 1 5/8" Coax (1) 1.58" (40.1mm) Hybrid	VERIZON WIRELESS
	2	RFS DB-T1-6Z-8AB-0Z			
	3	Alcatel-Lucent B66a RRH4x45 (AWS-3)			
	3	Alcatel-Lucent RRH2x60 700			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
158.0	3	Samsung B2/B66A RRH-BR049	Triangular Platform with Handrails	-	VERIZON WIRELESS
	3	Samsung B5/B13 RRH-BR04C			
	1	Raycap RCMDC-6600-PF-48			
	3	Samsung MT6407-77A			

[1] Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	90%	Pass
Shaft	89%	Pass
Base Plate	75%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	5772.2	66%
Shear (Kips)	44.2	50%
Axial (Kips)	68.4	62%

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
158.0	Samsung B2/B66A RRH-BR049	VERIZON WIRELESS	2.643	1.930
	Samsung MT6407-77A			
	Raycap RCMDC-6600-PF-48			
	Samsung B5/B13 RRH-BR04C			

***Deflection and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-H**

Standard Conditions

All engineering services performed by A.T. Engineering Service, PLLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

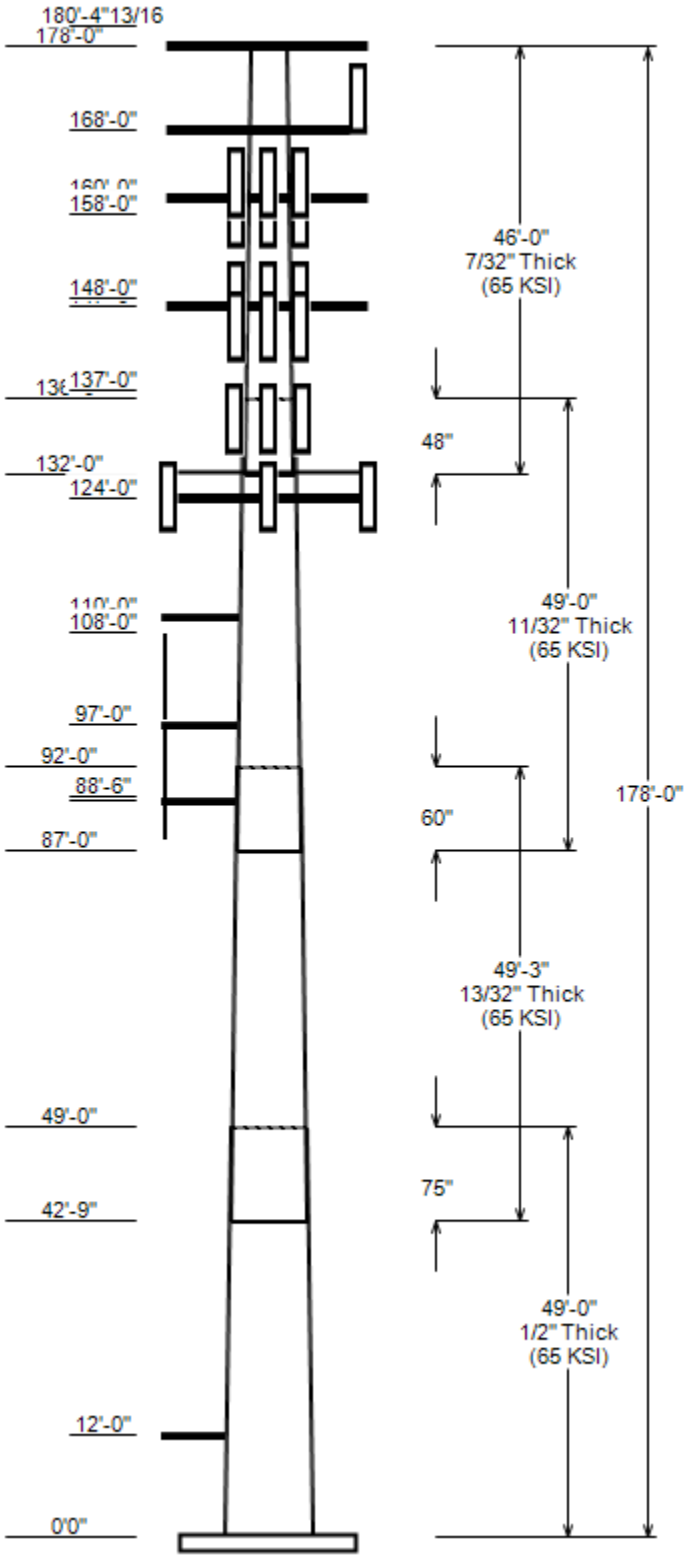
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Service, PLLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

JOB INFORMATION

Asset :	302472, Andover-bunker Hill Road	Height :	178 ft
Client :	VERIZON WIRELESS	Base Width :	56.91
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Base Elev (ft):	0.00	Structure Class:	II
Taper :	0.20700 (In/ft)	Exposure :	B
Topographic Category :	0	Topographic Feature:	Hill
Topo Method :	Method 2		

SECTION PROPERTIES

Shaft Section	Length (ft)	Diameter (in) Across Flats Top	Diameter (in) Across Flats Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	49.000	46.77	56.91	0.500		0.000	18 Sides	65
2	49.250	38.68	48.87	0.406	Slip Joint	75.000	18 Sides	65
3	49.000	30.26	40.40	0.344	Slip Joint	60.000	18 Sides	65
4	46.000	22.00	31.52	0.219	Slip Joint	48.000	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
180.4	180.4	12	Powerwave Allgon 7120.16.05.00
178.0	178.0	1	Flat Low Profile Platform
168.0	170.8	6	Alcatel-Lucent RRH2x50-08
168.0	171.0	3	Alcatel-Lucent 1900 MHz 4X45 R
168.0	171.8	3	Alcatel-Lucent TD-RRH8x20-25 w
168.0	171.0	3	RFS APXVTM14-ALU-I20
168.0	171.0	3	Commscope NNVV-65B-R4
168.0	168.0	1	Flat Platform w/ Handrails
160.0	160.0	1	Flat Platform w/ Handrails
158.0	158.0	3	Samsung B2/B66A RRH-BR049
158.0	158.0	3	Samsung B5/B13 RRH-BR04C
158.0	158.0	1	Raycap RCMDC-6600-PF-48
158.0	158.0	3	Samsung MT6407-77A
158.0	159.5	6	Antel LPA-80080/4CF ___
158.0	160.1	6	Andrew SBNHH-1D65B
148.0	144.3	3	Ericsson KRY 112 144/1
148.0	144.3	3	Ericsson KRY 112 489/2
148.0	147.6	3	Ericsson Radio 4449 B12,B71
148.0	148.0	3	EMS RR90-17-02DP
148.0	146.1	3	RFS APXVAARR24_43-U-NA20
147.0	147.0	3	Generic Mount Reinforcement
147.0	147.0	1	Generic Round Low Profile Plat
137.0	134.6	6	LGP Allgon LGP21903
137.0	136.2	6	Powerwave Allgon LGP21401
137.0	138.1	3	Raycap DC6-48-60-18-8F ("Squid
137.0	137.6	3	Ericsson RRUS 8843 B2, B66A
137.0	137.6	3	Ericsson RRUS 4478 B14
137.0	137.7	3	Ericsson RRUS 4449 B5, B12
137.0	136.6	3	Powerwave Allgon 7770.00
137.0	136.3	6	CCI DMP65R-BU6DA
137.0	137.0	1	Platform with Handrails RMQP-4
124.0	124.0	1	Commscope RDIDC-9181-PF-48
124.0	124.0	3	Fujitsu TA08025-B605
124.0	124.0	3	Fujitsu TA08025-B604
124.0	124.0	3	JMA Wireless MX08FRO665-21
124.0	124.0	1	Generic Flat Platform with Han
110.0	110.0	1	Stand-Off
108.0	106.6	1	Generic GPS
97.0	95.7	1	Generic GPS
97.0	97.0	1	Stand-Off
88.5	88.5	1	Generic GPS
88.0	88.0	1	Stand-Off
12.0	12.0	1	Stand-Off

JOB INFORMATION

Asset :	302472, Andover-bunker Hill Road	Height :	178 ft
Client :	VERIZON WIRELESS	Base Width :	56.91
Code :	ANSI/TIA-222-H	Shape :	18 Sides

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	168.0	1 5/8" Coax	No
0.0	168.0	1 1/4" Hybriflex Cable	No
0.0	158.0	1.58" (40.1mm) Hybrid	No
0.0	158.0	1 5/8" Coax	No
0.0	148.0	1 5/8" Coax	No
0.0	148.0	1 5/8" (1.63"-41.3mm) Fiber	No
0.0	138.0	2" Carflex Non-Metallic Conduit	No
0.0	137.0	1 1/4" Coax	No
0.0	137.0	0.78" (19.7mm) 8 AWG 6	No
0.0	137.0	0.39" (10mm) Fiber Trunk	No
0.0	124.0	1.60" (40.6mm) Hybrid	No
0.0	108.0	1/2" Coax	No
0.0	97.0	1/2" Coax	No

LOAD CASES

1.2D + 1.0W Normal	119 mph wind with no ice
0.9D + 1.0W Normal	119 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Nor	50 mph wind with 1.5" radial ice
1.2D + 1.0Ev + 1.0Eh Nor	Seismic
0.9D - 1.0Ev + 1.0Eh Nor	Seismic (Reduced DL)
1.0D + 1.0W Service Norm	60 mph Wind with No Ice

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W Normal	5772.24	44.23	68.38
0.9D + 1.0W Normal	5674.00	44.19	51.26
1.2D + 1.0Di + 1.0Wi Normal	1679.15	12.49	104.63
1.2D + 1.0Ev + 1.0Eh Normal	253.02	1.72	68.68
0.9D - 1.0Ev + 1.0Eh Normal	247.54	1.71	47.52
1.0D + 1.0W Service Normal	1301.91	10.05	57.05

DISH DEFLECTIONS

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)

ANALYSIS PARAMETERS

Location:	Tolland County,CT	Height:	178 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	56.91 in
Manufacturer:	Undetermined	Top Diameter:	22.00 in
K_d (non-service):	0.95	Taper:	0.2070 in/ft
K_e:	0.98	Rotation:	0.000°

ICE & WIND PARAMETERS

Exposure Category:	B	Design Wind Speed w/o Ice:	119 mph
Risk Category:	II	Design Wind Speed w/Ice:	50 mph
Topo Factor Procedure:	Method 2	Operational Wind Speed:	60 mph
		Design Ice Thickness:	1.50 in
		HMSL:	547.00 ft
Crest Height(H):	344 ft	Distance from Apex (x):	483 ft
Crest Length(L):	2786 ft	Upwind/Downwind:	Upwind
Feature:	Hill		

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			Period Based on Rayleigh Method (sec):	3.03
T_L (sec):	6	P:	1	$C_{s:}$	0.030
$S_{s:}$	0.193	$S_{1:}$	0.055	C_s Max:	0.030
$F_{a:}$	1.600	$F_{v:}$	2.400	C_s Min:	0.030
$S_{ds:}$	0.206	$S_{d1:}$	0.088		

LOAD CASES

1.2D + 1.0W Normal	119 mph wind with no ice
0.9D + 1.0W Normal	119 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Normal	50 mph wind with 1.5" radial ice
1.2D + 1.0Ev + 1.0Eh Normal	Seismic
0.9D - 1.0Ev + 1.0Eh Normal	Seismic (Reduced DL)
1.0D + 1.0W Service Normal	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (in)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	49.00	0.5000	65		0.00	13,584	56.91	0.000	89.52	35,990.1	18.31	113.82	46.77	49.00	73.42	19,857.1	14.73	93.53	0.2070
2-18	49.25	0.4063	65	Slip	75.00	9,371	48.87	42.750	62.50	18,549.0	19.45	120.29	38.68	92.00	49.35	9,133.1	15.02	95.20	0.2070
3-18	49.00	0.3438	65	Slip	60.00	6,364	40.40	87.000	43.71	8,860.8	18.96	117.51	30.26	136.00	32.64	3,690.1	13.75	88.01	0.2070
4-18	46.00	0.2188	65	Slip	48.00	2,885	31.52	132.000	21.74	2,691.5	23.64	144.07	22.00	178.00	15.13	906.7	15.97	100.55	0.2070
				Shaft Weight		32,204													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
180.40	Powerwave Allgon 7120.16.05.00	12	0.80	0.000	15.40	5.317	0.70	186.10	4.977	0.70
178.00	Flat Low Profile Platform	1	1.00	0.000	1500.00	26.100	1.00	2209.79	47.016	1.00
168.00	Flat Platform w/ Handrails	1	1.00	0.000	2000.00	42.400	1.00	3551.02	65.288	1.00
168.00	RFS APXVTM14-ALU-I20	3	0.75	3.000	56.20	6.342	0.66	206.48	8.719	0.66
168.00	Commscope NNVV-65B-R4	3	0.75	3.000	77.40	12.271	0.64	351.63	15.331	0.64
168.00	Alcatel-Lucent TD-RRH8x20-25 w	3	0.75	3.800	70.00	4.046	0.61	173.14	5.495	0.61
168.00	Alcatel-Lucent 1900 MHz 4X45 R	3	0.75	3.000	60.00	2.322	0.67	147.95	3.501	0.67
168.00	Alcatel-Lucent RRH2x50-08	6	0.75	2.800	52.90	1.701	0.50	117.57	2.643	0.50
160.00	Flat Platform w/ Handrails	1	1.00	0.000	2000.00	42.400	1.00	3546.28	65.218	1.00
158.00	Antel LPA-80080/4CF ___	6	0.75	1.500	12.00	5.399	0.62	161.57	3.541	0.62
158.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	192.38	6.360	0.61
158.00	Raycap RCMDC-6600-PF-48	1	0.75	0.000	31.50	4.056	1.00	169.64	5.539	1.00
158.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	132.47	2.856	0.50
158.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	153.74	2.856	0.50
158.00	Andrew SBNHH-1D65B	6	0.75	2.100	50.70	8.173	0.69	241.42	11.249	0.69
148.00	EMS RR90-17-02DP	3	0.80	0.000	13.50	4.356	0.64	122.66	5.434	0.64
148.00	Ericsson Radio 4449 B12,B71	3	0.80	-0.400	74.00	1.639	0.50	134.61	2.552	0.50
148.00	RFS APXVAARR24_43-U-NA20	3	0.80	-1.900	127.90	20.243	0.63	552.88	24.258	0.63
148.00	Ericsson KRY 112 489/2	3	0.80	-3.700	15.40	0.559	0.50	34.52	1.127	0.50
148.00	Ericsson KRY 112 144/1	3	0.80	-3.700	11.00	0.351	0.50	22.65	0.790	0.50
147.00	Generic Round Low Profile Plat	1	1.00	0.000	1875.00	21.700	1.00	2751.07	42.469	1.00
147.00	Generic Mount Reinforcement	3	1.00	0.000	200.00	7.500	1.00	409.35	15.599	1.00
137.00	Platform with Handrails RMQP-4	1	1.00	0.000	2500.00	34.800	1.00	4375.27	60.904	1.00
137.00	CCI DMP65R-BU6DA	6	0.75	-0.700	79.40	12.709	0.63	356.76	15.712	0.63
137.00	Powerwave Allgon 7770.00	3	0.75	-0.400	35.00	5.508	0.65	182.72	6.650	0.65
137.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.700	71.00	1.969	0.50	140.39	2.973	0.50
137.00	Ericsson RRUS 4478 B14	3	0.75	0.600	59.90	1.842	0.50	119.43	2.808	0.50
137.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.600	72.00	1.639	0.50	138.00	2.549	0.50
137.00	Raycap DC6-48-60-18-8F ("Squid	3	0.75	1.100	31.80	1.470	1.00	98.23	2.222	1.00
137.00	LGP Allgon LGP21903	6	0.75	-2.400	5.50	0.231	0.50	14.56	0.597	0.50
137.00	Powerwave Allgon LGP21401	6	0.75	-0.800	14.10	1.104	0.50	40.96	1.872	0.50
124.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4397.58	64.802	1.00
124.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	339.05	15.491	0.64
124.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	126.19	2.945	0.50
124.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	141.92	2.945	0.50
124.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	82.69	2.828	1.00
110.00	Stand-Off	1	1.00	0.000	100.00	3.000	1.00	151.66	4.661	1.00
108.00	Generic GPS	1	1.00	-1.400	10.00	0.900	1.00	40.94	1.576	1.00
97.00	Stand-Off	1	1.00	0.000	100.00	3.000	1.00	151.17	4.645	1.00
97.00	Generic GPS	1	1.00	-1.300	10.00	0.900	1.00	40.70	1.571	1.00
88.50	Generic GPS	1	1.00	0.000	10.00	0.900	1.00	40.50	1.567	1.00
88.00	Stand-Off	1	1.00	0.000	100.00	3.000	1.00	150.80	4.633	1.00
12.00	Stand-Off	1	1.00	0.000	100.00	3.000	1.00	142.17	4.355	1.00
Totals	Num Loadings: 43	126			18,575.20			41,392.69		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	168.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	168.00	4	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	158.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	158.00	1	1.58" (40.1mm) Hybrid	1.58	1.61	N	0	0	0	0	0	N	VERIZON WIREL
0.00	148.00	12	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	T-MOBILE
0.00	148.00	1	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	T-MOBILE
0.00	138.00	2	2" Carflex Non-Metall	2.36	0.68	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	124.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS
0.00	108.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	VERIZON WIREL
0.00	97.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	SPRINT NEXTEL

SEGMENT PROPERTIES

(Max Len: 5.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.5000	56.910	89.519	35,990.10	18.31	113.82	79.9	1245.6	0.0	0.0
5.00		0.5000	55.875	87.877	34,045.10	17.94	111.75	80.3	1200.1	0.0	1,509.1
10.00		0.5000	54.840	86.234	32,171.50	17.58	109.68	80.7	1155.5	0.0	1,481.2
12.00		0.5000	54.426	85.577	31,441.70	17.43	108.85	80.9	1137.8	0.0	584.6
15.00		0.5000	53.805	84.592	30,367.90	17.21	107.61	81.2	1111.7	0.0	868.6
20.00		0.5000	52.770	82.949	28,633.10	16.85	105.54	81.6	1068.7	0.0	1,425.3
25.00		0.5000	51.735	81.307	26,965.50	16.48	103.47	82	1026.6	0.0	1,397.3
30.00		0.5000	50.700	79.664	25,364.10	16.12	101.40	82.4	985.4	0.0	1,369.4
35.00		0.5000	49.665	78.022	23,827.30	15.75	99.33	82.6	944.9	0.0	1,341.4
40.00		0.5000	48.630	76.379	22,353.90	15.39	97.26	82.6	905.4	0.0	1,313.5
42.75	Bot - Section 2	0.5000	48.060	75.476	21,570.00	15.19	96.12	82.6	884.0	0.0	710.5
45.00		0.5000	47.595	74.736	20,942.50	15.02	95.19	82.6	866.7	0.0	1,051.2
49.00	Top - Section 1	0.4063	47.579	60.832	17,102.90	18.89	117.10	79.2	708.0	0.0	1,843.6
50.00		0.4063	47.372	60.565	16,878.70	18.80	116.59	79.3	701.8	0.0	206.5
55.00		0.4063	46.337	59.230	15,787.20	18.35	114.05	79.8	671.1	0.0	1,019.1
60.00		0.4063	45.302	57.895	14,743.80	17.90	111.50	80.4	641.0	0.0	996.4
65.00		0.4063	44.267	56.561	13,747.40	17.45	108.95	80.9	611.7	0.0	973.7
70.00		0.4063	43.232	55.226	12,796.90	17.00	106.40	81.4	583.0	0.0	951.0
75.00		0.4063	42.197	53.891	11,891.30	16.55	103.86	81.9	555.0	0.0	928.3
80.00		0.4063	41.162	52.556	11,029.50	16.10	101.31	82.5	527.8	0.0	905.5
85.00		0.4063	40.127	51.222	10,210.30	15.65	98.76	82.6	501.2	0.0	882.8
87.00	Bot - Section 3	0.4063	39.713	50.688	9,894.30	15.47	97.74	82.6	490.7	0.0	346.8
88.00		0.4063	39.506	50.421	9,738.80	15.38	97.23	82.6	485.5	0.0	320.4
88.50		0.4063	39.402	50.287	9,661.70	15.34	96.98	82.6	483.0	0.0	159.6
90.00		0.4063	39.092	49.887	9,432.70	15.20	96.21	82.6	475.3	0.0	476.2
92.00	Top - Section 2	0.3438	39.365	42.580	8,191.60	18.43	114.50	79.7	409.9	0.0	629.0
95.00		0.3438	38.744	41.902	7,806.60	18.11	112.69	80.1	396.9	0.0	431.2
97.00		0.3438	38.330	41.450	7,556.90	17.90	111.49	80.4	388.3	0.0	283.6
100.00		0.3438	37.709	40.773	7,192.20	17.58	109.68	80.7	375.7	0.0	419.7
105.00		0.3438	36.674	39.643	6,611.00	17.05	106.67	81.4	355.0	0.0	684.1
108.00		0.3438	36.053	38.966	6,277.70	16.73	104.87	81.7	343.0	0.0	401.2
110.00		0.3438	35.639	38.514	6,061.90	16.52	103.66	82	335.0	0.0	263.6
115.00		0.3438	34.604	37.384	5,544.10	15.98	100.65	82.6	315.6	0.0	645.7
120.00		0.3438	33.569	36.255	5,056.60	15.45	97.64	82.6	296.7	0.0	626.4
124.00		0.3438	32.741	35.351	4,687.90	15.03	95.23	82.6	282.0	0.0	487.3
125.00		0.3438	32.534	35.126	4,598.60	14.92	94.63	82.6	278.4	0.0	119.9
130.00		0.3438	31.499	33.996	4,169.10	14.39	91.62	82.6	260.7	0.0	588.0
132.00	Bot - Section 4	0.3438	31.085	33.544	4,005.10	14.18	90.42	82.6	253.8	0.0	229.8
135.00		0.3438	30.464	32.867	3,767.30	13.86	88.61	82.6	243.6	0.0	558.7
136.00	Top - Section 3	0.2188	30.695	21.164	2,483.50	22.97	140.29	74.4	159.4	0.0	183.7
137.00		0.2188	30.488	21.020	2,433.20	22.81	139.34	74.6	157.2	0.0	71.8
140.00		0.2188	29.867	20.589	2,286.50	22.31	136.50	75.2	150.8	0.0	212.4
145.00		0.2188	28.832	19.870	2,055.30	21.47	131.77	76.1	140.4	0.0	344.2
147.00		0.2188	28.418	19.583	1,967.40	21.14	129.88	76.5	136.4	0.0	134.2
148.00		0.2188	28.211	19.439	1,924.30	20.97	128.93	76.7	134.4	0.0	66.4
150.00		0.2188	27.797	19.151	1,840.20	20.64	127.04	77.1	130.4	0.0	131.3
155.00		0.2188	26.761	18.432	1,640.70	19.80	122.31	78.1	120.8	0.0	319.7
158.00		0.2188	26.140	18.001	1,528.20	19.30	119.47	78.7	115.1	0.0	186.0
160.00		0.2188	25.726	17.714	1,456.10	18.97	117.58	79.1	111.5	0.0	121.5
165.00		0.2188	24.691	16.995	1,286.00	18.14	112.85	80.1	102.6	0.0	295.3
168.00		0.2188	24.070	16.564	1,190.50	17.63	110.01	80.7	97.4	0.0	171.3
170.00		0.2188	23.656	16.276	1,129.60	17.30	108.12	81.1	94.1	0.0	111.7
175.00		0.2188	22.621	15.557	986.50	16.47	103.39	82	85.9	0.0	270.8
178.00		0.2188	22.000	15.126	906.70	15.97	100.55	82.6	81.2	0.0	156.6
									Totals:		32,207.1

Load Case: 1.2D + 1.0W Normal 119 mph wind with no ice 27 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

CALCULATED FORCES

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 (deg)	Ratio
0.00	-68.38	-44.23	0.00	-5,772.2	0.00	5,772.24	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.785
5.00	-66.14	-43.86	0.00	-5,551.1	0.00	5,551.11	6,350.74	1,542.24	7,713.96	7,227.49	0.12	-0.22	0.779
10.00	-63.99	-43.60	0.00	-5,331.8	0.00	5,331.83	6,265.35	1,513.41	7,428.32	6,995.84	0.48	-0.45	0.773
12.00	-62.98	-43.31	0.00	-5,244.6	0.00	5,244.64	6,230.84	1,501.88	7,315.57	6,903.82	0.69	-0.54	0.771
15.00	-61.65	-43.02	0.00	-5,114.7	0.00	5,114.72	6,178.70	1,484.59	7,148.07	6,766.48	1.07	-0.69	0.767
20.00	-59.52	-42.66	0.00	-4,899.6	0.00	4,899.62	6,090.77	1,455.76	6,873.21	6,539.47	1.92	-0.92	0.760
25.00	-57.43	-42.30	0.00	-4,686.3	0.00	4,686.33	6,001.58	1,426.93	6,603.74	6,314.89	3.01	-1.16	0.753
30.00	-55.37	-41.93	0.00	-4,474.9	0.00	4,474.86	5,911.12	1,398.11	6,339.66	6,092.84	4.35	-1.4	0.745
35.00	-53.34	-41.54	0.00	-4,265.2	0.00	4,265.22	5,796.61	1,369.28	6,080.96	5,850.41	5.95	-1.64	0.739
40.00	-51.39	-41.22	0.00	-4,057.5	0.00	4,057.51	5,674.58	1,340.45	5,827.66	5,605.46	7.8	-1.89	0.734
42.75	-50.32	-41.01	0.00	-3,944.2	0.00	3,944.17	5,607.46	1,324.60	5,690.63	5,472.97	8.93	-2.03	0.731
45.00	-48.84	-40.73	0.00	-3,851.9	0.00	3,851.91	5,552.55	1,311.63	5,579.74	5,365.75	9.92	-2.15	0.728
49.00	-46.35	-40.44	0.00	-3,689.0	0.00	3,689.01	4,335.44	1,067.60	4,548.90	4,204.89	11.81	-2.35	0.889
50.00	-45.94	-40.22	0.00	-3,648.6	0.00	3,648.57	4,322.18	1,062.91	4,509.07	4,173.47	12.31	-2.41	0.886
55.00	-44.29	-39.79	0.00	-3,447.5	0.00	3,447.50	4,255.09	1,039.49	4,312.54	4,017.36	14.99	-2.71	0.870
60.00	-42.66	-39.36	0.00	-3,248.6	0.00	3,248.55	4,186.73	1,016.06	4,120.39	3,862.97	17.98	-3.01	0.853
65.00	-41.07	-38.91	0.00	-3,051.8	0.00	3,051.77	4,117.10	992.64	3,932.62	3,710.36	21.29	-3.31	0.834
70.00	-39.51	-38.45	0.00	-2,857.2	0.00	2,857.23	4,046.20	969.21	3,749.23	3,559.63	24.92	-3.62	0.814
75.00	-37.98	-37.99	0.00	-2,665.0	0.00	2,664.96	3,974.03	945.79	3,570.22	3,410.85	28.87	-3.92	0.792
80.00	-36.48	-37.52	0.00	-2,475.0	0.00	2,475.02	3,900.60	922.36	3,395.59	3,264.10	33.14	-4.23	0.769
85.00	-35.07	-37.15	0.00	-2,287.4	0.00	2,287.43	3,805.51	898.94	3,225.33	3,102.86	37.73	-4.54	0.748
87.00	-34.51	-37.00	0.00	-2,213.1	0.00	2,213.12	3,765.85	889.57	3,158.45	3,038.19	39.66	-4.66	0.739
88.00	-33.94	-36.76	0.00	-2,176.1	0.00	2,176.13	3,746.02	884.89	3,125.28	3,006.11	40.64	-4.73	0.735
88.50	-33.68	-36.62	0.00	-2,157.8	0.00	2,157.75	3,736.10	882.54	3,108.76	2,990.14	41.14	-4.76	0.732
90.00	-32.99	-36.43	0.00	-2,102.8	0.00	2,102.82	3,706.35	875.52	3,059.45	2,942.46	42.65	-4.85	0.725
92.00	-32.06	-36.16	0.00	-2,030.0	0.00	2,029.96	3,055.31	747.27	2,633.87	2,450.78	44.71	-4.98	0.841
95.00	-31.32	-35.91	0.00	-1,921.5	0.00	1,921.48	3,020.81	735.38	2,550.71	2,384.21	47.89	-5.16	0.819
97.00	-30.68	-35.49	0.00	-1,849.6	0.00	1,849.65	2,997.56	727.45	2,496.01	2,340.12	50.08	-5.3	0.803
100.00	-29.91	-35.13	0.00	-1,743.2	0.00	1,743.19	2,962.30	715.56	2,415.08	2,274.45	53.47	-5.5	0.779
105.00	-28.73	-34.72	0.00	-1,567.5	0.00	1,567.54	2,902.52	695.74	2,283.15	2,166.26	59.4	-5.83	0.736
108.00	-28.02	-34.42	0.00	-1,463.4	0.00	1,463.38	2,866.04	683.85	2,205.78	2,102.12	63.12	-6.03	0.708
110.00	-27.41	-33.96	0.00	-1,394.5	0.00	1,394.53	2,841.47	675.92	2,154.93	2,059.71	65.67	-6.15	0.689
115.00	-26.28	-33.47	0.00	-1,224.7	0.00	1,224.74	2,777.47	656.10	2,030.42	1,953.71	72.27	-6.46	0.639
120.00	-25.18	-33.01	0.00	-1,057.4	0.00	1,057.41	2,693.56	636.27	1,909.61	1,836.87	79.18	-6.75	0.588
124.00	-21.03	-29.00	0.00	-925.4	0.00	925.40	2,626.43	620.42	1,815.63	1,746.00	84.92	-6.98	0.540
125.00	-20.79	-28.74	0.00	-896.4	0.00	896.40	2,609.65	616.45	1,792.50	1,723.64	86.39	-7.03	0.530
130.00	-19.82	-28.34	0.00	-752.7	0.00	752.70	2,525.74	596.63	1,679.10	1,614.02	93.87	-7.29	0.476
132.00	-19.42	-28.09	0.00	-696.0	0.00	696.02	2,492.18	588.70	1,634.78	1,571.17	96.94	-7.39	0.453
135.00	-18.60	-27.83	0.00	-611.8	0.00	611.75	2,441.83	576.81	1,569.41	1,507.99	101.61	-7.53	0.416
136.00	-18.32	-27.71	0.00	-583.9	0.00	583.92	1,416.76	371.43	1,022.39	888.99	103.19	-7.57	0.675
137.00	-14.14	-22.33	0.00	-556.2	0.00	556.21	1,410.85	368.90	1,008.55	879.23	104.78	-7.62	0.646
140.00	-13.75	-21.97	0.00	-489.2	0.00	489.22	1,392.81	361.33	967.59	850.05	109.61	-7.8	0.589
145.00	-13.16	-21.61	0.00	-379.4	0.00	379.38	1,361.73	348.72	901.22	801.85	117.9	-8.07	0.487
147.00	-10.31	-18.79	0.00	-336.2	0.00	336.16	1,348.94	343.67	875.33	782.74	121.29	-8.17	0.440
148.00	-9.63	-16.48	0.00	-317.4	0.00	317.37	1,342.47	341.15	862.53	773.23	123	-8.22	0.420
150.00	-9.44	-16.17	0.00	-284.4	0.00	284.41	1,329.38	336.10	837.20	754.27	126.45	-8.3	0.386
155.00	-8.98	-15.78	0.00	-203.6	0.00	203.55	1,295.76	323.49	775.55	707.39	135.22	-8.49	0.297
158.00	-7.82	-12.55	0.00	-152.2	0.00	152.24	1,274.98	315.92	739.68	679.62	140.57	-8.59	0.232
160.00	-5.64	-9.70	0.00	-127.1	0.00	127.14	1,260.87	310.88	716.25	661.28	144.17	-8.64	0.198
165.00	-5.28	-9.33	0.00	-78.6	0.00	78.63	1,224.71	298.26	659.31	616.03	153.24	-8.74	0.133
168.00	-2.04	-4.24	0.00	-44.1	0.00	44.12	1,202.41	290.69	626.27	589.33	158.72	-8.78	0.077
170.00	-1.94	-4.00	0.00	-35.6	0.00	35.63	1,187.28	285.65	604.72	571.72	162.39	-8.8	0.064
175.00	-1.66	-3.69	0.00	-15.6	0.00	15.65	1,148.59	273.03	552.50	528.44	171.59	-8.83	0.031
178.00	0.00	-3.39	0.00	-4.6	0.00	4.58	1,123.79	265.46	522.30	502.56	177.12	-8.84	0.009

Load Case: 0.9D + 1.0W Normal 119 mph wind with no ice 27 Iterations
Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

CALCULATED FORCES

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 (deg)	Ratio
0.00	-51.26	-44.19	0.00	-5,674.0	0.00	5,674.00	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.769
5.00	-49.55	-43.76	0.00	-5,453.0	0.00	5,453.05	6,350.74	1,542.24	7,713.96	7,227.49	0.12	-0.22	0.763
10.00	-47.91	-43.45	0.00	-5,234.3	0.00	5,234.28	6,265.35	1,513.41	7,428.32	6,995.84	0.47	-0.44	0.757
12.00	-47.13	-43.13	0.00	-5,147.4	0.00	5,147.39	6,230.84	1,501.88	7,315.57	6,903.82	0.67	-0.53	0.754
15.00	-46.10	-42.79	0.00	-5,018.0	0.00	5,018.01	6,178.70	1,484.59	7,148.07	6,766.48	1.05	-0.67	0.750
20.00	-44.47	-42.37	0.00	-4,804.0	0.00	4,804.05	6,090.77	1,455.76	6,873.21	6,539.47	1.88	-0.9	0.743
25.00	-42.86	-41.95	0.00	-4,592.2	0.00	4,592.21	6,001.58	1,426.93	6,603.74	6,314.89	2.95	-1.14	0.735
30.00	-41.28	-41.53	0.00	-4,382.5	0.00	4,382.46	5,911.12	1,398.11	6,339.66	6,092.84	4.27	-1.37	0.727
35.00	-39.72	-41.10	0.00	-4,174.8	0.00	4,174.80	5,796.61	1,369.28	6,080.96	5,850.41	5.84	-1.61	0.721
40.00	-38.23	-40.74	0.00	-3,969.3	0.00	3,969.32	5,674.58	1,340.45	5,827.66	5,605.46	7.66	-1.86	0.716
42.75	-37.41	-40.51	0.00	-3,857.3	0.00	3,857.29	5,607.46	1,324.60	5,690.63	5,472.97	8.77	-1.99	0.712
45.00	-36.28	-40.20	0.00	-3,766.2	0.00	3,766.15	5,552.55	1,311.63	5,579.74	5,365.75	9.73	-2.11	0.709
49.00	-34.40	-39.91	0.00	-3,605.4	0.00	3,605.35	4,335.44	1,067.60	4,548.90	4,204.89	11.58	-2.31	0.867
50.00	-34.07	-39.65	0.00	-3,565.4	0.00	3,565.44	4,322.18	1,062.91	4,509.07	4,173.47	12.07	-2.36	0.864
55.00	-32.79	-39.18	0.00	-3,367.2	0.00	3,367.18	4,255.09	1,039.49	4,312.54	4,017.36	14.7	-2.65	0.847
60.00	-31.53	-38.70	0.00	-3,171.3	0.00	3,171.28	4,186.73	1,016.06	4,120.39	3,862.97	17.63	-2.94	0.830
65.00	-30.30	-38.22	0.00	-2,977.8	0.00	2,977.77	4,117.10	992.64	3,932.62	3,710.36	20.87	-3.24	0.811
70.00	-29.10	-37.72	0.00	-2,786.7	0.00	2,786.70	4,046.20	969.21	3,749.23	3,559.63	24.42	-3.54	0.792
75.00	-27.92	-37.22	0.00	-2,598.1	0.00	2,598.09	3,974.03	945.79	3,570.22	3,410.85	28.29	-3.84	0.770
80.00	-26.76	-36.72	0.00	-2,412.0	0.00	2,411.97	3,900.60	922.36	3,395.59	3,264.10	32.47	-4.14	0.747
85.00	-25.68	-36.35	0.00	-2,228.4	0.00	2,228.35	3,805.51	898.94	3,225.33	3,102.86	36.96	-4.44	0.727
87.00	-25.25	-36.19	0.00	-2,155.7	0.00	2,155.66	3,765.85	889.57	3,158.45	3,038.19	38.84	-4.56	0.718
88.00	-24.82	-35.95	0.00	-2,119.5	0.00	2,119.48	3,746.02	884.89	3,125.28	3,006.11	39.8	-4.62	0.713
88.50	-24.63	-35.81	0.00	-2,101.5	0.00	2,101.50	3,736.10	882.54	3,108.76	2,990.14	40.29	-4.65	0.711
90.00	-24.09	-35.61	0.00	-2,047.8	0.00	2,047.79	3,706.35	875.52	3,059.45	2,942.46	41.76	-4.74	0.704
92.00	-23.38	-35.34	0.00	-1,976.6	0.00	1,976.57	3,055.31	747.27	2,633.87	2,450.78	43.78	-4.87	0.816
95.00	-22.81	-35.08	0.00	-1,870.6	0.00	1,870.55	3,020.81	735.38	2,550.71	2,384.21	46.89	-5.04	0.794
97.00	-22.32	-34.64	0.00	-1,800.4	0.00	1,800.40	2,997.56	727.45	2,496.01	2,340.12	49.03	-5.18	0.779
100.00	-21.72	-34.26	0.00	-1,696.5	0.00	1,696.47	2,962.30	715.56	2,415.08	2,274.45	52.34	-5.38	0.756
105.00	-20.81	-33.84	0.00	-1,525.2	0.00	1,525.17	2,902.52	695.74	2,283.15	2,166.26	58.14	-5.69	0.714
108.00	-20.27	-33.54	0.00	-1,423.6	0.00	1,423.65	2,866.04	683.85	2,205.78	2,102.12	61.77	-5.89	0.687
110.00	-19.80	-33.06	0.00	-1,356.6	0.00	1,356.58	2,841.47	675.92	2,154.93	2,059.71	64.26	-6.01	0.668
115.00	-18.92	-32.55	0.00	-1,191.3	0.00	1,191.30	2,777.47	656.10	2,030.42	1,953.71	70.7	-6.31	0.619
120.00	-18.09	-32.09	0.00	-1,028.5	0.00	1,028.54	2,693.56	636.27	1,909.61	1,836.87	77.45	-6.59	0.569
124.00	-15.05	-28.21	0.00	-900.2	0.00	900.19	2,626.43	620.42	1,815.63	1,746.00	83.06	-6.81	0.523
125.00	-14.87	-27.94	0.00	-872.0	0.00	871.98	2,609.65	616.45	1,792.50	1,723.64	84.49	-6.87	0.514
130.00	-14.13	-27.55	0.00	-732.3	0.00	732.28	2,525.74	596.63	1,679.10	1,614.02	91.8	-7.11	0.461
132.00	-13.83	-27.31	0.00	-677.2	0.00	677.18	2,492.18	588.70	1,634.78	1,571.17	94.79	-7.21	0.439
135.00	-13.21	-27.06	0.00	-595.3	0.00	595.26	2,441.83	576.81	1,569.41	1,507.99	99.36	-7.35	0.402
136.00	-13.00	-26.95	0.00	-568.2	0.00	568.20	1,416.76	371.43	1,022.39	888.99	100.9	-7.39	0.654
137.00	-10.00	-21.73	0.00	-541.2	0.00	541.25	1,410.85	368.90	1,008.55	879.23	102.45	-7.43	0.626
140.00	-9.70	-21.36	0.00	-476.1	0.00	476.07	1,392.81	361.33	967.59	850.05	107.16	-7.61	0.571
145.00	-9.25	-21.01	0.00	-369.3	0.00	369.27	1,361.73	348.72	901.22	801.85	115.25	-7.87	0.471
147.00	-7.19	-18.31	0.00	-327.2	0.00	327.25	1,348.94	343.67	875.33	782.74	118.56	-7.97	0.426
148.00	-6.74	-16.03	0.00	-308.9	0.00	308.94	1,342.47	341.15	862.53	773.23	120.23	-8.02	0.407
150.00	-6.60	-15.72	0.00	-276.9	0.00	276.88	1,329.38	336.10	837.20	754.27	123.6	-8.1	0.374
155.00	-6.26	-15.34	0.00	-198.3	0.00	198.27	1,295.76	323.49	775.55	707.39	132.16	-8.29	0.287
158.00	-5.49	-12.17	0.00	-148.3	0.00	148.28	1,274.98	315.92	739.68	679.62	137.38	-8.38	0.224
160.00	-3.94	-9.42	0.00	-123.9	0.00	123.94	1,260.87	310.88	716.25	661.28	140.89	-8.43	0.191
165.00	-3.67	-9.06	0.00	-76.8	0.00	76.84	1,224.71	298.26	659.31	616.03	149.74	-8.53	0.129
168.00	-1.40	-4.14	0.00	-43.1	0.00	43.13	1,202.41	290.69	626.27	589.33	155.09	-8.57	0.075
170.00	-1.33	-3.89	0.00	-34.9	0.00	34.86	1,187.28	285.65	604.72	571.72	158.67	-8.59	0.062
175.00	-1.13	-3.60	0.00	-15.4	0.00	15.39	1,148.59	273.03	552.50	528.44	167.65	-8.62	0.030
178.00	0.00	-3.39	0.00	-4.6	0.00	4.58	1,123.79	265.46	522.30	502.56	173.05	-8.63	0.009

Load Case: 1.2D + 1.0Di + 1.0Wi Normal		50 mph wind with 1.5" radial ice			27 Iterations
Gust Response Factor:	1.10	Ice Dead Load Factor	1.00		
Dead load Factor:	1.20			Ice Importance Factor	1.00
Wind Load Factor:	1.00				

CALCULATED FORCES

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 (deg)	Ratio
0.00	-104.63	-12.49	0.00	-1,679.2	0.00	1,679.15	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.241
5.00	-102.08	-12.42	0.00	-1,616.7	0.00	1,616.69	6,350.74	1,542.24	7,713.96	7,227.49	0.03	-0.07	0.240
10.00	-99.53	-12.36	0.00	-1,554.6	0.00	1,554.60	6,265.35	1,513.41	7,428.32	6,995.84	0.14	-0.13	0.238
12.00	-98.36	-12.30	0.00	-1,529.9	0.00	1,529.88	6,230.84	1,501.88	7,315.57	6,903.82	0.2	-0.16	0.237
15.00	-96.83	-12.24	0.00	-1,493.0	0.00	1,492.98	6,178.70	1,484.59	7,148.07	6,766.48	0.31	-0.2	0.236
20.00	-94.32	-12.17	0.00	-1,431.8	0.00	1,431.78	6,090.77	1,455.76	6,873.21	6,539.47	0.56	-0.27	0.234
25.00	-91.84	-12.09	0.00	-1,371.0	0.00	1,370.95	6,001.58	1,426.93	6,603.74	6,314.89	0.88	-0.34	0.232
30.00	-89.39	-12.01	0.00	-1,310.5	0.00	1,310.50	5,911.12	1,398.11	6,339.66	6,092.84	1.27	-0.41	0.230
35.00	-86.98	-11.93	0.00	-1,250.4	0.00	1,250.44	5,796.61	1,369.28	6,080.96	5,850.41	1.73	-0.48	0.229
40.00	-84.60	-11.85	0.00	-1,190.8	0.00	1,190.80	5,674.58	1,340.45	5,827.66	5,605.46	2.28	-0.55	0.227
42.75	-83.31	-11.81	0.00	-1,158.2	0.00	1,158.21	5,607.46	1,324.60	5,690.63	5,472.97	2.61	-0.59	0.227
45.00	-81.69	-11.74	0.00	-1,131.6	0.00	1,131.65	5,552.55	1,311.63	5,579.74	5,365.75	2.9	-0.63	0.226
49.00	-78.84	-11.67	0.00	-1,084.7	0.00	1,084.69	4,335.44	1,067.60	4,548.90	4,204.89	3.45	-0.69	0.276
50.00	-78.43	-11.62	0.00	-1,073.0	0.00	1,073.02	4,322.18	1,062.91	4,509.07	4,173.47	3.59	-0.7	0.275
55.00	-76.41	-11.53	0.00	-1,014.9	0.00	1,014.90	4,255.09	1,039.49	4,312.54	4,017.36	4.38	-0.79	0.271
60.00	-74.43	-11.44	0.00	-957.2	0.00	957.24	4,186.73	1,016.06	4,120.39	3,862.97	5.26	-0.88	0.266
65.00	-72.49	-11.33	0.00	-900.1	0.00	900.07	4,117.10	992.64	3,932.62	3,710.36	6.23	-0.97	0.260
70.00	-70.58	-11.23	0.00	-843.4	0.00	843.40	4,046.20	969.21	3,749.23	3,559.63	7.29	-1.06	0.255
75.00	-68.71	-11.12	0.00	-787.3	0.00	787.26	3,974.03	945.79	3,570.22	3,410.85	8.45	-1.15	0.248
80.00	-66.87	-11.01	0.00	-731.7	0.00	731.67	3,900.60	922.36	3,395.59	3,264.10	9.7	-1.24	0.241
85.00	-65.08	-10.91	0.00	-676.6	0.00	676.64	3,805.51	898.94	3,225.33	3,102.86	11.05	-1.33	0.235
87.00	-64.37	-10.87	0.00	-654.8	0.00	654.82	3,765.85	889.57	3,158.45	3,038.19	11.62	-1.37	0.233
88.00	-63.67	-10.81	0.00	-644.0	0.00	643.95	3,746.02	884.89	3,125.28	3,006.11	11.91	-1.39	0.231
88.50	-63.37	-10.77	0.00	-638.5	0.00	638.54	3,736.10	882.54	3,108.76	2,990.14	12.06	-1.4	0.231
90.00	-62.57	-10.72	0.00	-622.4	0.00	622.39	3,706.35	875.52	3,059.45	2,942.46	12.5	-1.43	0.229
92.00	-61.52	-10.66	0.00	-600.9	0.00	600.94	3,055.31	747.27	2,633.87	2,450.78	13.1	-1.46	0.266
95.00	-60.57	-10.59	0.00	-569.0	0.00	568.97	3,020.81	735.38	2,550.71	2,384.21	14.04	-1.52	0.259
97.00	-59.74	-10.49	0.00	-547.8	0.00	547.78	2,997.56	727.45	2,496.01	2,340.12	14.69	-1.56	0.254
100.00	-58.80	-10.40	0.00	-516.3	0.00	516.32	2,962.30	715.56	2,415.08	2,274.45	15.68	-1.62	0.247
105.00	-57.28	-10.29	0.00	-464.3	0.00	464.33	2,902.52	695.74	2,283.15	2,166.26	17.43	-1.72	0.234
108.00	-56.34	-10.21	0.00	-433.4	0.00	433.44	2,866.04	683.85	2,205.78	2,102.12	18.53	-1.77	0.226
110.00	-55.58	-10.10	0.00	-413.0	0.00	413.02	2,841.47	675.92	2,154.93	2,059.71	19.28	-1.81	0.220
115.00	-54.12	-9.97	0.00	-362.5	0.00	362.54	2,777.47	656.10	2,030.42	1,953.71	21.23	-1.9	0.205
120.00	-52.70	-9.84	0.00	-312.7	0.00	312.72	2,693.56	636.27	1,909.61	1,836.87	23.27	-1.99	0.190
124.00	-45.12	-8.68	0.00	-273.4	0.00	273.37	2,626.43	620.42	1,815.63	1,746.00	24.96	-2.06	0.174
125.00	-44.84	-8.61	0.00	-264.7	0.00	264.69	2,609.65	616.45	1,792.50	1,723.64	25.39	-2.07	0.171
130.00	-43.51	-8.49	0.00	-221.6	0.00	221.63	2,525.74	596.63	1,679.10	1,614.02	27.6	-2.15	0.155
132.00	-42.98	-8.42	0.00	-204.6	0.00	204.65	2,492.18	588.70	1,634.78	1,571.17	28.51	-2.18	0.148
135.00	-41.94	-8.34	0.00	-179.4	0.00	179.40	2,441.83	576.81	1,569.41	1,507.99	29.89	-2.22	0.136
136.00	-41.59	-8.30	0.00	-171.1	0.00	171.06	1,416.76	371.43	1,022.39	888.99	30.35	-2.23	0.222
137.00	-32.38	-6.69	0.00	-162.8	0.00	162.76	1,410.85	368.90	1,008.55	879.23	30.82	-2.24	0.208
140.00	-31.80	-6.58	0.00	-142.7	0.00	142.70	1,392.81	361.33	967.59	850.05	32.25	-2.3	0.191
145.00	-30.86	-6.47	0.00	-109.8	0.00	109.79	1,361.73	348.72	901.22	801.85	34.7	-2.37	0.160
147.00	-26.25	-5.43	0.00	-96.9	0.00	96.86	1,348.94	343.67	875.33	782.74	35.7	-2.4	0.143
148.00	-23.55	-4.82	0.00	-91.4	0.00	91.43	1,342.47	341.15	862.53	773.23	36.2	-2.42	0.136
150.00	-23.22	-4.72	0.00	-81.8	0.00	81.78	1,329.38	336.10	837.20	754.27	37.22	-2.44	0.126
155.00	-22.40	-4.59	0.00	-58.2	0.00	58.16	1,295.76	323.49	775.55	707.39	39.81	-2.5	0.100
158.00	-17.98	-3.74	0.00	-43.6	0.00	43.58	1,274.98	315.92	739.68	679.62	41.39	-2.52	0.078
160.00	-13.97	-2.87	0.00	-36.1	0.00	36.10	1,260.87	310.88	716.25	661.28	42.45	-2.54	0.066
165.00	-13.25	-2.74	0.00	-21.7	0.00	21.74	1,224.71	298.26	659.31	616.03	45.12	-2.57	0.046
168.00	-5.87	-1.23	0.00	-12.0	0.00	11.97	1,202.41	290.69	626.27	589.33	46.74	-2.58	0.025
170.00	-5.62	-1.14	0.00	-9.5	0.00	9.51	1,187.28	285.65	604.72	571.72	47.82	-2.58	0.021
175.00	-5.01	-1.02	0.00	-3.8	0.00	3.81	1,148.59	273.03	552.50	528.44	50.53	-2.59	0.012
178.00	0.00	-0.79	0.00	-0.8	0.00	0.76	1,123.79	265.46	522.30	502.56	52.16	-2.59	0.002

Load Case: 1.0D + 1.0W Service Normal 60 mph Wind with No Ice 26 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

CALCULATED FORCES

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 (deg)	Ratio
0.00	-57.05	-10.05	0.00	-1,301.9	0.00	1,301.91	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.183
5.00	-55.32	-9.96	0.00	-1,251.6	0.00	1,251.64	6,350.74	1,542.24	7,713.96	7,227.49	0.03	-0.05	0.182
10.00	-53.62	-9.89	0.00	-1,201.8	0.00	1,201.84	6,265.35	1,513.41	7,428.32	6,995.84	0.11	-0.1	0.180
12.00	-52.85	-9.82	0.00	-1,182.0	0.00	1,182.05	6,230.84	1,501.88	7,315.57	6,903.82	0.15	-0.12	0.180
15.00	-51.85	-9.75	0.00	-1,152.6	0.00	1,152.58	6,178.70	1,484.59	7,148.07	6,766.48	0.24	-0.15	0.179
20.00	-50.20	-9.66	0.00	-1,103.8	0.00	1,103.82	6,090.77	1,455.76	6,873.21	6,539.47	0.43	-0.21	0.177
25.00	-48.59	-9.57	0.00	-1,055.5	0.00	1,055.52	6,001.58	1,426.93	6,603.74	6,314.89	0.68	-0.26	0.175
30.00	-47.00	-9.48	0.00	-1,007.7	0.00	1,007.67	5,911.12	1,398.11	6,339.66	6,092.84	0.98	-0.32	0.173
35.00	-45.44	-9.39	0.00	-960.3	0.00	960.27	5,796.61	1,369.28	6,080.96	5,850.41	1.34	-0.37	0.172
40.00	-43.91	-9.31	0.00	-913.3	0.00	913.34	5,674.58	1,340.45	5,827.66	5,605.46	1.76	-0.43	0.171
42.75	-43.08	-9.26	0.00	-887.7	0.00	887.74	5,607.46	1,324.60	5,690.63	5,472.97	2.01	-0.46	0.170
45.00	-41.93	-9.19	0.00	-866.9	0.00	866.91	5,552.55	1,311.63	5,579.74	5,365.75	2.24	-0.48	0.169
49.00	-39.91	-9.13	0.00	-830.2	0.00	830.15	4,335.44	1,067.60	4,548.90	4,204.89	2.66	-0.53	0.207
50.00	-39.66	-9.07	0.00	-821.0	0.00	821.02	4,322.18	1,062.91	4,509.07	4,173.47	2.77	-0.54	0.206
55.00	-38.42	-8.97	0.00	-775.7	0.00	775.67	4,255.09	1,039.49	4,312.54	4,017.36	3.38	-0.61	0.202
60.00	-37.20	-8.87	0.00	-730.8	0.00	730.83	4,186.73	1,016.06	4,120.39	3,862.97	4.05	-0.68	0.198
65.00	-36.01	-8.76	0.00	-686.5	0.00	686.50	4,117.10	992.64	3,932.62	3,710.36	4.8	-0.75	0.194
70.00	-34.84	-8.65	0.00	-642.7	0.00	642.70	4,046.20	969.21	3,749.23	3,559.63	5.62	-0.81	0.189
75.00	-33.69	-8.55	0.00	-599.4	0.00	599.43	3,974.03	945.79	3,570.22	3,410.85	6.51	-0.88	0.184
80.00	-32.57	-8.44	0.00	-556.7	0.00	556.71	3,900.60	922.36	3,395.59	3,264.10	7.47	-0.95	0.179
85.00	-31.47	-8.35	0.00	-514.5	0.00	514.53	3,805.51	898.94	3,225.33	3,102.86	8.5	-1.02	0.174
87.00	-31.03	-8.32	0.00	-497.8	0.00	497.82	3,765.85	889.57	3,158.45	3,038.19	8.94	-1.05	0.172
88.00	-30.57	-8.26	0.00	-489.5	0.00	489.50	3,746.02	884.89	3,125.28	3,006.11	9.16	-1.06	0.171
88.50	-30.38	-8.23	0.00	-485.4	0.00	485.37	3,736.10	882.54	3,108.76	2,990.14	9.27	-1.07	0.171
90.00	-29.84	-8.19	0.00	-473.0	0.00	473.02	3,706.35	875.52	3,059.45	2,942.46	9.61	-1.09	0.169
92.00	-29.12	-8.13	0.00	-456.6	0.00	456.64	3,055.31	747.27	2,633.87	2,450.78	10.07	-1.12	0.196
95.00	-28.56	-8.07	0.00	-432.2	0.00	432.25	3,020.81	735.38	2,550.71	2,384.21	10.79	-1.16	0.191
97.00	-28.08	-7.98	0.00	-416.1	0.00	416.10	2,997.56	727.45	2,496.01	2,340.12	11.28	-1.19	0.187
100.00	-27.53	-7.89	0.00	-392.2	0.00	392.17	2,962.30	715.56	2,415.08	2,274.45	12.05	-1.24	0.182
105.00	-26.63	-7.80	0.00	-352.7	0.00	352.70	2,902.52	695.74	2,283.15	2,166.26	13.39	-1.31	0.172
108.00	-26.09	-7.74	0.00	-329.3	0.00	329.30	2,866.04	683.85	2,205.78	2,102.12	14.22	-1.36	0.166
110.00	-25.64	-7.63	0.00	-313.8	0.00	313.83	2,841.47	675.92	2,154.93	2,059.71	14.8	-1.39	0.162
115.00	-24.78	-7.52	0.00	-275.7	0.00	275.68	2,777.47	656.10	2,030.42	1,953.71	16.29	-1.45	0.150
120.00	-23.94	-7.42	0.00	-238.1	0.00	238.09	2,693.56	636.27	1,909.61	1,836.87	17.85	-1.52	0.139
124.00	-20.17	-6.52	0.00	-208.4	0.00	208.42	2,626.43	620.42	1,815.63	1,746.00	19.14	-1.57	0.127
125.00	-20.01	-6.46	0.00	-201.9	0.00	201.90	2,609.65	616.45	1,792.50	1,723.64	19.47	-1.58	0.125
130.00	-19.22	-6.37	0.00	-169.6	0.00	169.59	2,525.74	596.63	1,679.10	1,614.02	21.16	-1.64	0.113
132.00	-18.91	-6.32	0.00	-156.8	0.00	156.85	2,492.18	588.70	1,634.78	1,571.17	21.85	-1.66	0.108
135.00	-18.23	-6.26	0.00	-137.9	0.00	137.89	2,441.83	576.81	1,569.41	1,507.99	22.91	-1.69	0.099
136.00	-18.01	-6.24	0.00	-131.6	0.00	131.63	1,416.76	371.43	1,022.39	888.99	23.26	-1.7	0.161
137.00	-14.03	-5.03	0.00	-125.4	0.00	125.39	1,410.85	368.90	1,008.55	879.23	23.62	-1.71	0.153
140.00	-13.73	-4.95	0.00	-110.3	0.00	110.30	1,392.81	361.33	967.59	850.05	24.71	-1.76	0.140
145.00	-13.25	-4.87	0.00	-85.6	0.00	85.57	1,361.73	348.72	901.22	801.85	26.59	-1.82	0.117
147.00	-10.61	-4.24	0.00	-75.8	0.00	75.83	1,348.94	343.67	875.33	782.74	27.35	-1.84	0.105
148.00	-9.80	-3.71	0.00	-71.6	0.00	71.59	1,342.47	341.15	862.53	773.23	27.74	-1.85	0.100
150.00	-9.64	-3.65	0.00	-64.2	0.00	64.16	1,329.38	336.10	837.20	754.27	28.52	-1.87	0.092
155.00	-9.24	-3.56	0.00	-45.9	0.00	45.93	1,295.76	323.49	775.55	707.39	30.5	-1.91	0.072
158.00	-7.92	-2.83	0.00	-34.4	0.00	34.36	1,274.98	315.92	739.68	679.62	31.71	-1.93	0.057
160.00	-5.80	-2.19	0.00	-28.7	0.00	28.71	1,260.87	310.88	716.25	661.28	32.52	-1.94	0.048
165.00	-5.46	-2.10	0.00	-17.8	0.00	17.77	1,224.71	298.26	659.31	616.03	34.57	-1.97	0.033
168.00	-2.19	-0.96	0.00	-10.0	0.00	9.98	1,202.41	290.69	626.27	589.33	35.81	-1.98	0.019
170.00	-2.08	-0.90	0.00	-8.1	0.00	8.06	1,187.28	285.65	604.72	571.72	36.64	-1.98	0.016
175.00	-1.81	-0.84	0.00	-3.6	0.00	3.55	1,148.59	273.03	552.50	528.44	38.72	-1.99	0.008
178.00	0.00	-0.77	0.00	-1.0	0.00	1.04	1,123.79	265.46	522.30	502.56	39.97	-1.99	0.002

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.193
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.206
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	3.030
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	57.050 k
Seismic Base Shear (E):	1.710 k

1.2D + 1.0Ev + 1.0Eh Normal **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
53	176.5	157	4,879	0.007	13	194
52	172.5	271	8,058	0.012	21	336
51	169	112	3,192	0.005	8	139
50	166.5	198	5,490	0.008	14	246
49	162.5	340	8,975	0.014	23	422
48	159	139	3,523	0.005	9	173
47	156.5	232	5,690	0.009	15	288
46	152.5	397	9,232	0.014	24	493
45	149	162	3,601	0.005	9	201
44	147.5	93	2,030	0.003	5	116
43	146	188	4,008	0.006	10	233
42	142.5	479	9,720	0.015	25	594
41	138.5	294	5,648	0.008	15	365
40	136.5	111	2,073	0.003	5	138
39	135.5	223	4,098	0.006	11	277
38	133.5	677	12,068	0.018	31	840
37	131	309	5,299	0.008	14	383
36	127.5	785	12,768	0.019	33	975
35	124.5	159	2,471	0.004	6	198
34	122	655	9,743	0.015	25	812
33	117.5	836	11,536	0.017	30	1,037
32	112.5	855	10,818	0.016	28	1,061
31	109	347	4,126	0.006	11	431
30	106.5	527	5,979	0.009	15	654
29	102.5	894	9,392	0.014	24	1,110
28	98.5	546	5,293	0.008	14	677
27	96	368	3,390	0.005	9	457
26	93.5	558	4,874	0.007	13	692
25	91	713	5,906	0.009	15	885
24	89.25	539	4,296	0.006	11	669
23	88.25	181	1,407	0.002	4	224
22	87.5	362	2,775	0.004	7	450
21	86	431	3,188	0.005	8	535
20	82.5	1,093	7,442	0.011	19	1,357

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
19	77.5	1,116	6,704	0.010	17	1,385
18	72.5	1,139	5,986	0.009	15	1,414
17	67.5	1,162	5,292	0.008	14	1,442
16	62.5	1,184	4,626	0.007	12	1,470
15	57.5	1,207	3,991	0.006	10	1,498
14	52.5	1,230	3,389	0.005	9	1,526
13	49.5	249	609	0.001	2	309
12	47	2,012	4,445	0.007	11	2,497
11	43.875	1,146	2,206	0.003	6	1,422
10	41.375	826	1,415	0.002	4	1,026
9	37.5	1,524	2,143	0.003	6	1,892
8	32.5	1,552	1,639	0.002	4	1,926
7	27.5	1,580	1,195	0.002	3	1,961
6	22.5	1,608	814	0.001	2	1,996
5	17.5	1,636	501	0.001	1	2,030
4	13.5	995	181	0.000	0	1,235
3	11	669	81	0.000	0	830
2	7.5	1,692	95	0.000	0	2,100
1	2.5	1,720	11	0.000	0	2,134
Powerwave Allgon 7120.16.05.00 / A-800-110-13I-0-N	178	185	5,855	0.009	15	229
Flat Low Profile Platform	178	1,500	47,526	0.072	123	1,862
Alcatel-Lucent RRH2x50-08	168	317	8,958	0.014	23	394
Alcatel-Lucent 1900 MHz 4X45 RRH	168	180	5,080	0.008	13	223
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	168	210	5,927	0.009	15	261
RFS APXVTM14-ALU-I20	168	169	4,759	0.007	12	209
Commscope NNVV-65B-R4	168	232	6,554	0.010	17	288
Flat Platform w/ Handrails	168	2,000	56,448	0.085	146	2,482
Flat Platform w/ Handrails	160	2,000	51,200	0.077	132	2,482
Samsung B2/B66A RRH-BR049	158	253	6,321	0.010	16	314
Samsung B5/B13 RRH-BR04C	158	211	5,265	0.008	14	262
Raycap RCMDC-6600-PF-48	158	32	786	0.001	2	39
Samsung MT6407-77A	158	245	6,111	0.009	16	304
Antel LPA-80080/4CF ___	158	72	1,797	0.003	5	89
Andrew SBNHH-1D65B	158	304	7,594	0.012	20	378
Ericsson KRY 112 144/1	148	33	723	0.001	2	41
Ericsson KRY 112 489/2	148	46	1,012	0.002	3	57
Ericsson Radio 4449 B12,B71	148	222	4,863	0.007	13	276
EMS RR90-17-02DP	148	40	887	0.001	2	50
RFS APXVAARR24_43-U-NA20	148	384	8,405	0.013	22	476
Generic Mount Reinforcement	147	600	12,965	0.020	33	745
Generic Round Low Profile Platform	147	1,875	40,517	0.061	105	2,327
LGP Allgon LGP21903	137	33	619	0.001	2	41
Powerwave Allgon LGP21401	137	85	1,588	0.002	4	105
Raycap DC6-48-60-18-8F ("Squid")	137	95	1,791	0.003	5	118
Ericsson RRUS 8843 B2, B66A	137	216	4,054	0.006	10	268
Ericsson RRUS 4478 B14	137	180	3,373	0.005	9	223
Ericsson RRUS 4449 B5, B12	137	213	3,998	0.006	10	264
Powerwave Allgon 7770.00	137	105	1,971	0.003	5	130
CCI DMP65R-BU6DA	137	476	8,942	0.014	23	591
Platform with Handrails RMQP-496-HK	137	2,500	46,922	0.071	121	3,103
Commscope RDIDC-9181-PF-48	124	22	337	0.000	1	27
Fujitsu TA08025-B605	124	225	3,460	0.005	9	279
Fujitsu TA08025-B604	124	192	2,948	0.004	8	238
JMA Wireless MX08FRO665-21	124	194	2,975	0.004	8	240
Generic Flat Platform with Handrails	124	2,500	38,440	0.058	99	3,103
Stand-Off	110	100	1,210	0.002	3	124
Stand-Off	97	100	941	0.001	2	124
Stand-Off	88	100	774	0.001	2	124
Stand-Off	12	100	14	0.000	0	124
Generic GPS	108	10	117	0.000	0	12
Generic GPS	97	10	94	0.000	0	12
Generic GPS	88.5	10	78	0.000	0	12
		57,053	662,511	0.999	1,712	70,813

0.9D - 1.0Ev + 1.0Eh Normal **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
53	176.5	157	4,879	0.007	13	135
52	172.5	271	8,058	0.012	21	233
51	169	112	3,192	0.005	8	96
50	166.5	198	5,490	0.008	14	170
49	162.5	340	8,975	0.014	23	292
48	159	139	3,523	0.005	9	120
47	156.5	232	5,690	0.009	15	200
46	152.5	397	9,232	0.014	24	341
45	149	162	3,601	0.005	9	139
44	147.5	93	2,030	0.003	5	80
43	146	188	4,008	0.006	10	162
42	142.5	479	9,720	0.015	25	411
41	138.5	294	5,648	0.008	15	253
40	136.5	111	2,073	0.003	5	96
39	135.5	223	4,098	0.006	11	192
38	133.5	677	12,068	0.018	31	582
37	131	309	5,299	0.008	14	265
36	127.5	785	12,768	0.019	33	675
35	124.5	159	2,471	0.004	6	137
34	122	655	9,743	0.015	25	562
33	117.5	836	11,536	0.017	30	718
32	112.5	855	10,818	0.016	28	734
31	109	347	4,126	0.006	11	298
30	106.5	527	5,979	0.009	15	453
29	102.5	894	9,392	0.014	24	768
28	98.5	546	5,293	0.008	14	469
27	96	368	3,390	0.005	9	316
26	93.5	558	4,874	0.007	13	479
25	91	713	5,906	0.009	15	613
24	89.25	539	4,296	0.006	11	463
23	88.25	181	1,407	0.002	4	155
22	87.5	362	2,775	0.004	7	311
21	86	431	3,188	0.005	8	370
20	82.5	1,093	7,442	0.011	19	939
19	77.5	1,116	6,704	0.010	17	959
18	72.5	1,139	5,986	0.009	15	978
17	67.5	1,162	5,292	0.008	14	998
16	62.5	1,184	4,626	0.007	12	1,017
15	57.5	1,207	3,991	0.006	10	1,037
14	52.5	1,230	3,389	0.005	9	1,056
13	49.5	249	609	0.001	2	214
12	47	2,012	4,445	0.007	11	1,728
11	43.875	1,146	2,206	0.003	6	984
10	41.375	826	1,415	0.002	4	710
9	37.5	1,524	2,143	0.003	6	1,309
8	32.5	1,552	1,639	0.002	4	1,333
7	27.5	1,580	1,195	0.002	3	1,357
6	22.5	1,608	814	0.001	2	1,381
5	17.5	1,636	501	0.001	1	1,405
4	13.5	995	181	0.000	0	854
3	11	669	81	0.000	0	574
2	7.5	1,692	95	0.000	0	1,453
1	2.5	1,720	11	0.000	0	1,477
Powerwave Allgon 7120.16.05.00 / A-800-110-13I-0-N	178	185	5,855	0.009	15	159
Flat Low Profile Platform	178	1,500	47,526	0.072	123	1,288
Alcatel-Lucent RRH2x50-08	168	317	8,958	0.014	23	273
Alcatel-Lucent 1900 MHz 4X45 RRH	168	180	5,080	0.008	13	155
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	168	210	5,927	0.009	15	180
RFS APXVTM14-ALU-I20	168	169	4,759	0.007	12	145
Commscope NNVV-65B-R4	168	232	6,554	0.010	17	199
Flat Platform w/ Handrails	168	2,000	56,448	0.085	146	1,718
Flat Platform w/ Handrails	160	2,000	51,200	0.077	132	1,718
Samsung B2/B66A RRH-BR049	158	253	6,321	0.010	16	217
Samsung B5/B13 RRH-BR04C	158	211	5,265	0.008	14	181
Raycap RCMDC-6600-PF-48	158	32	786	0.001	2	27
Samsung MT6407-77A	158	245	6,111	0.009	16	210
Antel LPA-80080/4CF ___	158	72	1,797	0.003	5	62
Andrew SBNHH-1D65B	158	304	7,594	0.012	20	261

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Ericsson KRY 112 144/1	148	33	723	0.001	2	28
Ericsson KRY 112 489/2	148	46	1,012	0.002	3	40
Ericsson Radio 4449 B12,B71	148	222	4,863	0.007	13	191
EMS RR90-17-02DP	148	40	887	0.001	2	35
RFS APXVAARR24_43-U-NA20	148	384	8,405	0.013	22	330
Generic Mount Reinforcement	147	600	12,965	0.020	33	515
Generic Round Low Profile Platform	147	1,875	40,517	0.061	105	1,610
LGP Allgon LGP21903	137	33	619	0.001	2	28
Powerwave Allgon LGP21401	137	85	1,588	0.002	4	73
Raycap DC6-48-60-18-8F ("Squid")	137	95	1,791	0.003	5	82
Ericsson RRUS 8843 B2, B66A	137	216	4,054	0.006	10	186
Ericsson RRUS 4478 B14	137	180	3,373	0.005	9	154
Ericsson RRUS 4449 B5, B12	137	213	3,998	0.006	10	183
Powerwave Allgon 7770.00	137	105	1,971	0.003	5	90
CCI DMP65R-BU6DA	137	476	8,942	0.014	23	409
Platform with Handrails RMQP-496-HK	137	2,500	46,922	0.071	121	2,147
Commscope RDIDC-9181-PF-48	124	22	337	0.000	1	19
Fujitsu TA08025-B605	124	225	3,460	0.005	9	193
Fujitsu TA08025-B604	124	192	2,948	0.004	8	165
JMA Wireless MX08FRO665-21	124	194	2,975	0.004	8	166
Generic Flat Platform with Handrails	124	2,500	38,440	0.058	99	2,147
Stand-Off	110	100	1,210	0.002	3	86
Stand-Off	97	100	941	0.001	2	86
Stand-Off	88	100	774	0.001	2	86
Stand-Off	12	100	14	0.000	0	86
Generic GPS	108	10	117	0.000	0	9
Generic GPS	97	10	94	0.000	0	9
Generic GPS	88.5	10	78	0.000	0	9
		57,053	662,511	0.999	1,712	48,999

1.2D + 1.0Ev + 1.0Eh Normal **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-68.68	-1.72	0.00	-253.02	0.00	253.02	6,434.86	1,571.07	8,005	7,461.32	0.00	0.00	0.05
5.00	-66.58	-1.73	0.00	-244.44	0.00	244.44	6,350.74	1,542.24	7,714	7,227.49	0.01	-0.01	0.04
10.00	-65.75	-1.74	0.00	-235.80	0.00	235.80	6,265.35	1,513.41	7,428	6,995.84	0.02	-0.02	0.04
12.00	-64.39	-1.74	0.00	-232.33	0.00	232.33	6,230.84	1,501.88	7,316	6,903.82	0.03	-0.02	0.04
15.00	-62.36	-1.75	0.00	-227.11	0.00	227.11	6,178.70	1,484.59	7,148	6,766.48	0.05	-0.03	0.04
20.00	-60.36	-1.75	0.00	-218.38	0.00	218.38	6,090.77	1,455.76	6,873	6,539.47	0.08	-0.04	0.04
25.00	-58.40	-1.76	0.00	-209.61	0.00	209.61	6,001.58	1,426.93	6,604	6,314.89	0.13	-0.05	0.04
30.00	-56.47	-1.77	0.00	-200.80	0.00	200.80	5,911.12	1,398.11	6,340	6,092.84	0.19	-0.06	0.04
35.00	-54.58	-1.77	0.00	-191.98	0.00	191.98	5,796.61	1,369.28	6,081	5,850.41	0.26	-0.07	0.04
40.00	-53.56	-1.77	0.00	-183.13	0.00	183.13	5,674.58	1,340.45	5,828	5,605.46	0.35	-0.08	0.04
42.75	-52.13	-1.77	0.00	-178.26	0.00	178.26	5,607.46	1,324.60	5,691	5,472.97	0.40	-0.09	0.04
45.00	-49.64	-1.76	0.00	-174.28	0.00	174.28	5,552.55	1,311.63	5,580	5,365.75	0.44	-0.10	0.04
49.00	-49.33	-1.76	0.00	-167.25	0.00	167.25	4,335.44	1,067.60	4,549	4,204.89	0.52	-0.11	0.05
50.00	-47.80	-1.76	0.00	-165.48	0.00	165.48	4,322.18	1,062.91	4,509	4,173.47	0.55	-0.11	0.05
55.00	-46.30	-1.76	0.00	-156.70	0.00	156.70	4,255.09	1,039.49	4,313	4,017.36	0.67	-0.12	0.05
60.00	-44.83	-1.75	0.00	-147.92	0.00	147.92	4,186.73	1,016.06	4,120	3,862.97	0.80	-0.13	0.05
65.00	-43.39	-1.74	0.00	-139.17	0.00	139.17	4,117.10	992.64	3,933	3,710.36	0.95	-0.15	0.05
70.00	-41.98	-1.74	0.00	-130.45	0.00	130.45	4,046.20	969.21	3,749	3,559.63	1.11	-0.16	0.05
75.00	-40.59	-1.72	0.00	-121.77	0.00	121.77	3,974.03	945.79	3,570	3,410.85	1.29	-0.18	0.05
80.00	-39.23	-1.71	0.00	-113.15	0.00	113.15	3,900.60	922.36	3,396	3,264.10	1.48	-0.19	0.05
85.00	-38.70	-1.71	0.00	-104.61	0.00	104.61	3,805.51	898.94	3,225	3,102.86	1.69	-0.20	0.04
87.00	-38.25	-1.70	0.00	-101.19	0.00	101.19	3,765.85	889.57	3,158	3,038.19	1.78	-0.21	0.04
88.00	-37.90	-1.69	0.00	-99.49	0.00	99.49	3,746.02	884.89	3,125	3,006.11	1.82	-0.21	0.04
88.50	-37.22	-1.68	0.00	-98.65	0.00	98.65	3,736.10	882.54	3,109	2,990.14	1.84	-0.21	0.04
90.00	-36.33	-1.67	0.00	-96.12	0.00	96.12	3,706.35	875.52	3,059	2,942.46	1.91	-0.22	0.04
92.00	-35.64	-1.66	0.00	-92.79	0.00	92.79	3,055.31	747.27	2,634	2,450.78	2.01	-0.22	0.05
95.00	-35.18	-1.65	0.00	-87.82	0.00	87.82	3,020.81	735.38	2,551	2,384.21	2.15	-0.23	0.05
97.00	-34.37	-1.64	0.00	-84.52	0.00	84.52	2,997.56	727.45	2,496	2,340.12	2.25	-0.24	0.05
100.00	-33.26	-1.61	0.00	-79.61	0.00	79.61	2,962.30	715.56	2,415	2,274.45	2.40	-0.25	0.05
105.00	-32.60	-1.60	0.00	-71.54	0.00	71.54	2,902.52	695.74	2,283	2,166.26	2.67	-0.26	0.04

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
108.00	-32.16	-1.59	0.00	-66.74	0.00	66.74	2,866.04	683.85	2,206	2,102.12	2.84	-0.27	0.04
110.00	-30.98	-1.56	0.00	-63.55	0.00	63.55	2,841.47	675.92	2,155	2,059.71	2.96	-0.28	0.04
115.00	-29.94	-1.53	0.00	-55.74	0.00	55.74	2,777.47	656.10	2,030	1,953.71	3.25	-0.29	0.04
120.00	-29.13	-1.51	0.00	-48.07	0.00	48.07	2,693.56	636.27	1,910	1,836.87	3.57	-0.31	0.04
124.00	-25.04	-1.36	0.00	-42.03	0.00	42.03	2,626.43	620.42	1,816	1,746.00	3.83	-0.32	0.03
125.00	-24.07	-1.33	0.00	-40.67	0.00	40.67	2,609.65	616.45	1,792	1,723.64	3.90	-0.32	0.03
130.00	-23.68	-1.31	0.00	-34.04	0.00	34.04	2,525.74	596.63	1,679	1,614.02	4.24	-0.33	0.03
132.00	-22.84	-1.28	0.00	-31.42	0.00	31.42	2,492.18	588.70	1,635	1,571.17	4.38	-0.33	0.03
135.00	-22.57	-1.27	0.00	-27.58	0.00	27.58	2,441.83	576.81	1,569	1,507.99	4.59	-0.34	0.03
136.00	-22.43	-1.26	0.00	-26.31	0.00	26.31	1,416.76	371.43	1,022	888.99	4.66	-0.34	0.05
137.00	-17.22	-1.03	0.00	-25.05	0.00	25.05	1,410.85	368.90	1,009	879.23	4.73	-0.34	0.04
140.00	-16.62	-1.00	0.00	-21.96	0.00	21.96	1,392.81	361.33	968	850.05	4.95	-0.35	0.04
145.00	-16.39	-0.99	0.00	-16.95	0.00	16.95	1,361.73	348.72	901	801.85	5.33	-0.37	0.03
147.00	-13.20	-0.83	0.00	-14.96	0.00	14.96	1,348.94	343.67	875	782.74	5.48	-0.37	0.03
148.00	-12.10	-0.77	0.00	-14.13	0.00	14.13	1,342.47	341.15	863	773.23	5.56	-0.37	0.03
150.00	-11.61	-0.75	0.00	-12.58	0.00	12.58	1,329.38	336.10	837	754.27	5.72	-0.38	0.03
155.00	-11.32	-0.73	0.00	-8.84	0.00	8.84	1,295.76	323.49	776	707.39	6.11	-0.38	0.02
158.00	-9.76	-0.64	0.00	-6.64	0.00	6.64	1,274.98	315.92	740	679.62	6.36	-0.39	0.02
160.00	-6.86	-0.47	0.00	-5.36	0.00	5.36	1,260.87	310.88	716	661.28	6.52	-0.39	0.01
165.00	-6.62	-0.45	0.00	-3.02	0.00	3.02	1,224.71	298.26	659	616.03	6.93	-0.39	0.01
168.00	-2.62	-0.19	0.00	-1.67	0.00	1.67	1,202.41	290.69	626	589.33	7.18	-0.40	0.01
170.00	-2.28	-0.17	0.00	-1.29	0.00	1.29	1,187.28	285.65	605	571.72	7.34	-0.40	0.00
175.00	-2.09	-0.15	0.00	-0.46	0.00	0.46	1,148.59	273.03	552	528.44	7.76	-0.40	0.00
178.00	0.00	-0.14	0.00	0.00	0.00	0.00	1,123.79	265.46	522	502.56	8.01	-0.40	0.00

0.9D - 1.0Ev + 1.0Eh Normal **Seismic (Reduced DL)**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-47.52	-1.71	0.00	-247.54	0.00	247.54	6,434.86	1,571.07	8,005	7,461.32	0.00	0.00	0.04
5.00	-46.07	-1.72	0.00	-238.97	0.00	238.97	6,350.74	1,542.24	7,714	7,227.49	0.01	-0.01	0.04
10.00	-45.49	-1.73	0.00	-230.36	0.00	230.36	6,265.35	1,513.41	7,428	6,995.84	0.02	-0.02	0.04
12.00	-44.55	-1.73	0.00	-226.90	0.00	226.90	6,230.84	1,501.88	7,316	6,903.82	0.03	-0.02	0.04
15.00	-43.15	-1.73	0.00	-221.71	0.00	221.71	6,178.70	1,484.59	7,148	6,766.48	0.05	-0.03	0.04
20.00	-41.77	-1.74	0.00	-213.04	0.00	213.04	6,090.77	1,455.76	6,873	6,539.47	0.08	-0.04	0.04
25.00	-40.41	-1.74	0.00	-204.35	0.00	204.35	6,001.58	1,426.93	6,604	6,314.89	0.13	-0.05	0.04
30.00	-39.08	-1.74	0.00	-195.63	0.00	195.63	5,911.12	1,398.11	6,340	6,092.84	0.19	-0.06	0.04
35.00	-37.77	-1.74	0.00	-186.92	0.00	186.92	5,796.61	1,369.28	6,081	5,850.41	0.26	-0.07	0.04
40.00	-37.06	-1.74	0.00	-178.20	0.00	178.20	5,674.58	1,340.45	5,828	5,605.46	0.34	-0.08	0.04
42.75	-36.07	-1.74	0.00	-173.40	0.00	173.40	5,607.46	1,324.60	5,691	5,472.97	0.39	-0.09	0.04
45.00	-34.34	-1.73	0.00	-169.48	0.00	169.48	5,552.55	1,311.63	5,580	5,365.75	0.43	-0.09	0.04
49.00	-34.13	-1.73	0.00	-162.55	0.00	162.55	4,335.44	1,067.60	4,549	4,204.89	0.51	-0.10	0.05
50.00	-33.07	-1.73	0.00	-160.82	0.00	160.82	4,322.18	1,062.91	4,509	4,173.47	0.53	-0.10	0.05
55.00	-32.04	-1.72	0.00	-152.19	0.00	152.19	4,255.09	1,039.49	4,313	4,017.36	0.65	-0.12	0.05
60.00	-31.02	-1.71	0.00	-143.58	0.00	143.58	4,186.73	1,016.06	4,120	3,862.97	0.78	-0.13	0.05
65.00	-30.02	-1.71	0.00	-135.01	0.00	135.01	4,117.10	992.64	3,933	3,710.36	0.93	-0.14	0.04
70.00	-29.04	-1.69	0.00	-126.48	0.00	126.48	4,046.20	969.21	3,749	3,559.63	1.09	-0.16	0.04
75.00	-28.08	-1.68	0.00	-118.00	0.00	118.00	3,974.03	945.79	3,570	3,410.85	1.26	-0.17	0.04
80.00	-27.15	-1.67	0.00	-109.60	0.00	109.60	3,900.60	922.36	3,396	3,264.10	1.45	-0.19	0.04
85.00	-26.77	-1.66	0.00	-101.27	0.00	101.27	3,805.51	898.94	3,225	3,102.86	1.65	-0.20	0.04
87.00	-26.46	-1.65	0.00	-97.95	0.00	97.95	3,765.85	889.57	3,158	3,038.19	1.73	-0.20	0.04
88.00	-26.22	-1.65	0.00	-96.30	0.00	96.30	3,746.02	884.89	3,125	3,006.11	1.78	-0.21	0.04
88.50	-25.75	-1.64	0.00	-95.47	0.00	95.47	3,736.10	882.54	3,109	2,990.14	1.80	-0.21	0.04
90.00	-25.14	-1.62	0.00	-93.02	0.00	93.02	3,706.35	875.52	3,059	2,942.46	1.86	-0.21	0.04
92.00	-24.66	-1.61	0.00	-89.77	0.00	89.77	3,055.31	747.27	2,634	2,450.78	1.95	-0.22	0.05
95.00	-24.34	-1.60	0.00	-84.94	0.00	84.94	3,020.81	735.38	2,551	2,384.21	2.09	-0.23	0.04
97.00	-23.78	-1.59	0.00	-81.74	0.00	81.74	2,997.56	727.45	2,496	2,340.12	2.19	-0.23	0.04
100.00	-23.01	-1.56	0.00	-76.98	0.00	76.98	2,962.30	715.56	2,415	2,274.45	2.34	-0.24	0.04
105.00	-22.56	-1.55	0.00	-69.15	0.00	69.15	2,902.52	695.74	2,283	2,166.26	2.60	-0.26	0.04
108.00	-22.25	-1.54	0.00	-64.49	0.00	64.49	2,866.04	683.85	2,206	2,102.12	2.76	-0.26	0.04
110.00	-21.43	-1.51	0.00	-61.41	0.00	61.41	2,841.47	675.92	2,155	2,059.71	2.88	-0.27	0.04
115.00	-20.71	-1.48	0.00	-53.85	0.00	53.85	2,777.47	656.10	2,030	1,953.71	3.17	-0.28	0.04
120.00	-20.15	-1.46	0.00	-46.44	0.00	46.44	2,693.56	636.27	1,910	1,836.87	3.47	-0.30	0.03
124.00	-17.33	-1.31	0.00	-40.61	0.00	40.61	2,626.43	620.42	1,816	1,746.00	3.72	-0.31	0.03
125.00	-16.65	-1.28	0.00	-39.29	0.00	39.29	2,609.65	616.45	1,792	1,723.64	3.79	-0.31	0.03
130.00	-16.39	-1.27	0.00	-32.89	0.00	32.89	2,525.74	596.63	1,679	1,614.02	4.12	-0.32	0.03
132.00	-15.80	-1.23	0.00	-30.35	0.00	30.35	2,492.18	588.70	1,635	1,571.17	4.25	-0.32	0.03

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
135.00	-15.61	-1.22	0.00	-26.65	0.00	26.65	2,441.83	576.81	1,569	1,507.99	4.46	-0.33	0.02
136.00	-15.52	-1.22	0.00	-25.43	0.00	25.43	1,416.76	371.43	1,022	888.99	4.53	-0.33	0.04
137.00	-11.91	-0.99	0.00	-24.21	0.00	24.21	1,410.85	368.90	1,009	879.23	4.60	-0.33	0.04
140.00	-11.50	-0.97	0.00	-21.23	0.00	21.23	1,392.81	361.33	968	850.05	4.81	-0.34	0.03
145.00	-11.34	-0.96	0.00	-16.38	0.00	16.38	1,361.73	348.72	901	801.85	5.18	-0.35	0.03
147.00	-9.14	-0.80	0.00	-14.46	0.00	14.46	1,348.94	343.67	875	782.74	5.33	-0.36	0.03
148.00	-8.37	-0.75	0.00	-13.66	0.00	13.66	1,342.47	341.15	863	773.23	5.40	-0.36	0.02
150.00	-8.03	-0.72	0.00	-12.16	0.00	12.16	1,329.38	336.10	837	754.27	5.55	-0.36	0.02
155.00	-7.83	-0.71	0.00	-8.55	0.00	8.55	1,295.76	323.49	776	707.39	5.94	-0.37	0.02
158.00	-6.76	-0.62	0.00	-6.42	0.00	6.42	1,274.98	315.92	740	679.62	6.18	-0.38	0.02
160.00	-4.75	-0.45	0.00	-5.18	0.00	5.18	1,260.87	310.88	716	661.28	6.33	-0.38	0.01
165.00	-4.58	-0.44	0.00	-2.92	0.00	2.92	1,224.71	298.26	659	616.03	6.73	-0.38	0.01
168.00	-1.81	-0.18	0.00	-1.61	0.00	1.61	1,202.41	290.69	626	589.33	6.97	-0.38	0.00
170.00	-1.58	-0.16	0.00	-1.25	0.00	1.25	1,187.28	285.65	605	571.72	7.13	-0.38	0.00
175.00	-1.45	-0.15	0.00	-0.44	0.00	0.44	1,148.59	273.03	552	528.44	7.54	-0.39	0.00
178.00	0.00	-0.14	0.00	0.00	0.00	0.00	1,123.79	265.46	522	502.56	7.78	-0.39	0.00

ANALYSIS SUMMARY

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W Normal	44.23	0.00	68.38	0.00	0.00	5772.24	49.00	0.89
0.9D + 1.0W Normal	44.19	0.00	51.26	0.00	0.00	5674.00	49.00	0.87
1.2D + 1.0Di + 1.0Wi Normal	12.49	0.00	104.63	0.00	0.00	1679.15	49.00	0.28
1.2D + 1.0Ev + 1.0Eh Normal	1.77	0.00	68.68	0.00	0.00	253.02	49.00	0.05
0.9D - 1.0Ev + 1.0Eh Normal	1.74	0.00	47.52	0.00	0.00	247.54	49.00	0.05
1.0D + 1.0W Service Normal	10.05	0.00	57.05	0.00	0.00	1301.91	49.00	0.21

AMERICAN TOWER® CORPORATION

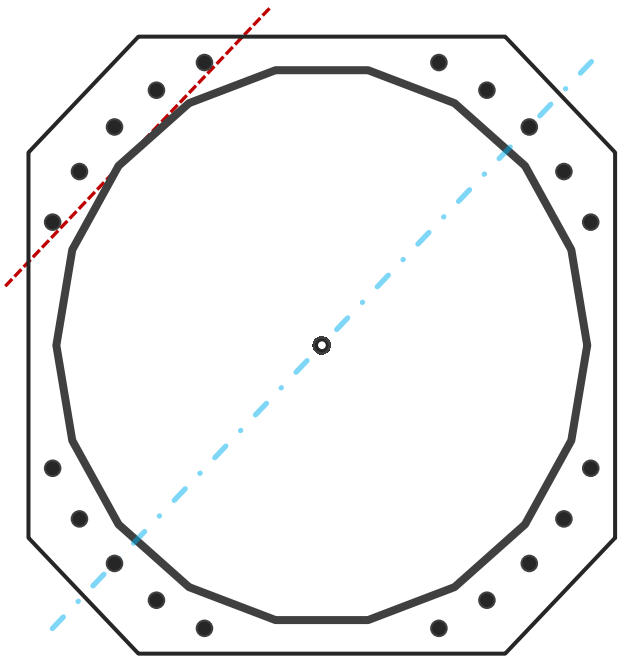
Base Plate & Anchor Rod Analysis

Pole Dimensions		
Number of Sides	18	-
Diameter	56.91	in
Thickness	1/2	in
Orientation Offset		°

Base Reactions		
Moment, Mu	5,772.2	k-ft
Axial, Pu	68.4	k
Shear, Vu	44.2	k
Neutral Axis	45	°

Report Capacities		
Component	Capacity	Result
Base Plate	75%	Pass
Anchor Rods	90%	Pass
Dwyidag	-	-

Base Plate		
Shape	Square	-
Width	64	in
Thickness	3	in
Grade	A572-50	
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Clip	12	in
Orientation Offset	0	°
Anchor Rod Detail	d	η=0.5
Clear Distance	4 1/2	in
Applied Moment, Mu	2542.8	k
Bending Stress, ϕMn	3389.3	k



Original Anchor Rods		
Arrangement	Cluster	-
Quantity	20	-
Diameter, ø	2 1/4	in
Bolt Circle	64	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	6.0	in
Orientation Offset	0	°
Applied Force, Pu	219.8	k
Anchor Rods, ϕPn	243.6	k

Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	44.2	5772.2	1.00
Anchor Rod Forces	44.2	5772.2	1.00
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	88.1594	4.8977	0.4100		35073.77
Bolt	3.9761	3.2477	0.8393	4.5	33273.13
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Square	-
Width, W	64	in
Thickness, t	3	in
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Base Plate Chord	29.279	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	4.5	-

Anchor Rods		
Anchor Rod Quantity, N	20	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	64	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	219.8	k
Applied Shear, Vu	0.0	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.902	OK
Interaction Capacity	0.814	OK

External Base Plate		
Chord Length AA	33.475	in
Additional AA	0.000	in
Section Modulus, Z	75.318	in^3
Applied Moment, Mu	2542.8	k-ft
Bending Capacity, ϕMn	3389.3	k-ft
Capacity, Mu/ϕMn	0.750	OK
Chord Length AB	32.595	in
Additional AB	0.000	in
Section Modulus, Z	73.338	in^3
Applied Moment, Mu	2075.9	k-ft
Bending Capacity, ϕMn	3300.2	k-ft
Capacity, Mu/ϕMn	0.629	OK
Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in^3
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

Internal Base Plate		
Arc Length	0.000	in
Section Modulus, Z	0.000	in^3
Moment Arm	0.000	in
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

Site Name: Andover-bunker Hill Rd, CT
Site Number: 302472
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Monolithic Mat & Pier Foundation Analysis

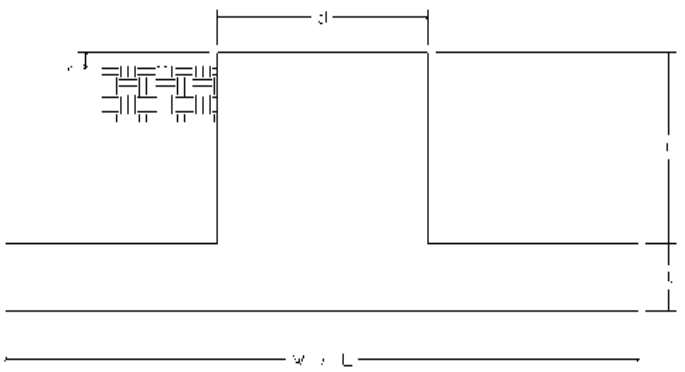
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	68.4	k
Uplift/Leg:	0.0	k
Total Shear:	44.2	k
Moment:	5,772.2	k-ft
Tower + Appurtenance Weight:	68.4	k
Depth to Base of Foundation (l + t - h):	9.5	ft
Diameter of Pier (d):	8	ft
Length of Pier (l):	6	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	24	ft
Length of Pad (L):	24	ft
Thickness of Pad (t):	4	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	125	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	62.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.30	-
Ultimate Compressive Bearing Pressure:	8,000	psf
Ultimate Passive Pressure on Pad Face:	0	psf
$f_{Soil\ and\ Concrete\ Weight}$:	0.9	-
f_{Soil}:	0.75	-

Overturning Moment Usage		
Design OTM:	6214.2	k-ft
OTM Resistance:	9354.7	k-ft
Design OTM / OTM Resistance:	66%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	3748	psf
Factored Nominal Bearing Pressure:	6000	psf
Factored Nominal (Net) Bearing Pressure:	62%	Pass
Load Direction Controling Design Bearing Pressure:	*Diagonal to Pad Edge*	

Sliding Factor of Safety		
Ultimate Friction Resistance:	242.8	k
Ultimate Passive Pressure Resistance:	0.0	k
Total Factored Sliding Resistance:	182.1	k
Sliding Design / Sliding Resistance:	24%	Pass

Foundation Steel Parameters		
Shear/Leg (Compression):	44.2	k
Shear/Leg (Uplift):	44.2	k
Concrete Strength (f'_c):	3,000	psi
Pad Tension Steel Depth:	44.31	in
Dead Load Factor:	0.9	-
f_{Shear}:	0.75	-
$f_{Flexure\ /\ Tension}$:	0.9	-
$f_{Compression:}$	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	11	-
# of Bottom Pad Rebar:	24	-
Pad Bottom Steel Area:	37.44	in^2
Pad Steel F_y:	60,000	psi
Top Pad Rebar Size #:	11	-
# of Top Pad Rebar:	24	-
Pad Top Steel Area:	37.44	in^2
Pier Rebar Size #:	11	-
Pier Steel Area (Single Bar):	1.56	in^2
# of Pier Rebar:	40	-
Pier Steel F_y:	60,000	psi
Pier Cage Diameter:	87.4	in
Rebar Strain Limit:	0.008	-
Steel Elastic Modulus:	29,000	ksi
Tie Rebar Size #:	5	-
Tie Steel Area (Single Bar):	0.31	in^2
Tie Spacing:	6	in
Tie Steel F_y:	40,000	psi
Clear Cover:	3	in



Pad Strength Capacity			
Factored One Way Shear (V_u):	322.6	k	
One Way Shear Capacity (fV_c):	810.7	k	*ACI 318-14 25.5.5.1*
V_u / fV_c:	40%	Pass	
Load Direction Controling Shear Capacity:	*Diagonal to Pad Edge*		
Lower Steel Pad Factored Moment (M_u):	2312.4	k-ft	
Lower Steel Pad Moment Capacity (fM_n):	7246.7	k-ft	*ACI 318-14 22.3.1.1*
M_u / fM_n:	32%	Pass	
Load Direction Controling Flexural Capacity:	*Parallel to Pad Edge*		
Upper Steel Pad Factored Moment (M_u):	988.8	k-ft	
Upper Steel Pad Moment Capacity (fM_n):	7246.7	k-ft	
M_u / fM_n:	14%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0029		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Upper Pad Flexural Reinforcement Ratio:	0.0029		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Lower Pad Reinforcement Spacing:	12.2	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Upper Pad Reinforcement Spacing:	12.2	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Ultimate Punching Shear Stress, v_u:	35.97	psi	*ACI 318-14 R8.4.4.2.3*
Nominal Punching Shear Capacity (f_cv_c):	164.3	psi	*ACI 318-14 22.6.5.2*
v_u / f_cv_c:	22%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f:	0.60		*TIA-222-H 9.4.2*
Moment Transfer Effective Flexural Width, B_{eff}:	20.00	ft	*TIA-222-H 9.4.2*
Moment Transfer Through Pad Flexure:	43469.28	k-in	*TIA-222-H 9.4.2*
Moment Transfer Flexural Capacity ($fM_{sc,f}$):	74652.04	k-in	
g_fM_{sc} / $fM_{sc,f}$:	0%	Pass	

Pier Strength Capacity			
Factored Moment in Pier (M_u):	6037.4	k-ft	
Pier Moment Capacity (fM_n):	11999.6	k-ft	
M_u / fM_n:	50%	Pass	
Factored Shear in Pier (V_u):	44.2	k	
Pier Shear Capacity (fV_n):	835.6	k	*ACI 318-14 22.5.1.1*
V_u / fV_c:	5%	Pass	
Pier Shear Reinforcement Ratio:	0.0005		*OK - No Ties Necessary for Shear - ACI11.5.6.1*
Factored Tension in Pier (T_u):	0.0	k	
Pier Tension Capacity (fT_n):	3369.6	k	
T_u / fT_n:	0%	Pass	
Factored Compression in Pier (P_u):	68.4	k	
Pier Compression Capacity (fP_n):	9563.8	k	*ACI 318-14 22.4.2.1*
P_u / fP_n:	1%	Pass	
Minimum Depth to Develop Vertical Rebar:	63	in	*ACI 318-14 25.4.2.3*
Minimum Hook Development Length:	31	in	*ACI 318-14 25.4.3.1*
Minimum Mat Thickness / Edge Distance from Pier:	34.0	in	
Minimum Foundation Depth:	8.35	ft	
$M_u/f_BM_n + T_u/f_TT_n$:	50%	Pass	

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
peter.albano@colliersengineering.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10050491
Maser Consulting Connecticut Project #: 21777492A

July 28, 2021

Site Information	*Site ID:*	*470979-VZW / COLUMBIA CT*
	Site Name:	*COLUMBIA CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*104 Bunker Hill Rd* *Andover, Connecticut 06232* *Tolland County*
	Latitude:	*41.737766°*
	Longitude:	*-72.349997°*
Structure Information	*Tower Type:*	*178-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16271926

Analysis Results

Platform: **48.2% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements may also be Noted on A & E drawings

Report Prepared By: Jared Adkins

Executive Summary:

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer's instructions. Maser Consulting cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 323618, dated March 31, 2021*
Previous Tower Analysis	*American Tower Corporation, Site #: 302472, dated September 1, 2015*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	119 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.981
Seismic Parameters:	S_S:	0.193
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live 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
158.25	160.00	3	Samsung	MT6407-77A	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Raycap	RVZDC-6627-PF-48	
		6	Andrew	SBNHH-1D65B	Retained
		6	Amphenol Antel	LPA-80080-4CF	

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.

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 Maser Consulting Connecticut 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 Maser Consulting Connecticut 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.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by Maser Consulting Connecticut, 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. Maser Consulting Connecticut 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 Maser Consulting Connecticut.

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	40.8%	Pass
Platform Crossmember	21.9%	Pass
Corner Plate	17.0%	Pass
Grating Support	13.7%	Pass
Face Horizontal	17.3%	Pass
Mount Pipe	48.2%	Pass
Support Rail	31.0%	Pass
Dual Mount Pipe	37.6%	Pass
Support Rail Connection	41.%	Pass
Connection Check	44.5%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**48.2%**

Recommendation:

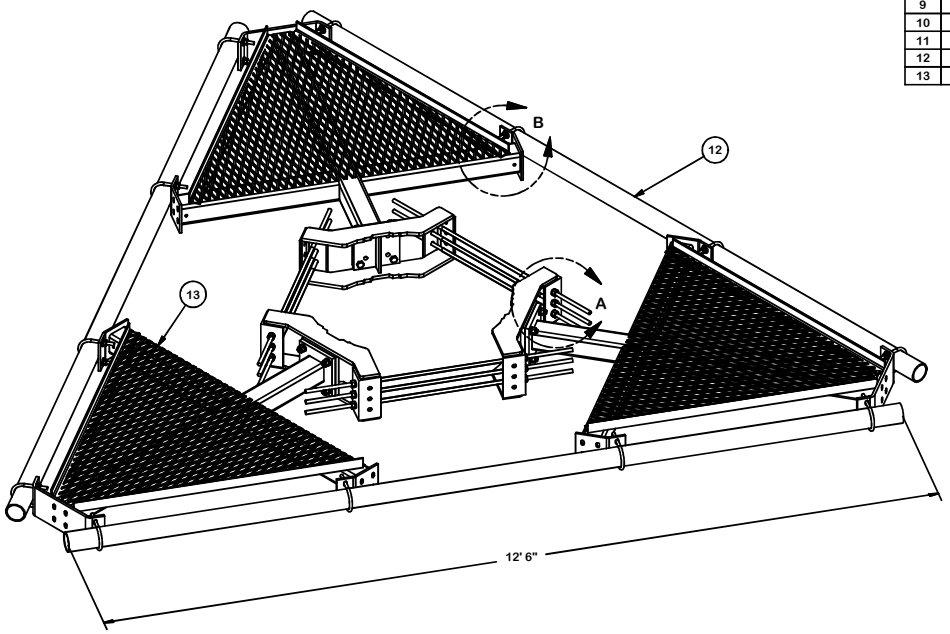
The proposed antenna mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

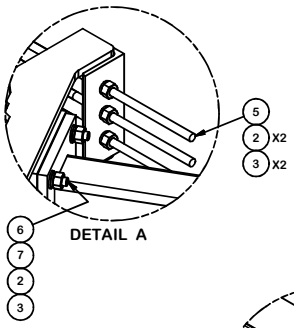
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

Attachments:

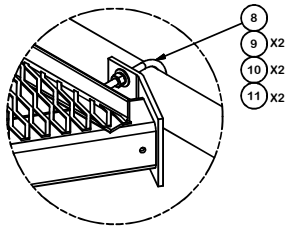
1. Mount Manufacturer Drawings
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
3	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
4	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
5	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
6	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	4.27
7	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
8	12	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.26	3.08
9	24	G12FW	1/2" HDG USS FLATWASHER		0.03	0.82
10	24	G12LW	1/2" HDG LOCKWASHER		0.01	0.33
11	24	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.72
12	3	P3150	3-1/2" X 150" SCH 40 GALVANIZED PIPE	150 in	94.80	284.40
13	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31





DETAIL A



DETAIL B

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
LOW PROFILE
CO-LOCATION PLATFORM

SITE PRO 1
A valmont COMPANY

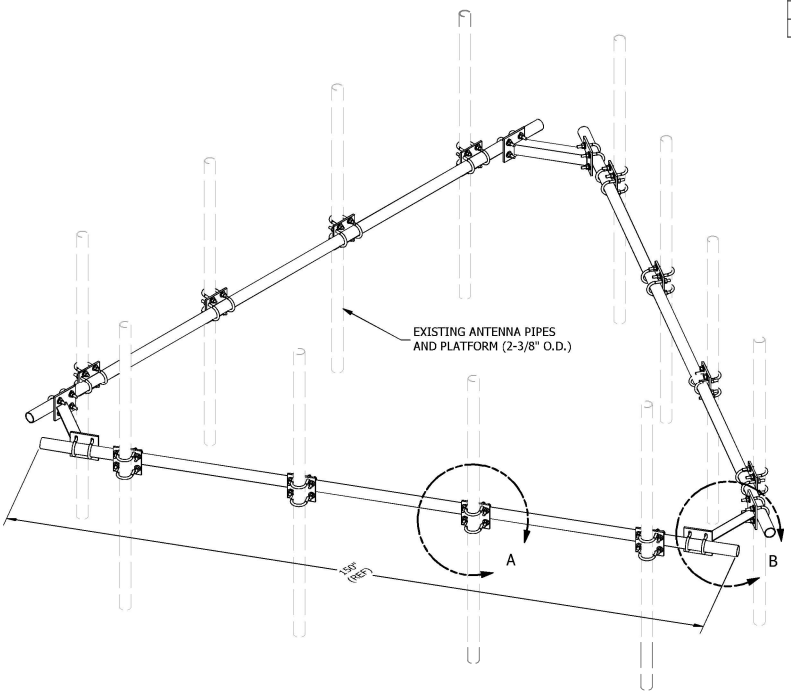
Engineering Support Team:
1-888-753-7446

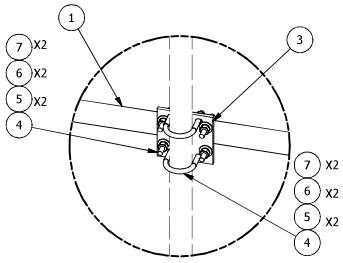
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 7/8/2015		RMQP-NP	1 OF 1

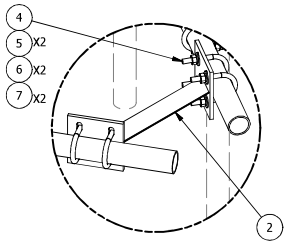
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 7/8/2015	RMQP-NP

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	44.50
4	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	37.51
5	120	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	4.09
6	120	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.67
7	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
					TOTAL WT. #	272.43





DETAIL A



DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REPLACED HCP WITH X-AHCP		CEK	7/10/2014

REVISION HISTORY

TOLERANCE NOTES

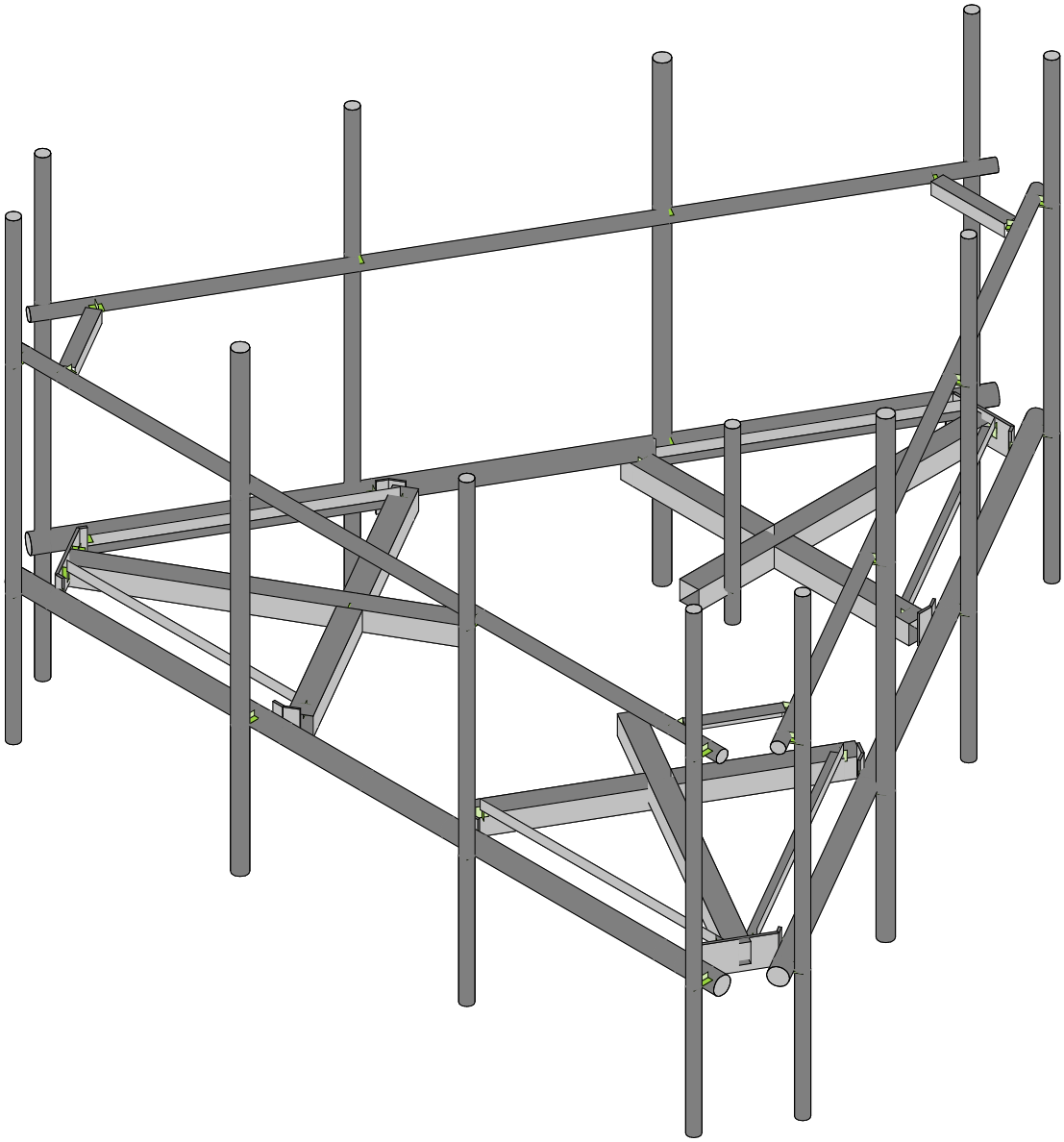
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.090")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION: HANDRAIL KIT FOR 12'-6" FACE

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	KC8 5/30/2012		HRK12

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 7/13/2014	HRK12

SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX



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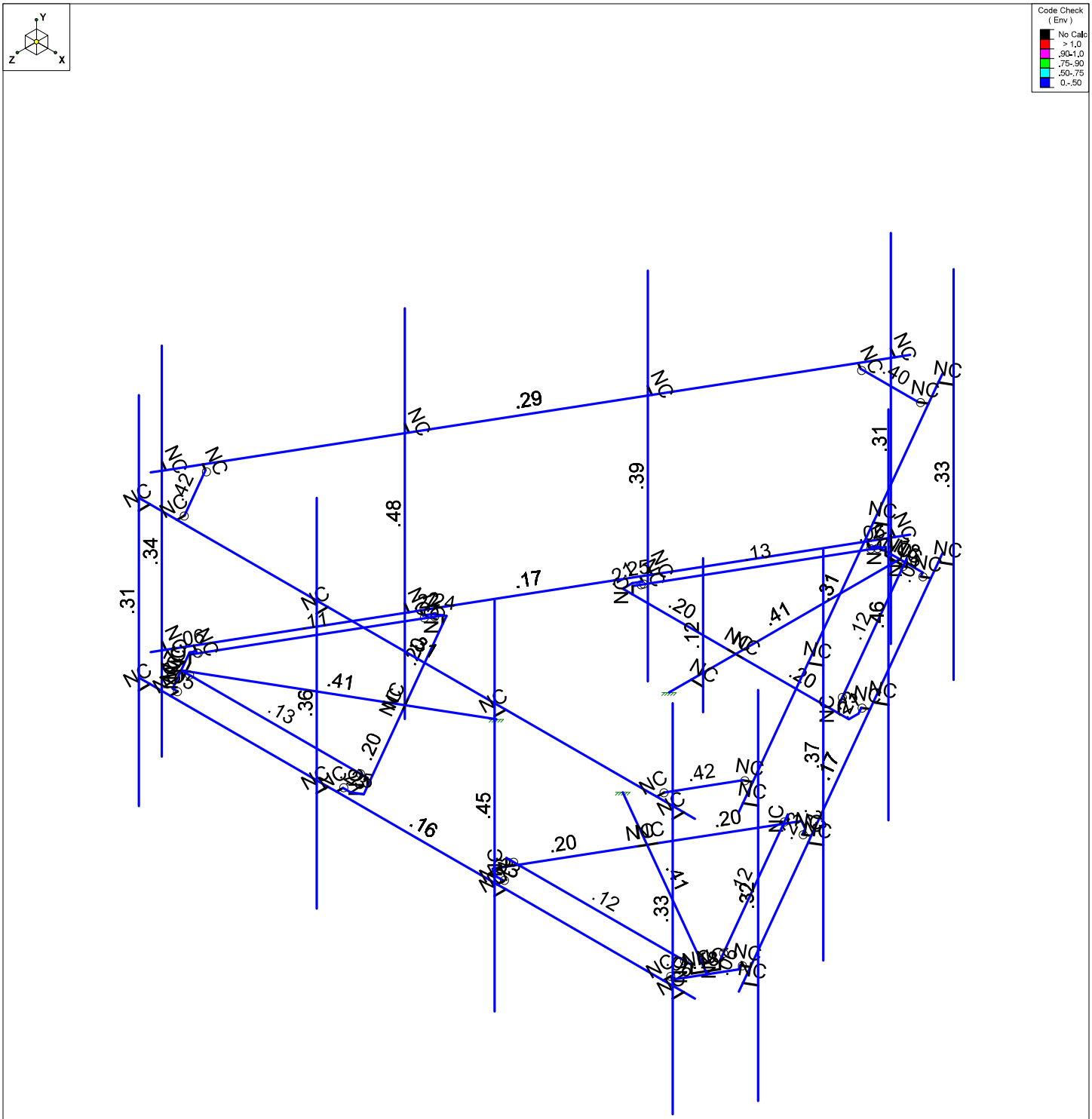

Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

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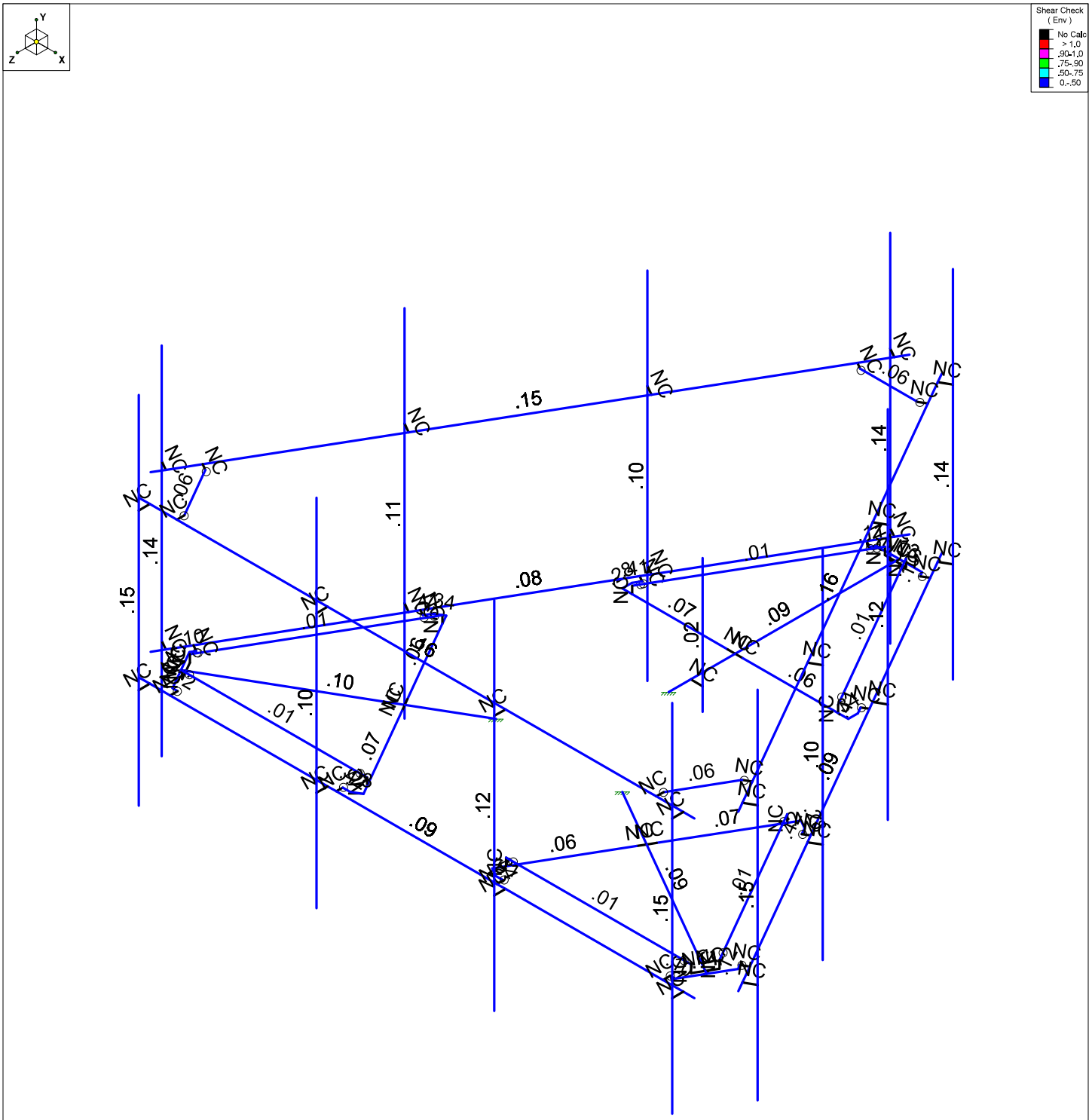

Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

		SK - 2
		July 28, 2021 at 3:24 PM
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Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					111			
2	Antenna Di	None					111			
3	Antenna Wo (0 Deg)	None					111			
4	Antenna Wo (30 Deg)	None					111			
5	Antenna Wo (60 Deg)	None					111			
6	Antenna Wo (90 Deg)	None					111			
7	Antenna Wo (120 Deg)	None					111			
8	Antenna Wo (150 Deg)	None					111			
9	Antenna Wo (180 Deg)	None					111			
10	Antenna Wo (210 Deg)	None					111			
11	Antenna Wo (240 Deg)	None					111			
12	Antenna Wo (270 Deg)	None					111			
13	Antenna Wo (300 Deg)	None					111			
14	Antenna Wo (330 Deg)	None					111			
15	Antenna Wi (0 Deg)	None					111			
16	Antenna Wi (30 Deg)	None					111			
17	Antenna Wi (60 Deg)	None					111			
18	Antenna Wi (90 Deg)	None					111			
19	Antenna Wi (120 Deg)	None					111			
20	Antenna Wi (150 Deg)	None					111			
21	Antenna Wi (180 Deg)	None					111			
22	Antenna Wi (210 Deg)	None					111			
23	Antenna Wi (240 Deg)	None					111			
24	Antenna Wi (270 Deg)	None					111			
25	Antenna Wi (300 Deg)	None					111			
26	Antenna Wi (330 Deg)	None					111			
27	Antenna Wm (0 Deg)	None					111			
28	Antenna Wm (30 Deg)	None					111			
29	Antenna Wm (60 Deg)	None					111			
30	Antenna Wm (90 Deg)	None					111			
31	Antenna Wm (120 Deg)	None					111			
32	Antenna Wm (150 Deg)	None					111			
33	Antenna Wm (180 Deg)	None					111			
34	Antenna Wm (210 Deg)	None					111			
35	Antenna Wm (240 Deg)	None					111			
36	Antenna Wm (270 Deg)	None					111			
37	Antenna Wm (300 Deg)	None					111			
38	Antenna Wm (330 Deg)	None					111			
39	Structure D	None		-1						
40	Structure Di	None						58		
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De...	None						116		
67	Structure Wm (60 De...	None						116		
68	Structure Wm (90 De...	None						116		
69	Structure Wm (120 D...	None						116		
70	Structure Wm (150 D...	None						116		
71	Structure Wm (180 D...	None						116		
72	Structure Wm (210 D...	None						116		
73	Structure Wm (240 D...	None						116		
74	Structure Wm (270 D...	None						116		
75	Structure Wm (300 D...	None						116		
76	Structure Wm (330 D...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			

Load Combinations

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
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 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (6...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (9...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										

Load Combinations (Continued)

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W...	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	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + 1.0Eh (6...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (9...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N144A	0	0	-1.641667	0	
2	N145	-2.541667	0	-3.141667	0	
3	N146	2.315104	0.166667	-3.141667	0	
4	N147	-2.315104	0.166667	-3.141667	0	
5	N148A	0	0	-3.141667	0	
6	N149	0	0	-6.829167	0	
7	N150	2.315104	0	-3.141667	0	
8	N151	-2.315104	0	-3.141667	0	
9	N152	2.541667	0	-3.141667	0	
10	N153	-0.166667	0	-3.141667	0	
11	N154	0.166667	0	-3.141667	0	
12	N155	-2.541667	0	-3.360417	0	
13	N156	2.541667	0	-3.360417	0	
14	N157	2.458333	0	-3.504754	0	
15	N158	0.571615	0	-6.73219	0	
16	N159	-2.458333	0	-3.504754	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
17	N160	-0.571615	0	-6.73219	0	
18	N161	2.584629	0	-3.577671	0	
19	N162	-2.584629	0	-3.577671	0	
20	N163	-0.515625	0	-6.829167	0	
21	N164	0.515625	0	-6.829167	0	
22	N165	0.715429	0	-6.815221	0	
23	N166	-0.715429	0	-6.815221	0	
24	N167	0	0	-6.745833	0	
25	N168	0.234238	0.166667	-6.745833	0	
26	N169	0.234238	0	-6.745833	0	
27	N170	-0.234238	0.166667	-6.745833	0	
28	N171	-0.234238	0	-6.745833	0	
29	N172	-1.421725	0	0.820833	0	
30	N173	-1.44993	0	3.771981	0	
31	N174	-3.878315	0.166667	-0.434106	0	
32	N175	-1.563211	0.166667	3.575772	0	
33	N176	-2.720763	0	1.570833	0	
34	N177	-5.914232	0	3.414583	0	
35	N178	-3.878315	0	-0.434106	0	
36	N179	-1.563211	0	3.575772	0	
37	N180	-3.991596	0	-0.630315	0	
38	N181	-2.63743	0	1.715171	0	
39	N182	-2.804096	0	1.426496	0	
40	N183	-1.639373	0	3.881356	0	
41	N184	-4.18104	0	-0.52094	0	
42	N185	-4.264373	0	-0.376602	0	
43	N186	-6.116055	0	2.871062	0	
44	N187	-1.80604	0	3.881356	0	
45	N188	-5.54444	0	3.861128	0	
46	N189	-4.390669	0	-0.449519	0	
47	N190	-1.80604	0	4.02719	0	
48	N191	-5.656419	0	3.861128	0	
49	N192	-6.172044	0	2.968039	0	
50	N193	-6.259869	0	2.788031	0	
51	N194	-5.54444	0	4.02719	0	
52	N195	-5.842063	0	3.372917	0	
53	N196	-5.959182	0.166667	3.170061	0	
54	N197	-5.959182	0	3.170061	0	
55	N198	-5.724944	0.166667	3.575772	0	
56	N199	-5.724944	0	3.575772	0	
57	N200	1.421725	0	0.820833	0	
58	N201	3.991596	0	-0.630315	0	
59	N202	1.563211	0.166667	3.575772	0	
60	N203	3.878315	0.166667	-0.434106	0	
61	N204	2.720763	0	1.570833	0	
62	N205	5.914232	0	3.414583	0	
63	N206	1.563211	0	3.575772	0	
64	N207	3.878315	0	-0.434106	0	
65	N208	1.44993	0	3.771981	0	
66	N209	2.804096	0	1.426496	0	
67	N210	2.63743	0	1.715171	0	
68	N211	4.18104	0	-0.52094	0	
69	N212	1.639373	0	3.881356	0	
70	N213	1.80604	0	3.881356	0	
71	N214	5.54444	0	3.861128	0	
72	N215	4.264373	0	-0.376602	0	
73	N216	6.116055	0	2.871062	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
74	N217	1.80604	0	4.02719	0	
75	N218	4.390669	0	-0.449519	0	
76	N219	6.172044	0	2.968039	0	
77	N220	5.656419	0	3.861128	0	
78	N221	5.54444	0	4.02719	0	
79	N222	6.259869	0	2.788031	0	
80	N223	5.842063	0	3.372917	0	
81	N224	5.724944	0.166667	3.575772	0	
82	N225	5.724944	0	3.575772	0	
83	N226	5.959182	0.166667	3.170061	0	
84	N227	5.959182	0	3.170061	0	
85	N228	0.	0	4.02719	0	
86	N230	6.25	0	4.02719	0	
87	N231	-6.25	0	4.02719	0	
88	N232	6.	0	4.02719	0	
89	N233	6.	0	4.27719	0	
90	N246	6.	-2.25	4.27719	0	
91	N247	6.	5.75	4.27719	0	
92	N248	-1.430762	0	4.02719	0	
93	N249	-5.169162	0	4.02719	0	
94	N250	1.430762	0	4.02719	0	
95	N251	5.169162	0	4.02719	0	
96	N112	6.25	3.5	4.02719	0	
97	N113	-6.25	3.5	4.02719	0	
98	N114	6.	3.5	4.02719	0	
99	N115	6.	3.5	4.27719	0	
100	N122	-5.169162	3.5	4.02719	0	
101	N123	5.169162	3.5	4.02719	0	
102	N124	0.362649	3.5	-7.426254	0	
103	N125	6.612649	3.5	3.399064	0	
104	N126	-6.612649	3.5	3.399064	0	
105	N127	-0.362649	3.5	-7.426254	0	
106	N128	5.391667	3.5	4.02719	0	
107	N129	5.391667	3.5	3.860523	0	
108	N130	-5.391667	3.5	4.02719	0	
109	N131	-5.391667	3.5	3.860523	0	
110	N132	0.791815	3.5	-6.682915	0	
111	N133	0.647478	3.5	-6.599582	0	
112	N134	6.183482	3.5	2.655725	0	
113	N135	6.039145	3.5	2.739059	0	
114	N136	-6.183482	3.5	2.655725	0	
115	N137	-6.039145	3.5	2.739059	0	
116	N138	-0.791815	3.5	-6.682915	0	
117	N139	-0.647478	3.5	-6.599582	0	
118	N140	2.	0	4.02719	0	
119	N141	2.	0	4.27719	0	
120	N142	2.	-2.25	4.27719	0	
121	N143	2.	5.75	4.27719	0	
122	N146A	2.	3.5	4.02719	0	
123	N147A	2.	3.5	4.27719	0	
124	N148	-2.	0	4.02719	0	
125	N149A	-2.	0	4.27719	0	
126	N150A	-2.	-2.25	4.27719	0	
127	N151A	-2.	5.75	4.27719	0	
128	N154A	-2.	3.5	4.02719	0	
129	N155A	-2.	3.5	4.27719	0	
130	N156A	-6.	0	4.02719	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
131	N157A	-6.	0	4.27719	0	
132	N158A	-6.	-2.25	4.27719	0	
133	N159A	-6.	5.75	4.27719	0	
134	N162A	-6.	3.5	4.02719	0	
135	N163A	-6.	3.5	4.27719	0	
136	N144B	0.487649	0	-7.209747	0	
137	N145B	0.704155	0	-7.334747	0	
138	N146B	0.704155	-2.25	-7.334747	0	
139	N147B	0.704155	5.75	-7.334747	0	
140	N152B	0.487649	3.5	-7.209747	0	
141	N153B	0.704155	3.5	-7.334747	0	
142	N158B	2.487649	0	-3.745646	0	
143	N159B	2.704155	0	-3.870646	0	
144	N160B	2.704155	-2.25	-3.870646	0	
145	N161B	2.704155	5.75	-3.870646	0	
146	N164A	2.487649	3.5	-3.745646	0	
147	N165A	2.704155	3.5	-3.870646	0	
148	N166A	4.487649	0	-0.281544	0	
149	N167A	4.704155	0	-0.406544	0	
150	N168A	4.704155	-2.25	-0.406544	0	
151	N169A	4.704155	5.75	-0.406544	0	
152	N172A	4.487649	3.5	-0.281544	0	
153	N173A	4.704155	3.5	-0.406544	0	
154	N174A	6.487649	0	3.182557	0	
155	N175A	6.704155	0	3.057557	0	
156	N176A	6.704155	-2.25	3.057557	0	
157	N177A	6.704155	5.75	3.057557	0	
158	N180A	6.487649	3.5	3.182557	0	
159	N181A	6.704155	3.5	3.057557	0	
160	N182A	-6.487649	0	3.182557	0	
161	N183A	-6.704155	0	3.057557	0	
162	N184A	-6.704155	-2.25	3.057557	0	
163	N185A	-6.704155	5.75	3.057557	0	
164	N190A	-6.487649	3.5	3.182557	0	
165	N191A	-6.704155	3.5	3.057557	0	
166	N196A	-4.487649	0	-0.281544	0	
167	N197A	-4.704155	0	-0.406544	0	
168	N198A	-4.704155	-2.25	-0.406544	0	
169	N199A	-4.704155	5.75	-0.406544	0	
170	N202A	-4.487649	3.5	-0.281544	0	
171	N203A	-4.704155	3.5	-0.406544	0	
172	N204A	-2.487649	0	-3.745646	0	
173	N205A	-2.704155	0	-3.870646	0	
174	N206A	-2.704155	-2.25	-3.870646	0	
175	N207A	-2.704155	5.75	-3.870646	0	
176	N210A	-2.487649	3.5	-3.745646	0	
177	N211A	-2.704155	3.5	-3.870646	0	
178	N212A	-0.487649	0	-7.209747	0	
179	N213A	-0.704155	0	-7.334747	0	
180	N214A	-0.704155	-2.25	-7.334747	0	
181	N215A	-0.704155	5.75	-7.334747	0	
182	N218A	-0.487649	3.5	-7.209747	0	
183	N219A	-0.704155	3.5	-7.334747	0	
184	N208B	0.362649	0	-7.426254	0	
185	N209B	6.612649	0	3.399064	0	
186	N210B	-6.612649	0	3.399064	0	
187	N211B	-0.362649	0	-7.426254	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
188	N212B	0	0	-2.141667	0	
189	N213B	0.266667	0	-2.141667	0	
190	N214B	0.266667	-.5	-2.141667	0	
191	N215B	0.266667	2.5	-2.141667	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossm...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Con...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	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
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M100	N144A	N149			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M101	N152	N154			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
3	M102	N153	N145			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M103	N163	N164			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M104	N147	N151			RIGID	None	None	RIGID	Typical
6	M105	N146	N150			RIGID	None	None	RIGID	Typical
7	M106	N168	N146			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M107	N147	N170			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M108	N170	N171			RIGID	None	None	RIGID	Typical
10	M109	N153	N148A			RIGID	None	None	RIGID	Typical
11	M110	N148A	N154			RIGID	None	None	RIGID	Typical
12	M111	N152	N156			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M112	N156	N157			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M113	N157	N161			RIGID	None	None	RIGID	Typical
15	M114	N164	N158			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M115	N158	N165			RIGID	None	None	RIGID	Typical
17	M116	N145	N155			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M117	N155	N159			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M118	N159	N162			RIGID	None	None	RIGID	Typical
20	M119	N163	N160			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M120	N160	N166			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
22	M121	N171	N167			RIGID	None	None	RIGID	Typical
23	M122	N167	N169			RIGID	None	None	RIGID	Typical
24	M123	N168	N169			RIGID	None	None	RIGID	Typical
25	M124	N172	N177			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
26	M125	N180	N182			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
27	M126	N181	N173			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
28	M127	N191	N192			Corner Plate	Beam	BAR	A36 Gr.36	Typical
29	M128	N175	N179		240	RIGID	None	None	RIGID	Typical
30	M129	N174	N178		240	RIGID	None	None	RIGID	Typical
31	M130	N196	N174			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M131	N175	N198			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M132	N198	N199		240	RIGID	None	None	RIGID	Typical
34	M133	N181	N176			RIGID	None	None	RIGID	Typical
35	M134	N176	N182			RIGID	None	None	RIGID	Typical
36	M135	N180	N184			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
37	M136	N184	N185			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M137	N185	N189			RIGID	None	None	RIGID	Typical
39	M138	N192	N186			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M139	N186	N193			RIGID	None	None	RIGID	Typical
41	M140	N173	N183			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M141	N183	N187			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M142	N187	N190			RIGID	None	None	RIGID	Typical
44	M143	N191	N188			Corner Plate	Beam	BAR	A36 Gr.36	Typical
45	M144	N188	N194			RIGID	None	None	RIGID	Typical
46	M145	N199	N195			RIGID	None	None	RIGID	Typical
47	M146	N195	N197			RIGID	None	None	RIGID	Typical
48	M147	N196	N197		240	RIGID	None	None	RIGID	Typical
49	M148	N200	N205			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
50	M149	N208	N210			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
51	M150	N209	N201			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
52	M151	N219	N220			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M152	N203	N207		120	RIGID	None	None	RIGID	Typical
54	M153	N202	N206		120	RIGID	None	None	RIGID	Typical
55	M154	N224	N202			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M155	N203	N226			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M156	N226	N227		120	RIGID	None	None	RIGID	Typical
58	M157	N209	N204			RIGID	None	None	RIGID	Typical
59	M158	N204	N210			RIGID	None	None	RIGID	Typical
60	M159	N208	N212			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M160	N212	N213			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M161	N213	N217			RIGID	None	None	RIGID	Typical
63	M162	N220	N214			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M163	N214	N221			RIGID	None	None	RIGID	Typical
65	M164	N201	N211			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M165	N211	N215			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M166	N215	N218			RIGID	None	None	RIGID	Typical
68	M167	N219	N216			Corner Plate	Beam	BAR	A36 Gr.36	Typical
69	M168	N216	N222			RIGID	None	None	RIGID	Typical
70	M169	N227	N223			RIGID	None	None	RIGID	Typical
71	M170	N223	N225			RIGID	None	None	RIGID	Typical
72	M171	N224	N225		120	RIGID	None	None	RIGID	Typical
73	M172	N230	N231			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M173	N232	N233			RIGID	None	None	RIGID	Typical
75	MP1A	N247	N246			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
76	M82	N112	N113			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M83	N114	N115			RIGID	None	None	RIGID	Typical
78	M87	N124	N125			Support Rail	Beam	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
79	M88	N126	N127			Support Rail	Beam	Pipe	A53 Gr.B	Typical
80	M89	N128	N129			RIGID	None	None	RIGID	Typical
81	M90	N130	N131			RIGID	None	None	RIGID	Typical
82	M91	N132	N133			RIGID	None	None	RIGID	Typical
83	M92	N134	N135			RIGID	None	None	RIGID	Typical
84	M93	N136	N137			RIGID	None	None	RIGID	Typical
85	M94	N138	N139			RIGID	None	None	RIGID	Typical
86	M95	N140	N141			RIGID	None	None	RIGID	Typical
87	MP2A	N143	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M97	N146A	N147A			RIGID	None	None	RIGID	Typical
89	M98	N148	N149A			RIGID	None	None	RIGID	Typical
90	MP3A	N151A	N150A			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M100A	N154A	N155A			RIGID	None	None	RIGID	Typical
92	M101A	N156A	N157A			RIGID	None	None	RIGID	Typical
93	MP4A	N159A	N158A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M103A	N162A	N163A			RIGID	None	None	RIGID	Typical
95	M95A	N144B	N145B			RIGID	None	None	RIGID	Typical
96	MP1C	N147B	N146B		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	M98A	N152B	N153B			RIGID	None	None	RIGID	Typical
98	M101B	N158B	N159B			RIGID	None	None	RIGID	Typical
99	MP2C	N161B	N160B		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M103B	N164A	N165A			RIGID	None	None	RIGID	Typical
101	M104A	N166A	N167A			RIGID	None	None	RIGID	Typical
102	MP3C	N169A	N168A		240	Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M106A	N172A	N173A			RIGID	None	None	RIGID	Typical
104	M107A	N174A	N175A			RIGID	None	None	RIGID	Typical
105	MP4C	N177A	N176A		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M109A	N180A	N181A			RIGID	None	None	RIGID	Typical
107	M110A	N182A	N183A			RIGID	None	None	RIGID	Typical
108	MP1B	N185A	N184A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	M113A	N190A	N191A			RIGID	None	None	RIGID	Typical
110	M116A	N196A	N197A			RIGID	None	None	RIGID	Typical
111	MP2B	N199A	N198A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
112	M118A	N202A	N203A			RIGID	None	None	RIGID	Typical
113	M119A	N204A	N205A			RIGID	None	None	RIGID	Typical
114	MP3B	N207A	N206A		120	Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M121A	N210A	N211A			RIGID	None	None	RIGID	Typical
116	M122A	N212A	N213A			RIGID	None	None	RIGID	Typical
117	MP4B	N215A	N214A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
118	M124A	N218A	N219A			RIGID	None	None	RIGID	Typical
119	M125A	N208B	N209B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
120	M126A	N210B	N211B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
121	M127A	N139	N133		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
122	M128A	N131	N137		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
123	M129A	N135	N129		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	OVP	N215B	N214B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
125	M131A	N212B	N213B			RIGID	None	None	RIGID	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	M100						Yes				None
2	M101						Yes	Default			None
3	M102						Yes	Default			None
4	M103						Yes	Default			None
5	M104						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...
6	M105						Yes	** NA **			None
7	M106	OOOOOX	OOOOOX				Yes	Default			None
8	M107	OOOOOX	OOOOOX				Yes	Default			None
9	M108						Yes	** NA **			None
10	M109						Yes	** NA **			None
11	M110						Yes	** NA **			None
12	M111						Yes	** NA **			None
13	M112						Yes	** NA **			None
14	M113		BenPIN				Yes	** NA **			None
15	M114						Yes				None
16	M115		BenPIN				Yes	** NA **			None
17	M116						Yes	** NA **			None
18	M117						Yes	** NA **			None
19	M118		BenPIN				Yes	** NA **			None
20	M119						Yes				None
21	M120		BenPIN				Yes	** NA **			None
22	M121						Yes	** NA **			None
23	M122						Yes	** NA **			None
24	M123						Yes	** NA **			None
25	M124						Yes				None
26	M125						Yes	Default			None
27	M126						Yes	Default			None
28	M127						Yes	Default			None
29	M128						Yes	** NA **			None
30	M129						Yes	** NA **			None
31	M130	OOOOOX	OOOOOX				Yes	Default			None
32	M131	OOOOOX	OOOOOX				Yes	Default			None
33	M132						Yes	** NA **			None
34	M133						Yes	** NA **			None
35	M134						Yes	** NA **			None
36	M135						Yes	** NA **			None
37	M136						Yes	** NA **			None
38	M137		BenPIN				Yes	** NA **			None
39	M138						Yes				None
40	M139		BenPIN				Yes	** NA **			None
41	M140						Yes	** NA **			None
42	M141						Yes	** NA **			None
43	M142		BenPIN				Yes	** NA **			None
44	M143						Yes				None
45	M144		BenPIN				Yes	** NA **			None
46	M145						Yes	** NA **			None
47	M146						Yes	** NA **			None
48	M147						Yes	** NA **			None
49	M148						Yes				None
50	M149						Yes	Default			None
51	M150						Yes	Default			None
52	M151						Yes	Default			None
53	M152						Yes	** NA **			None
54	M153						Yes	** NA **			None
55	M154	OOOOOX	OOOOOX				Yes	Default			None
56	M155	OOOOOX	OOOOOX				Yes	Default			None
57	M156						Yes	** NA **			None
58	M157						Yes	** NA **			None
59	M158						Yes	** NA **			None
60	M159						Yes	** NA **			None
61	M160						Yes	** NA **			None
62	M161		BenPIN				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...
63	M162						Yes				None
64	M163		BenPIN				Yes	** NA **			None
65	M164						Yes	** NA **			None
66	M165						Yes	** NA **			None
67	M166		BenPIN				Yes	** NA **			None
68	M167						Yes				None
69	M168		BenPIN				Yes	** NA **			None
70	M169						Yes	** NA **			None
71	M170						Yes	** NA **			None
72	M171						Yes	** NA **			None
73	M172						Yes	Default			None
74	M173						Yes	** NA **			None
75	MP1A						Yes	** NA **			None
76	M82						Yes	Default			None
77	M83						Yes	** NA **			None
78	M87						Yes	Default			None
79	M88						Yes	Default			None
80	M89	OOOOOX					Yes	** NA **			None
81	M90	OOOOOX					Yes	** NA **			None
82	M91	OOOOOX					Yes	** NA **			None
83	M92	OOOOOX					Yes	** NA **			None
84	M93	OOOOOX					Yes	** NA **			None
85	M94	OOOOOX					Yes	** NA **			None
86	M95						Yes	** NA **			None
87	MP2A						Yes	** NA **			None
88	M97						Yes	** NA **			None
89	M98						Yes	** NA **			None
90	MP3A						Yes	** NA **			None
91	M100A						Yes	** NA **			None
92	M101A						Yes	** NA **			None
93	MP4A						Yes	** NA **			None
94	M103A						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	MP1C						Yes	** NA **			None
97	M98A						Yes	** NA **			None
98	M101B						Yes	** NA **			None
99	MP2C						Yes	** NA **			None
100	M103B						Yes	** NA **			None
101	M104A						Yes	** NA **			None
102	MP3C						Yes	** NA **			None
103	M106A						Yes	** NA **			None
104	M107A						Yes	** NA **			None
105	MP4C						Yes	** NA **			None
106	M109A						Yes	** NA **			None
107	M110A						Yes	** NA **			None
108	MP1B						Yes	** NA **			None
109	M113A						Yes	** NA **			None
110	M116A						Yes	** NA **			None
111	MP2B						Yes	** NA **			None
112	M118A						Yes	** NA **			None
113	M119A						Yes	** NA **			None
114	MP3B						Yes	** NA **			None
115	M121A						Yes	** NA **			None
116	M122A						Yes	** NA **			None
117	MP4B						Yes	** NA **			None
118	M124A						Yes	** NA **			None
119	M125A						Yes	Default			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...
120	M126A						Yes	Default			None
121	M127A						Yes	Default			None
122	M128A						Yes	Default			None
123	M129A						Yes	Default			None
124	OVP						Yes	** NA **			None
125	M131A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-43.55	3
2	MP2A	My	-.022	3
3	MP2A	Mz	0	3
4	MP2A	Y	-43.55	5
5	MP2A	My	-.022	5
6	MP2A	Mz	0	5
7	MP2B	Y	-43.55	3
8	MP2B	My	.019	3
9	MP2B	Mz	-.011	3
10	MP2B	Y	-43.55	5
11	MP2B	My	.019	5
12	MP2B	Mz	-.011	5
13	MP2C	Y	-43.55	3
14	MP2C	My	.011	3
15	MP2C	Mz	.019	3
16	MP2C	Y	-43.55	5
17	MP2C	My	.011	5
18	MP2C	Mz	.019	5
19	MP4A	Y	-84.4	4
20	MP4A	My	.042	4
21	MP4A	Mz	0	4
22	MP4B	Y	-84.4	4
23	MP4B	My	-.021	4
24	MP4B	Mz	.037	4
25	MP4C	Y	-84.4	4
26	MP4C	My	-.021	4
27	MP4C	Mz	-.037	4
28	MP3A	Y	-70.3	4
29	MP3A	My	.035	4
30	MP3A	Mz	0	4
31	MP3B	Y	-70.3	4
32	MP3B	My	-.018	4
33	MP3B	Mz	.03	4
34	MP3C	Y	-70.3	4
35	MP3C	My	-.018	4
36	MP3C	Mz	-.03	4
37	OVP	Y	-32	1
38	OVP	My	0	1
39	OVP	Mz	0	1
40	MP3A	Y	-20	2
41	MP3A	My	-.01	2
42	MP3A	Mz	.01	2
43	MP3A	Y	-20	6
44	MP3A	My	-.01	6
45	MP3A	Mz	.01	6
46	MP3B	Y	-20	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	My	.004	2
48	MP3B	Mz	-.014	2
49	MP3B	Y	-20	6
50	MP3B	My	.004	6
51	MP3B	Mz	-.014	6
52	MP3C	Y	-20	2
53	MP3C	My	.014	2
54	MP3C	Mz	.004	2
55	MP3C	Y	-20	6
56	MP3C	My	.014	6
57	MP3C	Mz	.004	6
58	MP3A	Y	-20	2
59	MP3A	My	-.01	2
60	MP3A	Mz	-.01	2
61	MP3A	Y	-20	6
62	MP3A	My	-.01	6
63	MP3A	Mz	-.01	6
64	MP3B	Y	-20	2
65	MP3B	My	.014	2
66	MP3B	Mz	.004	2
67	MP3B	Y	-20	6
68	MP3B	My	.014	6
69	MP3B	Mz	.004	6
70	MP3C	Y	-20	2
71	MP3C	My	-.004	2
72	MP3C	Mz	.014	2
73	MP3C	Y	-20	6
74	MP3C	My	-.004	6
75	MP3C	Mz	.014	6
76	MP1A	Y	-6	3
77	MP1A	My	-.003	3
78	MP1A	Mz	0	3
79	MP1A	Y	-6	5
80	MP1A	My	-.003	5
81	MP1A	Mz	0	5
82	MP1B	Y	-6	3
83	MP1B	My	.002	3
84	MP1B	Mz	-.003	3
85	MP1B	Y	-6	5
86	MP1B	My	.002	5
87	MP1B	Mz	-.003	5
88	MP1C	Y	-6	3
89	MP1C	My	.002	3
90	MP1C	Mz	.003	3
91	MP1C	Y	-6	5
92	MP1C	My	.002	5
93	MP1C	Mz	.003	5
94	MP4A	Y	-6	3
95	MP4A	My	-.003	3
96	MP4A	Mz	0	3
97	MP4A	Y	-6	5
98	MP4A	My	-.003	5
99	MP4A	Mz	0	5
100	MP4B	Y	-6	3
101	MP4B	My	.002	3
102	MP4B	Mz	-.003	3
103	MP4B	Y	-6	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP4B	My	.002	5
105	MP4B	Mz	-.003	5
106	MP4C	Y	-6	3
107	MP4C	My	.002	3
108	MP4C	Mz	.003	3
109	MP4C	Y	-6	5
110	MP4C	My	.002	5
111	MP4C	Mz	.003	5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-62.3	3
2	MP2A	My	-.031	3
3	MP2A	Mz	0	3
4	MP2A	Y	-62.3	5
5	MP2A	My	-.031	5
6	MP2A	Mz	0	5
7	MP2B	Y	-62.3	3
8	MP2B	My	.027	3
9	MP2B	Mz	-.016	3
10	MP2B	Y	-62.3	5
11	MP2B	My	.027	5
12	MP2B	Mz	-.016	5
13	MP2C	Y	-62.3	3
14	MP2C	My	.016	3
15	MP2C	Mz	.027	3
16	MP2C	Y	-62.3	5
17	MP2C	My	.016	5
18	MP2C	Mz	.027	5
19	MP4A	Y	-72.975	4
20	MP4A	My	.036	4
21	MP4A	Mz	0	4
22	MP4B	Y	-72.975	4
23	MP4B	My	-.018	4
24	MP4B	Mz	.032	4
25	MP4C	Y	-72.975	4
26	MP4C	My	-.018	4
27	MP4C	Mz	-.032	4
28	MP3A	Y	-65.897	4
29	MP3A	My	.033	4
30	MP3A	Mz	0	4
31	MP3B	Y	-65.897	4
32	MP3B	My	-.016	4
33	MP3B	Mz	.029	4
34	MP3C	Y	-65.897	4
35	MP3C	My	-.016	4
36	MP3C	Mz	-.029	4
37	OVP	Y	-140.369	1
38	OVP	My	0	1
39	OVP	Mz	0	1
40	MP3A	Y	-97.961	2
41	MP3A	My	-.049	2
42	MP3A	Mz	.049	2
43	MP3A	Y	-97.961	6
44	MP3A	My	-.049	6
45	MP3A	Mz	.049	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	Y	-97.961	2
47	MP3B	My	.018	2
48	MP3B	Mz	-.067	2
49	MP3B	Y	-97.961	6
50	MP3B	My	.018	6
51	MP3B	Mz	-.067	6
52	MP3C	Y	-97.961	2
53	MP3C	My	.067	2
54	MP3C	Mz	.018	2
55	MP3C	Y	-97.961	6
56	MP3C	My	.067	6
57	MP3C	Mz	.018	6
58	MP3A	Y	-97.961	2
59	MP3A	My	-.049	2
60	MP3A	Mz	-.049	2
61	MP3A	Y	-97.961	6
62	MP3A	My	-.049	6
63	MP3A	Mz	-.049	6
64	MP3B	Y	-97.961	2
65	MP3B	My	.067	2
66	MP3B	Mz	.018	2
67	MP3B	Y	-97.961	6
68	MP3B	My	.067	6
69	MP3B	Mz	.018	6
70	MP3C	Y	-97.961	2
71	MP3C	My	-.018	2
72	MP3C	Mz	.067	2
73	MP3C	Y	-97.961	6
74	MP3C	My	-.018	6
75	MP3C	Mz	.067	6
76	MP1A	Y	-65.011	3
77	MP1A	My	-.033	3
78	MP1A	Mz	0	3
79	MP1A	Y	-65.011	5
80	MP1A	My	-.033	5
81	MP1A	Mz	0	5
82	MP1B	Y	-65.011	3
83	MP1B	My	.016	3
84	MP1B	Mz	-.028	3
85	MP1B	Y	-65.011	5
86	MP1B	My	.016	5
87	MP1B	Mz	-.028	5
88	MP1C	Y	-65.011	3
89	MP1C	My	.016	3
90	MP1C	Mz	.028	3
91	MP1C	Y	-65.011	5
92	MP1C	My	.016	5
93	MP1C	Mz	.028	5
94	MP4A	Y	-65.011	3
95	MP4A	My	-.033	3
96	MP4A	Mz	0	3
97	MP4A	Y	-65.011	5
98	MP4A	My	-.033	5
99	MP4A	Mz	0	5
100	MP4B	Y	-65.011	3
101	MP4B	My	.016	3
102	MP4B	Mz	-.028	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4B	Y	-65.011	5
104	MP4B	My	.016	5
105	MP4B	Mz	-.028	5
106	MP4C	Y	-65.011	3
107	MP4C	My	.016	3
108	MP4C	Mz	.028	3
109	MP4C	Y	-65.011	5
110	MP4C	My	.016	5
111	MP4C	Mz	.028	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	-98.274	3
3	MP2A	Mx	0	3
4	MP2A	X	0	5
5	MP2A	Z	-98.274	5
6	MP2A	Mx	0	5
7	MP2B	X	0	3
8	MP2B	Z	-83.324	3
9	MP2B	Mx	.021	3
10	MP2B	X	0	5
11	MP2B	Z	-83.324	5
12	MP2B	Mx	.021	5
13	MP2C	X	0	3
14	MP2C	Z	-53.424	3
15	MP2C	Mx	-.023	3
16	MP2C	X	0	5
17	MP2C	Z	-53.424	5
18	MP2C	Mx	-.023	5
19	MP4A	X	0	4
20	MP4A	Z	-64.05	4
21	MP4A	Mx	0	4
22	MP4B	X	0	4
23	MP4B	Z	-48.123	4
24	MP4B	Mx	-.021	4
25	MP4C	X	0	4
26	MP4C	Z	-48.123	4
27	MP4C	Mx	.021	4
28	MP3A	X	0	4
29	MP3A	Z	-64.05	4
30	MP3A	Mx	0	4
31	MP3B	X	0	4
32	MP3B	Z	-42.022	4
33	MP3B	Mx	-.018	4
34	MP3C	X	0	4
35	MP3C	Z	-42.022	4
36	MP3C	Mx	.018	4
37	OVP	X	0	1
38	OVP	Z	-130.819	1
39	OVP	Mx	0	1
40	MP3A	X	0	2
41	MP3A	Z	-139.745	2
42	MP3A	Mx	-.07	2
43	MP3A	X	0	6
44	MP3A	Z	-139.745	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3A	Mx	-.07	6
46	MP3B	X	0	2
47	MP3B	Z	-127.913	2
48	MP3B	Mx	.087	2
49	MP3B	X	0	6
50	MP3B	Z	-127.913	6
51	MP3B	Mx	.087	6
52	MP3C	X	0	2
53	MP3C	Z	-104.247	2
54	MP3C	Mx	-.019	2
55	MP3C	X	0	6
56	MP3C	Z	-104.247	6
57	MP3C	Mx	-.019	6
58	MP3A	X	0	2
59	MP3A	Z	-139.745	2
60	MP3A	Mx	.07	2
61	MP3A	X	0	6
62	MP3A	Z	-139.745	6
63	MP3A	Mx	.07	6
64	MP3B	X	0	2
65	MP3B	Z	-127.913	2
66	MP3B	Mx	-.023	2
67	MP3B	X	0	6
68	MP3B	Z	-127.913	6
69	MP3B	Mx	-.023	6
70	MP3C	X	0	2
71	MP3C	Z	-104.247	2
72	MP3C	Mx	-.071	2
73	MP3C	X	0	6
74	MP3C	Z	-104.247	6
75	MP3C	Mx	-.071	6
76	MP1A	X	0	3
77	MP1A	Z	-44.698	3
78	MP1A	Mx	0	3
79	MP1A	X	0	5
80	MP1A	Z	-44.698	5
81	MP1A	Mx	0	5
82	MP1B	X	0	3
83	MP1B	Z	-80.519	3
84	MP1B	Mx	.035	3
85	MP1B	X	0	5
86	MP1B	Z	-80.519	5
87	MP1B	Mx	.035	5
88	MP1C	X	0	3
89	MP1C	Z	-80.519	3
90	MP1C	Mx	-.035	3
91	MP1C	X	0	5
92	MP1C	Z	-80.519	5
93	MP1C	Mx	-.035	5
94	MP4A	X	0	3
95	MP4A	Z	-44.698	3
96	MP4A	Mx	0	3
97	MP4A	X	0	5
98	MP4A	Z	-44.698	5
99	MP4A	Mx	0	5
100	MP4B	X	0	3
101	MP4B	Z	-80.519	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4B	Mx	.035	3
103	MP4B	X	0	5
104	MP4B	Z	-80.519	5
105	MP4B	Mx	.035	5
106	MP4C	X	0	3
107	MP4C	Z	-80.519	3
108	MP4C	Mx	-.035	3
109	MP4C	X	0	5
110	MP4C	Z	-80.519	5
111	MP4C	Mx	-.035	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	41.662	3
2	MP2A	Z	-72.161	3
3	MP2A	Mx	-.021	3
4	MP2A	X	41.662	5
5	MP2A	Z	-72.161	5
6	MP2A	Mx	-.021	5
7	MP2B	X	26.712	3
8	MP2B	Z	-46.267	3
9	MP2B	Mx	.023	3
10	MP2B	X	26.712	5
11	MP2B	Z	-46.267	5
12	MP2B	Mx	.023	5
13	MP2C	X	41.662	3
14	MP2C	Z	-72.161	3
15	MP2C	Mx	-.021	3
16	MP2C	X	41.662	5
17	MP2C	Z	-72.161	5
18	MP2C	Mx	-.021	5
19	MP4A	X	29.371	4
20	MP4A	Z	-50.871	4
21	MP4A	Mx	.015	4
22	MP4B	X	21.407	4
23	MP4B	Z	-37.078	4
24	MP4B	Mx	-.021	4
25	MP4C	X	29.371	4
26	MP4C	Z	-50.871	4
27	MP4C	Mx	.015	4
28	MP3A	X	28.354	4
29	MP3A	Z	-49.11	4
30	MP3A	Mx	.014	4
31	MP3B	X	17.34	4
32	MP3B	Z	-30.033	4
33	MP3B	Mx	-.017	4
34	MP3C	X	28.354	4
35	MP3C	Z	-49.11	4
36	MP3C	Mx	.014	4
37	OVP	X	57.168	1
38	OVP	Z	-99.017	1
39	OVP	Mx	0	1
40	MP3A	X	63.956	2
41	MP3A	Z	-110.776	2
42	MP3A	Mx	-.087	2
43	MP3A	X	63.956	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3A	Z	-110.776	6
45	MP3A	Mx	-.087	6
46	MP3B	X	52.124	2
47	MP3B	Z	-90.281	2
48	MP3B	Mx	.071	2
49	MP3B	X	52.124	6
50	MP3B	Z	-90.281	6
51	MP3B	Mx	.071	6
52	MP3C	X	63.956	2
53	MP3C	Z	-110.776	2
54	MP3C	Mx	.023	2
55	MP3C	X	63.956	6
56	MP3C	Z	-110.776	6
57	MP3C	Mx	.023	6
58	MP3A	X	63.956	2
59	MP3A	Z	-110.776	2
60	MP3A	Mx	.023	2
61	MP3A	X	63.956	6
62	MP3A	Z	-110.776	6
63	MP3A	Mx	.023	6
64	MP3B	X	52.124	2
65	MP3B	Z	-90.281	2
66	MP3B	Mx	.019	2
67	MP3B	X	52.124	6
68	MP3B	Z	-90.281	6
69	MP3B	Mx	.019	6
70	MP3C	X	63.956	2
71	MP3C	Z	-110.776	2
72	MP3C	Mx	-.087	2
73	MP3C	X	63.956	6
74	MP3C	Z	-110.776	6
75	MP3C	Mx	-.087	6
76	MP1A	X	28.319	3
77	MP1A	Z	-49.05	3
78	MP1A	Mx	-.014	3
79	MP1A	X	28.319	5
80	MP1A	Z	-49.05	5
81	MP1A	Mx	-.014	5
82	MP1B	X	46.23	3
83	MP1B	Z	-80.072	3
84	MP1B	Mx	.046	3
85	MP1B	X	46.23	5
86	MP1B	Z	-80.072	5
87	MP1B	Mx	.046	5
88	MP1C	X	28.319	3
89	MP1C	Z	-49.05	3
90	MP1C	Mx	-.014	3
91	MP1C	X	28.319	5
92	MP1C	Z	-49.05	5
93	MP1C	Mx	-.014	5
94	MP4A	X	28.319	3
95	MP4A	Z	-49.05	3
96	MP4A	Mx	-.014	3
97	MP4A	X	28.319	5
98	MP4A	Z	-49.05	5
99	MP4A	Mx	-.014	5
100	MP4B	X	46.23	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4B	Z	-80.072	3
102	MP4B	Mx	.046	3
103	MP4B	X	46.23	5
104	MP4B	Z	-80.072	5
105	MP4B	Mx	.046	5
106	MP4C	X	28.319	3
107	MP4C	Z	-49.05	3
108	MP4C	Mx	-.014	3
109	MP4C	X	28.319	5
110	MP4C	Z	-49.05	5
111	MP4C	Mx	-.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	46.267	3
2	MP2A	Z	-26.712	3
3	MP2A	Mx	-.023	3
4	MP2A	X	46.267	5
5	MP2A	Z	-26.712	5
6	MP2A	Mx	-.023	5
7	MP2B	X	33.32	3
8	MP2B	Z	-19.237	3
9	MP2B	Mx	.019	3
10	MP2B	X	33.32	5
11	MP2B	Z	-19.237	5
12	MP2B	Mx	.019	5
13	MP2C	X	85.108	3
14	MP2C	Z	-49.137	3
15	MP2C	Mx	0	3
16	MP2C	X	85.108	5
17	MP2C	Z	-49.137	5
18	MP2C	Mx	0	5
19	MP4A	X	41.676	4
20	MP4A	Z	-24.062	4
21	MP4A	Mx	.021	4
22	MP4B	X	41.676	4
23	MP4B	Z	-24.062	4
24	MP4B	Mx	-.021	4
25	MP4C	X	55.469	4
26	MP4C	Z	-32.025	4
27	MP4C	Mx	0	4
28	MP3A	X	36.392	4
29	MP3A	Z	-21.011	4
30	MP3A	Mx	.018	4
31	MP3B	X	36.392	4
32	MP3B	Z	-21.011	4
33	MP3B	Mx	-.018	4
34	MP3C	X	55.469	4
35	MP3C	Z	-32.025	4
36	MP3C	Mx	0	4
37	OVP	X	91.88	1
38	OVP	Z	-53.047	1
39	OVP	Mx	0	1
40	MP3A	X	90.281	2
41	MP3A	Z	-52.124	2
42	MP3A	Mx	-.071	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3A	X	90.281	6
44	MP3A	Z	-52.124	6
45	MP3A	Mx	-.071	6
46	MP3B	X	80.033	2
47	MP3B	Z	-46.207	2
48	MP3B	Mx	.046	2
49	MP3B	X	80.033	6
50	MP3B	Z	-46.207	6
51	MP3B	Mx	.046	6
52	MP3C	X	121.023	2
53	MP3C	Z	-69.873	2
54	MP3C	Mx	.07	2
55	MP3C	X	121.023	6
56	MP3C	Z	-69.873	6
57	MP3C	Mx	.07	6
58	MP3A	X	90.281	2
59	MP3A	Z	-52.124	2
60	MP3A	Mx	-.019	2
61	MP3A	X	90.281	6
62	MP3A	Z	-52.124	6
63	MP3A	Mx	-.019	6
64	MP3B	X	80.033	2
65	MP3B	Z	-46.207	2
66	MP3B	Mx	.046	2
67	MP3B	X	80.033	6
68	MP3B	Z	-46.207	6
69	MP3B	Mx	.046	6
70	MP3C	X	121.023	2
71	MP3C	Z	-69.873	2
72	MP3C	Mx	-.07	2
73	MP3C	X	121.023	6
74	MP3C	Z	-69.873	6
75	MP3C	Mx	-.07	6
76	MP1A	X	69.731	3
77	MP1A	Z	-40.259	3
78	MP1A	Mx	-.035	3
79	MP1A	X	69.731	5
80	MP1A	Z	-40.259	5
81	MP1A	Mx	-.035	5
82	MP1B	X	69.731	3
83	MP1B	Z	-40.259	3
84	MP1B	Mx	.035	3
85	MP1B	X	69.731	5
86	MP1B	Z	-40.259	5
87	MP1B	Mx	.035	5
88	MP1C	X	38.71	3
89	MP1C	Z	-22.349	3
90	MP1C	Mx	0	3
91	MP1C	X	38.71	5
92	MP1C	Z	-22.349	5
93	MP1C	Mx	0	5
94	MP4A	X	69.731	3
95	MP4A	Z	-40.259	3
96	MP4A	Mx	-.035	3
97	MP4A	X	69.731	5
98	MP4A	Z	-40.259	5
99	MP4A	Mx	-.035	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4B	X	69.731	3
101	MP4B	Z	-40.259	3
102	MP4B	Mx	.035	3
103	MP4B	X	69.731	5
104	MP4B	Z	-40.259	5
105	MP4B	Mx	.035	5
106	MP4C	X	38.71	3
107	MP4C	Z	-22.349	3
108	MP4C	Mx	0	3
109	MP4C	X	38.71	5
110	MP4C	Z	-22.349	5
111	MP4C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.474	3
2	MP2A	Z	0	3
3	MP2A	Mx	-.019	3
4	MP2A	X	38.474	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.019	5
7	MP2B	X	53.424	3
8	MP2B	Z	0	3
9	MP2B	Mx	.023	3
10	MP2B	X	53.424	5
11	MP2B	Z	0	5
12	MP2B	Mx	.023	5
13	MP2C	X	83.324	3
14	MP2C	Z	0	3
15	MP2C	Mx	.021	3
16	MP2C	X	83.324	5
17	MP2C	Z	0	5
18	MP2C	Mx	.021	5
19	MP4A	X	42.814	4
20	MP4A	Z	0	4
21	MP4A	Mx	.021	4
22	MP4B	X	58.741	4
23	MP4B	Z	0	4
24	MP4B	Mx	-.015	4
25	MP4C	X	58.741	4
26	MP4C	Z	0	4
27	MP4C	Mx	-.015	4
28	MP3A	X	34.679	4
29	MP3A	Z	0	4
30	MP3A	Mx	.017	4
31	MP3B	X	56.707	4
32	MP3B	Z	0	4
33	MP3B	Mx	-.014	4
34	MP3C	X	56.707	4
35	MP3C	Z	0	4
36	MP3C	Mx	-.014	4
37	OVP	X	114.335	1
38	OVP	Z	0	1
39	OVP	Mx	0	1
40	MP3A	X	92.415	2
41	MP3A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.046	2
43	MP3A	X	92.415	6
44	MP3A	Z	0	6
45	MP3A	Mx	-.046	6
46	MP3B	X	104.247	2
47	MP3B	Z	0	2
48	MP3B	Mx	.019	2
49	MP3B	X	104.247	6
50	MP3B	Z	0	6
51	MP3B	Mx	.019	6
52	MP3C	X	127.913	2
53	MP3C	Z	0	2
54	MP3C	Mx	.087	2
55	MP3C	X	127.913	6
56	MP3C	Z	0	6
57	MP3C	Mx	.087	6
58	MP3A	X	92.415	2
59	MP3A	Z	0	2
60	MP3A	Mx	-.046	2
61	MP3A	X	92.415	6
62	MP3A	Z	0	6
63	MP3A	Mx	-.046	6
64	MP3B	X	104.247	2
65	MP3B	Z	0	2
66	MP3B	Mx	.071	2
67	MP3B	X	104.247	6
68	MP3B	Z	0	6
69	MP3B	Mx	.071	6
70	MP3C	X	127.913	2
71	MP3C	Z	0	2
72	MP3C	Mx	-.023	2
73	MP3C	X	127.913	6
74	MP3C	Z	0	6
75	MP3C	Mx	-.023	6
76	MP1A	X	92.459	3
77	MP1A	Z	0	3
78	MP1A	Mx	-.046	3
79	MP1A	X	92.459	5
80	MP1A	Z	0	5
81	MP1A	Mx	-.046	5
82	MP1B	X	56.638	3
83	MP1B	Z	0	3
84	MP1B	Mx	.014	3
85	MP1B	X	56.638	5
86	MP1B	Z	0	5
87	MP1B	Mx	.014	5
88	MP1C	X	56.638	3
89	MP1C	Z	0	3
90	MP1C	Mx	.014	3
91	MP1C	X	56.638	5
92	MP1C	Z	0	5
93	MP1C	Mx	.014	5
94	MP4A	X	92.459	3
95	MP4A	Z	0	3
96	MP4A	Mx	-.046	3
97	MP4A	X	92.459	5
98	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP4A	Mx	-.046	5
100	MP4B	X	56.638	3
101	MP4B	Z	0	3
102	MP4B	Mx	.014	3
103	MP4B	X	56.638	5
104	MP4B	Z	0	5
105	MP4B	Mx	.014	5
106	MP4C	X	56.638	3
107	MP4C	Z	0	3
108	MP4C	Mx	.014	3
109	MP4C	X	56.638	5
110	MP4C	Z	0	5
111	MP4C	Mx	.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	46.267	3
2	MP2A	Z	26.712	3
3	MP2A	Mx	-.023	3
4	MP2A	X	46.267	5
5	MP2A	Z	26.712	5
6	MP2A	Mx	-.023	5
7	MP2B	X	72.161	3
8	MP2B	Z	41.662	3
9	MP2B	Mx	.021	3
10	MP2B	X	72.161	5
11	MP2B	Z	41.662	5
12	MP2B	Mx	.021	5
13	MP2C	X	46.267	3
14	MP2C	Z	26.712	3
15	MP2C	Mx	.023	3
16	MP2C	X	46.267	5
17	MP2C	Z	26.712	5
18	MP2C	Mx	.023	5
19	MP4A	X	41.676	4
20	MP4A	Z	24.062	4
21	MP4A	Mx	.021	4
22	MP4B	X	55.469	4
23	MP4B	Z	32.025	4
24	MP4B	Mx	0	4
25	MP4C	X	41.676	4
26	MP4C	Z	24.062	4
27	MP4C	Mx	-.021	4
28	MP3A	X	36.392	4
29	MP3A	Z	21.011	4
30	MP3A	Mx	.018	4
31	MP3B	X	55.469	4
32	MP3B	Z	32.025	4
33	MP3B	Mx	0	4
34	MP3C	X	36.392	4
35	MP3C	Z	21.011	4
36	MP3C	Mx	-.018	4
37	OVP	X	113.292	1
38	OVP	Z	65.409	1
39	OVP	Mx	0	1
40	MP3A	X	90.281	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	52.124	2
42	MP3A	Mx	-.019	2
43	MP3A	X	90.281	6
44	MP3A	Z	52.124	6
45	MP3A	Mx	-.019	6
46	MP3B	X	110.776	2
47	MP3B	Z	63.956	2
48	MP3B	Mx	-.023	2
49	MP3B	X	110.776	6
50	MP3B	Z	63.956	6
51	MP3B	Mx	-.023	6
52	MP3C	X	90.281	2
53	MP3C	Z	52.124	2
54	MP3C	Mx	.071	2
55	MP3C	X	90.281	6
56	MP3C	Z	52.124	6
57	MP3C	Mx	.071	6
58	MP3A	X	90.281	2
59	MP3A	Z	52.124	2
60	MP3A	Mx	-.071	2
61	MP3A	X	90.281	6
62	MP3A	Z	52.124	6
63	MP3A	Mx	-.071	6
64	MP3B	X	110.776	2
65	MP3B	Z	63.956	2
66	MP3B	Mx	.087	2
67	MP3B	X	110.776	6
68	MP3B	Z	63.956	6
69	MP3B	Mx	.087	6
70	MP3C	X	90.281	2
71	MP3C	Z	52.124	2
72	MP3C	Mx	.019	2
73	MP3C	X	90.281	6
74	MP3C	Z	52.124	6
75	MP3C	Mx	.019	6
76	MP1A	X	69.731	3
77	MP1A	Z	40.259	3
78	MP1A	Mx	-.035	3
79	MP1A	X	69.731	5
80	MP1A	Z	40.259	5
81	MP1A	Mx	-.035	5
82	MP1B	X	38.71	3
83	MP1B	Z	22.349	3
84	MP1B	Mx	0	3
85	MP1B	X	38.71	5
86	MP1B	Z	22.349	5
87	MP1B	Mx	0	5
88	MP1C	X	69.731	3
89	MP1C	Z	40.259	3
90	MP1C	Mx	.035	3
91	MP1C	X	69.731	5
92	MP1C	Z	40.259	5
93	MP1C	Mx	.035	5
94	MP4A	X	69.731	3
95	MP4A	Z	40.259	3
96	MP4A	Mx	-.035	3
97	MP4A	X	69.731	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4A	Z	40.259	5
99	MP4A	Mx	-.035	5
100	MP4B	X	38.71	3
101	MP4B	Z	22.349	3
102	MP4B	Mx	0	3
103	MP4B	X	38.71	5
104	MP4B	Z	22.349	5
105	MP4B	Mx	0	5
106	MP4C	X	69.731	3
107	MP4C	Z	40.259	3
108	MP4C	Mx	.035	3
109	MP4C	X	69.731	5
110	MP4C	Z	40.259	5
111	MP4C	Mx	.035	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	41.662	3
2	MP2A	Z	72.161	3
3	MP2A	Mx	-.021	3
4	MP2A	X	41.662	5
5	MP2A	Z	72.161	5
6	MP2A	Mx	-.021	5
7	MP2B	X	49.137	3
8	MP2B	Z	85.108	3
9	MP2B	Mx	0	3
10	MP2B	X	49.137	5
11	MP2B	Z	85.108	5
12	MP2B	Mx	0	5
13	MP2C	X	19.237	3
14	MP2C	Z	33.32	3
15	MP2C	Mx	.019	3
16	MP2C	X	19.237	5
17	MP2C	Z	33.32	5
18	MP2C	Mx	.019	5
19	MP4A	X	29.371	4
20	MP4A	Z	50.871	4
21	MP4A	Mx	.015	4
22	MP4B	X	29.371	4
23	MP4B	Z	50.871	4
24	MP4B	Mx	.015	4
25	MP4C	X	21.407	4
26	MP4C	Z	37.078	4
27	MP4C	Mx	-.021	4
28	MP3A	X	28.354	4
29	MP3A	Z	49.11	4
30	MP3A	Mx	.014	4
31	MP3B	X	28.354	4
32	MP3B	Z	49.11	4
33	MP3B	Mx	.014	4
34	MP3C	X	17.34	4
35	MP3C	Z	30.033	4
36	MP3C	Mx	-.017	4
37	OVP	X	69.53	1
38	OVP	Z	120.43	1
39	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	63.956	2
41	MP3A	Z	110.776	2
42	MP3A	Mx	.023	2
43	MP3A	X	63.956	6
44	MP3A	Z	110.776	6
45	MP3A	Mx	.023	6
46	MP3B	X	69.873	2
47	MP3B	Z	121.023	2
48	MP3B	Mx	-.07	2
49	MP3B	X	69.873	6
50	MP3B	Z	121.023	6
51	MP3B	Mx	-.07	6
52	MP3C	X	46.207	2
53	MP3C	Z	80.033	2
54	MP3C	Mx	.046	2
55	MP3C	X	46.207	6
56	MP3C	Z	80.033	6
57	MP3C	Mx	.046	6
58	MP3A	X	63.956	2
59	MP3A	Z	110.776	2
60	MP3A	Mx	-.087	2
61	MP3A	X	63.956	6
62	MP3A	Z	110.776	6
63	MP3A	Mx	-.087	6
64	MP3B	X	69.873	2
65	MP3B	Z	121.023	2
66	MP3B	Mx	.07	2
67	MP3B	X	69.873	6
68	MP3B	Z	121.023	6
69	MP3B	Mx	.07	6
70	MP3C	X	46.207	2
71	MP3C	Z	80.033	2
72	MP3C	Mx	.046	2
73	MP3C	X	46.207	6
74	MP3C	Z	80.033	6
75	MP3C	Mx	.046	6
76	MP1A	X	28.319	3
77	MP1A	Z	49.05	3
78	MP1A	Mx	-.014	3
79	MP1A	X	28.319	5
80	MP1A	Z	49.05	5
81	MP1A	Mx	-.014	5
82	MP1B	X	28.319	3
83	MP1B	Z	49.05	3
84	MP1B	Mx	-.014	3
85	MP1B	X	28.319	5
86	MP1B	Z	49.05	5
87	MP1B	Mx	-.014	5
88	MP1C	X	46.23	3
89	MP1C	Z	80.072	3
90	MP1C	Mx	.046	3
91	MP1C	X	46.23	5
92	MP1C	Z	80.072	5
93	MP1C	Mx	.046	5
94	MP4A	X	28.319	3
95	MP4A	Z	49.05	3
96	MP4A	Mx	-.014	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP4A	X	28.319	5
98	MP4A	Z	49.05	5
99	MP4A	Mx	-.014	5
100	MP4B	X	28.319	3
101	MP4B	Z	49.05	3
102	MP4B	Mx	-.014	3
103	MP4B	X	28.319	5
104	MP4B	Z	49.05	5
105	MP4B	Mx	-.014	5
106	MP4C	X	46.23	3
107	MP4C	Z	80.072	3
108	MP4C	Mx	.046	3
109	MP4C	X	46.23	5
110	MP4C	Z	80.072	5
111	MP4C	Mx	.046	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	98.274	3
3	MP2A	Mx	0	3
4	MP2A	X	0	5
5	MP2A	Z	98.274	5
6	MP2A	Mx	0	5
7	MP2B	X	0	3
8	MP2B	Z	83.324	3
9	MP2B	Mx	-.021	3
10	MP2B	X	0	5
11	MP2B	Z	83.324	5
12	MP2B	Mx	-.021	5
13	MP2C	X	0	3
14	MP2C	Z	53.424	3
15	MP2C	Mx	.023	3
16	MP2C	X	0	5
17	MP2C	Z	53.424	5
18	MP2C	Mx	.023	5
19	MP4A	X	0	4
20	MP4A	Z	64.05	4
21	MP4A	Mx	0	4
22	MP4B	X	0	4
23	MP4B	Z	48.123	4
24	MP4B	Mx	.021	4
25	MP4C	X	0	4
26	MP4C	Z	48.123	4
27	MP4C	Mx	-.021	4
28	MP3A	X	0	4
29	MP3A	Z	64.05	4
30	MP3A	Mx	0	4
31	MP3B	X	0	4
32	MP3B	Z	42.022	4
33	MP3B	Mx	.018	4
34	MP3C	X	0	4
35	MP3C	Z	42.022	4
36	MP3C	Mx	-.018	4
37	OVP	X	0	1
38	OVP	Z	130.819	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	OVP	Mx	0	1
40	MP3A	X	0	2
41	MP3A	Z	139.745	2
42	MP3A	Mx	.07	2
43	MP3A	X	0	6
44	MP3A	Z	139.745	6
45	MP3A	Mx	.07	6
46	MP3B	X	0	2
47	MP3B	Z	127.913	2
48	MP3B	Mx	-.087	2
49	MP3B	X	0	6
50	MP3B	Z	127.913	6
51	MP3B	Mx	-.087	6
52	MP3C	X	0	2
53	MP3C	Z	104.247	2
54	MP3C	Mx	.019	2
55	MP3C	X	0	6
56	MP3C	Z	104.247	6
57	MP3C	Mx	.019	6
58	MP3A	X	0	2
59	MP3A	Z	139.745	2
60	MP3A	Mx	-.07	2
61	MP3A	X	0	6
62	MP3A	Z	139.745	6
63	MP3A	Mx	-.07	6
64	MP3B	X	0	2
65	MP3B	Z	127.913	2
66	MP3B	Mx	.023	2
67	MP3B	X	0	6
68	MP3B	Z	127.913	6
69	MP3B	Mx	.023	6
70	MP3C	X	0	2
71	MP3C	Z	104.247	2
72	MP3C	Mx	.071	2
73	MP3C	X	0	6
74	MP3C	Z	104.247	6
75	MP3C	Mx	.071	6
76	MP1A	X	0	3
77	MP1A	Z	44.698	3
78	MP1A	Mx	0	3
79	MP1A	X	0	5
80	MP1A	Z	44.698	5
81	MP1A	Mx	0	5
82	MP1B	X	0	3
83	MP1B	Z	80.519	3
84	MP1B	Mx	-.035	3
85	MP1B	X	0	5
86	MP1B	Z	80.519	5
87	MP1B	Mx	-.035	5
88	MP1C	X	0	3
89	MP1C	Z	80.519	3
90	MP1C	Mx	.035	3
91	MP1C	X	0	5
92	MP1C	Z	80.519	5
93	MP1C	Mx	.035	5
94	MP4A	X	0	3
95	MP4A	Z	44.698	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP4A	Mx	0	3
97	MP4A	X	0	5
98	MP4A	Z	44.698	5
99	MP4A	Mx	0	5
100	MP4B	X	0	3
101	MP4B	Z	80.519	3
102	MP4B	Mx	-.035	3
103	MP4B	X	0	5
104	MP4B	Z	80.519	5
105	MP4B	Mx	-.035	5
106	MP4C	X	0	3
107	MP4C	Z	80.519	3
108	MP4C	Mx	.035	3
109	MP4C	X	0	5
110	MP4C	Z	80.519	5
111	MP4C	Mx	.035	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-41.662	3
2	MP2A	Z	72.161	3
3	MP2A	Mx	.021	3
4	MP2A	X	-41.662	5
5	MP2A	Z	72.161	5
6	MP2A	Mx	.021	5
7	MP2B	X	-26.712	3
8	MP2B	Z	46.267	3
9	MP2B	Mx	-.023	3
10	MP2B	X	-26.712	5
11	MP2B	Z	46.267	5
12	MP2B	Mx	-.023	5
13	MP2C	X	-41.662	3
14	MP2C	Z	72.161	3
15	MP2C	Mx	.021	3
16	MP2C	X	-41.662	5
17	MP2C	Z	72.161	5
18	MP2C	Mx	.021	5
19	MP4A	X	-29.371	4
20	MP4A	Z	50.871	4
21	MP4A	Mx	-.015	4
22	MP4B	X	-21.407	4
23	MP4B	Z	37.078	4
24	MP4B	Mx	.021	4
25	MP4C	X	-29.371	4
26	MP4C	Z	50.871	4
27	MP4C	Mx	-.015	4
28	MP3A	X	-28.354	4
29	MP3A	Z	49.11	4
30	MP3A	Mx	-.014	4
31	MP3B	X	-17.34	4
32	MP3B	Z	30.033	4
33	MP3B	Mx	.017	4
34	MP3C	X	-28.354	4
35	MP3C	Z	49.11	4
36	MP3C	Mx	-.014	4
37	OVP	X	-57.168	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	OVP	Z	99.017	1
39	OVP	Mx	0	1
40	MP3A	X	-63.956	2
41	MP3A	Z	110.776	2
42	MP3A	Mx	.087	2
43	MP3A	X	-63.956	6
44	MP3A	Z	110.776	6
45	MP3A	Mx	.087	6
46	MP3B	X	-52.124	2
47	MP3B	Z	90.281	2
48	MP3B	Mx	-.071	2
49	MP3B	X	-52.124	6
50	MP3B	Z	90.281	6
51	MP3B	Mx	-.071	6
52	MP3C	X	-63.956	2
53	MP3C	Z	110.776	2
54	MP3C	Mx	-.023	2
55	MP3C	X	-63.956	6
56	MP3C	Z	110.776	6
57	MP3C	Mx	-.023	6
58	MP3A	X	-63.956	2
59	MP3A	Z	110.776	2
60	MP3A	Mx	-.023	2
61	MP3A	X	-63.956	6
62	MP3A	Z	110.776	6
63	MP3A	Mx	-.023	6
64	MP3B	X	-52.124	2
65	MP3B	Z	90.281	2
66	MP3B	Mx	-.019	2
67	MP3B	X	-52.124	6
68	MP3B	Z	90.281	6
69	MP3B	Mx	-.019	6
70	MP3C	X	-63.956	2
71	MP3C	Z	110.776	2
72	MP3C	Mx	.087	2
73	MP3C	X	-63.956	6
74	MP3C	Z	110.776	6
75	MP3C	Mx	.087	6
76	MP1A	X	-28.319	3
77	MP1A	Z	49.05	3
78	MP1A	Mx	.014	3
79	MP1A	X	-28.319	5
80	MP1A	Z	49.05	5
81	MP1A	Mx	.014	5
82	MP1B	X	-46.23	3
83	MP1B	Z	80.072	3
84	MP1B	Mx	-.046	3
85	MP1B	X	-46.23	5
86	MP1B	Z	80.072	5
87	MP1B	Mx	-.046	5
88	MP1C	X	-28.319	3
89	MP1C	Z	49.05	3
90	MP1C	Mx	.014	3
91	MP1C	X	-28.319	5
92	MP1C	Z	49.05	5
93	MP1C	Mx	.014	5
94	MP4A	X	-28.319	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP4A	Z	49.05	3
96	MP4A	Mx	.014	3
97	MP4A	X	-28.319	5
98	MP4A	Z	49.05	5
99	MP4A	Mx	.014	5
100	MP4B	X	-46.23	3
101	MP4B	Z	80.072	3
102	MP4B	Mx	-.046	3
103	MP4B	X	-46.23	5
104	MP4B	Z	80.072	5
105	MP4B	Mx	-.046	5
106	MP4C	X	-28.319	3
107	MP4C	Z	49.05	3
108	MP4C	Mx	.014	3
109	MP4C	X	-28.319	5
110	MP4C	Z	49.05	5
111	MP4C	Mx	.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-46.267	3
2	MP2A	Z	26.712	3
3	MP2A	Mx	.023	3
4	MP2A	X	-46.267	5
5	MP2A	Z	26.712	5
6	MP2A	Mx	.023	5
7	MP2B	X	-33.32	3
8	MP2B	Z	19.237	3
9	MP2B	Mx	-.019	3
10	MP2B	X	-33.32	5
11	MP2B	Z	19.237	5
12	MP2B	Mx	-.019	5
13	MP2C	X	-85.108	3
14	MP2C	Z	49.137	3
15	MP2C	Mx	0	3
16	MP2C	X	-85.108	5
17	MP2C	Z	49.137	5
18	MP2C	Mx	0	5
19	MP4A	X	-41.676	4
20	MP4A	Z	24.062	4
21	MP4A	Mx	-.021	4
22	MP4B	X	-41.676	4
23	MP4B	Z	24.062	4
24	MP4B	Mx	.021	4
25	MP4C	X	-55.469	4
26	MP4C	Z	32.025	4
27	MP4C	Mx	0	4
28	MP3A	X	-36.392	4
29	MP3A	Z	21.011	4
30	MP3A	Mx	-.018	4
31	MP3B	X	-36.392	4
32	MP3B	Z	21.011	4
33	MP3B	Mx	.018	4
34	MP3C	X	-55.469	4
35	MP3C	Z	32.025	4
36	MP3C	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	OVP	X	-91.88	1
38	OVP	Z	53.047	1
39	OVP	Mx	0	1
40	MP3A	X	-90.281	2
41	MP3A	Z	52.124	2
42	MP3A	Mx	.071	2
43	MP3A	X	-90.281	6
44	MP3A	Z	52.124	6
45	MP3A	Mx	.071	6
46	MP3B	X	-80.033	2
47	MP3B	Z	46.207	2
48	MP3B	Mx	-.046	2
49	MP3B	X	-80.033	6
50	MP3B	Z	46.207	6
51	MP3B	Mx	-.046	6
52	MP3C	X	-121.023	2
53	MP3C	Z	69.873	2
54	MP3C	Mx	-.07	2
55	MP3C	X	-121.023	6
56	MP3C	Z	69.873	6
57	MP3C	Mx	-.07	6
58	MP3A	X	-90.281	2
59	MP3A	Z	52.124	2
60	MP3A	Mx	.019	2
61	MP3A	X	-90.281	6
62	MP3A	Z	52.124	6
63	MP3A	Mx	.019	6
64	MP3B	X	-80.033	2
65	MP3B	Z	46.207	2
66	MP3B	Mx	-.046	2
67	MP3B	X	-80.033	6
68	MP3B	Z	46.207	6
69	MP3B	Mx	-.046	6
70	MP3C	X	-121.023	2
71	MP3C	Z	69.873	2
72	MP3C	Mx	.07	2
73	MP3C	X	-121.023	6
74	MP3C	Z	69.873	6
75	MP3C	Mx	.07	6
76	MP1A	X	-69.731	3
77	MP1A	Z	40.259	3
78	MP1A	Mx	.035	3
79	MP1A	X	-69.731	5
80	MP1A	Z	40.259	5
81	MP1A	Mx	.035	5
82	MP1B	X	-69.731	3
83	MP1B	Z	40.259	3
84	MP1B	Mx	-.035	3
85	MP1B	X	-69.731	5
86	MP1B	Z	40.259	5
87	MP1B	Mx	-.035	5
88	MP1C	X	-38.71	3
89	MP1C	Z	22.349	3
90	MP1C	Mx	0	3
91	MP1C	X	-38.71	5
92	MP1C	Z	22.349	5
93	MP1C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	-69.731	3
95	MP4A	Z	40.259	3
96	MP4A	Mx	.035	3
97	MP4A	X	-69.731	5
98	MP4A	Z	40.259	5
99	MP4A	Mx	.035	5
100	MP4B	X	-69.731	3
101	MP4B	Z	40.259	3
102	MP4B	Mx	-.035	3
103	MP4B	X	-69.731	5
104	MP4B	Z	40.259	5
105	MP4B	Mx	-.035	5
106	MP4C	X	-38.71	3
107	MP4C	Z	22.349	3
108	MP4C	Mx	0	3
109	MP4C	X	-38.71	5
110	MP4C	Z	22.349	5
111	MP4C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.474	3
2	MP2A	Z	0	3
3	MP2A	Mx	.019	3
4	MP2A	X	-38.474	5
5	MP2A	Z	0	5
6	MP2A	Mx	.019	5
7	MP2B	X	-53.424	3
8	MP2B	Z	0	3
9	MP2B	Mx	-.023	3
10	MP2B	X	-53.424	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.023	5
13	MP2C	X	-83.324	3
14	MP2C	Z	0	3
15	MP2C	Mx	-.021	3
16	MP2C	X	-83.324	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.021	5
19	MP4A	X	-42.814	4
20	MP4A	Z	0	4
21	MP4A	Mx	-.021	4
22	MP4B	X	-58.741	4
23	MP4B	Z	0	4
24	MP4B	Mx	.015	4
25	MP4C	X	-58.741	4
26	MP4C	Z	0	4
27	MP4C	Mx	.015	4
28	MP3A	X	-34.679	4
29	MP3A	Z	0	4
30	MP3A	Mx	-.017	4
31	MP3B	X	-56.707	4
32	MP3B	Z	0	4
33	MP3B	Mx	.014	4
34	MP3C	X	-56.707	4
35	MP3C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.014	4
37	OVP	X	-114.335	1
38	OVP	Z	0	1
39	OVP	Mx	0	1
40	MP3A	X	-92.415	2
41	MP3A	Z	0	2
42	MP3A	Mx	.046	2
43	MP3A	X	-92.415	6
44	MP3A	Z	0	6
45	MP3A	Mx	.046	6
46	MP3B	X	-104.247	2
47	MP3B	Z	0	2
48	MP3B	Mx	-.019	2
49	MP3B	X	-104.247	6
50	MP3B	Z	0	6
51	MP3B	Mx	-.019	6
52	MP3C	X	-127.913	2
53	MP3C	Z	0	2
54	MP3C	Mx	-.087	2
55	MP3C	X	-127.913	6
56	MP3C	Z	0	6
57	MP3C	Mx	-.087	6
58	MP3A	X	-92.415	2
59	MP3A	Z	0	2
60	MP3A	Mx	.046	2
61	MP3A	X	-92.415	6
62	MP3A	Z	0	6
63	MP3A	Mx	.046	6
64	MP3B	X	-104.247	2
65	MP3B	Z	0	2
66	MP3B	Mx	-.071	2
67	MP3B	X	-104.247	6
68	MP3B	Z	0	6
69	MP3B	Mx	-.071	6
70	MP3C	X	-127.913	2
71	MP3C	Z	0	2
72	MP3C	Mx	.023	2
73	MP3C	X	-127.913	6
74	MP3C	Z	0	6
75	MP3C	Mx	.023	6
76	MP1A	X	-92.459	3
77	MP1A	Z	0	3
78	MP1A	Mx	.046	3
79	MP1A	X	-92.459	5
80	MP1A	Z	0	5
81	MP1A	Mx	.046	5
82	MP1B	X	-56.638	3
83	MP1B	Z	0	3
84	MP1B	Mx	-.014	3
85	MP1B	X	-56.638	5
86	MP1B	Z	0	5
87	MP1B	Mx	-.014	5
88	MP1C	X	-56.638	3
89	MP1C	Z	0	3
90	MP1C	Mx	-.014	3
91	MP1C	X	-56.638	5
92	MP1C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1C	Mx	-.014	5
94	MP4A	X	-92.459	3
95	MP4A	Z	0	3
96	MP4A	Mx	.046	3
97	MP4A	X	-92.459	5
98	MP4A	Z	0	5
99	MP4A	Mx	.046	5
100	MP4B	X	-56.638	3
101	MP4B	Z	0	3
102	MP4B	Mx	-.014	3
103	MP4B	X	-56.638	5
104	MP4B	Z	0	5
105	MP4B	Mx	-.014	5
106	MP4C	X	-56.638	3
107	MP4C	Z	0	3
108	MP4C	Mx	-.014	3
109	MP4C	X	-56.638	5
110	MP4C	Z	0	5
111	MP4C	Mx	-.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-46.267	3
2	MP2A	Z	-26.712	3
3	MP2A	Mx	.023	3
4	MP2A	X	-46.267	5
5	MP2A	Z	-26.712	5
6	MP2A	Mx	.023	5
7	MP2B	X	-72.161	3
8	MP2B	Z	-41.662	3
9	MP2B	Mx	-.021	3
10	MP2B	X	-72.161	5
11	MP2B	Z	-41.662	5
12	MP2B	Mx	-.021	5
13	MP2C	X	-46.267	3
14	MP2C	Z	-26.712	3
15	MP2C	Mx	-.023	3
16	MP2C	X	-46.267	5
17	MP2C	Z	-26.712	5
18	MP2C	Mx	-.023	5
19	MP4A	X	-41.676	4
20	MP4A	Z	-24.062	4
21	MP4A	Mx	-.021	4
22	MP4B	X	-55.469	4
23	MP4B	Z	-32.025	4
24	MP4B	Mx	0	4
25	MP4C	X	-41.676	4
26	MP4C	Z	-24.062	4
27	MP4C	Mx	.021	4
28	MP3A	X	-36.392	4
29	MP3A	Z	-21.011	4
30	MP3A	Mx	-.018	4
31	MP3B	X	-55.469	4
32	MP3B	Z	-32.025	4
33	MP3B	Mx	0	4
34	MP3C	X	-36.392	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	Z	-21.011	4
36	MP3C	Mx	.018	4
37	OVP	X	-113.292	1
38	OVP	Z	-65.409	1
39	OVP	Mx	0	1
40	MP3A	X	-90.281	2
41	MP3A	Z	-52.124	2
42	MP3A	Mx	.019	2
43	MP3A	X	-90.281	6
44	MP3A	Z	-52.124	6
45	MP3A	Mx	.019	6
46	MP3B	X	-110.776	2
47	MP3B	Z	-63.956	2
48	MP3B	Mx	.023	2
49	MP3B	X	-110.776	6
50	MP3B	Z	-63.956	6
51	MP3B	Mx	.023	6
52	MP3C	X	-90.281	2
53	MP3C	Z	-52.124	2
54	MP3C	Mx	-.071	2
55	MP3C	X	-90.281	6
56	MP3C	Z	-52.124	6
57	MP3C	Mx	-.071	6
58	MP3A	X	-90.281	2
59	MP3A	Z	-52.124	2
60	MP3A	Mx	.071	2
61	MP3A	X	-90.281	6
62	MP3A	Z	-52.124	6
63	MP3A	Mx	.071	6
64	MP3B	X	-110.776	2
65	MP3B	Z	-63.956	2
66	MP3B	Mx	-.087	2
67	MP3B	X	-110.776	6
68	MP3B	Z	-63.956	6
69	MP3B	Mx	-.087	6
70	MP3C	X	-90.281	2
71	MP3C	Z	-52.124	2
72	MP3C	Mx	-.019	2
73	MP3C	X	-90.281	6
74	MP3C	Z	-52.124	6
75	MP3C	Mx	-.019	6
76	MP1A	X	-69.731	3
77	MP1A	Z	-40.259	3
78	MP1A	Mx	.035	3
79	MP1A	X	-69.731	5
80	MP1A	Z	-40.259	5
81	MP1A	Mx	.035	5
82	MP1B	X	-38.71	3
83	MP1B	Z	-22.349	3
84	MP1B	Mx	0	3
85	MP1B	X	-38.71	5
86	MP1B	Z	-22.349	5
87	MP1B	Mx	0	5
88	MP1C	X	-69.731	3
89	MP1C	Z	-40.259	3
90	MP1C	Mx	-.035	3
91	MP1C	X	-69.731	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	Z	-40.259	5
93	MP1C	Mx	-.035	5
94	MP4A	X	-69.731	3
95	MP4A	Z	-40.259	3
96	MP4A	Mx	.035	3
97	MP4A	X	-69.731	5
98	MP4A	Z	-40.259	5
99	MP4A	Mx	.035	5
100	MP4B	X	-38.71	3
101	MP4B	Z	-22.349	3
102	MP4B	Mx	0	3
103	MP4B	X	-38.71	5
104	MP4B	Z	-22.349	5
105	MP4B	Mx	0	5
106	MP4C	X	-69.731	3
107	MP4C	Z	-40.259	3
108	MP4C	Mx	-.035	3
109	MP4C	X	-69.731	5
110	MP4C	Z	-40.259	5
111	MP4C	Mx	-.035	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-41.662	3
2	MP2A	Z	-72.161	3
3	MP2A	Mx	.021	3
4	MP2A	X	-41.662	5
5	MP2A	Z	-72.161	5
6	MP2A	Mx	.021	5
7	MP2B	X	-49.137	3
8	MP2B	Z	-85.108	3
9	MP2B	Mx	0	3
10	MP2B	X	-49.137	5
11	MP2B	Z	-85.108	5
12	MP2B	Mx	0	5
13	MP2C	X	-19.237	3
14	MP2C	Z	-33.32	3
15	MP2C	Mx	-.019	3
16	MP2C	X	-19.237	5
17	MP2C	Z	-33.32	5
18	MP2C	Mx	-.019	5
19	MP4A	X	-29.371	4
20	MP4A	Z	-50.871	4
21	MP4A	Mx	-.015	4
22	MP4B	X	-29.371	4
23	MP4B	Z	-50.871	4
24	MP4B	Mx	-.015	4
25	MP4C	X	-21.407	4
26	MP4C	Z	-37.078	4
27	MP4C	Mx	.021	4
28	MP3A	X	-28.354	4
29	MP3A	Z	-49.11	4
30	MP3A	Mx	-.014	4
31	MP3B	X	-28.354	4
32	MP3B	Z	-49.11	4
33	MP3B	Mx	-.014	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	-17.34	4
35	MP3C	Z	-30.033	4
36	MP3C	Mx	.017	4
37	OVP	X	-69.53	1
38	OVP	Z	-120.43	1
39	OVP	Mx	0	1
40	MP3A	X	-63.956	2
41	MP3A	Z	-110.776	2
42	MP3A	Mx	-.023	2
43	MP3A	X	-63.956	6
44	MP3A	Z	-110.776	6
45	MP3A	Mx	-.023	6
46	MP3B	X	-69.873	2
47	MP3B	Z	-121.023	2
48	MP3B	Mx	.07	2
49	MP3B	X	-69.873	6
50	MP3B	Z	-121.023	6
51	MP3B	Mx	.07	6
52	MP3C	X	-46.207	2
53	MP3C	Z	-80.033	2
54	MP3C	Mx	-.046	2
55	MP3C	X	-46.207	6
56	MP3C	Z	-80.033	6
57	MP3C	Mx	-.046	6
58	MP3A	X	-63.956	2
59	MP3A	Z	-110.776	2
60	MP3A	Mx	.087	2
61	MP3A	X	-63.956	6
62	MP3A	Z	-110.776	6
63	MP3A	Mx	.087	6
64	MP3B	X	-69.873	2
65	MP3B	Z	-121.023	2
66	MP3B	Mx	-.07	2
67	MP3B	X	-69.873	6
68	MP3B	Z	-121.023	6
69	MP3B	Mx	-.07	6
70	MP3C	X	-46.207	2
71	MP3C	Z	-80.033	2
72	MP3C	Mx	-.046	2
73	MP3C	X	-46.207	6
74	MP3C	Z	-80.033	6
75	MP3C	Mx	-.046	6
76	MP1A	X	-28.319	3
77	MP1A	Z	-49.05	3
78	MP1A	Mx	.014	3
79	MP1A	X	-28.319	5
80	MP1A	Z	-49.05	5
81	MP1A	Mx	.014	5
82	MP1B	X	-28.319	3
83	MP1B	Z	-49.05	3
84	MP1B	Mx	.014	3
85	MP1B	X	-28.319	5
86	MP1B	Z	-49.05	5
87	MP1B	Mx	.014	5
88	MP1C	X	-46.23	3
89	MP1C	Z	-80.072	3
90	MP1C	Mx	-.046	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP1C	X	-46.23	5
92	MP1C	Z	-80.072	5
93	MP1C	Mx	-.046	5
94	MP4A	X	-28.319	3
95	MP4A	Z	-49.05	3
96	MP4A	Mx	.014	3
97	MP4A	X	-28.319	5
98	MP4A	Z	-49.05	5
99	MP4A	Mx	.014	5
100	MP4B	X	-28.319	3
101	MP4B	Z	-49.05	3
102	MP4B	Mx	.014	3
103	MP4B	X	-28.319	5
104	MP4B	Z	-49.05	5
105	MP4B	Mx	.014	5
106	MP4C	X	-46.23	3
107	MP4C	Z	-80.072	3
108	MP4C	Mx	-.046	3
109	MP4C	X	-46.23	5
110	MP4C	Z	-80.072	5
111	MP4C	Mx	-.046	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	-21.095	3
3	MP2A	Mx	0	3
4	MP2A	X	0	5
5	MP2A	Z	-21.095	5
6	MP2A	Mx	0	5
7	MP2B	X	0	3
8	MP2B	Z	-18.188	3
9	MP2B	Mx	.005	3
10	MP2B	X	0	5
11	MP2B	Z	-18.188	5
12	MP2B	Mx	.005	5
13	MP2C	X	0	3
14	MP2C	Z	-12.375	3
15	MP2C	Mx	-.005	3
16	MP2C	X	0	5
17	MP2C	Z	-12.375	5
18	MP2C	Mx	-.005	5
19	MP4A	X	0	4
20	MP4A	Z	-14.794	4
21	MP4A	Mx	0	4
22	MP4B	X	0	4
23	MP4B	Z	-11.573	4
24	MP4B	Mx	-.005	4
25	MP4C	X	0	4
26	MP4C	Z	-11.573	4
27	MP4C	Mx	.005	4
28	MP3A	X	0	4
29	MP3A	Z	-14.794	4
30	MP3A	Mx	0	4
31	MP3B	X	0	4
32	MP3B	Z	-10.349	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-.004	4
34	MP3C	X	0	4
35	MP3C	Z	-10.349	4
36	MP3C	Mx	.004	4
37	OVP	X	0	1
38	OVP	Z	-28.084	1
39	OVP	Mx	0	1
40	MP3A	X	0	2
41	MP3A	Z	-28.624	2
42	MP3A	Mx	-.014	2
43	MP3A	X	0	6
44	MP3A	Z	-28.624	6
45	MP3A	Mx	-.014	6
46	MP3B	X	0	2
47	MP3B	Z	-26.503	2
48	MP3B	Mx	.018	2
49	MP3B	X	0	6
50	MP3B	Z	-26.503	6
51	MP3B	Mx	.018	6
52	MP3C	X	0	2
53	MP3C	Z	-22.263	2
54	MP3C	Mx	-.004	2
55	MP3C	X	0	6
56	MP3C	Z	-22.263	6
57	MP3C	Mx	-.004	6
58	MP3A	X	0	2
59	MP3A	Z	-28.624	2
60	MP3A	Mx	.014	2
61	MP3A	X	0	6
62	MP3A	Z	-28.624	6
63	MP3A	Mx	.014	6
64	MP3B	X	0	2
65	MP3B	Z	-26.503	2
66	MP3B	Mx	-.005	2
67	MP3B	X	0	6
68	MP3B	Z	-26.503	6
69	MP3B	Mx	-.005	6
70	MP3C	X	0	2
71	MP3C	Z	-22.263	2
72	MP3C	Mx	-.015	2
73	MP3C	X	0	6
74	MP3C	Z	-22.263	6
75	MP3C	Mx	-.015	6
76	MP1A	X	0	3
77	MP1A	Z	-10.485	3
78	MP1A	Mx	0	3
79	MP1A	X	0	5
80	MP1A	Z	-10.485	5
81	MP1A	Mx	0	5
82	MP1B	X	0	3
83	MP1B	Z	-17.142	3
84	MP1B	Mx	.007	3
85	MP1B	X	0	5
86	MP1B	Z	-17.142	5
87	MP1B	Mx	.007	5
88	MP1C	X	0	3
89	MP1C	Z	-17.142	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1C	Mx	-.007	3
91	MP1C	X	0	5
92	MP1C	Z	-17.142	5
93	MP1C	Mx	-.007	5
94	MP4A	X	0	3
95	MP4A	Z	-10.485	3
96	MP4A	Mx	0	3
97	MP4A	X	0	5
98	MP4A	Z	-10.485	5
99	MP4A	Mx	0	5
100	MP4B	X	0	3
101	MP4B	Z	-17.142	3
102	MP4B	Mx	.007	3
103	MP4B	X	0	5
104	MP4B	Z	-17.142	5
105	MP4B	Mx	.007	5
106	MP4C	X	0	3
107	MP4C	Z	-17.142	3
108	MP4C	Mx	-.007	3
109	MP4C	X	0	5
110	MP4C	Z	-17.142	5
111	MP4C	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.094	3
2	MP2A	Z	-15.752	3
3	MP2A	Mx	-.005	3
4	MP2A	X	9.094	5
5	MP2A	Z	-15.752	5
6	MP2A	Mx	-.005	5
7	MP2B	X	6.187	3
8	MP2B	Z	-10.717	3
9	MP2B	Mx	.005	3
10	MP2B	X	6.187	5
11	MP2B	Z	-10.717	5
12	MP2B	Mx	.005	5
13	MP2C	X	9.094	3
14	MP2C	Z	-15.752	3
15	MP2C	Mx	-.005	3
16	MP2C	X	9.094	5
17	MP2C	Z	-15.752	5
18	MP2C	Mx	-.005	5
19	MP4A	X	6.86	4
20	MP4A	Z	-11.882	4
21	MP4A	Mx	.003	4
22	MP4B	X	5.25	4
23	MP4B	Z	-9.093	4
24	MP4B	Mx	-.005	4
25	MP4C	X	6.86	4
26	MP4C	Z	-11.882	4
27	MP4C	Mx	.003	4
28	MP3A	X	6.656	4
29	MP3A	Z	-11.529	4
30	MP3A	Mx	.003	4
31	MP3B	X	4.434	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3B	Z	-7.679	4
33	MP3B	Mx	-.004	4
34	MP3C	X	6.656	4
35	MP3C	Z	-11.529	4
36	MP3C	Mx	.003	4
37	OVP	X	12.492	1
38	OVP	Z	-21.637	1
39	OVP	Mx	0	1
40	MP3A	X	13.252	2
41	MP3A	Z	-22.953	2
42	MP3A	Mx	-.018	2
43	MP3A	X	13.252	6
44	MP3A	Z	-22.953	6
45	MP3A	Mx	-.018	6
46	MP3B	X	11.131	2
47	MP3B	Z	-19.28	2
48	MP3B	Mx	.015	2
49	MP3B	X	11.131	6
50	MP3B	Z	-19.28	6
51	MP3B	Mx	.015	6
52	MP3C	X	13.252	2
53	MP3C	Z	-22.953	2
54	MP3C	Mx	.005	2
55	MP3C	X	13.252	6
56	MP3C	Z	-22.953	6
57	MP3C	Mx	.005	6
58	MP3A	X	13.252	2
59	MP3A	Z	-22.953	2
60	MP3A	Mx	.005	2
61	MP3A	X	13.252	6
62	MP3A	Z	-22.953	6
63	MP3A	Mx	.005	6
64	MP3B	X	11.131	2
65	MP3B	Z	-19.28	2
66	MP3B	Mx	.004	2
67	MP3B	X	11.131	6
68	MP3B	Z	-19.28	6
69	MP3B	Mx	.004	6
70	MP3C	X	13.252	2
71	MP3C	Z	-22.953	2
72	MP3C	Mx	-.018	2
73	MP3C	X	13.252	6
74	MP3C	Z	-22.953	6
75	MP3C	Mx	-.018	6
76	MP1A	X	6.352	3
77	MP1A	Z	-11.002	3
78	MP1A	Mx	-.003	3
79	MP1A	X	6.352	5
80	MP1A	Z	-11.002	5
81	MP1A	Mx	-.003	5
82	MP1B	X	9.68	3
83	MP1B	Z	-16.767	3
84	MP1B	Mx	.01	3
85	MP1B	X	9.68	5
86	MP1B	Z	-16.767	5
87	MP1B	Mx	.01	5
88	MP1C	X	6.352	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1C	Z	-11.002	3
90	MP1C	Mx	-.003	3
91	MP1C	X	6.352	5
92	MP1C	Z	-11.002	5
93	MP1C	Mx	-.003	5
94	MP4A	X	6.352	3
95	MP4A	Z	-11.002	3
96	MP4A	Mx	-.003	3
97	MP4A	X	6.352	5
98	MP4A	Z	-11.002	5
99	MP4A	Mx	-.003	5
100	MP4B	X	9.68	3
101	MP4B	Z	-16.767	3
102	MP4B	Mx	.01	3
103	MP4B	X	9.68	5
104	MP4B	Z	-16.767	5
105	MP4B	Mx	.01	5
106	MP4C	X	6.352	3
107	MP4C	Z	-11.002	3
108	MP4C	Mx	-.003	3
109	MP4C	X	6.352	5
110	MP4C	Z	-11.002	5
111	MP4C	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.717	3
2	MP2A	Z	-6.187	3
3	MP2A	Mx	-.005	3
4	MP2A	X	10.717	5
5	MP2A	Z	-6.187	5
6	MP2A	Mx	-.005	5
7	MP2B	X	8.2	3
8	MP2B	Z	-4.734	3
9	MP2B	Mx	.005	3
10	MP2B	X	8.2	5
11	MP2B	Z	-4.734	5
12	MP2B	Mx	.005	5
13	MP2C	X	18.269	3
14	MP2C	Z	-10.547	3
15	MP2C	Mx	0	3
16	MP2C	X	18.269	5
17	MP2C	Z	-10.547	5
18	MP2C	Mx	0	5
19	MP4A	X	10.022	4
20	MP4A	Z	-5.786	4
21	MP4A	Mx	.005	4
22	MP4B	X	10.022	4
23	MP4B	Z	-5.786	4
24	MP4B	Mx	-.005	4
25	MP4C	X	12.812	4
26	MP4C	Z	-7.397	4
27	MP4C	Mx	0	4
28	MP3A	X	8.962	4
29	MP3A	Z	-5.174	4
30	MP3A	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	8.962	4
32	MP3B	Z	-5.174	4
33	MP3B	Mx	-.004	4
34	MP3C	X	12.812	4
35	MP3C	Z	-7.397	4
36	MP3C	Mx	0	4
37	OVP	X	20.295	1
38	OVP	Z	-11.717	1
39	OVP	Mx	0	1
40	MP3A	X	19.28	2
41	MP3A	Z	-11.131	2
42	MP3A	Mx	-.015	2
43	MP3A	X	19.28	6
44	MP3A	Z	-11.131	6
45	MP3A	Mx	-.015	6
46	MP3B	X	17.444	2
47	MP3B	Z	-10.071	2
48	MP3B	Mx	.01	2
49	MP3B	X	17.444	6
50	MP3B	Z	-10.071	6
51	MP3B	Mx	.01	6
52	MP3C	X	24.789	2
53	MP3C	Z	-14.312	2
54	MP3C	Mx	.014	2
55	MP3C	X	24.789	6
56	MP3C	Z	-14.312	6
57	MP3C	Mx	.014	6
58	MP3A	X	19.28	2
59	MP3A	Z	-11.131	2
60	MP3A	Mx	-.004	2
61	MP3A	X	19.28	6
62	MP3A	Z	-11.131	6
63	MP3A	Mx	-.004	6
64	MP3B	X	17.444	2
65	MP3B	Z	-10.071	2
66	MP3B	Mx	.01	2
67	MP3B	X	17.444	6
68	MP3B	Z	-10.071	6
69	MP3B	Mx	.01	6
70	MP3C	X	24.789	2
71	MP3C	Z	-14.312	2
72	MP3C	Mx	-.014	2
73	MP3C	X	24.789	6
74	MP3C	Z	-14.312	6
75	MP3C	Mx	-.014	6
76	MP1A	X	14.845	3
77	MP1A	Z	-8.571	3
78	MP1A	Mx	-.007	3
79	MP1A	X	14.845	5
80	MP1A	Z	-8.571	5
81	MP1A	Mx	-.007	5
82	MP1B	X	14.845	3
83	MP1B	Z	-8.571	3
84	MP1B	Mx	.007	3
85	MP1B	X	14.845	5
86	MP1B	Z	-8.571	5
87	MP1B	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1C	X	9.081	3
89	MP1C	Z	-5.243	3
90	MP1C	Mx	0	3
91	MP1C	X	9.081	5
92	MP1C	Z	-5.243	5
93	MP1C	Mx	0	5
94	MP4A	X	14.845	3
95	MP4A	Z	-8.571	3
96	MP4A	Mx	-.007	3
97	MP4A	X	14.845	5
98	MP4A	Z	-8.571	5
99	MP4A	Mx	-.007	5
100	MP4B	X	14.845	3
101	MP4B	Z	-8.571	3
102	MP4B	Mx	.007	3
103	MP4B	X	14.845	5
104	MP4B	Z	-8.571	5
105	MP4B	Mx	.007	5
106	MP4C	X	9.081	3
107	MP4C	Z	-5.243	3
108	MP4C	Mx	0	3
109	MP4C	X	9.081	5
110	MP4C	Z	-5.243	5
111	MP4C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.468	3
2	MP2A	Z	0	3
3	MP2A	Mx	-.005	3
4	MP2A	X	9.468	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.005	5
7	MP2B	X	12.375	3
8	MP2B	Z	0	3
9	MP2B	Mx	.005	3
10	MP2B	X	12.375	5
11	MP2B	Z	0	5
12	MP2B	Mx	.005	5
13	MP2C	X	18.188	3
14	MP2C	Z	0	3
15	MP2C	Mx	.005	3
16	MP2C	X	18.188	5
17	MP2C	Z	0	5
18	MP2C	Mx	.005	5
19	MP4A	X	10.499	4
20	MP4A	Z	0	4
21	MP4A	Mx	.005	4
22	MP4B	X	13.72	4
23	MP4B	Z	0	4
24	MP4B	Mx	-.003	4
25	MP4C	X	13.72	4
26	MP4C	Z	0	4
27	MP4C	Mx	-.003	4
28	MP3A	X	8.867	4
29	MP3A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3A	Mx	.004	4
31	MP3B	X	13.312	4
32	MP3B	Z	0	4
33	MP3B	Mx	-.003	4
34	MP3C	X	13.312	4
35	MP3C	Z	0	4
36	MP3C	Mx	-.003	4
37	OVP	X	24.984	1
38	OVP	Z	0	1
39	OVP	Mx	0	1
40	MP3A	X	20.142	2
41	MP3A	Z	0	2
42	MP3A	Mx	-.01	2
43	MP3A	X	20.142	6
44	MP3A	Z	0	6
45	MP3A	Mx	-.01	6
46	MP3B	X	22.263	2
47	MP3B	Z	0	2
48	MP3B	Mx	.004	2
49	MP3B	X	22.263	6
50	MP3B	Z	0	6
51	MP3B	Mx	.004	6
52	MP3C	X	26.503	2
53	MP3C	Z	0	2
54	MP3C	Mx	.018	2
55	MP3C	X	26.503	6
56	MP3C	Z	0	6
57	MP3C	Mx	.018	6
58	MP3A	X	20.142	2
59	MP3A	Z	0	2
60	MP3A	Mx	-.01	2
61	MP3A	X	20.142	6
62	MP3A	Z	0	6
63	MP3A	Mx	-.01	6
64	MP3B	X	22.263	2
65	MP3B	Z	0	2
66	MP3B	Mx	.015	2
67	MP3B	X	22.263	6
68	MP3B	Z	0	6
69	MP3B	Mx	.015	6
70	MP3C	X	26.503	2
71	MP3C	Z	0	2
72	MP3C	Mx	-.005	2
73	MP3C	X	26.503	6
74	MP3C	Z	0	6
75	MP3C	Mx	-.005	6
76	MP1A	X	19.36	3
77	MP1A	Z	0	3
78	MP1A	Mx	-.01	3
79	MP1A	X	19.36	5
80	MP1A	Z	0	5
81	MP1A	Mx	-.01	5
82	MP1B	X	12.704	3
83	MP1B	Z	0	3
84	MP1B	Mx	.003	3
85	MP1B	X	12.704	5
86	MP1B	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1B	Mx	.003	5
88	MP1C	X	12.704	3
89	MP1C	Z	0	3
90	MP1C	Mx	.003	3
91	MP1C	X	12.704	5
92	MP1C	Z	0	5
93	MP1C	Mx	.003	5
94	MP4A	X	19.36	3
95	MP4A	Z	0	3
96	MP4A	Mx	-.01	3
97	MP4A	X	19.36	5
98	MP4A	Z	0	5
99	MP4A	Mx	-.01	5
100	MP4B	X	12.704	3
101	MP4B	Z	0	3
102	MP4B	Mx	.003	3
103	MP4B	X	12.704	5
104	MP4B	Z	0	5
105	MP4B	Mx	.003	5
106	MP4C	X	12.704	3
107	MP4C	Z	0	3
108	MP4C	Mx	.003	3
109	MP4C	X	12.704	5
110	MP4C	Z	0	5
111	MP4C	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.717	3
2	MP2A	Z	6.187	3
3	MP2A	Mx	-.005	3
4	MP2A	X	10.717	5
5	MP2A	Z	6.187	5
6	MP2A	Mx	-.005	5
7	MP2B	X	15.752	3
8	MP2B	Z	9.094	3
9	MP2B	Mx	.005	3
10	MP2B	X	15.752	5
11	MP2B	Z	9.094	5
12	MP2B	Mx	.005	5
13	MP2C	X	10.717	3
14	MP2C	Z	6.187	3
15	MP2C	Mx	.005	3
16	MP2C	X	10.717	5
17	MP2C	Z	6.187	5
18	MP2C	Mx	.005	5
19	MP4A	X	10.022	4
20	MP4A	Z	5.786	4
21	MP4A	Mx	.005	4
22	MP4B	X	12.812	4
23	MP4B	Z	7.397	4
24	MP4B	Mx	0	4
25	MP4C	X	10.022	4
26	MP4C	Z	5.786	4
27	MP4C	Mx	-.005	4
28	MP3A	X	8.962	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3A	Z	5.174	4
30	MP3A	Mx	.004	4
31	MP3B	X	12.812	4
32	MP3B	Z	7.397	4
33	MP3B	Mx	0	4
34	MP3C	X	8.962	4
35	MP3C	Z	5.174	4
36	MP3C	Mx	-.004	4
37	OVP	X	24.322	1
38	OVP	Z	14.042	1
39	OVP	Mx	0	1
40	MP3A	X	19.28	2
41	MP3A	Z	11.131	2
42	MP3A	Mx	-.004	2
43	MP3A	X	19.28	6
44	MP3A	Z	11.131	6
45	MP3A	Mx	-.004	6
46	MP3B	X	22.953	2
47	MP3B	Z	13.252	2
48	MP3B	Mx	-.005	2
49	MP3B	X	22.953	6
50	MP3B	Z	13.252	6
51	MP3B	Mx	-.005	6
52	MP3C	X	19.28	2
53	MP3C	Z	11.131	2
54	MP3C	Mx	.015	2
55	MP3C	X	19.28	6
56	MP3C	Z	11.131	6
57	MP3C	Mx	.015	6
58	MP3A	X	19.28	2
59	MP3A	Z	11.131	2
60	MP3A	Mx	-.015	2
61	MP3A	X	19.28	6
62	MP3A	Z	11.131	6
63	MP3A	Mx	-.015	6
64	MP3B	X	22.953	2
65	MP3B	Z	13.252	2
66	MP3B	Mx	.018	2
67	MP3B	X	22.953	6
68	MP3B	Z	13.252	6
69	MP3B	Mx	.018	6
70	MP3C	X	19.28	2
71	MP3C	Z	11.131	2
72	MP3C	Mx	.004	2
73	MP3C	X	19.28	6
74	MP3C	Z	11.131	6
75	MP3C	Mx	.004	6
76	MP1A	X	14.845	3
77	MP1A	Z	8.571	3
78	MP1A	Mx	-.007	3
79	MP1A	X	14.845	5
80	MP1A	Z	8.571	5
81	MP1A	Mx	-.007	5
82	MP1B	X	9.081	3
83	MP1B	Z	5.243	3
84	MP1B	Mx	0	3
85	MP1B	X	9.081	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	5.243	5
87	MP1B	Mx	0	5
88	MP1C	X	14.845	3
89	MP1C	Z	8.571	3
90	MP1C	Mx	.007	3
91	MP1C	X	14.845	5
92	MP1C	Z	8.571	5
93	MP1C	Mx	.007	5
94	MP4A	X	14.845	3
95	MP4A	Z	8.571	3
96	MP4A	Mx	-.007	3
97	MP4A	X	14.845	5
98	MP4A	Z	8.571	5
99	MP4A	Mx	-.007	5
100	MP4B	X	9.081	3
101	MP4B	Z	5.243	3
102	MP4B	Mx	0	3
103	MP4B	X	9.081	5
104	MP4B	Z	5.243	5
105	MP4B	Mx	0	5
106	MP4C	X	14.845	3
107	MP4C	Z	8.571	3
108	MP4C	Mx	.007	3
109	MP4C	X	14.845	5
110	MP4C	Z	8.571	5
111	MP4C	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.094	3
2	MP2A	Z	15.752	3
3	MP2A	Mx	-.005	3
4	MP2A	X	9.094	5
5	MP2A	Z	15.752	5
6	MP2A	Mx	-.005	5
7	MP2B	X	10.547	3
8	MP2B	Z	18.269	3
9	MP2B	Mx	0	3
10	MP2B	X	10.547	5
11	MP2B	Z	18.269	5
12	MP2B	Mx	0	5
13	MP2C	X	4.734	3
14	MP2C	Z	8.2	3
15	MP2C	Mx	.005	3
16	MP2C	X	4.734	5
17	MP2C	Z	8.2	5
18	MP2C	Mx	.005	5
19	MP4A	X	6.86	4
20	MP4A	Z	11.882	4
21	MP4A	Mx	.003	4
22	MP4B	X	6.86	4
23	MP4B	Z	11.882	4
24	MP4B	Mx	.003	4
25	MP4C	X	5.25	4
26	MP4C	Z	9.093	4
27	MP4C	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3A	X	6.656	4
29	MP3A	Z	11.529	4
30	MP3A	Mx	.003	4
31	MP3B	X	6.656	4
32	MP3B	Z	11.529	4
33	MP3B	Mx	.003	4
34	MP3C	X	4.434	4
35	MP3C	Z	7.679	4
36	MP3C	Mx	-.004	4
37	OVP	X	14.817	1
38	OVP	Z	25.664	1
39	OVP	Mx	0	1
40	MP3A	X	13.252	2
41	MP3A	Z	22.953	2
42	MP3A	Mx	.005	2
43	MP3A	X	13.252	6
44	MP3A	Z	22.953	6
45	MP3A	Mx	.005	6
46	MP3B	X	14.312	2
47	MP3B	Z	24.789	2
48	MP3B	Mx	-.014	2
49	MP3B	X	14.312	6
50	MP3B	Z	24.789	6
51	MP3B	Mx	-.014	6
52	MP3C	X	10.071	2
53	MP3C	Z	17.444	2
54	MP3C	Mx	.01	2
55	MP3C	X	10.071	6
56	MP3C	Z	17.444	6
57	MP3C	Mx	.01	6
58	MP3A	X	13.252	2
59	MP3A	Z	22.953	2
60	MP3A	Mx	-.018	2
61	MP3A	X	13.252	6
62	MP3A	Z	22.953	6
63	MP3A	Mx	-.018	6
64	MP3B	X	14.312	2
65	MP3B	Z	24.789	2
66	MP3B	Mx	.014	2
67	MP3B	X	14.312	6
68	MP3B	Z	24.789	6
69	MP3B	Mx	.014	6
70	MP3C	X	10.071	2
71	MP3C	Z	17.444	2
72	MP3C	Mx	.01	2
73	MP3C	X	10.071	6
74	MP3C	Z	17.444	6
75	MP3C	Mx	.01	6
76	MP1A	X	6.352	3
77	MP1A	Z	11.002	3
78	MP1A	Mx	-.003	3
79	MP1A	X	6.352	5
80	MP1A	Z	11.002	5
81	MP1A	Mx	-.003	5
82	MP1B	X	6.352	3
83	MP1B	Z	11.002	3
84	MP1B	Mx	-.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	6.352	5
86	MP1B	Z	11.002	5
87	MP1B	Mx	-.003	5
88	MP1C	X	9.68	3
89	MP1C	Z	16.767	3
90	MP1C	Mx	.01	3
91	MP1C	X	9.68	5
92	MP1C	Z	16.767	5
93	MP1C	Mx	.01	5
94	MP4A	X	6.352	3
95	MP4A	Z	11.002	3
96	MP4A	Mx	-.003	3
97	MP4A	X	6.352	5
98	MP4A	Z	11.002	5
99	MP4A	Mx	-.003	5
100	MP4B	X	6.352	3
101	MP4B	Z	11.002	3
102	MP4B	Mx	-.003	3
103	MP4B	X	6.352	5
104	MP4B	Z	11.002	5
105	MP4B	Mx	-.003	5
106	MP4C	X	9.68	3
107	MP4C	Z	16.767	3
108	MP4C	Mx	.01	3
109	MP4C	X	9.68	5
110	MP4C	Z	16.767	5
111	MP4C	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	21.095	3
3	MP2A	Mx	0	3
4	MP2A	X	0	5
5	MP2A	Z	21.095	5
6	MP2A	Mx	0	5
7	MP2B	X	0	3
8	MP2B	Z	18.188	3
9	MP2B	Mx	-.005	3
10	MP2B	X	0	5
11	MP2B	Z	18.188	5
12	MP2B	Mx	-.005	5
13	MP2C	X	0	3
14	MP2C	Z	12.375	3
15	MP2C	Mx	.005	3
16	MP2C	X	0	5
17	MP2C	Z	12.375	5
18	MP2C	Mx	.005	5
19	MP4A	X	0	4
20	MP4A	Z	14.794	4
21	MP4A	Mx	0	4
22	MP4B	X	0	4
23	MP4B	Z	11.573	4
24	MP4B	Mx	.005	4
25	MP4C	X	0	4
26	MP4C	Z	11.573	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4C	Mx	-.005	4
28	MP3A	X	0	4
29	MP3A	Z	14.794	4
30	MP3A	Mx	0	4
31	MP3B	X	0	4
32	MP3B	Z	10.349	4
33	MP3B	Mx	.004	4
34	MP3C	X	0	4
35	MP3C	Z	10.349	4
36	MP3C	Mx	-.004	4
37	OVP	X	0	1
38	OVP	Z	28.084	1
39	OVP	Mx	0	1
40	MP3A	X	0	2
41	MP3A	Z	28.624	2
42	MP3A	Mx	.014	2
43	MP3A	X	0	6
44	MP3A	Z	28.624	6
45	MP3A	Mx	.014	6
46	MP3B	X	0	2
47	MP3B	Z	26.503	2
48	MP3B	Mx	-.018	2
49	MP3B	X	0	6
50	MP3B	Z	26.503	6
51	MP3B	Mx	-.018	6
52	MP3C	X	0	2
53	MP3C	Z	22.263	2
54	MP3C	Mx	.004	2
55	MP3C	X	0	6
56	MP3C	Z	22.263	6
57	MP3C	Mx	.004	6
58	MP3A	X	0	2
59	MP3A	Z	28.624	2
60	MP3A	Mx	-.014	2
61	MP3A	X	0	6
62	MP3A	Z	28.624	6
63	MP3A	Mx	-.014	6
64	MP3B	X	0	2
65	MP3B	Z	26.503	2
66	MP3B	Mx	.005	2
67	MP3B	X	0	6
68	MP3B	Z	26.503	6
69	MP3B	Mx	.005	6
70	MP3C	X	0	2
71	MP3C	Z	22.263	2
72	MP3C	Mx	.015	2
73	MP3C	X	0	6
74	MP3C	Z	22.263	6
75	MP3C	Mx	.015	6
76	MP1A	X	0	3
77	MP1A	Z	10.485	3
78	MP1A	Mx	0	3
79	MP1A	X	0	5
80	MP1A	Z	10.485	5
81	MP1A	Mx	0	5
82	MP1B	X	0	3
83	MP1B	Z	17.142	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP1B	Mx	-.007	3
85	MP1B	X	0	5
86	MP1B	Z	17.142	5
87	MP1B	Mx	-.007	5
88	MP1C	X	0	3
89	MP1C	Z	17.142	3
90	MP1C	Mx	.007	3
91	MP1C	X	0	5
92	MP1C	Z	17.142	5
93	MP1C	Mx	.007	5
94	MP4A	X	0	3
95	MP4A	Z	10.485	3
96	MP4A	Mx	0	3
97	MP4A	X	0	5
98	MP4A	Z	10.485	5
99	MP4A	Mx	0	5
100	MP4B	X	0	3
101	MP4B	Z	17.142	3
102	MP4B	Mx	-.007	3
103	MP4B	X	0	5
104	MP4B	Z	17.142	5
105	MP4B	Mx	-.007	5
106	MP4C	X	0	3
107	MP4C	Z	17.142	3
108	MP4C	Mx	.007	3
109	MP4C	X	0	5
110	MP4C	Z	17.142	5
111	MP4C	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.094	3
2	MP2A	Z	15.752	3
3	MP2A	Mx	.005	3
4	MP2A	X	-9.094	5
5	MP2A	Z	15.752	5
6	MP2A	Mx	.005	5
7	MP2B	X	-6.187	3
8	MP2B	Z	10.717	3
9	MP2B	Mx	-.005	3
10	MP2B	X	-6.187	5
11	MP2B	Z	10.717	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-9.094	3
14	MP2C	Z	15.752	3
15	MP2C	Mx	.005	3
16	MP2C	X	-9.094	5
17	MP2C	Z	15.752	5
18	MP2C	Mx	.005	5
19	MP4A	X	-6.86	4
20	MP4A	Z	11.882	4
21	MP4A	Mx	-.003	4
22	MP4B	X	-5.25	4
23	MP4B	Z	9.093	4
24	MP4B	Mx	.005	4
25	MP4C	X	-6.86	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP4C	Z	11.882	4
27	MP4C	Mx	-.003	4
28	MP3A	X	-6.656	4
29	MP3A	Z	11.529	4
30	MP3A	Mx	-.003	4
31	MP3B	X	-4.434	4
32	MP3B	Z	7.679	4
33	MP3B	Mx	.004	4
34	MP3C	X	-6.656	4
35	MP3C	Z	11.529	4
36	MP3C	Mx	-.003	4
37	OVP	X	-12.492	1
38	OVP	Z	21.637	1
39	OVP	Mx	0	1
40	MP3A	X	-13.252	2
41	MP3A	Z	22.953	2
42	MP3A	Mx	.018	2
43	MP3A	X	-13.252	6
44	MP3A	Z	22.953	6
45	MP3A	Mx	.018	6
46	MP3B	X	-11.131	2
47	MP3B	Z	19.28	2
48	MP3B	Mx	-.015	2
49	MP3B	X	-11.131	6
50	MP3B	Z	19.28	6
51	MP3B	Mx	-.015	6
52	MP3C	X	-13.252	2
53	MP3C	Z	22.953	2
54	MP3C	Mx	-.005	2
55	MP3C	X	-13.252	6
56	MP3C	Z	22.953	6
57	MP3C	Mx	-.005	6
58	MP3A	X	-13.252	2
59	MP3A	Z	22.953	2
60	MP3A	Mx	-.005	2
61	MP3A	X	-13.252	6
62	MP3A	Z	22.953	6
63	MP3A	Mx	-.005	6
64	MP3B	X	-11.131	2
65	MP3B	Z	19.28	2
66	MP3B	Mx	-.004	2
67	MP3B	X	-11.131	6
68	MP3B	Z	19.28	6
69	MP3B	Mx	-.004	6
70	MP3C	X	-13.252	2
71	MP3C	Z	22.953	2
72	MP3C	Mx	.018	2
73	MP3C	X	-13.252	6
74	MP3C	Z	22.953	6
75	MP3C	Mx	.018	6
76	MP1A	X	-6.352	3
77	MP1A	Z	11.002	3
78	MP1A	Mx	.003	3
79	MP1A	X	-6.352	5
80	MP1A	Z	11.002	5
81	MP1A	Mx	.003	5
82	MP1B	X	-9.68	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	16.767	3
84	MP1B	Mx	-.01	3
85	MP1B	X	-9.68	5
86	MP1B	Z	16.767	5
87	MP1B	Mx	-.01	5
88	MP1C	X	-6.352	3
89	MP1C	Z	11.002	3
90	MP1C	Mx	.003	3
91	MP1C	X	-6.352	5
92	MP1C	Z	11.002	5
93	MP1C	Mx	.003	5
94	MP4A	X	-6.352	3
95	MP4A	Z	11.002	3
96	MP4A	Mx	.003	3
97	MP4A	X	-6.352	5
98	MP4A	Z	11.002	5
99	MP4A	Mx	.003	5
100	MP4B	X	-9.68	3
101	MP4B	Z	16.767	3
102	MP4B	Mx	-.01	3
103	MP4B	X	-9.68	5
104	MP4B	Z	16.767	5
105	MP4B	Mx	-.01	5
106	MP4C	X	-6.352	3
107	MP4C	Z	11.002	3
108	MP4C	Mx	.003	3
109	MP4C	X	-6.352	5
110	MP4C	Z	11.002	5
111	MP4C	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.717	3
2	MP2A	Z	6.187	3
3	MP2A	Mx	.005	3
4	MP2A	X	-10.717	5
5	MP2A	Z	6.187	5
6	MP2A	Mx	.005	5
7	MP2B	X	-8.2	3
8	MP2B	Z	4.734	3
9	MP2B	Mx	-.005	3
10	MP2B	X	-8.2	5
11	MP2B	Z	4.734	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-18.269	3
14	MP2C	Z	10.547	3
15	MP2C	Mx	0	3
16	MP2C	X	-18.269	5
17	MP2C	Z	10.547	5
18	MP2C	Mx	0	5
19	MP4A	X	-10.022	4
20	MP4A	Z	5.786	4
21	MP4A	Mx	-.005	4
22	MP4B	X	-10.022	4
23	MP4B	Z	5.786	4
24	MP4B	Mx	.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP4C	X	-12.812	4
26	MP4C	Z	7.397	4
27	MP4C	Mx	0	4
28	MP3A	X	-8.962	4
29	MP3A	Z	5.174	4
30	MP3A	Mx	-.004	4
31	MP3B	X	-8.962	4
32	MP3B	Z	5.174	4
33	MP3B	Mx	.004	4
34	MP3C	X	-12.812	4
35	MP3C	Z	7.397	4
36	MP3C	Mx	0	4
37	OVP	X	-20.295	1
38	OVP	Z	11.717	1
39	OVP	Mx	0	1
40	MP3A	X	-19.28	2
41	MP3A	Z	11.131	2
42	MP3A	Mx	.015	2
43	MP3A	X	-19.28	6
44	MP3A	Z	11.131	6
45	MP3A	Mx	.015	6
46	MP3B	X	-17.444	2
47	MP3B	Z	10.071	2
48	MP3B	Mx	-.01	2
49	MP3B	X	-17.444	6
50	MP3B	Z	10.071	6
51	MP3B	Mx	-.01	6
52	MP3C	X	-24.789	2
53	MP3C	Z	14.312	2
54	MP3C	Mx	-.014	2
55	MP3C	X	-24.789	6
56	MP3C	Z	14.312	6
57	MP3C	Mx	-.014	6
58	MP3A	X	-19.28	2
59	MP3A	Z	11.131	2
60	MP3A	Mx	.004	2
61	MP3A	X	-19.28	6
62	MP3A	Z	11.131	6
63	MP3A	Mx	.004	6
64	MP3B	X	-17.444	2
65	MP3B	Z	10.071	2
66	MP3B	Mx	-.01	2
67	MP3B	X	-17.444	6
68	MP3B	Z	10.071	6
69	MP3B	Mx	-.01	6
70	MP3C	X	-24.789	2
71	MP3C	Z	14.312	2
72	MP3C	Mx	.014	2
73	MP3C	X	-24.789	6
74	MP3C	Z	14.312	6
75	MP3C	Mx	.014	6
76	MP1A	X	-14.845	3
77	MP1A	Z	8.571	3
78	MP1A	Mx	.007	3
79	MP1A	X	-14.845	5
80	MP1A	Z	8.571	5
81	MP1A	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP1B	X	-14.845	3
83	MP1B	Z	8.571	3
84	MP1B	Mx	-.007	3
85	MP1B	X	-14.845	5
86	MP1B	Z	8.571	5
87	MP1B	Mx	-.007	5
88	MP1C	X	-9.081	3
89	MP1C	Z	5.243	3
90	MP1C	Mx	0	3
91	MP1C	X	-9.081	5
92	MP1C	Z	5.243	5
93	MP1C	Mx	0	5
94	MP4A	X	-14.845	3
95	MP4A	Z	8.571	3
96	MP4A	Mx	.007	3
97	MP4A	X	-14.845	5
98	MP4A	Z	8.571	5
99	MP4A	Mx	.007	5
100	MP4B	X	-14.845	3
101	MP4B	Z	8.571	3
102	MP4B	Mx	-.007	3
103	MP4B	X	-14.845	5
104	MP4B	Z	8.571	5
105	MP4B	Mx	-.007	5
106	MP4C	X	-9.081	3
107	MP4C	Z	5.243	3
108	MP4C	Mx	0	3
109	MP4C	X	-9.081	5
110	MP4C	Z	5.243	5
111	MP4C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.468	3
2	MP2A	Z	0	3
3	MP2A	Mx	.005	3
4	MP2A	X	-9.468	5
5	MP2A	Z	0	5
6	MP2A	Mx	.005	5
7	MP2B	X	-12.375	3
8	MP2B	Z	0	3
9	MP2B	Mx	-.005	3
10	MP2B	X	-12.375	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-18.188	3
14	MP2C	Z	0	3
15	MP2C	Mx	-.005	3
16	MP2C	X	-18.188	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.005	5
19	MP4A	X	-10.499	4
20	MP4A	Z	0	4
21	MP4A	Mx	-.005	4
22	MP4B	X	-13.72	4
23	MP4B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4B	Mx	.003	4
25	MP4C	X	-13.72	4
26	MP4C	Z	0	4
27	MP4C	Mx	.003	4
28	MP3A	X	-8.867	4
29	MP3A	Z	0	4
30	MP3A	Mx	-.004	4
31	MP3B	X	-13.312	4
32	MP3B	Z	0	4
33	MP3B	Mx	.003	4
34	MP3C	X	-13.312	4
35	MP3C	Z	0	4
36	MP3C	Mx	.003	4
37	OVP	X	-24.984	1
38	OVP	Z	0	1
39	OVP	Mx	0	1
40	MP3A	X	-20.142	2
41	MP3A	Z	0	2
42	MP3A	Mx	.01	2
43	MP3A	X	-20.142	6
44	MP3A	Z	0	6
45	MP3A	Mx	.01	6
46	MP3B	X	-22.263	2
47	MP3B	Z	0	2
48	MP3B	Mx	-.004	2
49	MP3B	X	-22.263	6
50	MP3B	Z	0	6
51	MP3B	Mx	-.004	6
52	MP3C	X	-26.503	2
53	MP3C	Z	0	2
54	MP3C	Mx	-.018	2
55	MP3C	X	-26.503	6
56	MP3C	Z	0	6
57	MP3C	Mx	-.018	6
58	MP3A	X	-20.142	2
59	MP3A	Z	0	2
60	MP3A	Mx	.01	2
61	MP3A	X	-20.142	6
62	MP3A	Z	0	6
63	MP3A	Mx	.01	6
64	MP3B	X	-22.263	2
65	MP3B	Z	0	2
66	MP3B	Mx	-.015	2
67	MP3B	X	-22.263	6
68	MP3B	Z	0	6
69	MP3B	Mx	-.015	6
70	MP3C	X	-26.503	2
71	MP3C	Z	0	2
72	MP3C	Mx	.005	2
73	MP3C	X	-26.503	6
74	MP3C	Z	0	6
75	MP3C	Mx	.005	6
76	MP1A	X	-19.36	3
77	MP1A	Z	0	3
78	MP1A	Mx	.01	3
79	MP1A	X	-19.36	5
80	MP1A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP1A	Mx	.01	5
82	MP1B	X	-12.704	3
83	MP1B	Z	0	3
84	MP1B	Mx	-.003	3
85	MP1B	X	-12.704	5
86	MP1B	Z	0	5
87	MP1B	Mx	-.003	5
88	MP1C	X	-12.704	3
89	MP1C	Z	0	3
90	MP1C	Mx	-.003	3
91	MP1C	X	-12.704	5
92	MP1C	Z	0	5
93	MP1C	Mx	-.003	5
94	MP4A	X	-19.36	3
95	MP4A	Z	0	3
96	MP4A	Mx	.01	3
97	MP4A	X	-19.36	5
98	MP4A	Z	0	5
99	MP4A	Mx	.01	5
100	MP4B	X	-12.704	3
101	MP4B	Z	0	3
102	MP4B	Mx	-.003	3
103	MP4B	X	-12.704	5
104	MP4B	Z	0	5
105	MP4B	Mx	-.003	5
106	MP4C	X	-12.704	3
107	MP4C	Z	0	3
108	MP4C	Mx	-.003	3
109	MP4C	X	-12.704	5
110	MP4C	Z	0	5
111	MP4C	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.717	3
2	MP2A	Z	-6.187	3
3	MP2A	Mx	.005	3
4	MP2A	X	-10.717	5
5	MP2A	Z	-6.187	5
6	MP2A	Mx	.005	5
7	MP2B	X	-15.752	3
8	MP2B	Z	-9.094	3
9	MP2B	Mx	-.005	3
10	MP2B	X	-15.752	5
11	MP2B	Z	-9.094	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-10.717	3
14	MP2C	Z	-6.187	3
15	MP2C	Mx	-.005	3
16	MP2C	X	-10.717	5
17	MP2C	Z	-6.187	5
18	MP2C	Mx	-.005	5
19	MP4A	X	-10.022	4
20	MP4A	Z	-5.786	4
21	MP4A	Mx	-.005	4
22	MP4B	X	-12.812	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP4B	Z	-7.397	4
24	MP4B	Mx	0	4
25	MP4C	X	-10.022	4
26	MP4C	Z	-5.786	4
27	MP4C	Mx	.005	4
28	MP3A	X	-8.962	4
29	MP3A	Z	-5.174	4
30	MP3A	Mx	-.004	4
31	MP3B	X	-12.812	4
32	MP3B	Z	-7.397	4
33	MP3B	Mx	0	4
34	MP3C	X	-8.962	4
35	MP3C	Z	-5.174	4
36	MP3C	Mx	.004	4
37	OVP	X	-24.322	1
38	OVP	Z	-14.042	1
39	OVP	Mx	0	1
40	MP3A	X	-19.28	2
41	MP3A	Z	-11.131	2
42	MP3A	Mx	.004	2
43	MP3A	X	-19.28	6
44	MP3A	Z	-11.131	6
45	MP3A	Mx	.004	6
46	MP3B	X	-22.953	2
47	MP3B	Z	-13.252	2
48	MP3B	Mx	.005	2
49	MP3B	X	-22.953	6
50	MP3B	Z	-13.252	6
51	MP3B	Mx	.005	6
52	MP3C	X	-19.28	2
53	MP3C	Z	-11.131	2
54	MP3C	Mx	-.015	2
55	MP3C	X	-19.28	6
56	MP3C	Z	-11.131	6
57	MP3C	Mx	-.015	6
58	MP3A	X	-19.28	2
59	MP3A	Z	-11.131	2
60	MP3A	Mx	.015	2
61	MP3A	X	-19.28	6
62	MP3A	Z	-11.131	6
63	MP3A	Mx	.015	6
64	MP3B	X	-22.953	2
65	MP3B	Z	-13.252	2
66	MP3B	Mx	-.018	2
67	MP3B	X	-22.953	6
68	MP3B	Z	-13.252	6
69	MP3B	Mx	-.018	6
70	MP3C	X	-19.28	2
71	MP3C	Z	-11.131	2
72	MP3C	Mx	-.004	2
73	MP3C	X	-19.28	6
74	MP3C	Z	-11.131	6
75	MP3C	Mx	-.004	6
76	MP1A	X	-14.845	3
77	MP1A	Z	-8.571	3
78	MP1A	Mx	.007	3
79	MP1A	X	-14.845	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	-8.571	5
81	MP1A	Mx	.007	5
82	MP1B	X	-9.081	3
83	MP1B	Z	-5.243	3
84	MP1B	Mx	0	3
85	MP1B	X	-9.081	5
86	MP1B	Z	-5.243	5
87	MP1B	Mx	0	5
88	MP1C	X	-14.845	3
89	MP1C	Z	-8.571	3
90	MP1C	Mx	-.007	3
91	MP1C	X	-14.845	5
92	MP1C	Z	-8.571	5
93	MP1C	Mx	-.007	5
94	MP4A	X	-14.845	3
95	MP4A	Z	-8.571	3
96	MP4A	Mx	.007	3
97	MP4A	X	-14.845	5
98	MP4A	Z	-8.571	5
99	MP4A	Mx	.007	5
100	MP4B	X	-9.081	3
101	MP4B	Z	-5.243	3
102	MP4B	Mx	0	3
103	MP4B	X	-9.081	5
104	MP4B	Z	-5.243	5
105	MP4B	Mx	0	5
106	MP4C	X	-14.845	3
107	MP4C	Z	-8.571	3
108	MP4C	Mx	-.007	3
109	MP4C	X	-14.845	5
110	MP4C	Z	-8.571	5
111	MP4C	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.094	3
2	MP2A	Z	-15.752	3
3	MP2A	Mx	.005	3
4	MP2A	X	-9.094	5
5	MP2A	Z	-15.752	5
6	MP2A	Mx	.005	5
7	MP2B	X	-10.547	3
8	MP2B	Z	-18.269	3
9	MP2B	Mx	0	3
10	MP2B	X	-10.547	5
11	MP2B	Z	-18.269	5
12	MP2B	Mx	0	5
13	MP2C	X	-4.734	3
14	MP2C	Z	-8.2	3
15	MP2C	Mx	-.005	3
16	MP2C	X	-4.734	5
17	MP2C	Z	-8.2	5
18	MP2C	Mx	-.005	5
19	MP4A	X	-6.86	4
20	MP4A	Z	-11.882	4
21	MP4A	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP4B	X	-6.86	4
23	MP4B	Z	-11.882	4
24	MP4B	Mx	-.003	4
25	MP4C	X	-5.25	4
26	MP4C	Z	-9.093	4
27	MP4C	Mx	.005	4
28	MP3A	X	-6.656	4
29	MP3A	Z	-11.529	4
30	MP3A	Mx	-.003	4
31	MP3B	X	-6.656	4
32	MP3B	Z	-11.529	4
33	MP3B	Mx	-.003	4
34	MP3C	X	-4.434	4
35	MP3C	Z	-7.679	4
36	MP3C	Mx	.004	4
37	OVP	X	-14.817	1
38	OVP	Z	-25.664	1
39	OVP	Mx	0	1
40	MP3A	X	-13.252	2
41	MP3A	Z	-22.953	2
42	MP3A	Mx	-.005	2
43	MP3A	X	-13.252	6
44	MP3A	Z	-22.953	6
45	MP3A	Mx	-.005	6
46	MP3B	X	-14.312	2
47	MP3B	Z	-24.789	2
48	MP3B	Mx	.014	2
49	MP3B	X	-14.312	6
50	MP3B	Z	-24.789	6
51	MP3B	Mx	.014	6
52	MP3C	X	-10.071	2
53	MP3C	Z	-17.444	2
54	MP3C	Mx	-.01	2
55	MP3C	X	-10.071	6
56	MP3C	Z	-17.444	6
57	MP3C	Mx	-.01	6
58	MP3A	X	-13.252	2
59	MP3A	Z	-22.953	2
60	MP3A	Mx	.018	2
61	MP3A	X	-13.252	6
62	MP3A	Z	-22.953	6
63	MP3A	Mx	.018	6
64	MP3B	X	-14.312	2
65	MP3B	Z	-24.789	2
66	MP3B	Mx	-.014	2
67	MP3B	X	-14.312	6
68	MP3B	Z	-24.789	6
69	MP3B	Mx	-.014	6
70	MP3C	X	-10.071	2
71	MP3C	Z	-17.444	2
72	MP3C	Mx	-.01	2
73	MP3C	X	-10.071	6
74	MP3C	Z	-17.444	6
75	MP3C	Mx	-.01	6
76	MP1A	X	-6.352	3
77	MP1A	Z	-11.002	3
78	MP1A	Mx	.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP1A	X	-6.352	5
80	MP1A	Z	-11.002	5
81	MP1A	Mx	.003	5
82	MP1B	X	-6.352	3
83	MP1B	Z	-11.002	3
84	MP1B	Mx	.003	3
85	MP1B	X	-6.352	5
86	MP1B	Z	-11.002	5
87	MP1B	Mx	.003	5
88	MP1C	X	-9.68	3
89	MP1C	Z	-16.767	3
90	MP1C	Mx	-.01	3
91	MP1C	X	-9.68	5
92	MP1C	Z	-16.767	5
93	MP1C	Mx	-.01	5
94	MP4A	X	-6.352	3
95	MP4A	Z	-11.002	3
96	MP4A	Mx	.003	3
97	MP4A	X	-6.352	5
98	MP4A	Z	-11.002	5
99	MP4A	Mx	.003	5
100	MP4B	X	-6.352	3
101	MP4B	Z	-11.002	3
102	MP4B	Mx	.003	3
103	MP4B	X	-6.352	5
104	MP4B	Z	-11.002	5
105	MP4B	Mx	.003	5
106	MP4C	X	-9.68	3
107	MP4C	Z	-16.767	3
108	MP4C	Mx	-.01	3
109	MP4C	X	-9.68	5
110	MP4C	Z	-16.767	5
111	MP4C	Mx	-.01	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	-6.246	3
3	MP2A	Mx	0	3
4	MP2A	X	0	5
5	MP2A	Z	-6.246	5
6	MP2A	Mx	0	5
7	MP2B	X	0	3
8	MP2B	Z	-5.296	3
9	MP2B	Mx	.001	3
10	MP2B	X	0	5
11	MP2B	Z	-5.296	5
12	MP2B	Mx	.001	5
13	MP2C	X	0	3
14	MP2C	Z	-3.395	3
15	MP2C	Mx	-.001	3
16	MP2C	X	0	5
17	MP2C	Z	-3.395	5
18	MP2C	Mx	-.001	5
19	MP4A	X	0	4
20	MP4A	Z	-4.071	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP4A	Mx	0	4
22	MP4B	X	0	4
23	MP4B	Z	-3.058	4
24	MP4B	Mx	-.001	4
25	MP4C	X	0	4
26	MP4C	Z	-3.058	4
27	MP4C	Mx	.001	4
28	MP3A	X	0	4
29	MP3A	Z	-4.071	4
30	MP3A	Mx	0	4
31	MP3B	X	0	4
32	MP3B	Z	-2.671	4
33	MP3B	Mx	-.001	4
34	MP3C	X	0	4
35	MP3C	Z	-2.671	4
36	MP3C	Mx	.001	4
37	OVP	X	0	1
38	OVP	Z	-8.314	1
39	OVP	Mx	0	1
40	MP3A	X	0	2
41	MP3A	Z	-8.881	2
42	MP3A	Mx	-.004	2
43	MP3A	X	0	6
44	MP3A	Z	-8.881	6
45	MP3A	Mx	-.004	6
46	MP3B	X	0	2
47	MP3B	Z	-8.129	2
48	MP3B	Mx	.006	2
49	MP3B	X	0	6
50	MP3B	Z	-8.129	6
51	MP3B	Mx	.006	6
52	MP3C	X	0	2
53	MP3C	Z	-6.625	2
54	MP3C	Mx	-.001	2
55	MP3C	X	0	6
56	MP3C	Z	-6.625	6
57	MP3C	Mx	-.001	6
58	MP3A	X	0	2
59	MP3A	Z	-8.881	2
60	MP3A	Mx	.004	2
61	MP3A	X	0	6
62	MP3A	Z	-8.881	6
63	MP3A	Mx	.004	6
64	MP3B	X	0	2
65	MP3B	Z	-8.129	2
66	MP3B	Mx	-.001	2
67	MP3B	X	0	6
68	MP3B	Z	-8.129	6
69	MP3B	Mx	-.001	6
70	MP3C	X	0	2
71	MP3C	Z	-6.625	2
72	MP3C	Mx	-.005	2
73	MP3C	X	0	6
74	MP3C	Z	-6.625	6
75	MP3C	Mx	-.005	6
76	MP1A	X	0	3
77	MP1A	Z	-2.841	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP1A	Mx	0	3
79	MP1A	X	0	5
80	MP1A	Z	-2.841	5
81	MP1A	Mx	0	5
82	MP1B	X	0	3
83	MP1B	Z	-5.117	3
84	MP1B	Mx	.002	3
85	MP1B	X	0	5
86	MP1B	Z	-5.117	5
87	MP1B	Mx	.002	5
88	MP1C	X	0	3
89	MP1C	Z	-5.117	3
90	MP1C	Mx	-.002	3
91	MP1C	X	0	5
92	MP1C	Z	-5.117	5
93	MP1C	Mx	-.002	5
94	MP4A	X	0	3
95	MP4A	Z	-2.841	3
96	MP4A	Mx	0	3
97	MP4A	X	0	5
98	MP4A	Z	-2.841	5
99	MP4A	Mx	0	5
100	MP4B	X	0	3
101	MP4B	Z	-5.117	3
102	MP4B	Mx	.002	3
103	MP4B	X	0	5
104	MP4B	Z	-5.117	5
105	MP4B	Mx	.002	5
106	MP4C	X	0	3
107	MP4C	Z	-5.117	3
108	MP4C	Mx	-.002	3
109	MP4C	X	0	5
110	MP4C	Z	-5.117	5
111	MP4C	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.648	3
2	MP2A	Z	-4.586	3
3	MP2A	Mx	-.001	3
4	MP2A	X	2.648	5
5	MP2A	Z	-4.586	5
6	MP2A	Mx	-.001	5
7	MP2B	X	1.698	3
8	MP2B	Z	-2.94	3
9	MP2B	Mx	.001	3
10	MP2B	X	1.698	5
11	MP2B	Z	-2.94	5
12	MP2B	Mx	.001	5
13	MP2C	X	2.648	3
14	MP2C	Z	-4.586	3
15	MP2C	Mx	-.001	3
16	MP2C	X	2.648	5
17	MP2C	Z	-4.586	5
18	MP2C	Mx	-.001	5
19	MP4A	X	1.867	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP4A	Z	-3.233	4
21	MP4A	Mx	.000934	4
22	MP4B	X	1.361	4
23	MP4B	Z	-2.356	4
24	MP4B	Mx	-.001	4
25	MP4C	X	1.867	4
26	MP4C	Z	-3.233	4
27	MP4C	Mx	.000933	4
28	MP3A	X	1.802	4
29	MP3A	Z	-3.121	4
30	MP3A	Mx	.000901	4
31	MP3B	X	1.102	4
32	MP3B	Z	-1.909	4
33	MP3B	Mx	-.001	4
34	MP3C	X	1.802	4
35	MP3C	Z	-3.121	4
36	MP3C	Mx	.000901	4
37	OVP	X	3.633	1
38	OVP	Z	-6.293	1
39	OVP	Mx	0	1
40	MP3A	X	4.065	2
41	MP3A	Z	-7.04	2
42	MP3A	Mx	-.006	2
43	MP3A	X	4.065	6
44	MP3A	Z	-7.04	6
45	MP3A	Mx	-.006	6
46	MP3B	X	3.313	2
47	MP3B	Z	-5.738	2
48	MP3B	Mx	.005	2
49	MP3B	X	3.313	6
50	MP3B	Z	-5.738	6
51	MP3B	Mx	.005	6
52	MP3C	X	4.065	2
53	MP3C	Z	-7.04	2
54	MP3C	Mx	.001	2
55	MP3C	X	4.065	6
56	MP3C	Z	-7.04	6
57	MP3C	Mx	.001	6
58	MP3A	X	4.065	2
59	MP3A	Z	-7.04	2
60	MP3A	Mx	.001	2
61	MP3A	X	4.065	6
62	MP3A	Z	-7.04	6
63	MP3A	Mx	.001	6
64	MP3B	X	3.313	2
65	MP3B	Z	-5.738	2
66	MP3B	Mx	.001	2
67	MP3B	X	3.313	6
68	MP3B	Z	-5.738	6
69	MP3B	Mx	.001	6
70	MP3C	X	4.065	2
71	MP3C	Z	-7.04	2
72	MP3C	Mx	-.006	2
73	MP3C	X	4.065	6
74	MP3C	Z	-7.04	6
75	MP3C	Mx	-.006	6
76	MP1A	X	1.8	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP1A	Z	-3.117	3
78	MP1A	Mx	-.0009	3
79	MP1A	X	1.8	5
80	MP1A	Z	-3.117	5
81	MP1A	Mx	-.0009	5
82	MP1B	X	2.938	3
83	MP1B	Z	-5.089	3
84	MP1B	Mx	.003	3
85	MP1B	X	2.938	5
86	MP1B	Z	-5.089	5
87	MP1B	Mx	.003	5
88	MP1C	X	1.8	3
89	MP1C	Z	-3.117	3
90	MP1C	Mx	-.0009	3
91	MP1C	X	1.8	5
92	MP1C	Z	-3.117	5
93	MP1C	Mx	-.0009	5
94	MP4A	X	1.8	3
95	MP4A	Z	-3.117	3
96	MP4A	Mx	-.0009	3
97	MP4A	X	1.8	5
98	MP4A	Z	-3.117	5
99	MP4A	Mx	-.0009	5
100	MP4B	X	2.938	3
101	MP4B	Z	-5.089	3
102	MP4B	Mx	.003	3
103	MP4B	X	2.938	5
104	MP4B	Z	-5.089	5
105	MP4B	Mx	.003	5
106	MP4C	X	1.8	3
107	MP4C	Z	-3.117	3
108	MP4C	Mx	-.0009	3
109	MP4C	X	1.8	5
110	MP4C	Z	-3.117	5
111	MP4C	Mx	-.0009	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.94	3
2	MP2A	Z	-1.698	3
3	MP2A	Mx	-.001	3
4	MP2A	X	2.94	5
5	MP2A	Z	-1.698	5
6	MP2A	Mx	-.001	5
7	MP2B	X	2.118	3
8	MP2B	Z	-1.223	3
9	MP2B	Mx	.001	3
10	MP2B	X	2.118	5
11	MP2B	Z	-1.223	5
12	MP2B	Mx	.001	5
13	MP2C	X	5.409	3
14	MP2C	Z	-3.123	3
15	MP2C	Mx	0	3
16	MP2C	X	5.409	5
17	MP2C	Z	-3.123	5
18	MP2C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP4A	X	2.649	4
20	MP4A	Z	-1.529	4
21	MP4A	Mx	.001	4
22	MP4B	X	2.649	4
23	MP4B	Z	-1.529	4
24	MP4B	Mx	-.001	4
25	MP4C	X	3.525	4
26	MP4C	Z	-2.035	4
27	MP4C	Mx	0	4
28	MP3A	X	2.313	4
29	MP3A	Z	-1.335	4
30	MP3A	Mx	.001	4
31	MP3B	X	2.313	4
32	MP3B	Z	-1.335	4
33	MP3B	Mx	-.001	4
34	MP3C	X	3.525	4
35	MP3C	Z	-2.035	4
36	MP3C	Mx	0	4
37	OVP	X	5.839	1
38	OVP	Z	-3.371	1
39	OVP	Mx	0	1
40	MP3A	X	5.738	2
41	MP3A	Z	-3.313	2
42	MP3A	Mx	-.005	2
43	MP3A	X	5.738	6
44	MP3A	Z	-3.313	6
45	MP3A	Mx	-.005	6
46	MP3B	X	5.087	2
47	MP3B	Z	-2.937	2
48	MP3B	Mx	.003	2
49	MP3B	X	5.087	6
50	MP3B	Z	-2.937	6
51	MP3B	Mx	.003	6
52	MP3C	X	7.692	2
53	MP3C	Z	-4.441	2
54	MP3C	Mx	.004	2
55	MP3C	X	7.692	6
56	MP3C	Z	-4.441	6
57	MP3C	Mx	.004	6
58	MP3A	X	5.738	2
59	MP3A	Z	-3.313	2
60	MP3A	Mx	-.001	2
61	MP3A	X	5.738	6
62	MP3A	Z	-3.313	6
63	MP3A	Mx	-.001	6
64	MP3B	X	5.087	2
65	MP3B	Z	-2.937	2
66	MP3B	Mx	.003	2
67	MP3B	X	5.087	6
68	MP3B	Z	-2.937	6
69	MP3B	Mx	.003	6
70	MP3C	X	7.692	2
71	MP3C	Z	-4.441	2
72	MP3C	Mx	-.004	2
73	MP3C	X	7.692	6
74	MP3C	Z	-4.441	6
75	MP3C	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP1A	X	4.432	3
77	MP1A	Z	-2.559	3
78	MP1A	Mx	-.002	3
79	MP1A	X	4.432	5
80	MP1A	Z	-2.559	5
81	MP1A	Mx	-.002	5
82	MP1B	X	4.432	3
83	MP1B	Z	-2.559	3
84	MP1B	Mx	.002	3
85	MP1B	X	4.432	5
86	MP1B	Z	-2.559	5
87	MP1B	Mx	.002	5
88	MP1C	X	2.46	3
89	MP1C	Z	-1.42	3
90	MP1C	Mx	0	3
91	MP1C	X	2.46	5
92	MP1C	Z	-1.42	5
93	MP1C	Mx	0	5
94	MP4A	X	4.432	3
95	MP4A	Z	-2.559	3
96	MP4A	Mx	-.002	3
97	MP4A	X	4.432	5
98	MP4A	Z	-2.559	5
99	MP4A	Mx	-.002	5
100	MP4B	X	4.432	3
101	MP4B	Z	-2.559	3
102	MP4B	Mx	.002	3
103	MP4B	X	4.432	5
104	MP4B	Z	-2.559	5
105	MP4B	Mx	.002	5
106	MP4C	X	2.46	3
107	MP4C	Z	-1.42	3
108	MP4C	Mx	0	3
109	MP4C	X	2.46	5
110	MP4C	Z	-1.42	5
111	MP4C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.445	3
2	MP2A	Z	0	3
3	MP2A	Mx	-.001	3
4	MP2A	X	2.445	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.001	5
7	MP2B	X	3.395	3
8	MP2B	Z	0	3
9	MP2B	Mx	.001	3
10	MP2B	X	3.395	5
11	MP2B	Z	0	5
12	MP2B	Mx	.001	5
13	MP2C	X	5.296	3
14	MP2C	Z	0	3
15	MP2C	Mx	.001	3
16	MP2C	X	5.296	5
17	MP2C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.001	5
19	MP4A	X	2.721	4
20	MP4A	Z	0	4
21	MP4A	Mx	.001	4
22	MP4B	X	3.733	4
23	MP4B	Z	0	4
24	MP4B	Mx	-.000933	4
25	MP4C	X	3.733	4
26	MP4C	Z	0	4
27	MP4C	Mx	-.000933	4
28	MP3A	X	2.204	4
29	MP3A	Z	0	4
30	MP3A	Mx	.001	4
31	MP3B	X	3.604	4
32	MP3B	Z	0	4
33	MP3B	Mx	-.000901	4
34	MP3C	X	3.604	4
35	MP3C	Z	0	4
36	MP3C	Mx	-.000901	4
37	OVP	X	7.267	1
38	OVP	Z	0	1
39	OVP	Mx	0	1
40	MP3A	X	5.873	2
41	MP3A	Z	0	2
42	MP3A	Mx	-.003	2
43	MP3A	X	5.873	6
44	MP3A	Z	0	6
45	MP3A	Mx	-.003	6
46	MP3B	X	6.625	2
47	MP3B	Z	0	2
48	MP3B	Mx	.001	2
49	MP3B	X	6.625	6
50	MP3B	Z	0	6
51	MP3B	Mx	.001	6
52	MP3C	X	8.129	2
53	MP3C	Z	0	2
54	MP3C	Mx	.006	2
55	MP3C	X	8.129	6
56	MP3C	Z	0	6
57	MP3C	Mx	.006	6
58	MP3A	X	5.873	2
59	MP3A	Z	0	2
60	MP3A	Mx	-.003	2
61	MP3A	X	5.873	6
62	MP3A	Z	0	6
63	MP3A	Mx	-.003	6
64	MP3B	X	6.625	2
65	MP3B	Z	0	2
66	MP3B	Mx	.005	2
67	MP3B	X	6.625	6
68	MP3B	Z	0	6
69	MP3B	Mx	.005	6
70	MP3C	X	8.129	2
71	MP3C	Z	0	2
72	MP3C	Mx	-.001	2
73	MP3C	X	8.129	6
74	MP3C	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	-.001	6
76	MP1A	X	5.876	3
77	MP1A	Z	0	3
78	MP1A	Mx	-.003	3
79	MP1A	X	5.876	5
80	MP1A	Z	0	5
81	MP1A	Mx	-.003	5
82	MP1B	X	3.6	3
83	MP1B	Z	0	3
84	MP1B	Mx	.0009	3
85	MP1B	X	3.6	5
86	MP1B	Z	0	5
87	MP1B	Mx	.0009	5
88	MP1C	X	3.6	3
89	MP1C	Z	0	3
90	MP1C	Mx	.0009	3
91	MP1C	X	3.6	5
92	MP1C	Z	0	5
93	MP1C	Mx	.0009	5
94	MP4A	X	5.876	3
95	MP4A	Z	0	3
96	MP4A	Mx	-.003	3
97	MP4A	X	5.876	5
98	MP4A	Z	0	5
99	MP4A	Mx	-.003	5
100	MP4B	X	3.6	3
101	MP4B	Z	0	3
102	MP4B	Mx	.0009	3
103	MP4B	X	3.6	5
104	MP4B	Z	0	5
105	MP4B	Mx	.0009	5
106	MP4C	X	3.6	3
107	MP4C	Z	0	3
108	MP4C	Mx	.0009	3
109	MP4C	X	3.6	5
110	MP4C	Z	0	5
111	MP4C	Mx	.0009	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.94	3
2	MP2A	Z	1.698	3
3	MP2A	Mx	-.001	3
4	MP2A	X	2.94	5
5	MP2A	Z	1.698	5
6	MP2A	Mx	-.001	5
7	MP2B	X	4.586	3
8	MP2B	Z	2.648	3
9	MP2B	Mx	.001	3
10	MP2B	X	4.586	5
11	MP2B	Z	2.648	5
12	MP2B	Mx	.001	5
13	MP2C	X	2.94	3
14	MP2C	Z	1.698	3
15	MP2C	Mx	.001	3
16	MP2C	X	2.94	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	1.698	5
18	MP2C	Mx	.001	5
19	MP4A	X	2.649	4
20	MP4A	Z	1.529	4
21	MP4A	Mx	.001	4
22	MP4B	X	3.525	4
23	MP4B	Z	2.035	4
24	MP4B	Mx	0	4
25	MP4C	X	2.649	4
26	MP4C	Z	1.529	4
27	MP4C	Mx	-.001	4
28	MP3A	X	2.313	4
29	MP3A	Z	1.335	4
30	MP3A	Mx	.001	4
31	MP3B	X	3.525	4
32	MP3B	Z	2.035	4
33	MP3B	Mx	0	4
34	MP3C	X	2.313	4
35	MP3C	Z	1.335	4
36	MP3C	Mx	-.001	4
37	OVP	X	7.2	1
38	OVP	Z	4.157	1
39	OVP	Mx	0	1
40	MP3A	X	5.738	2
41	MP3A	Z	3.313	2
42	MP3A	Mx	-.001	2
43	MP3A	X	5.738	6
44	MP3A	Z	3.313	6
45	MP3A	Mx	-.001	6
46	MP3B	X	7.04	2
47	MP3B	Z	4.065	2
48	MP3B	Mx	-.001	2
49	MP3B	X	7.04	6
50	MP3B	Z	4.065	6
51	MP3B	Mx	-.001	6
52	MP3C	X	5.738	2
53	MP3C	Z	3.313	2
54	MP3C	Mx	.005	2
55	MP3C	X	5.738	6
56	MP3C	Z	3.313	6
57	MP3C	Mx	.005	6
58	MP3A	X	5.738	2
59	MP3A	Z	3.313	2
60	MP3A	Mx	-.005	2
61	MP3A	X	5.738	6
62	MP3A	Z	3.313	6
63	MP3A	Mx	-.005	6
64	MP3B	X	7.04	2
65	MP3B	Z	4.065	2
66	MP3B	Mx	.006	2
67	MP3B	X	7.04	6
68	MP3B	Z	4.065	6
69	MP3B	Mx	.006	6
70	MP3C	X	5.738	2
71	MP3C	Z	3.313	2
72	MP3C	Mx	.001	2
73	MP3C	X	5.738	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	3.313	6
75	MP3C	Mx	.001	6
76	MP1A	X	4.432	3
77	MP1A	Z	2.559	3
78	MP1A	Mx	-.002	3
79	MP1A	X	4.432	5
80	MP1A	Z	2.559	5
81	MP1A	Mx	-.002	5
82	MP1B	X	2.46	3
83	MP1B	Z	1.42	3
84	MP1B	Mx	0	3
85	MP1B	X	2.46	5
86	MP1B	Z	1.42	5
87	MP1B	Mx	0	5
88	MP1C	X	4.432	3
89	MP1C	Z	2.559	3
90	MP1C	Mx	.002	3
91	MP1C	X	4.432	5
92	MP1C	Z	2.559	5
93	MP1C	Mx	.002	5
94	MP4A	X	4.432	3
95	MP4A	Z	2.559	3
96	MP4A	Mx	-.002	3
97	MP4A	X	4.432	5
98	MP4A	Z	2.559	5
99	MP4A	Mx	-.002	5
100	MP4B	X	2.46	3
101	MP4B	Z	1.42	3
102	MP4B	Mx	0	3
103	MP4B	X	2.46	5
104	MP4B	Z	1.42	5
105	MP4B	Mx	0	5
106	MP4C	X	4.432	3
107	MP4C	Z	2.559	3
108	MP4C	Mx	.002	3
109	MP4C	X	4.432	5
110	MP4C	Z	2.559	5
111	MP4C	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.648	3
2	MP2A	Z	4.586	3
3	MP2A	Mx	-.001	3
4	MP2A	X	2.648	5
5	MP2A	Z	4.586	5
6	MP2A	Mx	-.001	5
7	MP2B	X	3.123	3
8	MP2B	Z	5.409	3
9	MP2B	Mx	0	3
10	MP2B	X	3.123	5
11	MP2B	Z	5.409	5
12	MP2B	Mx	0	5
13	MP2C	X	1.223	3
14	MP2C	Z	2.118	3
15	MP2C	Mx	.001	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	X	1.223	5
17	MP2C	Z	2.118	5
18	MP2C	Mx	.001	5
19	MP4A	X	1.867	4
20	MP4A	Z	3.233	4
21	MP4A	Mx	.000934	4
22	MP4B	X	1.867	4
23	MP4B	Z	3.233	4
24	MP4B	Mx	.000933	4
25	MP4C	X	1.361	4
26	MP4C	Z	2.356	4
27	MP4C	Mx	-.001	4
28	MP3A	X	1.802	4
29	MP3A	Z	3.121	4
30	MP3A	Mx	.000901	4
31	MP3B	X	1.802	4
32	MP3B	Z	3.121	4
33	MP3B	Mx	.000901	4
34	MP3C	X	1.102	4
35	MP3C	Z	1.909	4
36	MP3C	Mx	-.001	4
37	OVP	X	4.419	1
38	OVP	Z	7.654	1
39	OVP	Mx	0	1
40	MP3A	X	4.065	2
41	MP3A	Z	7.04	2
42	MP3A	Mx	.001	2
43	MP3A	X	4.065	6
44	MP3A	Z	7.04	6
45	MP3A	Mx	.001	6
46	MP3B	X	4.441	2
47	MP3B	Z	7.692	2
48	MP3B	Mx	-.004	2
49	MP3B	X	4.441	6
50	MP3B	Z	7.692	6
51	MP3B	Mx	-.004	6
52	MP3C	X	2.937	2
53	MP3C	Z	5.087	2
54	MP3C	Mx	.003	2
55	MP3C	X	2.937	6
56	MP3C	Z	5.087	6
57	MP3C	Mx	.003	6
58	MP3A	X	4.065	2
59	MP3A	Z	7.04	2
60	MP3A	Mx	-.006	2
61	MP3A	X	4.065	6
62	MP3A	Z	7.04	6
63	MP3A	Mx	-.006	6
64	MP3B	X	4.441	2
65	MP3B	Z	7.692	2
66	MP3B	Mx	.004	2
67	MP3B	X	4.441	6
68	MP3B	Z	7.692	6
69	MP3B	Mx	.004	6
70	MP3C	X	2.937	2
71	MP3C	Z	5.087	2
72	MP3C	Mx	.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3C	X	2.937	6
74	MP3C	Z	5.087	6
75	MP3C	Mx	.003	6
76	MP1A	X	1.8	3
77	MP1A	Z	3.117	3
78	MP1A	Mx	-.0009	3
79	MP1A	X	1.8	5
80	MP1A	Z	3.117	5
81	MP1A	Mx	-.0009	5
82	MP1B	X	1.8	3
83	MP1B	Z	3.117	3
84	MP1B	Mx	-.0009	3
85	MP1B	X	1.8	5
86	MP1B	Z	3.117	5
87	MP1B	Mx	-.0009	5
88	MP1C	X	2.938	3
89	MP1C	Z	5.089	3
90	MP1C	Mx	.003	3
91	MP1C	X	2.938	5
92	MP1C	Z	5.089	5
93	MP1C	Mx	.003	5
94	MP4A	X	1.8	3
95	MP4A	Z	3.117	3
96	MP4A	Mx	-.0009	3
97	MP4A	X	1.8	5
98	MP4A	Z	3.117	5
99	MP4A	Mx	-.0009	5
100	MP4B	X	1.8	3
101	MP4B	Z	3.117	3
102	MP4B	Mx	-.0009	3
103	MP4B	X	1.8	5
104	MP4B	Z	3.117	5
105	MP4B	Mx	-.0009	5
106	MP4C	X	2.938	3
107	MP4C	Z	5.089	3
108	MP4C	Mx	.003	3
109	MP4C	X	2.938	5
110	MP4C	Z	5.089	5
111	MP4C	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	6.246	3
3	MP2A	Mx	0	3
4	MP2A	X	0	5
5	MP2A	Z	6.246	5
6	MP2A	Mx	0	5
7	MP2B	X	0	3
8	MP2B	Z	5.296	3
9	MP2B	Mx	-.001	3
10	MP2B	X	0	5
11	MP2B	Z	5.296	5
12	MP2B	Mx	-.001	5
13	MP2C	X	0	3
14	MP2C	Z	3.395	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	.001	3
16	MP2C	X	0	5
17	MP2C	Z	3.395	5
18	MP2C	Mx	.001	5
19	MP4A	X	0	4
20	MP4A	Z	4.071	4
21	MP4A	Mx	0	4
22	MP4B	X	0	4
23	MP4B	Z	3.058	4
24	MP4B	Mx	.001	4
25	MP4C	X	0	4
26	MP4C	Z	3.058	4
27	MP4C	Mx	-.001	4
28	MP3A	X	0	4
29	MP3A	Z	4.071	4
30	MP3A	Mx	0	4
31	MP3B	X	0	4
32	MP3B	Z	2.671	4
33	MP3B	Mx	.001	4
34	MP3C	X	0	4
35	MP3C	Z	2.671	4
36	MP3C	Mx	-.001	4
37	OVP	X	0	1
38	OVP	Z	8.314	1
39	OVP	Mx	0	1
40	MP3A	X	0	2
41	MP3A	Z	8.881	2
42	MP3A	Mx	.004	2
43	MP3A	X	0	6
44	MP3A	Z	8.881	6
45	MP3A	Mx	.004	6
46	MP3B	X	0	2
47	MP3B	Z	8.129	2
48	MP3B	Mx	-.006	2
49	MP3B	X	0	6
50	MP3B	Z	8.129	6
51	MP3B	Mx	-.006	6
52	MP3C	X	0	2
53	MP3C	Z	6.625	2
54	MP3C	Mx	.001	2
55	MP3C	X	0	6
56	MP3C	Z	6.625	6
57	MP3C	Mx	.001	6
58	MP3A	X	0	2
59	MP3A	Z	8.881	2
60	MP3A	Mx	-.004	2
61	MP3A	X	0	6
62	MP3A	Z	8.881	6
63	MP3A	Mx	-.004	6
64	MP3B	X	0	2
65	MP3B	Z	8.129	2
66	MP3B	Mx	.001	2
67	MP3B	X	0	6
68	MP3B	Z	8.129	6
69	MP3B	Mx	.001	6
70	MP3C	X	0	2
71	MP3C	Z	6.625	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	.005	2
73	MP3C	X	0	6
74	MP3C	Z	6.625	6
75	MP3C	Mx	.005	6
76	MP1A	X	0	3
77	MP1A	Z	2.841	3
78	MP1A	Mx	0	3
79	MP1A	X	0	5
80	MP1A	Z	2.841	5
81	MP1A	Mx	0	5
82	MP1B	X	0	3
83	MP1B	Z	5.117	3
84	MP1B	Mx	-.002	3
85	MP1B	X	0	5
86	MP1B	Z	5.117	5
87	MP1B	Mx	-.002	5
88	MP1C	X	0	3
89	MP1C	Z	5.117	3
90	MP1C	Mx	.002	3
91	MP1C	X	0	5
92	MP1C	Z	5.117	5
93	MP1C	Mx	.002	5
94	MP4A	X	0	3
95	MP4A	Z	2.841	3
96	MP4A	Mx	0	3
97	MP4A	X	0	5
98	MP4A	Z	2.841	5
99	MP4A	Mx	0	5
100	MP4B	X	0	3
101	MP4B	Z	5.117	3
102	MP4B	Mx	-.002	3
103	MP4B	X	0	5
104	MP4B	Z	5.117	5
105	MP4B	Mx	-.002	5
106	MP4C	X	0	3
107	MP4C	Z	5.117	3
108	MP4C	Mx	.002	3
109	MP4C	X	0	5
110	MP4C	Z	5.117	5
111	MP4C	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.648	3
2	MP2A	Z	4.586	3
3	MP2A	Mx	.001	3
4	MP2A	X	-2.648	5
5	MP2A	Z	4.586	5
6	MP2A	Mx	.001	5
7	MP2B	X	-1.698	3
8	MP2B	Z	2.94	3
9	MP2B	Mx	-.001	3
10	MP2B	X	-1.698	5
11	MP2B	Z	2.94	5
12	MP2B	Mx	-.001	5
13	MP2C	X	-2.648	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	4.586	3
15	MP2C	Mx	.001	3
16	MP2C	X	-2.648	5
17	MP2C	Z	4.586	5
18	MP2C	Mx	.001	5
19	MP4A	X	-1.867	4
20	MP4A	Z	3.233	4
21	MP4A	Mx	-.000934	4
22	MP4B	X	-1.361	4
23	MP4B	Z	2.356	4
24	MP4B	Mx	.001	4
25	MP4C	X	-1.867	4
26	MP4C	Z	3.233	4
27	MP4C	Mx	-.000933	4
28	MP3A	X	-1.802	4
29	MP3A	Z	3.121	4
30	MP3A	Mx	-.000901	4
31	MP3B	X	-1.102	4
32	MP3B	Z	1.909	4
33	MP3B	Mx	.001	4
34	MP3C	X	-1.802	4
35	MP3C	Z	3.121	4
36	MP3C	Mx	-.000901	4
37	OVP	X	-3.633	1
38	OVP	Z	6.293	1
39	OVP	Mx	0	1
40	MP3A	X	-4.065	2
41	MP3A	Z	7.04	2
42	MP3A	Mx	.006	2
43	MP3A	X	-4.065	6
44	MP3A	Z	7.04	6
45	MP3A	Mx	.006	6
46	MP3B	X	-3.313	2
47	MP3B	Z	5.738	2
48	MP3B	Mx	-.005	2
49	MP3B	X	-3.313	6
50	MP3B	Z	5.738	6
51	MP3B	Mx	-.005	6
52	MP3C	X	-4.065	2
53	MP3C	Z	7.04	2
54	MP3C	Mx	-.001	2
55	MP3C	X	-4.065	6
56	MP3C	Z	7.04	6
57	MP3C	Mx	-.001	6
58	MP3A	X	-4.065	2
59	MP3A	Z	7.04	2
60	MP3A	Mx	-.001	2
61	MP3A	X	-4.065	6
62	MP3A	Z	7.04	6
63	MP3A	Mx	-.001	6
64	MP3B	X	-3.313	2
65	MP3B	Z	5.738	2
66	MP3B	Mx	-.001	2
67	MP3B	X	-3.313	6
68	MP3B	Z	5.738	6
69	MP3B	Mx	-.001	6
70	MP3C	X	-4.065	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	7.04	2
72	MP3C	Mx	.006	2
73	MP3C	X	-4.065	6
74	MP3C	Z	7.04	6
75	MP3C	Mx	.006	6
76	MP1A	X	-1.8	3
77	MP1A	Z	3.117	3
78	MP1A	Mx	.0009	3
79	MP1A	X	-1.8	5
80	MP1A	Z	3.117	5
81	MP1A	Mx	.0009	5
82	MP1B	X	-2.938	3
83	MP1B	Z	5.089	3
84	MP1B	Mx	-.003	3
85	MP1B	X	-2.938	5
86	MP1B	Z	5.089	5
87	MP1B	Mx	-.003	5
88	MP1C	X	-1.8	3
89	MP1C	Z	3.117	3
90	MP1C	Mx	.0009	3
91	MP1C	X	-1.8	5
92	MP1C	Z	3.117	5
93	MP1C	Mx	.0009	5
94	MP4A	X	-1.8	3
95	MP4A	Z	3.117	3
96	MP4A	Mx	.0009	3
97	MP4A	X	-1.8	5
98	MP4A	Z	3.117	5
99	MP4A	Mx	.0009	5
100	MP4B	X	-2.938	3
101	MP4B	Z	5.089	3
102	MP4B	Mx	-.003	3
103	MP4B	X	-2.938	5
104	MP4B	Z	5.089	5
105	MP4B	Mx	-.003	5
106	MP4C	X	-1.8	3
107	MP4C	Z	3.117	3
108	MP4C	Mx	.0009	3
109	MP4C	X	-1.8	5
110	MP4C	Z	3.117	5
111	MP4C	Mx	.0009	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.94	3
2	MP2A	Z	1.698	3
3	MP2A	Mx	.001	3
4	MP2A	X	-2.94	5
5	MP2A	Z	1.698	5
6	MP2A	Mx	.001	5
7	MP2B	X	-2.118	3
8	MP2B	Z	1.223	3
9	MP2B	Mx	-.001	3
10	MP2B	X	-2.118	5
11	MP2B	Z	1.223	5
12	MP2B	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	-5.409	3
14	MP2C	Z	3.123	3
15	MP2C	Mx	0	3
16	MP2C	X	-5.409	5
17	MP2C	Z	3.123	5
18	MP2C	Mx	0	5
19	MP4A	X	-2.649	4
20	MP4A	Z	1.529	4
21	MP4A	Mx	-.001	4
22	MP4B	X	-2.649	4
23	MP4B	Z	1.529	4
24	MP4B	Mx	.001	4
25	MP4C	X	-3.525	4
26	MP4C	Z	2.035	4
27	MP4C	Mx	0	4
28	MP3A	X	-2.313	4
29	MP3A	Z	1.335	4
30	MP3A	Mx	-.001	4
31	MP3B	X	-2.313	4
32	MP3B	Z	1.335	4
33	MP3B	Mx	.001	4
34	MP3C	X	-3.525	4
35	MP3C	Z	2.035	4
36	MP3C	Mx	0	4
37	OVP	X	-5.839	1
38	OVP	Z	3.371	1
39	OVP	Mx	0	1
40	MP3A	X	-5.738	2
41	MP3A	Z	3.313	2
42	MP3A	Mx	.005	2
43	MP3A	X	-5.738	6
44	MP3A	Z	3.313	6
45	MP3A	Mx	.005	6
46	MP3B	X	-5.087	2
47	MP3B	Z	2.937	2
48	MP3B	Mx	-.003	2
49	MP3B	X	-5.087	6
50	MP3B	Z	2.937	6
51	MP3B	Mx	-.003	6
52	MP3C	X	-7.692	2
53	MP3C	Z	4.441	2
54	MP3C	Mx	-.004	2
55	MP3C	X	-7.692	6
56	MP3C	Z	4.441	6
57	MP3C	Mx	-.004	6
58	MP3A	X	-5.738	2
59	MP3A	Z	3.313	2
60	MP3A	Mx	.001	2
61	MP3A	X	-5.738	6
62	MP3A	Z	3.313	6
63	MP3A	Mx	.001	6
64	MP3B	X	-5.087	2
65	MP3B	Z	2.937	2
66	MP3B	Mx	-.003	2
67	MP3B	X	-5.087	6
68	MP3B	Z	2.937	6
69	MP3B	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	-7.692	2
71	MP3C	Z	4.441	2
72	MP3C	Mx	.004	2
73	MP3C	X	-7.692	6
74	MP3C	Z	4.441	6
75	MP3C	Mx	.004	6
76	MP1A	X	-4.432	3
77	MP1A	Z	2.559	3
78	MP1A	Mx	.002	3
79	MP1A	X	-4.432	5
80	MP1A	Z	2.559	5
81	MP1A	Mx	.002	5
82	MP1B	X	-4.432	3
83	MP1B	Z	2.559	3
84	MP1B	Mx	-.002	3
85	MP1B	X	-4.432	5
86	MP1B	Z	2.559	5
87	MP1B	Mx	-.002	5
88	MP1C	X	-2.46	3
89	MP1C	Z	1.42	3
90	MP1C	Mx	0	3
91	MP1C	X	-2.46	5
92	MP1C	Z	1.42	5
93	MP1C	Mx	0	5
94	MP4A	X	-4.432	3
95	MP4A	Z	2.559	3
96	MP4A	Mx	.002	3
97	MP4A	X	-4.432	5
98	MP4A	Z	2.559	5
99	MP4A	Mx	.002	5
100	MP4B	X	-4.432	3
101	MP4B	Z	2.559	3
102	MP4B	Mx	-.002	3
103	MP4B	X	-4.432	5
104	MP4B	Z	2.559	5
105	MP4B	Mx	-.002	5
106	MP4C	X	-2.46	3
107	MP4C	Z	1.42	3
108	MP4C	Mx	0	3
109	MP4C	X	-2.46	5
110	MP4C	Z	1.42	5
111	MP4C	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.445	3
2	MP2A	Z	0	3
3	MP2A	Mx	.001	3
4	MP2A	X	-2.445	5
5	MP2A	Z	0	5
6	MP2A	Mx	.001	5
7	MP2B	X	-3.395	3
8	MP2B	Z	0	3
9	MP2B	Mx	-.001	3
10	MP2B	X	-3.395	5
11	MP2B	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.001	5
13	MP2C	X	-5.296	3
14	MP2C	Z	0	3
15	MP2C	Mx	-.001	3
16	MP2C	X	-5.296	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.001	5
19	MP4A	X	-2.721	4
20	MP4A	Z	0	4
21	MP4A	Mx	-.001	4
22	MP4B	X	-3.733	4
23	MP4B	Z	0	4
24	MP4B	Mx	.000933	4
25	MP4C	X	-3.733	4
26	MP4C	Z	0	4
27	MP4C	Mx	.000933	4
28	MP3A	X	-2.204	4
29	MP3A	Z	0	4
30	MP3A	Mx	-.001	4
31	MP3B	X	-3.604	4
32	MP3B	Z	0	4
33	MP3B	Mx	.000901	4
34	MP3C	X	-3.604	4
35	MP3C	Z	0	4
36	MP3C	Mx	.000901	4
37	OVP	X	-7.267	1
38	OVP	Z	0	1
39	OVP	Mx	0	1
40	MP3A	X	-5.873	2
41	MP3A	Z	0	2
42	MP3A	Mx	.003	2
43	MP3A	X	-5.873	6
44	MP3A	Z	0	6
45	MP3A	Mx	.003	6
46	MP3B	X	-6.625	2
47	MP3B	Z	0	2
48	MP3B	Mx	-.001	2
49	MP3B	X	-6.625	6
50	MP3B	Z	0	6
51	MP3B	Mx	-.001	6
52	MP3C	X	-8.129	2
53	MP3C	Z	0	2
54	MP3C	Mx	-.006	2
55	MP3C	X	-8.129	6
56	MP3C	Z	0	6
57	MP3C	Mx	-.006	6
58	MP3A	X	-5.873	2
59	MP3A	Z	0	2
60	MP3A	Mx	.003	2
61	MP3A	X	-5.873	6
62	MP3A	Z	0	6
63	MP3A	Mx	.003	6
64	MP3B	X	-6.625	2
65	MP3B	Z	0	2
66	MP3B	Mx	-.005	2
67	MP3B	X	-6.625	6
68	MP3B	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.005	6
70	MP3C	X	-8.129	2
71	MP3C	Z	0	2
72	MP3C	Mx	.001	2
73	MP3C	X	-8.129	6
74	MP3C	Z	0	6
75	MP3C	Mx	.001	6
76	MP1A	X	-5.876	3
77	MP1A	Z	0	3
78	MP1A	Mx	.003	3
79	MP1A	X	-5.876	5
80	MP1A	Z	0	5
81	MP1A	Mx	.003	5
82	MP1B	X	-3.6	3
83	MP1B	Z	0	3
84	MP1B	Mx	-.0009	3
85	MP1B	X	-3.6	5
86	MP1B	Z	0	5
87	MP1B	Mx	-.0009	5
88	MP1C	X	-3.6	3
89	MP1C	Z	0	3
90	MP1C	Mx	-.0009	3
91	MP1C	X	-3.6	5
92	MP1C	Z	0	5
93	MP1C	Mx	-.0009	5
94	MP4A	X	-5.876	3
95	MP4A	Z	0	3
96	MP4A	Mx	.003	3
97	MP4A	X	-5.876	5
98	MP4A	Z	0	5
99	MP4A	Mx	.003	5
100	MP4B	X	-3.6	3
101	MP4B	Z	0	3
102	MP4B	Mx	-.0009	3
103	MP4B	X	-3.6	5
104	MP4B	Z	0	5
105	MP4B	Mx	-.0009	5
106	MP4C	X	-3.6	3
107	MP4C	Z	0	3
108	MP4C	Mx	-.0009	3
109	MP4C	X	-3.6	5
110	MP4C	Z	0	5
111	MP4C	Mx	-.0009	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.94	3
2	MP2A	Z	-1.698	3
3	MP2A	Mx	.001	3
4	MP2A	X	-2.94	5
5	MP2A	Z	-1.698	5
6	MP2A	Mx	.001	5
7	MP2B	X	-4.586	3
8	MP2B	Z	-2.648	3
9	MP2B	Mx	-.001	3
10	MP2B	X	-4.586	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-2.648	5
12	MP2B	Mx	-.001	5
13	MP2C	X	-2.94	3
14	MP2C	Z	-1.698	3
15	MP2C	Mx	-.001	3
16	MP2C	X	-2.94	5
17	MP2C	Z	-1.698	5
18	MP2C	Mx	-.001	5
19	MP4A	X	-2.649	4
20	MP4A	Z	-1.529	4
21	MP4A	Mx	-.001	4
22	MP4B	X	-3.525	4
23	MP4B	Z	-2.035	4
24	MP4B	Mx	0	4
25	MP4C	X	-2.649	4
26	MP4C	Z	-1.529	4
27	MP4C	Mx	.001	4
28	MP3A	X	-2.313	4
29	MP3A	Z	-1.335	4
30	MP3A	Mx	-.001	4
31	MP3B	X	-3.525	4
32	MP3B	Z	-2.035	4
33	MP3B	Mx	0	4
34	MP3C	X	-2.313	4
35	MP3C	Z	-1.335	4
36	MP3C	Mx	.001	4
37	OVP	X	-7.2	1
38	OVP	Z	-4.157	1
39	OVP	Mx	0	1
40	MP3A	X	-5.738	2
41	MP3A	Z	-3.313	2
42	MP3A	Mx	.001	2
43	MP3A	X	-5.738	6
44	MP3A	Z	-3.313	6
45	MP3A	Mx	.001	6
46	MP3B	X	-7.04	2
47	MP3B	Z	-4.065	2
48	MP3B	Mx	.001	2
49	MP3B	X	-7.04	6
50	MP3B	Z	-4.065	6
51	MP3B	Mx	.001	6
52	MP3C	X	-5.738	2
53	MP3C	Z	-3.313	2
54	MP3C	Mx	-.005	2
55	MP3C	X	-5.738	6
56	MP3C	Z	-3.313	6
57	MP3C	Mx	-.005	6
58	MP3A	X	-5.738	2
59	MP3A	Z	-3.313	2
60	MP3A	Mx	.005	2
61	MP3A	X	-5.738	6
62	MP3A	Z	-3.313	6
63	MP3A	Mx	.005	6
64	MP3B	X	-7.04	2
65	MP3B	Z	-4.065	2
66	MP3B	Mx	-.006	2
67	MP3B	X	-7.04	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3B	Z	-4.065	6
69	MP3B	Mx	-.006	6
70	MP3C	X	-5.738	2
71	MP3C	Z	-3.313	2
72	MP3C	Mx	-.001	2
73	MP3C	X	-5.738	6
74	MP3C	Z	-3.313	6
75	MP3C	Mx	-.001	6
76	MP1A	X	-4.432	3
77	MP1A	Z	-2.559	3
78	MP1A	Mx	.002	3
79	MP1A	X	-4.432	5
80	MP1A	Z	-2.559	5
81	MP1A	Mx	.002	5
82	MP1B	X	-2.46	3
83	MP1B	Z	-1.42	3
84	MP1B	Mx	0	3
85	MP1B	X	-2.46	5
86	MP1B	Z	-1.42	5
87	MP1B	Mx	0	5
88	MP1C	X	-4.432	3
89	MP1C	Z	-2.559	3
90	MP1C	Mx	-.002	3
91	MP1C	X	-4.432	5
92	MP1C	Z	-2.559	5
93	MP1C	Mx	-.002	5
94	MP4A	X	-4.432	3
95	MP4A	Z	-2.559	3
96	MP4A	Mx	.002	3
97	MP4A	X	-4.432	5
98	MP4A	Z	-2.559	5
99	MP4A	Mx	.002	5
100	MP4B	X	-2.46	3
101	MP4B	Z	-1.42	3
102	MP4B	Mx	0	3
103	MP4B	X	-2.46	5
104	MP4B	Z	-1.42	5
105	MP4B	Mx	0	5
106	MP4C	X	-4.432	3
107	MP4C	Z	-2.559	3
108	MP4C	Mx	-.002	3
109	MP4C	X	-4.432	5
110	MP4C	Z	-2.559	5
111	MP4C	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.648	3
2	MP2A	Z	-4.586	3
3	MP2A	Mx	.001	3
4	MP2A	X	-2.648	5
5	MP2A	Z	-4.586	5
6	MP2A	Mx	.001	5
7	MP2B	X	-3.123	3
8	MP2B	Z	-5.409	3
9	MP2B	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	-3.123	5
11	MP2B	Z	-5.409	5
12	MP2B	Mx	0	5
13	MP2C	X	-1.223	3
14	MP2C	Z	-2.118	3
15	MP2C	Mx	-.001	3
16	MP2C	X	-1.223	5
17	MP2C	Z	-2.118	5
18	MP2C	Mx	-.001	5
19	MP4A	X	-1.867	4
20	MP4A	Z	-3.233	4
21	MP4A	Mx	-.000934	4
22	MP4B	X	-1.867	4
23	MP4B	Z	-3.233	4
24	MP4B	Mx	-.000933	4
25	MP4C	X	-1.361	4
26	MP4C	Z	-2.356	4
27	MP4C	Mx	.001	4
28	MP3A	X	-1.802	4
29	MP3A	Z	-3.121	4
30	MP3A	Mx	-.000901	4
31	MP3B	X	-1.802	4
32	MP3B	Z	-3.121	4
33	MP3B	Mx	-.000901	4
34	MP3C	X	-1.102	4
35	MP3C	Z	-1.909	4
36	MP3C	Mx	.001	4
37	OVP	X	-4.419	1
38	OVP	Z	-7.654	1
39	OVP	Mx	0	1
40	MP3A	X	-4.065	2
41	MP3A	Z	-7.04	2
42	MP3A	Mx	-.001	2
43	MP3A	X	-4.065	6
44	MP3A	Z	-7.04	6
45	MP3A	Mx	-.001	6
46	MP3B	X	-4.441	2
47	MP3B	Z	-7.692	2
48	MP3B	Mx	.004	2
49	MP3B	X	-4.441	6
50	MP3B	Z	-7.692	6
51	MP3B	Mx	.004	6
52	MP3C	X	-2.937	2
53	MP3C	Z	-5.087	2
54	MP3C	Mx	-.003	2
55	MP3C	X	-2.937	6
56	MP3C	Z	-5.087	6
57	MP3C	Mx	-.003	6
58	MP3A	X	-4.065	2
59	MP3A	Z	-7.04	2
60	MP3A	Mx	.006	2
61	MP3A	X	-4.065	6
62	MP3A	Z	-7.04	6
63	MP3A	Mx	.006	6
64	MP3B	X	-4.441	2
65	MP3B	Z	-7.692	2
66	MP3B	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3B	X	-4.441	6
68	MP3B	Z	-7.692	6
69	MP3B	Mx	-.004	6
70	MP3C	X	-2.937	2
71	MP3C	Z	-5.087	2
72	MP3C	Mx	-.003	2
73	MP3C	X	-2.937	6
74	MP3C	Z	-5.087	6
75	MP3C	Mx	-.003	6
76	MP1A	X	-1.8	3
77	MP1A	Z	-3.117	3
78	MP1A	Mx	.0009	3
79	MP1A	X	-1.8	5
80	MP1A	Z	-3.117	5
81	MP1A	Mx	.0009	5
82	MP1B	X	-1.8	3
83	MP1B	Z	-3.117	3
84	MP1B	Mx	.0009	3
85	MP1B	X	-1.8	5
86	MP1B	Z	-3.117	5
87	MP1B	Mx	.0009	5
88	MP1C	X	-2.938	3
89	MP1C	Z	-5.089	3
90	MP1C	Mx	-.003	3
91	MP1C	X	-2.938	5
92	MP1C	Z	-5.089	5
93	MP1C	Mx	-.003	5
94	MP4A	X	-1.8	3
95	MP4A	Z	-3.117	3
96	MP4A	Mx	.0009	3
97	MP4A	X	-1.8	5
98	MP4A	Z	-3.117	5
99	MP4A	Mx	.0009	5
100	MP4B	X	-1.8	3
101	MP4B	Z	-3.117	3
102	MP4B	Mx	.0009	3
103	MP4B	X	-1.8	5
104	MP4B	Z	-3.117	5
105	MP4B	Mx	.0009	5
106	MP4C	X	-2.938	3
107	MP4C	Z	-5.089	3
108	MP4C	Mx	-.003	3
109	MP4C	X	-2.938	5
110	MP4C	Z	-5.089	5
111	MP4C	Mx	-.003	5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-500	%66

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-500	%34

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 79 : Lv1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-250	%100

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	M100	Y	-15.887	-15.887	0	%100
2	M101	Y	-15.887	-15.887	0	%100
3	M102	Y	-15.887	-15.887	0	%100
4	M103	Y	-16.668	-16.668	0	%100
5	M106	Y	-9.824	-9.824	0	%100
6	M107	Y	-9.824	-9.824	0	%100
7	M111	Y	-16.648	-16.648	0	%100
8	M112	Y	-16.648	-16.648	0	%100
9	M114	Y	-16.668	-16.668	0	%100
10	M116	Y	-16.648	-16.648	0	%100
11	M117	Y	-16.648	-16.648	0	%100
12	M119	Y	-16.668	-16.668	0	%100
13	M124	Y	-15.887	-15.887	0	%100
14	M125	Y	-15.887	-15.887	0	%100
15	M126	Y	-15.887	-15.887	0	%100
16	M127	Y	-16.668	-16.668	0	%100
17	M130	Y	-9.824	-9.824	0	%100
18	M131	Y	-9.824	-9.824	0	%100
19	M135	Y	-16.648	-16.648	0	%100
20	M136	Y	-16.648	-16.648	0	%100
21	M138	Y	-16.668	-16.668	0	%100
22	M140	Y	-16.648	-16.648	0	%100
23	M141	Y	-16.648	-16.648	0	%100
24	M143	Y	-16.668	-16.668	0	%100
25	M148	Y	-15.887	-15.887	0	%100
26	M149	Y	-15.887	-15.887	0	%100
27	M150	Y	-15.887	-15.887	0	%100
28	M151	Y	-16.668	-16.668	0	%100
29	M154	Y	-9.824	-9.824	0	%100
30	M155	Y	-9.824	-9.824	0	%100
31	M159	Y	-16.648	-16.648	0	%100
32	M160	Y	-16.648	-16.648	0	%100
33	M162	Y	-16.668	-16.668	0	%100
34	M164	Y	-16.648	-16.648	0	%100
35	M165	Y	-16.648	-16.648	0	%100
36	M167	Y	-16.668	-16.668	0	%100
37	M172	Y	-11.264	-11.264	0	%100
38	MP1A	Y	-8.852	-8.852	0	%100
39	M82	Y	-8.852	-8.852	0	%100
40	M87	Y	-8.852	-8.852	0	%100
41	M88	Y	-8.852	-8.852	0	%100
42	MP2A	Y	-8.852	-8.852	0	%100
43	MP3A	Y	-9.924	-9.924	0	%100
44	MP4A	Y	-8.852	-8.852	0	%100
45	MP1C	Y	-8.852	-8.852	0	%100
46	MP2C	Y	-8.852	-8.852	0	%100
47	MP3C	Y	-9.924	-9.924	0	%100

Member Distributed Loads (BLC 40 : Structure Di) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP4C	Y	-8.852	-8.852	0	%100
49	MP1B	Y	-8.852	-8.852	0	%100
50	MP2B	Y	-8.852	-8.852	0	%100
51	MP3B	Y	-9.924	-9.924	0	%100
52	MP4B	Y	-8.852	-8.852	0	%100
53	M125A	Y	-11.264	-11.264	0	%100
54	M126A	Y	-11.264	-11.264	0	%100
55	M127A	Y	-11.34	-11.34	0	%100
56	M128A	Y	-11.34	-11.34	0	%100
57	M129A	Y	-11.34	-11.34	0	%100
58	OVP	Y	-8.852	-8.852	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	-10.303	-10.303	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-10.303	-10.303	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-20.551	-20.551	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	-2.853	-2.853	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-2.853	-2.853	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	-5.233	-5.233	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	-5.512	-5.512	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	-5.233	-5.233	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	-5.512	-5.512	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	-9.132	-9.132	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	-2.576	-2.576	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-2.576	-2.576	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-5.138	-5.138	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	-2.853	-2.853	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	-11.411	-11.411	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	-15.413	-15.413	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	-5.233	-5.233	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	-5.512	-5.512	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,%]
43	M140	X	0	0	0	%100
44	M140	Z	-15.413	-15.413	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	-20.931	-20.931	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	-22.047	-22.047	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	-9.132	-9.132	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	-2.576	-2.576	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-2.576	-2.576	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-5.138	-5.138	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	-11.411	-11.411	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	-2.853	-2.853	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	-15.413	-15.413	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	-20.931	-20.931	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	-22.047	-22.047	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	-15.413	-15.413	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	-5.233	-5.233	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	-5.512	-5.512	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	-11.988	-11.988	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-8.135	-8.135	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	-8.135	-8.135	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	-2.034	-2.034	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	-2.034	-2.034	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-8.135	-8.135	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-9.847	-9.847	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-8.135	-8.135	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-8.135	-8.135	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-8.135	-8.135	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-9.847	-9.847	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-8.135	-8.135	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-8.135	-8.135	0	%100
99	MP2B	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,%]
100	MP2B	Z	-8.135	-8.135	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-9.847	-9.847	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-8.135	-8.135	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	-2.997	-2.997	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	-2.997	-2.997	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	-9.741	-9.741	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	-2.435	-2.435	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	-2.435	-2.435	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-6.652	-6.652	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	M100	X	1.522	1.522	0	%100
2	M100	Z	-2.636	-2.636	0	%100
3	M101	X	3.864	3.864	0	%100
4	M101	Z	-6.692	-6.692	0	%100
5	M102	X	3.864	3.864	0	%100
6	M102	Z	-6.692	-6.692	0	%100
7	M103	X	7.707	7.707	0	%100
8	M103	Z	-13.348	-13.348	0	%100
9	M106	X	4.279	4.279	0	%100
10	M106	Z	-7.412	-7.412	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	2.569	2.569	0	%100
14	M111	Z	-4.449	-4.449	0	%100
15	M112	X	7.849	7.849	0	%100
16	M112	Z	-13.595	-13.595	0	%100
17	M114	X	8.267	8.267	0	%100
18	M114	Z	-14.32	-14.32	0	%100
19	M116	X	2.569	2.569	0	%100
20	M116	Z	-4.449	-4.449	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	1.522	1.522	0	%100
26	M124	Z	-2.636	-2.636	0	%100
27	M125	X	3.864	3.864	0	%100
28	M125	Z	-6.692	-6.692	0	%100
29	M126	X	3.864	3.864	0	%100
30	M126	Z	-6.692	-6.692	0	%100
31	M127	X	7.707	7.707	0	%100
32	M127	Z	-13.348	-13.348	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	4.279	4.279	0	%100
36	M131	Z	-7.412	-7.412	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,%]
37	M135	X	2.569	2.569	0	%100
38	M135	Z	-4.449	-4.449	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	2.569	2.569	0	%100
44	M140	Z	-4.449	-4.449	0	%100
45	M141	X	7.849	7.849	0	%100
46	M141	Z	-13.595	-13.595	0	%100
47	M143	X	8.267	8.267	0	%100
48	M143	Z	-14.32	-14.32	0	%100
49	M148	X	6.088	6.088	0	%100
50	M148	Z	-10.545	-10.545	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	4.279	4.279	0	%100
58	M154	Z	-7.412	-7.412	0	%100
59	M155	X	4.279	4.279	0	%100
60	M155	Z	-7.412	-7.412	0	%100
61	M159	X	10.275	10.275	0	%100
62	M159	Z	-17.798	-17.798	0	%100
63	M160	X	7.849	7.849	0	%100
64	M160	Z	-13.595	-13.595	0	%100
65	M162	X	8.267	8.267	0	%100
66	M162	Z	-14.32	-14.32	0	%100
67	M164	X	10.275	10.275	0	%100
68	M164	Z	-17.798	-17.798	0	%100
69	M165	X	7.849	7.849	0	%100
70	M165	Z	-13.595	-13.595	0	%100
71	M167	X	8.267	8.267	0	%100
72	M167	Z	-14.32	-14.32	0	%100
73	M172	X	4.495	4.495	0	%100
74	M172	Z	-7.786	-7.786	0	%100
75	MP1A	X	4.067	4.067	0	%100
76	MP1A	Z	-7.045	-7.045	0	%100
77	M82	X	3.051	3.051	0	%100
78	M82	Z	-5.284	-5.284	0	%100
79	M87	X	3.051	3.051	0	%100
80	M87	Z	-5.284	-5.284	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	4.067	4.067	0	%100
84	MP2A	Z	-7.045	-7.045	0	%100
85	MP3A	X	4.924	4.924	0	%100
86	MP3A	Z	-8.528	-8.528	0	%100
87	MP4A	X	4.067	4.067	0	%100
88	MP4A	Z	-7.045	-7.045	0	%100
89	MP1C	X	4.067	4.067	0	%100
90	MP1C	Z	-7.045	-7.045	0	%100
91	MP2C	X	4.067	4.067	0	%100
92	MP2C	Z	-7.045	-7.045	0	%100
93	MP3C	X	4.924	4.924	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,%]
94	MP3C	Z	-8.528	-8.528	0	%100
95	MP4C	X	4.067	4.067	0	%100
96	MP4C	Z	-7.045	-7.045	0	%100
97	MP1B	X	4.067	4.067	0	%100
98	MP1B	Z	-7.045	-7.045	0	%100
99	MP2B	X	4.067	4.067	0	%100
100	MP2B	Z	-7.045	-7.045	0	%100
101	MP3B	X	4.924	4.924	0	%100
102	MP3B	Z	-8.528	-8.528	0	%100
103	MP4B	X	4.067	4.067	0	%100
104	MP4B	Z	-7.045	-7.045	0	%100
105	M125A	X	4.495	4.495	0	%100
106	M125A	Z	-7.786	-7.786	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	3.653	3.653	0	%100
110	M127A	Z	-6.327	-6.327	0	%100
111	M128A	X	3.653	3.653	0	%100
112	M128A	Z	-6.327	-6.327	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	3.326	3.326	0	%100
116	OVP	Z	-5.761	-5.761	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	M100	X	7.909	7.909	0	%100
2	M100	Z	-4.566	-4.566	0	%100
3	M101	X	2.231	2.231	0	%100
4	M101	Z	-1.288	-1.288	0	%100
5	M102	X	2.231	2.231	0	%100
6	M102	Z	-1.288	-1.288	0	%100
7	M103	X	4.449	4.449	0	%100
8	M103	Z	-2.569	-2.569	0	%100
9	M106	X	9.883	9.883	0	%100
10	M106	Z	-5.706	-5.706	0	%100
11	M107	X	2.471	2.471	0	%100
12	M107	Z	-1.426	-1.426	0	%100
13	M111	X	13.348	13.348	0	%100
14	M111	Z	-7.707	-7.707	0	%100
15	M112	X	18.127	18.127	0	%100
16	M112	Z	-10.466	-10.466	0	%100
17	M114	X	19.093	19.093	0	%100
18	M114	Z	-11.023	-11.023	0	%100
19	M116	X	13.348	13.348	0	%100
20	M116	Z	-7.707	-7.707	0	%100
21	M117	X	4.532	4.532	0	%100
22	M117	Z	-2.616	-2.616	0	%100
23	M119	X	4.773	4.773	0	%100
24	M119	Z	-2.756	-2.756	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	8.923	8.923	0	%100
28	M125	Z	-5.152	-5.152	0	%100
29	M126	X	8.923	8.923	0	%100
30	M126	Z	-5.152	-5.152	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,%]
31	M127	X	17.798	17.798	0	%100
32	M127	Z	-10.275	-10.275	0	%100
33	M130	X	2.471	2.471	0	%100
34	M130	Z	-1.426	-1.426	0	%100
35	M131	X	2.471	2.471	0	%100
36	M131	Z	-1.426	-1.426	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	4.532	4.532	0	%100
40	M136	Z	-2.616	-2.616	0	%100
41	M138	X	4.773	4.773	0	%100
42	M138	Z	-2.756	-2.756	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	4.532	4.532	0	%100
46	M141	Z	-2.616	-2.616	0	%100
47	M143	X	4.773	4.773	0	%100
48	M143	Z	-2.756	-2.756	0	%100
49	M148	X	7.909	7.909	0	%100
50	M148	Z	-4.566	-4.566	0	%100
51	M149	X	2.231	2.231	0	%100
52	M149	Z	-1.288	-1.288	0	%100
53	M150	X	2.231	2.231	0	%100
54	M150	Z	-1.288	-1.288	0	%100
55	M151	X	4.449	4.449	0	%100
56	M151	Z	-2.569	-2.569	0	%100
57	M154	X	2.471	2.471	0	%100
58	M154	Z	-1.426	-1.426	0	%100
59	M155	X	9.883	9.883	0	%100
60	M155	Z	-5.706	-5.706	0	%100
61	M159	X	13.348	13.348	0	%100
62	M159	Z	-7.707	-7.707	0	%100
63	M160	X	4.532	4.532	0	%100
64	M160	Z	-2.616	-2.616	0	%100
65	M162	X	4.773	4.773	0	%100
66	M162	Z	-2.756	-2.756	0	%100
67	M164	X	13.348	13.348	0	%100
68	M164	Z	-7.707	-7.707	0	%100
69	M165	X	18.127	18.127	0	%100
70	M165	Z	-10.466	-10.466	0	%100
71	M167	X	19.093	19.093	0	%100
72	M167	Z	-11.023	-11.023	0	%100
73	M172	X	2.595	2.595	0	%100
74	M172	Z	-1.498	-1.498	0	%100
75	MP1A	X	7.045	7.045	0	%100
76	MP1A	Z	-4.067	-4.067	0	%100
77	M82	X	1.761	1.761	0	%100
78	M82	Z	-1.017	-1.017	0	%100
79	M87	X	7.045	7.045	0	%100
80	M87	Z	-4.067	-4.067	0	%100
81	M88	X	1.761	1.761	0	%100
82	M88	Z	-1.017	-1.017	0	%100
83	MP2A	X	7.045	7.045	0	%100
84	MP2A	Z	-4.067	-4.067	0	%100
85	MP3A	X	8.528	8.528	0	%100
86	MP3A	Z	-4.924	-4.924	0	%100
87	MP4A	X	7.045	7.045	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,%]
88	MP4A	Z	-4.067	-4.067	0	%100
89	MP1C	X	7.045	7.045	0	%100
90	MP1C	Z	-4.067	-4.067	0	%100
91	MP2C	X	7.045	7.045	0	%100
92	MP2C	Z	-4.067	-4.067	0	%100
93	MP3C	X	8.528	8.528	0	%100
94	MP3C	Z	-4.924	-4.924	0	%100
95	MP4C	X	7.045	7.045	0	%100
96	MP4C	Z	-4.067	-4.067	0	%100
97	MP1B	X	7.045	7.045	0	%100
98	MP1B	Z	-4.067	-4.067	0	%100
99	MP2B	X	7.045	7.045	0	%100
100	MP2B	Z	-4.067	-4.067	0	%100
101	MP3B	X	8.528	8.528	0	%100
102	MP3B	Z	-4.924	-4.924	0	%100
103	MP4B	X	7.045	7.045	0	%100
104	MP4B	Z	-4.067	-4.067	0	%100
105	M125A	X	10.382	10.382	0	%100
106	M125A	Z	-5.994	-5.994	0	%100
107	M126A	X	2.595	2.595	0	%100
108	M126A	Z	-1.498	-1.498	0	%100
109	M127A	X	2.109	2.109	0	%100
110	M127A	Z	-1.218	-1.218	0	%100
111	M128A	X	8.436	8.436	0	%100
112	M128A	Z	-4.871	-4.871	0	%100
113	M129A	X	2.109	2.109	0	%100
114	M129A	Z	-1.218	-1.218	0	%100
115	OVP	X	5.761	5.761	0	%100
116	OVP	Z	-3.326	-3.326	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	M100	X	12.176	12.176	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	8.559	8.559	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	8.559	8.559	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	20.551	20.551	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	15.699	15.699	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	16.535	16.535	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	20.551	20.551	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	15.699	15.699	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	16.535	16.535	0	%100
24	M119	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,%]
25	M124	X	3.044	3.044	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	7.727	7.727	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	7.727	7.727	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	15.413	15.413	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	8.559	8.559	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	5.138	5.138	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	15.699	15.699	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	16.535	16.535	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	5.138	5.138	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	3.044	3.044	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	7.727	7.727	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	7.727	7.727	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	15.413	15.413	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	8.559	8.559	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	5.138	5.138	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	5.138	5.138	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	15.699	15.699	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	16.535	16.535	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	8.135	8.135	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	6.101	6.101	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	6.101	6.101	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,%]
82	M88	Z	0	0	0	%100
83	MP2A	X	8.135	8.135	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	9.847	9.847	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	8.135	8.135	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	8.135	8.135	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	8.135	8.135	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	9.847	9.847	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	8.135	8.135	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	8.135	8.135	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	8.135	8.135	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	9.847	9.847	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	8.135	8.135	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	8.991	8.991	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	8.991	8.991	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	7.306	7.306	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	7.306	7.306	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	6.652	6.652	0	%100
116	OVP	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	M100	X	7.909	7.909	0	%100
2	M100	Z	4.566	4.566	0	%100
3	M101	X	2.231	2.231	0	%100
4	M101	Z	1.288	1.288	0	%100
5	M102	X	2.231	2.231	0	%100
6	M102	Z	1.288	1.288	0	%100
7	M103	X	4.449	4.449	0	%100
8	M103	Z	2.569	2.569	0	%100
9	M106	X	2.471	2.471	0	%100
10	M106	Z	1.426	1.426	0	%100
11	M107	X	9.883	9.883	0	%100
12	M107	Z	5.706	5.706	0	%100
13	M111	X	13.348	13.348	0	%100
14	M111	Z	7.707	7.707	0	%100
15	M112	X	4.532	4.532	0	%100
16	M112	Z	2.616	2.616	0	%100
17	M114	X	4.773	4.773	0	%100
18	M114	Z	2.756	2.756	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,%]
19	M116	X	13.348	13.348	0	%100
20	M116	Z	7.707	7.707	0	%100
21	M117	X	18.127	18.127	0	%100
22	M117	Z	10.466	10.466	0	%100
23	M119	X	19.093	19.093	0	%100
24	M119	Z	11.023	11.023	0	%100
25	M124	X	7.909	7.909	0	%100
26	M124	Z	4.566	4.566	0	%100
27	M125	X	2.231	2.231	0	%100
28	M125	Z	1.288	1.288	0	%100
29	M126	X	2.231	2.231	0	%100
30	M126	Z	1.288	1.288	0	%100
31	M127	X	4.449	4.449	0	%100
32	M127	Z	2.569	2.569	0	%100
33	M130	X	9.883	9.883	0	%100
34	M130	Z	5.706	5.706	0	%100
35	M131	X	2.471	2.471	0	%100
36	M131	Z	1.426	1.426	0	%100
37	M135	X	13.348	13.348	0	%100
38	M135	Z	7.707	7.707	0	%100
39	M136	X	18.127	18.127	0	%100
40	M136	Z	10.466	10.466	0	%100
41	M138	X	19.093	19.093	0	%100
42	M138	Z	11.023	11.023	0	%100
43	M140	X	13.348	13.348	0	%100
44	M140	Z	7.707	7.707	0	%100
45	M141	X	4.532	4.532	0	%100
46	M141	Z	2.616	2.616	0	%100
47	M143	X	4.773	4.773	0	%100
48	M143	Z	2.756	2.756	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	8.923	8.923	0	%100
52	M149	Z	5.152	5.152	0	%100
53	M150	X	8.923	8.923	0	%100
54	M150	Z	5.152	5.152	0	%100
55	M151	X	17.798	17.798	0	%100
56	M151	Z	10.275	10.275	0	%100
57	M154	X	2.471	2.471	0	%100
58	M154	Z	1.426	1.426	0	%100
59	M155	X	2.471	2.471	0	%100
60	M155	Z	1.426	1.426	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	4.532	4.532	0	%100
64	M160	Z	2.616	2.616	0	%100
65	M162	X	4.773	4.773	0	%100
66	M162	Z	2.756	2.756	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	4.532	4.532	0	%100
70	M165	Z	2.616	2.616	0	%100
71	M167	X	4.773	4.773	0	%100
72	M167	Z	2.756	2.756	0	%100
73	M172	X	2.595	2.595	0	%100
74	M172	Z	1.498	1.498	0	%100
75	MP1A	X	7.045	7.045	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,%]
76	MP1A	Z	4.067	4.067	0	%100
77	M82	X	1.761	1.761	0	%100
78	M82	Z	1.017	1.017	0	%100
79	M87	X	1.761	1.761	0	%100
80	M87	Z	1.017	1.017	0	%100
81	M88	X	7.045	7.045	0	%100
82	M88	Z	4.067	4.067	0	%100
83	MP2A	X	7.045	7.045	0	%100
84	MP2A	Z	4.067	4.067	0	%100
85	MP3A	X	8.528	8.528	0	%100
86	MP3A	Z	4.924	4.924	0	%100
87	MP4A	X	7.045	7.045	0	%100
88	MP4A	Z	4.067	4.067	0	%100
89	MP1C	X	7.045	7.045	0	%100
90	MP1C	Z	4.067	4.067	0	%100
91	MP2C	X	7.045	7.045	0	%100
92	MP2C	Z	4.067	4.067	0	%100
93	MP3C	X	8.528	8.528	0	%100
94	MP3C	Z	4.924	4.924	0	%100
95	MP4C	X	7.045	7.045	0	%100
96	MP4C	Z	4.067	4.067	0	%100
97	MP1B	X	7.045	7.045	0	%100
98	MP1B	Z	4.067	4.067	0	%100
99	MP2B	X	7.045	7.045	0	%100
100	MP2B	Z	4.067	4.067	0	%100
101	MP3B	X	8.528	8.528	0	%100
102	MP3B	Z	4.924	4.924	0	%100
103	MP4B	X	7.045	7.045	0	%100
104	MP4B	Z	4.067	4.067	0	%100
105	M125A	X	2.595	2.595	0	%100
106	M125A	Z	1.498	1.498	0	%100
107	M126A	X	10.382	10.382	0	%100
108	M126A	Z	5.994	5.994	0	%100
109	M127A	X	2.109	2.109	0	%100
110	M127A	Z	1.218	1.218	0	%100
111	M128A	X	2.109	2.109	0	%100
112	M128A	Z	1.218	1.218	0	%100
113	M129A	X	8.436	8.436	0	%100
114	M129A	Z	4.871	4.871	0	%100
115	OVP	X	5.761	5.761	0	%100
116	OVP	Z	3.326	3.326	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	M100	X	1.522	1.522	0	%100
2	M100	Z	2.636	2.636	0	%100
3	M101	X	3.864	3.864	0	%100
4	M101	Z	6.692	6.692	0	%100
5	M102	X	3.864	3.864	0	%100
6	M102	Z	6.692	6.692	0	%100
7	M103	X	7.707	7.707	0	%100
8	M103	Z	13.348	13.348	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	4.279	4.279	0	%100
12	M107	Z	7.412	7.412	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,%]
13	M111	X	2.569	2.569	0	%100
14	M111	Z	4.449	4.449	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	2.569	2.569	0	%100
20	M116	Z	4.449	4.449	0	%100
21	M117	X	7.849	7.849	0	%100
22	M117	Z	13.595	13.595	0	%100
23	M119	X	8.267	8.267	0	%100
24	M119	Z	14.32	14.32	0	%100
25	M124	X	6.088	6.088	0	%100
26	M124	Z	10.545	10.545	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	4.279	4.279	0	%100
34	M130	Z	7.412	7.412	0	%100
35	M131	X	4.279	4.279	0	%100
36	M131	Z	7.412	7.412	0	%100
37	M135	X	10.275	10.275	0	%100
38	M135	Z	17.798	17.798	0	%100
39	M136	X	7.849	7.849	0	%100
40	M136	Z	13.595	13.595	0	%100
41	M138	X	8.267	8.267	0	%100
42	M138	Z	14.32	14.32	0	%100
43	M140	X	10.275	10.275	0	%100
44	M140	Z	17.798	17.798	0	%100
45	M141	X	7.849	7.849	0	%100
46	M141	Z	13.595	13.595	0	%100
47	M143	X	8.267	8.267	0	%100
48	M143	Z	14.32	14.32	0	%100
49	M148	X	1.522	1.522	0	%100
50	M148	Z	2.636	2.636	0	%100
51	M149	X	3.864	3.864	0	%100
52	M149	Z	6.692	6.692	0	%100
53	M150	X	3.864	3.864	0	%100
54	M150	Z	6.692	6.692	0	%100
55	M151	X	7.707	7.707	0	%100
56	M151	Z	13.348	13.348	0	%100
57	M154	X	4.279	4.279	0	%100
58	M154	Z	7.412	7.412	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	2.569	2.569	0	%100
62	M159	Z	4.449	4.449	0	%100
63	M160	X	7.849	7.849	0	%100
64	M160	Z	13.595	13.595	0	%100
65	M162	X	8.267	8.267	0	%100
66	M162	Z	14.32	14.32	0	%100
67	M164	X	2.569	2.569	0	%100
68	M164	Z	4.449	4.449	0	%100
69	M165	X	0	0	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,%]
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	4.495	4.495	0	%100
74	M172	Z	7.786	7.786	0	%100
75	MP1A	X	4.067	4.067	0	%100
76	MP1A	Z	7.045	7.045	0	%100
77	M82	X	3.051	3.051	0	%100
78	M82	Z	5.284	5.284	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	3.051	3.051	0	%100
82	M88	Z	5.284	5.284	0	%100
83	MP2A	X	4.067	4.067	0	%100
84	MP2A	Z	7.045	7.045	0	%100
85	MP3A	X	4.924	4.924	0	%100
86	MP3A	Z	8.528	8.528	0	%100
87	MP4A	X	4.067	4.067	0	%100
88	MP4A	Z	7.045	7.045	0	%100
89	MP1C	X	4.067	4.067	0	%100
90	MP1C	Z	7.045	7.045	0	%100
91	MP2C	X	4.067	4.067	0	%100
92	MP2C	Z	7.045	7.045	0	%100
93	MP3C	X	4.924	4.924	0	%100
94	MP3C	Z	8.528	8.528	0	%100
95	MP4C	X	4.067	4.067	0	%100
96	MP4C	Z	7.045	7.045	0	%100
97	MP1B	X	4.067	4.067	0	%100
98	MP1B	Z	7.045	7.045	0	%100
99	MP2B	X	4.067	4.067	0	%100
100	MP2B	Z	7.045	7.045	0	%100
101	MP3B	X	4.924	4.924	0	%100
102	MP3B	Z	8.528	8.528	0	%100
103	MP4B	X	4.067	4.067	0	%100
104	MP4B	Z	7.045	7.045	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	4.495	4.495	0	%100
108	M126A	Z	7.786	7.786	0	%100
109	M127A	X	3.653	3.653	0	%100
110	M127A	Z	6.327	6.327	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	3.653	3.653	0	%100
114	M129A	Z	6.327	6.327	0	%100
115	OVP	X	3.326	3.326	0	%100
116	OVP	Z	5.761	5.761	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	10.303	10.303	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	10.303	10.303	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,%]
7	M103	X	0	0	0	%100
8	M103	Z	20.551	20.551	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	2.853	2.853	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	2.853	2.853	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	5.233	5.233	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	5.512	5.512	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	5.233	5.233	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	5.512	5.512	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	9.132	9.132	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	2.576	2.576	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	2.576	2.576	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	5.138	5.138	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	2.853	2.853	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	11.411	11.411	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	15.413	15.413	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	5.233	5.233	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	5.512	5.512	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	15.413	15.413	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	20.931	20.931	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	22.047	22.047	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	9.132	9.132	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	2.576	2.576	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	2.576	2.576	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	5.138	5.138	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	11.411	11.411	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	2.853	2.853	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	15.413	15.413	0	%100
63	M160	X	0	0	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,%]
64	M160	Z	20.931	20.931	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	22.047	22.047	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	15.413	15.413	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	5.233	5.233	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	5.512	5.512	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	11.988	11.988	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	8.135	8.135	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	8.135	8.135	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	2.034	2.034	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	2.034	2.034	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	8.135	8.135	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	9.847	9.847	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	8.135	8.135	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	8.135	8.135	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	8.135	8.135	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	9.847	9.847	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	8.135	8.135	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	8.135	8.135	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	8.135	8.135	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	9.847	9.847	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	8.135	8.135	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	2.997	2.997	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	2.997	2.997	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	9.741	9.741	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	2.435	2.435	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	2.435	2.435	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	6.652	6.652	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,%]

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,%]
1	M100	X	-1.522	-1.522	0	%100
2	M100	Z	2.636	2.636	0	%100
3	M101	X	-3.864	-3.864	0	%100
4	M101	Z	6.692	6.692	0	%100
5	M102	X	-3.864	-3.864	0	%100
6	M102	Z	6.692	6.692	0	%100
7	M103	X	-7.707	-7.707	0	%100
8	M103	Z	13.348	13.348	0	%100
9	M106	X	-4.279	-4.279	0	%100
10	M106	Z	7.412	7.412	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-2.569	-2.569	0	%100
14	M111	Z	4.449	4.449	0	%100
15	M112	X	-7.849	-7.849	0	%100
16	M112	Z	13.595	13.595	0	%100
17	M114	X	-8.267	-8.267	0	%100
18	M114	Z	14.32	14.32	0	%100
19	M116	X	-2.569	-2.569	0	%100
20	M116	Z	4.449	4.449	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-1.522	-1.522	0	%100
26	M124	Z	2.636	2.636	0	%100
27	M125	X	-3.864	-3.864	0	%100
28	M125	Z	6.692	6.692	0	%100
29	M126	X	-3.864	-3.864	0	%100
30	M126	Z	6.692	6.692	0	%100
31	M127	X	-7.707	-7.707	0	%100
32	M127	Z	13.348	13.348	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	-4.279	-4.279	0	%100
36	M131	Z	7.412	7.412	0	%100
37	M135	X	-2.569	-2.569	0	%100
38	M135	Z	4.449	4.449	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-2.569	-2.569	0	%100
44	M140	Z	4.449	4.449	0	%100
45	M141	X	-7.849	-7.849	0	%100
46	M141	Z	13.595	13.595	0	%100
47	M143	X	-8.267	-8.267	0	%100
48	M143	Z	14.32	14.32	0	%100
49	M148	X	-6.088	-6.088	0	%100
50	M148	Z	10.545	10.545	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	-4.279	-4.279	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,%]
58	M154	Z	7.412	7.412	0	%100
59	M155	X	-4.279	-4.279	0	%100
60	M155	Z	7.412	7.412	0	%100
61	M159	X	-10.275	-10.275	0	%100
62	M159	Z	17.798	17.798	0	%100
63	M160	X	-7.849	-7.849	0	%100
64	M160	Z	13.595	13.595	0	%100
65	M162	X	-8.267	-8.267	0	%100
66	M162	Z	14.32	14.32	0	%100
67	M164	X	-10.275	-10.275	0	%100
68	M164	Z	17.798	17.798	0	%100
69	M165	X	-7.849	-7.849	0	%100
70	M165	Z	13.595	13.595	0	%100
71	M167	X	-8.267	-8.267	0	%100
72	M167	Z	14.32	14.32	0	%100
73	M172	X	-4.495	-4.495	0	%100
74	M172	Z	7.786	7.786	0	%100
75	MP1A	X	-4.067	-4.067	0	%100
76	MP1A	Z	7.045	7.045	0	%100
77	M82	X	-3.051	-3.051	0	%100
78	M82	Z	5.284	5.284	0	%100
79	M87	X	-3.051	-3.051	0	%100
80	M87	Z	5.284	5.284	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-4.067	-4.067	0	%100
84	MP2A	Z	7.045	7.045	0	%100
85	MP3A	X	-4.924	-4.924	0	%100
86	MP3A	Z	8.528	8.528	0	%100
87	MP4A	X	-4.067	-4.067	0	%100
88	MP4A	Z	7.045	7.045	0	%100
89	MP1C	X	-4.067	-4.067	0	%100
90	MP1C	Z	7.045	7.045	0	%100
91	MP2C	X	-4.067	-4.067	0	%100
92	MP2C	Z	7.045	7.045	0	%100
93	MP3C	X	-4.924	-4.924	0	%100
94	MP3C	Z	8.528	8.528	0	%100
95	MP4C	X	-4.067	-4.067	0	%100
96	MP4C	Z	7.045	7.045	0	%100
97	MP1B	X	-4.067	-4.067	0	%100
98	MP1B	Z	7.045	7.045	0	%100
99	MP2B	X	-4.067	-4.067	0	%100
100	MP2B	Z	7.045	7.045	0	%100
101	MP3B	X	-4.924	-4.924	0	%100
102	MP3B	Z	8.528	8.528	0	%100
103	MP4B	X	-4.067	-4.067	0	%100
104	MP4B	Z	7.045	7.045	0	%100
105	M125A	X	-4.495	-4.495	0	%100
106	M125A	Z	7.786	7.786	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	-3.653	-3.653	0	%100
110	M127A	Z	6.327	6.327	0	%100
111	M128A	X	-3.653	-3.653	0	%100
112	M128A	Z	6.327	6.327	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	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,%]
115	OVP	X	-3.326	-3.326	0	%100
116	OVP	Z	5.761	5.761	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	M100	X	-7.909	-7.909	0	%100
2	M100	Z	4.566	4.566	0	%100
3	M101	X	-2.231	-2.231	0	%100
4	M101	Z	1.288	1.288	0	%100
5	M102	X	-2.231	-2.231	0	%100
6	M102	Z	1.288	1.288	0	%100
7	M103	X	-4.449	-4.449	0	%100
8	M103	Z	2.569	2.569	0	%100
9	M106	X	-9.883	-9.883	0	%100
10	M106	Z	5.706	5.706	0	%100
11	M107	X	-2.471	-2.471	0	%100
12	M107	Z	1.426	1.426	0	%100
13	M111	X	-13.348	-13.348	0	%100
14	M111	Z	7.707	7.707	0	%100
15	M112	X	-18.127	-18.127	0	%100
16	M112	Z	10.466	10.466	0	%100
17	M114	X	-19.093	-19.093	0	%100
18	M114	Z	11.023	11.023	0	%100
19	M116	X	-13.348	-13.348	0	%100
20	M116	Z	7.707	7.707	0	%100
21	M117	X	-4.532	-4.532	0	%100
22	M117	Z	2.616	2.616	0	%100
23	M119	X	-4.773	-4.773	0	%100
24	M119	Z	2.756	2.756	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-8.923	-8.923	0	%100
28	M125	Z	5.152	5.152	0	%100
29	M126	X	-8.923	-8.923	0	%100
30	M126	Z	5.152	5.152	0	%100
31	M127	X	-17.798	-17.798	0	%100
32	M127	Z	10.275	10.275	0	%100
33	M130	X	-2.471	-2.471	0	%100
34	M130	Z	1.426	1.426	0	%100
35	M131	X	-2.471	-2.471	0	%100
36	M131	Z	1.426	1.426	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-4.532	-4.532	0	%100
40	M136	Z	2.616	2.616	0	%100
41	M138	X	-4.773	-4.773	0	%100
42	M138	Z	2.756	2.756	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	-4.532	-4.532	0	%100
46	M141	Z	2.616	2.616	0	%100
47	M143	X	-4.773	-4.773	0	%100
48	M143	Z	2.756	2.756	0	%100
49	M148	X	-7.909	-7.909	0	%100
50	M148	Z	4.566	4.566	0	%100
51	M149	X	-2.231	-2.231	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,%]
52	M149	Z	1.288	1.288	0	%100
53	M150	X	-2.231	-2.231	0	%100
54	M150	Z	1.288	1.288	0	%100
55	M151	X	-4.449	-4.449	0	%100
56	M151	Z	2.569	2.569	0	%100
57	M154	X	-2.471	-2.471	0	%100
58	M154	Z	1.426	1.426	0	%100
59	M155	X	-9.883	-9.883	0	%100
60	M155	Z	5.706	5.706	0	%100
61	M159	X	-13.348	-13.348	0	%100
62	M159	Z	7.707	7.707	0	%100
63	M160	X	-4.532	-4.532	0	%100
64	M160	Z	2.616	2.616	0	%100
65	M162	X	-4.773	-4.773	0	%100
66	M162	Z	2.756	2.756	0	%100
67	M164	X	-13.348	-13.348	0	%100
68	M164	Z	7.707	7.707	0	%100
69	M165	X	-18.127	-18.127	0	%100
70	M165	Z	10.466	10.466	0	%100
71	M167	X	-19.093	-19.093	0	%100
72	M167	Z	11.023	11.023	0	%100
73	M172	X	-2.595	-2.595	0	%100
74	M172	Z	1.498	1.498	0	%100
75	MP1A	X	-7.045	-7.045	0	%100
76	MP1A	Z	4.067	4.067	0	%100
77	M82	X	-1.761	-1.761	0	%100
78	M82	Z	1.017	1.017	0	%100
79	M87	X	-7.045	-7.045	0	%100
80	M87	Z	4.067	4.067	0	%100
81	M88	X	-1.761	-1.761	0	%100
82	M88	Z	1.017	1.017	0	%100
83	MP2A	X	-7.045	-7.045	0	%100
84	MP2A	Z	4.067	4.067	0	%100
85	MP3A	X	-8.528	-8.528	0	%100
86	MP3A	Z	4.924	4.924	0	%100
87	MP4A	X	-7.045	-7.045	0	%100
88	MP4A	Z	4.067	4.067	0	%100
89	MP1C	X	-7.045	-7.045	0	%100
90	MP1C	Z	4.067	4.067	0	%100
91	MP2C	X	-7.045	-7.045	0	%100
92	MP2C	Z	4.067	4.067	0	%100
93	MP3C	X	-8.528	-8.528	0	%100
94	MP3C	Z	4.924	4.924	0	%100
95	MP4C	X	-7.045	-7.045	0	%100
96	MP4C	Z	4.067	4.067	0	%100
97	MP1B	X	-7.045	-7.045	0	%100
98	MP1B	Z	4.067	4.067	0	%100
99	MP2B	X	-7.045	-7.045	0	%100
100	MP2B	Z	4.067	4.067	0	%100
101	MP3B	X	-8.528	-8.528	0	%100
102	MP3B	Z	4.924	4.924	0	%100
103	MP4B	X	-7.045	-7.045	0	%100
104	MP4B	Z	4.067	4.067	0	%100
105	M125A	X	-10.382	-10.382	0	%100
106	M125A	Z	5.994	5.994	0	%100
107	M126A	X	-2.595	-2.595	0	%100
108	M126A	Z	1.498	1.498	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,%]
109	M127A	X	-2.109	-2.109	0	%100
110	M127A	Z	1.218	1.218	0	%100
111	M128A	X	-8.436	-8.436	0	%100
112	M128A	Z	4.871	4.871	0	%100
113	M129A	X	-2.109	-2.109	0	%100
114	M129A	Z	1.218	1.218	0	%100
115	OVP	X	-5.761	-5.761	0	%100
116	OVP	Z	3.326	3.326	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	M100	X	-12.176	-12.176	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	-8.559	-8.559	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-8.559	-8.559	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-20.551	-20.551	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	-15.699	-15.699	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	-16.535	-16.535	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-20.551	-20.551	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	-15.699	-15.699	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	-16.535	-16.535	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-3.044	-3.044	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-7.727	-7.727	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-7.727	-7.727	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-15.413	-15.413	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-8.559	-8.559	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	-5.138	-5.138	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-15.699	-15.699	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	-16.535	-16.535	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-5.138	-5.138	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	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,%]
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	-3.044	-3.044	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-7.727	-7.727	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	-7.727	-7.727	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-15.413	-15.413	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	-8.559	-8.559	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-5.138	-5.138	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	-5.138	-5.138	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-15.699	-15.699	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	-16.535	-16.535	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	-8.135	-8.135	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	-6.101	-6.101	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-6.101	-6.101	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-8.135	-8.135	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-9.847	-9.847	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-8.135	-8.135	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-8.135	-8.135	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-8.135	-8.135	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-9.847	-9.847	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-8.135	-8.135	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-8.135	-8.135	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-8.135	-8.135	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-9.847	-9.847	0	%100
102	MP3B	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,%]
103	MP4B	X	-8.135	-8.135	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	-8.991	-8.991	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-8.991	-8.991	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	-7.306	-7.306	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-7.306	-7.306	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	-6.652	-6.652	0	%100
116	OVP	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	M100	X	-7.909	-7.909	0	%100
2	M100	Z	-4.566	-4.566	0	%100
3	M101	X	-2.231	-2.231	0	%100
4	M101	Z	-1.288	-1.288	0	%100
5	M102	X	-2.231	-2.231	0	%100
6	M102	Z	-1.288	-1.288	0	%100
7	M103	X	-4.449	-4.449	0	%100
8	M103	Z	-2.569	-2.569	0	%100
9	M106	X	-2.471	-2.471	0	%100
10	M106	Z	-1.426	-1.426	0	%100
11	M107	X	-9.883	-9.883	0	%100
12	M107	Z	-5.706	-5.706	0	%100
13	M111	X	-13.348	-13.348	0	%100
14	M111	Z	-7.707	-7.707	0	%100
15	M112	X	-4.532	-4.532	0	%100
16	M112	Z	-2.616	-2.616	0	%100
17	M114	X	-4.773	-4.773	0	%100
18	M114	Z	-2.756	-2.756	0	%100
19	M116	X	-13.348	-13.348	0	%100
20	M116	Z	-7.707	-7.707	0	%100
21	M117	X	-18.127	-18.127	0	%100
22	M117	Z	-10.466	-10.466	0	%100
23	M119	X	-19.093	-19.093	0	%100
24	M119	Z	-11.023	-11.023	0	%100
25	M124	X	-7.909	-7.909	0	%100
26	M124	Z	-4.566	-4.566	0	%100
27	M125	X	-2.231	-2.231	0	%100
28	M125	Z	-1.288	-1.288	0	%100
29	M126	X	-2.231	-2.231	0	%100
30	M126	Z	-1.288	-1.288	0	%100
31	M127	X	-4.449	-4.449	0	%100
32	M127	Z	-2.569	-2.569	0	%100
33	M130	X	-9.883	-9.883	0	%100
34	M130	Z	-5.706	-5.706	0	%100
35	M131	X	-2.471	-2.471	0	%100
36	M131	Z	-1.426	-1.426	0	%100
37	M135	X	-13.348	-13.348	0	%100
38	M135	Z	-7.707	-7.707	0	%100
39	M136	X	-18.127	-18.127	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,%]
40	M136	Z	-10.466	-10.466	0	%100
41	M138	X	-19.093	-19.093	0	%100
42	M138	Z	-11.023	-11.023	0	%100
43	M140	X	-13.348	-13.348	0	%100
44	M140	Z	-7.707	-7.707	0	%100
45	M141	X	-4.532	-4.532	0	%100
46	M141	Z	-2.616	-2.616	0	%100
47	M143	X	-4.773	-4.773	0	%100
48	M143	Z	-2.756	-2.756	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-8.923	-8.923	0	%100
52	M149	Z	-5.152	-5.152	0	%100
53	M150	X	-8.923	-8.923	0	%100
54	M150	Z	-5.152	-5.152	0	%100
55	M151	X	-17.798	-17.798	0	%100
56	M151	Z	-10.275	-10.275	0	%100
57	M154	X	-2.471	-2.471	0	%100
58	M154	Z	-1.426	-1.426	0	%100
59	M155	X	-2.471	-2.471	0	%100
60	M155	Z	-1.426	-1.426	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	-4.532	-4.532	0	%100
64	M160	Z	-2.616	-2.616	0	%100
65	M162	X	-4.773	-4.773	0	%100
66	M162	Z	-2.756	-2.756	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-4.532	-4.532	0	%100
70	M165	Z	-2.616	-2.616	0	%100
71	M167	X	-4.773	-4.773	0	%100
72	M167	Z	-2.756	-2.756	0	%100
73	M172	X	-2.595	-2.595	0	%100
74	M172	Z	-1.498	-1.498	0	%100
75	MP1A	X	-7.045	-7.045	0	%100
76	MP1A	Z	-4.067	-4.067	0	%100
77	M82	X	-1.761	-1.761	0	%100
78	M82	Z	-1.017	-1.017	0	%100
79	M87	X	-1.761	-1.761	0	%100
80	M87	Z	-1.017	-1.017	0	%100
81	M88	X	-7.045	-7.045	0	%100
82	M88	Z	-4.067	-4.067	0	%100
83	MP2A	X	-7.045	-7.045	0	%100
84	MP2A	Z	-4.067	-4.067	0	%100
85	MP3A	X	-8.528	-8.528	0	%100
86	MP3A	Z	-4.924	-4.924	0	%100
87	MP4A	X	-7.045	-7.045	0	%100
88	MP4A	Z	-4.067	-4.067	0	%100
89	MP1C	X	-7.045	-7.045	0	%100
90	MP1C	Z	-4.067	-4.067	0	%100
91	MP2C	X	-7.045	-7.045	0	%100
92	MP2C	Z	-4.067	-4.067	0	%100
93	MP3C	X	-8.528	-8.528	0	%100
94	MP3C	Z	-4.924	-4.924	0	%100
95	MP4C	X	-7.045	-7.045	0	%100
96	MP4C	Z	-4.067	-4.067	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,%]
97	MP1B	X	-7.045	-7.045	0	%100
98	MP1B	Z	-4.067	-4.067	0	%100
99	MP2B	X	-7.045	-7.045	0	%100
100	MP2B	Z	-4.067	-4.067	0	%100
101	MP3B	X	-8.528	-8.528	0	%100
102	MP3B	Z	-4.924	-4.924	0	%100
103	MP4B	X	-7.045	-7.045	0	%100
104	MP4B	Z	-4.067	-4.067	0	%100
105	M125A	X	-2.595	-2.595	0	%100
106	M125A	Z	-1.498	-1.498	0	%100
107	M126A	X	-10.382	-10.382	0	%100
108	M126A	Z	-5.994	-5.994	0	%100
109	M127A	X	-2.109	-2.109	0	%100
110	M127A	Z	-1.218	-1.218	0	%100
111	M128A	X	-2.109	-2.109	0	%100
112	M128A	Z	-1.218	-1.218	0	%100
113	M129A	X	-8.436	-8.436	0	%100
114	M129A	Z	-4.871	-4.871	0	%100
115	OVP	X	-5.761	-5.761	0	%100
116	OVP	Z	-3.326	-3.326	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	M100	X	-1.522	-1.522	0	%100
2	M100	Z	-2.636	-2.636	0	%100
3	M101	X	-3.864	-3.864	0	%100
4	M101	Z	-6.692	-6.692	0	%100
5	M102	X	-3.864	-3.864	0	%100
6	M102	Z	-6.692	-6.692	0	%100
7	M103	X	-7.707	-7.707	0	%100
8	M103	Z	-13.348	-13.348	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-4.279	-4.279	0	%100
12	M107	Z	-7.412	-7.412	0	%100
13	M111	X	-2.569	-2.569	0	%100
14	M111	Z	-4.449	-4.449	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-2.569	-2.569	0	%100
20	M116	Z	-4.449	-4.449	0	%100
21	M117	X	-7.849	-7.849	0	%100
22	M117	Z	-13.595	-13.595	0	%100
23	M119	X	-8.267	-8.267	0	%100
24	M119	Z	-14.32	-14.32	0	%100
25	M124	X	-6.088	-6.088	0	%100
26	M124	Z	-10.545	-10.545	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-4.279	-4.279	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,%]
34	M130	Z	-7.412	-7.412	0	%100
35	M131	X	-4.279	-4.279	0	%100
36	M131	Z	-7.412	-7.412	0	%100
37	M135	X	-10.275	-10.275	0	%100
38	M135	Z	-17.798	-17.798	0	%100
39	M136	X	-7.849	-7.849	0	%100
40	M136	Z	-13.595	-13.595	0	%100
41	M138	X	-8.267	-8.267	0	%100
42	M138	Z	-14.32	-14.32	0	%100
43	M140	X	-10.275	-10.275	0	%100
44	M140	Z	-17.798	-17.798	0	%100
45	M141	X	-7.849	-7.849	0	%100
46	M141	Z	-13.595	-13.595	0	%100
47	M143	X	-8.267	-8.267	0	%100
48	M143	Z	-14.32	-14.32	0	%100
49	M148	X	-1.522	-1.522	0	%100
50	M148	Z	-2.636	-2.636	0	%100
51	M149	X	-3.864	-3.864	0	%100
52	M149	Z	-6.692	-6.692	0	%100
53	M150	X	-3.864	-3.864	0	%100
54	M150	Z	-6.692	-6.692	0	%100
55	M151	X	-7.707	-7.707	0	%100
56	M151	Z	-13.348	-13.348	0	%100
57	M154	X	-4.279	-4.279	0	%100
58	M154	Z	-7.412	-7.412	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-2.569	-2.569	0	%100
62	M159	Z	-4.449	-4.449	0	%100
63	M160	X	-7.849	-7.849	0	%100
64	M160	Z	-13.595	-13.595	0	%100
65	M162	X	-8.267	-8.267	0	%100
66	M162	Z	-14.32	-14.32	0	%100
67	M164	X	-2.569	-2.569	0	%100
68	M164	Z	-4.449	-4.449	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	-4.495	-4.495	0	%100
74	M172	Z	-7.786	-7.786	0	%100
75	MP1A	X	-4.067	-4.067	0	%100
76	MP1A	Z	-7.045	-7.045	0	%100
77	M82	X	-3.051	-3.051	0	%100
78	M82	Z	-5.284	-5.284	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-3.051	-3.051	0	%100
82	M88	Z	-5.284	-5.284	0	%100
83	MP2A	X	-4.067	-4.067	0	%100
84	MP2A	Z	-7.045	-7.045	0	%100
85	MP3A	X	-4.924	-4.924	0	%100
86	MP3A	Z	-8.528	-8.528	0	%100
87	MP4A	X	-4.067	-4.067	0	%100
88	MP4A	Z	-7.045	-7.045	0	%100
89	MP1C	X	-4.067	-4.067	0	%100
90	MP1C	Z	-7.045	-7.045	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,%]
91	MP2C	X	-4.067	-4.067	0	%100
92	MP2C	Z	-7.045	-7.045	0	%100
93	MP3C	X	-4.924	-4.924	0	%100
94	MP3C	Z	-8.528	-8.528	0	%100
95	MP4C	X	-4.067	-4.067	0	%100
96	MP4C	Z	-7.045	-7.045	0	%100
97	MP1B	X	-4.067	-4.067	0	%100
98	MP1B	Z	-7.045	-7.045	0	%100
99	MP2B	X	-4.067	-4.067	0	%100
100	MP2B	Z	-7.045	-7.045	0	%100
101	MP3B	X	-4.924	-4.924	0	%100
102	MP3B	Z	-8.528	-8.528	0	%100
103	MP4B	X	-4.067	-4.067	0	%100
104	MP4B	Z	-7.045	-7.045	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-4.495	-4.495	0	%100
108	M126A	Z	-7.786	-7.786	0	%100
109	M127A	X	-3.653	-3.653	0	%100
110	M127A	Z	-6.327	-6.327	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-3.653	-3.653	0	%100
114	M129A	Z	-6.327	-6.327	0	%100
115	OVP	X	-3.326	-3.326	0	%100
116	OVP	Z	-5.761	-5.761	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	-3.278	-3.278	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-3.278	-3.278	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-4.906	-4.906	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	-.928	-.928	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-.928	-.928	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	-1.233	-1.233	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	-1.284	-1.284	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	-1.233	-1.233	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	-1.284	-1.284	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	-2.99	-2.99	0	%100
27	M125	X	0	0	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,%]
28	M125	Z	-.819	-.819	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-.819	-.819	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-1.227	-1.227	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	-.928	-.928	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	-3.713	-3.713	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	-3.649	-3.649	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	-1.233	-1.233	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	-1.284	-1.284	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	-3.649	-3.649	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	-4.933	-4.933	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	-5.134	-5.134	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	-2.99	-2.99	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	-.819	-.819	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-.819	-.819	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-1.227	-1.227	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	-3.713	-3.713	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	-.928	-.928	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	-3.649	-3.649	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	-4.933	-4.933	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	-5.134	-5.134	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	-3.649	-3.649	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	-1.233	-1.233	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	-1.284	-1.284	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	-4.238	-4.238	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-3.558	-3.558	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	-3.558	-3.558	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	-.89	-.89	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	-.89	-.89	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-3.558	-3.558	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,%]
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-3.86	-3.86	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-3.558	-3.558	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.558	-3.558	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.558	-3.558	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-3.86	-3.86	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-3.558	-3.558	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-3.558	-3.558	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-3.558	-3.558	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-3.86	-3.86	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-3.558	-3.558	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	-1.06	-1.06	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	-1.06	-1.06	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	-3.033	-3.033	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	-.758	-.758	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	-.758	-.758	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-2.717	-2.717	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	M100	X	.498	.498	0	%100
2	M100	Z	-.863	-.863	0	%100
3	M101	X	1.229	1.229	0	%100
4	M101	Z	-2.129	-2.129	0	%100
5	M102	X	1.229	1.229	0	%100
6	M102	Z	-2.129	-2.129	0	%100
7	M103	X	1.84	1.84	0	%100
8	M103	Z	-3.187	-3.187	0	%100
9	M106	X	1.393	1.393	0	%100
10	M106	Z	-2.412	-2.412	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	.608	.608	0	%100
14	M111	Z	-1.053	-1.053	0	%100
15	M112	X	1.85	1.85	0	%100
16	M112	Z	-3.204	-3.204	0	%100
17	M114	X	1.925	1.925	0	%100
18	M114	Z	-3.335	-3.335	0	%100
19	M116	X	.608	.608	0	%100
20	M116	Z	-1.053	-1.053	0	%100
21	M117	X	0	0	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,%]
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.498	.498	0	%100
26	M124	Z	-.863	-.863	0	%100
27	M125	X	1.229	1.229	0	%100
28	M125	Z	-2.129	-2.129	0	%100
29	M126	X	1.229	1.229	0	%100
30	M126	Z	-2.129	-2.129	0	%100
31	M127	X	1.84	1.84	0	%100
32	M127	Z	-3.187	-3.187	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	1.393	1.393	0	%100
36	M131	Z	-2.412	-2.412	0	%100
37	M135	X	.608	.608	0	%100
38	M135	Z	-1.053	-1.053	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	.608	.608	0	%100
44	M140	Z	-1.053	-1.053	0	%100
45	M141	X	1.85	1.85	0	%100
46	M141	Z	-3.204	-3.204	0	%100
47	M143	X	1.925	1.925	0	%100
48	M143	Z	-3.335	-3.335	0	%100
49	M148	X	1.993	1.993	0	%100
50	M148	Z	-3.452	-3.452	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	1.393	1.393	0	%100
58	M154	Z	-2.412	-2.412	0	%100
59	M155	X	1.393	1.393	0	%100
60	M155	Z	-2.412	-2.412	0	%100
61	M159	X	2.433	2.433	0	%100
62	M159	Z	-4.214	-4.214	0	%100
63	M160	X	1.85	1.85	0	%100
64	M160	Z	-3.204	-3.204	0	%100
65	M162	X	1.925	1.925	0	%100
66	M162	Z	-3.335	-3.335	0	%100
67	M164	X	2.433	2.433	0	%100
68	M164	Z	-4.214	-4.214	0	%100
69	M165	X	1.85	1.85	0	%100
70	M165	Z	-3.204	-3.204	0	%100
71	M167	X	1.925	1.925	0	%100
72	M167	Z	-3.335	-3.335	0	%100
73	M172	X	1.589	1.589	0	%100
74	M172	Z	-2.753	-2.753	0	%100
75	MP1A	X	1.779	1.779	0	%100
76	MP1A	Z	-3.081	-3.081	0	%100
77	M82	X	1.334	1.334	0	%100
78	M82	Z	-2.311	-2.311	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,%]
79	M87	X	1.334	1.334	0	%100
80	M87	Z	-2.311	-2.311	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	1.779	1.779	0	%100
84	MP2A	Z	-3.081	-3.081	0	%100
85	MP3A	X	1.93	1.93	0	%100
86	MP3A	Z	-3.343	-3.343	0	%100
87	MP4A	X	1.779	1.779	0	%100
88	MP4A	Z	-3.081	-3.081	0	%100
89	MP1C	X	1.779	1.779	0	%100
90	MP1C	Z	-3.081	-3.081	0	%100
91	MP2C	X	1.779	1.779	0	%100
92	MP2C	Z	-3.081	-3.081	0	%100
93	MP3C	X	1.93	1.93	0	%100
94	MP3C	Z	-3.343	-3.343	0	%100
95	MP4C	X	1.779	1.779	0	%100
96	MP4C	Z	-3.081	-3.081	0	%100
97	MP1B	X	1.779	1.779	0	%100
98	MP1B	Z	-3.081	-3.081	0	%100
99	MP2B	X	1.779	1.779	0	%100
100	MP2B	Z	-3.081	-3.081	0	%100
101	MP3B	X	1.93	1.93	0	%100
102	MP3B	Z	-3.343	-3.343	0	%100
103	MP4B	X	1.779	1.779	0	%100
104	MP4B	Z	-3.081	-3.081	0	%100
105	M125A	X	1.589	1.589	0	%100
106	M125A	Z	-2.753	-2.753	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	1.137	1.137	0	%100
110	M127A	Z	-1.97	-1.97	0	%100
111	M128A	X	1.137	1.137	0	%100
112	M128A	Z	-1.97	-1.97	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	1.359	1.359	0	%100
116	OVP	Z	-2.353	-2.353	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	M100	X	2.589	2.589	0	%100
2	M100	Z	-1.495	-1.495	0	%100
3	M101	X	.71	.71	0	%100
4	M101	Z	-.41	-.41	0	%100
5	M102	X	.71	.71	0	%100
6	M102	Z	-.41	-.41	0	%100
7	M103	X	1.062	1.062	0	%100
8	M103	Z	-.613	-.613	0	%100
9	M106	X	3.216	3.216	0	%100
10	M106	Z	-1.857	-1.857	0	%100
11	M107	X	.804	.804	0	%100
12	M107	Z	-.464	-.464	0	%100
13	M111	X	3.16	3.16	0	%100
14	M111	Z	-1.825	-1.825	0	%100
15	M112	X	4.272	4.272	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,%]
16	M112	Z	-2.467	-2.467	0	%100
17	M114	X	4.446	4.446	0	%100
18	M114	Z	-2.567	-2.567	0	%100
19	M116	X	3.16	3.16	0	%100
20	M116	Z	-1.825	-1.825	0	%100
21	M117	X	1.068	1.068	0	%100
22	M117	Z	-.617	-.617	0	%100
23	M119	X	1.112	1.112	0	%100
24	M119	Z	-.642	-.642	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	2.838	2.838	0	%100
28	M125	Z	-1.639	-1.639	0	%100
29	M126	X	2.838	2.838	0	%100
30	M126	Z	-1.639	-1.639	0	%100
31	M127	X	4.249	4.249	0	%100
32	M127	Z	-2.453	-2.453	0	%100
33	M130	X	.804	.804	0	%100
34	M130	Z	-.464	-.464	0	%100
35	M131	X	.804	.804	0	%100
36	M131	Z	-.464	-.464	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	1.068	1.068	0	%100
40	M136	Z	-.617	-.617	0	%100
41	M138	X	1.112	1.112	0	%100
42	M138	Z	-.642	-.642	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	1.068	1.068	0	%100
46	M141	Z	-.617	-.617	0	%100
47	M143	X	1.112	1.112	0	%100
48	M143	Z	-.642	-.642	0	%100
49	M148	X	2.589	2.589	0	%100
50	M148	Z	-1.495	-1.495	0	%100
51	M149	X	.71	.71	0	%100
52	M149	Z	-.41	-.41	0	%100
53	M150	X	.71	.71	0	%100
54	M150	Z	-.41	-.41	0	%100
55	M151	X	1.062	1.062	0	%100
56	M151	Z	-.613	-.613	0	%100
57	M154	X	.804	.804	0	%100
58	M154	Z	-.464	-.464	0	%100
59	M155	X	3.216	3.216	0	%100
60	M155	Z	-1.857	-1.857	0	%100
61	M159	X	3.16	3.16	0	%100
62	M159	Z	-1.825	-1.825	0	%100
63	M160	X	1.068	1.068	0	%100
64	M160	Z	-.617	-.617	0	%100
65	M162	X	1.112	1.112	0	%100
66	M162	Z	-.642	-.642	0	%100
67	M164	X	3.16	3.16	0	%100
68	M164	Z	-1.825	-1.825	0	%100
69	M165	X	4.272	4.272	0	%100
70	M165	Z	-2.467	-2.467	0	%100
71	M167	X	4.446	4.446	0	%100
72	M167	Z	-2.567	-2.567	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,%]
73	M172	X	.918	.918	0	%100
74	M172	Z	-.53	-.53	0	%100
75	MP1A	X	3.081	3.081	0	%100
76	MP1A	Z	-1.779	-1.779	0	%100
77	M82	X	.77	.77	0	%100
78	M82	Z	-.445	-.445	0	%100
79	M87	X	3.081	3.081	0	%100
80	M87	Z	-1.779	-1.779	0	%100
81	M88	X	.77	.77	0	%100
82	M88	Z	-.445	-.445	0	%100
83	MP2A	X	3.081	3.081	0	%100
84	MP2A	Z	-1.779	-1.779	0	%100
85	MP3A	X	3.343	3.343	0	%100
86	MP3A	Z	-1.93	-1.93	0	%100
87	MP4A	X	3.081	3.081	0	%100
88	MP4A	Z	-1.779	-1.779	0	%100
89	MP1C	X	3.081	3.081	0	%100
90	MP1C	Z	-1.779	-1.779	0	%100
91	MP2C	X	3.081	3.081	0	%100
92	MP2C	Z	-1.779	-1.779	0	%100
93	MP3C	X	3.343	3.343	0	%100
94	MP3C	Z	-1.93	-1.93	0	%100
95	MP4C	X	3.081	3.081	0	%100
96	MP4C	Z	-1.779	-1.779	0	%100
97	MP1B	X	3.081	3.081	0	%100
98	MP1B	Z	-1.779	-1.779	0	%100
99	MP2B	X	3.081	3.081	0	%100
100	MP2B	Z	-1.779	-1.779	0	%100
101	MP3B	X	3.343	3.343	0	%100
102	MP3B	Z	-1.93	-1.93	0	%100
103	MP4B	X	3.081	3.081	0	%100
104	MP4B	Z	-1.779	-1.779	0	%100
105	M125A	X	3.67	3.67	0	%100
106	M125A	Z	-2.119	-2.119	0	%100
107	M126A	X	.918	.918	0	%100
108	M126A	Z	-.53	-.53	0	%100
109	M127A	X	.657	.657	0	%100
110	M127A	Z	-.379	-.379	0	%100
111	M128A	X	2.627	2.627	0	%100
112	M128A	Z	-1.517	-1.517	0	%100
113	M129A	X	.657	.657	0	%100
114	M129A	Z	-.379	-.379	0	%100
115	OVP	X	2.353	2.353	0	%100
116	OVP	Z	-1.359	-1.359	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	M100	X	3.986	3.986	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	2.785	2.785	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,%]
10	M106	Z	0	0	0	%100
11	M107	X	2.785	2.785	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	4.866	4.866	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	3.7	3.7	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	3.851	3.851	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	4.866	4.866	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	3.7	3.7	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	3.851	3.851	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.997	.997	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	2.458	2.458	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	2.458	2.458	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	3.68	3.68	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	2.785	2.785	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	1.216	1.216	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	3.7	3.7	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	3.851	3.851	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	1.216	1.216	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	.997	.997	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	2.458	2.458	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	2.458	2.458	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	3.68	3.68	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	2.785	2.785	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	1.216	1.216	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	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,%]
67	M164	X	1.216	1.216	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	3.7	3.7	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	3.851	3.851	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	3.558	3.558	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	2.669	2.669	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	2.669	2.669	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	3.558	3.558	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	3.86	3.86	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	3.558	3.558	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	3.558	3.558	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	3.558	3.558	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	3.86	3.86	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	3.558	3.558	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	3.558	3.558	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	3.558	3.558	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	3.86	3.86	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	3.558	3.558	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	3.179	3.179	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	3.179	3.179	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	2.275	2.275	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	2.275	2.275	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	2.717	2.717	0	%100
116	OVP	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	M100	X	2.589	2.589	0	%100
2	M100	Z	1.495	1.495	0	%100
3	M101	X	.71	.71	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,%]
4	M101	Z	.41	.41	0	%100
5	M102	X	.71	.71	0	%100
6	M102	Z	.41	.41	0	%100
7	M103	X	1.062	1.062	0	%100
8	M103	Z	.613	.613	0	%100
9	M106	X	.804	.804	0	%100
10	M106	Z	.464	.464	0	%100
11	M107	X	3.216	3.216	0	%100
12	M107	Z	1.857	1.857	0	%100
13	M111	X	3.16	3.16	0	%100
14	M111	Z	1.825	1.825	0	%100
15	M112	X	1.068	1.068	0	%100
16	M112	Z	.617	.617	0	%100
17	M114	X	1.112	1.112	0	%100
18	M114	Z	.642	.642	0	%100
19	M116	X	3.16	3.16	0	%100
20	M116	Z	1.825	1.825	0	%100
21	M117	X	4.272	4.272	0	%100
22	M117	Z	2.467	2.467	0	%100
23	M119	X	4.446	4.446	0	%100
24	M119	Z	2.567	2.567	0	%100
25	M124	X	2.589	2.589	0	%100
26	M124	Z	1.495	1.495	0	%100
27	M125	X	.71	.71	0	%100
28	M125	Z	.41	.41	0	%100
29	M126	X	.71	.71	0	%100
30	M126	Z	.41	.41	0	%100
31	M127	X	1.062	1.062	0	%100
32	M127	Z	.613	.613	0	%100
33	M130	X	3.216	3.216	0	%100
34	M130	Z	1.857	1.857	0	%100
35	M131	X	.804	.804	0	%100
36	M131	Z	.464	.464	0	%100
37	M135	X	3.16	3.16	0	%100
38	M135	Z	1.825	1.825	0	%100
39	M136	X	4.272	4.272	0	%100
40	M136	Z	2.467	2.467	0	%100
41	M138	X	4.446	4.446	0	%100
42	M138	Z	2.567	2.567	0	%100
43	M140	X	3.16	3.16	0	%100
44	M140	Z	1.825	1.825	0	%100
45	M141	X	1.068	1.068	0	%100
46	M141	Z	.617	.617	0	%100
47	M143	X	1.112	1.112	0	%100
48	M143	Z	.642	.642	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	2.838	2.838	0	%100
52	M149	Z	1.639	1.639	0	%100
53	M150	X	2.838	2.838	0	%100
54	M150	Z	1.639	1.639	0	%100
55	M151	X	4.249	4.249	0	%100
56	M151	Z	2.453	2.453	0	%100
57	M154	X	.804	.804	0	%100
58	M154	Z	.464	.464	0	%100
59	M155	X	.804	.804	0	%100
60	M155	Z	.464	.464	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,%]
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	1.068	1.068	0	%100
64	M160	Z	.617	.617	0	%100
65	M162	X	1.112	1.112	0	%100
66	M162	Z	.642	.642	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	1.068	1.068	0	%100
70	M165	Z	.617	.617	0	%100
71	M167	X	1.112	1.112	0	%100
72	M167	Z	.642	.642	0	%100
73	M172	X	.918	.918	0	%100
74	M172	Z	.53	.53	0	%100
75	MP1A	X	3.081	3.081	0	%100
76	MP1A	Z	1.779	1.779	0	%100
77	M82	X	.77	.77	0	%100
78	M82	Z	.445	.445	0	%100
79	M87	X	.77	.77	0	%100
80	M87	Z	.445	.445	0	%100
81	M88	X	3.081	3.081	0	%100
82	M88	Z	1.779	1.779	0	%100
83	MP2A	X	3.081	3.081	0	%100
84	MP2A	Z	1.779	1.779	0	%100
85	MP3A	X	3.343	3.343	0	%100
86	MP3A	Z	1.93	1.93	0	%100
87	MP4A	X	3.081	3.081	0	%100
88	MP4A	Z	1.779	1.779	0	%100
89	MP1C	X	3.081	3.081	0	%100
90	MP1C	Z	1.779	1.779	0	%100
91	MP2C	X	3.081	3.081	0	%100
92	MP2C	Z	1.779	1.779	0	%100
93	MP3C	X	3.343	3.343	0	%100
94	MP3C	Z	1.93	1.93	0	%100
95	MP4C	X	3.081	3.081	0	%100
96	MP4C	Z	1.779	1.779	0	%100
97	MP1B	X	3.081	3.081	0	%100
98	MP1B	Z	1.779	1.779	0	%100
99	MP2B	X	3.081	3.081	0	%100
100	MP2B	Z	1.779	1.779	0	%100
101	MP3B	X	3.343	3.343	0	%100
102	MP3B	Z	1.93	1.93	0	%100
103	MP4B	X	3.081	3.081	0	%100
104	MP4B	Z	1.779	1.779	0	%100
105	M125A	X	.918	.918	0	%100
106	M125A	Z	.53	.53	0	%100
107	M126A	X	3.67	3.67	0	%100
108	M126A	Z	2.119	2.119	0	%100
109	M127A	X	.657	.657	0	%100
110	M127A	Z	.379	.379	0	%100
111	M128A	X	.657	.657	0	%100
112	M128A	Z	.379	.379	0	%100
113	M129A	X	2.627	2.627	0	%100
114	M129A	Z	1.517	1.517	0	%100
115	OVP	X	2.353	2.353	0	%100
116	OVP	Z	1.359	1.359	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	M100	X	.498	.498	0	%100
2	M100	Z	.863	.863	0	%100
3	M101	X	1.229	1.229	0	%100
4	M101	Z	2.129	2.129	0	%100
5	M102	X	1.229	1.229	0	%100
6	M102	Z	2.129	2.129	0	%100
7	M103	X	1.84	1.84	0	%100
8	M103	Z	3.187	3.187	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	1.393	1.393	0	%100
12	M107	Z	2.412	2.412	0	%100
13	M111	X	.608	.608	0	%100
14	M111	Z	1.053	1.053	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	.608	.608	0	%100
20	M116	Z	1.053	1.053	0	%100
21	M117	X	1.85	1.85	0	%100
22	M117	Z	3.204	3.204	0	%100
23	M119	X	1.925	1.925	0	%100
24	M119	Z	3.335	3.335	0	%100
25	M124	X	1.993	1.993	0	%100
26	M124	Z	3.452	3.452	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	1.393	1.393	0	%100
34	M130	Z	2.412	2.412	0	%100
35	M131	X	1.393	1.393	0	%100
36	M131	Z	2.412	2.412	0	%100
37	M135	X	2.433	2.433	0	%100
38	M135	Z	4.214	4.214	0	%100
39	M136	X	1.85	1.85	0	%100
40	M136	Z	3.204	3.204	0	%100
41	M138	X	1.925	1.925	0	%100
42	M138	Z	3.335	3.335	0	%100
43	M140	X	2.433	2.433	0	%100
44	M140	Z	4.214	4.214	0	%100
45	M141	X	1.85	1.85	0	%100
46	M141	Z	3.204	3.204	0	%100
47	M143	X	1.925	1.925	0	%100
48	M143	Z	3.335	3.335	0	%100
49	M148	X	.498	.498	0	%100
50	M148	Z	.863	.863	0	%100
51	M149	X	1.229	1.229	0	%100
52	M149	Z	2.129	2.129	0	%100
53	M150	X	1.229	1.229	0	%100
54	M150	Z	2.129	2.129	0	%100
55	M151	X	1.84	1.84	0	%100
56	M151	Z	3.187	3.187	0	%100
57	M154	X	1.393	1.393	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,%]
58	M154	Z	2.412	2.412	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	.608	.608	0	%100
62	M159	Z	1.053	1.053	0	%100
63	M160	X	1.85	1.85	0	%100
64	M160	Z	3.204	3.204	0	%100
65	M162	X	1.925	1.925	0	%100
66	M162	Z	3.335	3.335	0	%100
67	M164	X	.608	.608	0	%100
68	M164	Z	1.053	1.053	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	1.589	1.589	0	%100
74	M172	Z	2.753	2.753	0	%100
75	MP1A	X	1.779	1.779	0	%100
76	MP1A	Z	3.081	3.081	0	%100
77	M82	X	1.334	1.334	0	%100
78	M82	Z	2.311	2.311	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	1.334	1.334	0	%100
82	M88	Z	2.311	2.311	0	%100
83	MP2A	X	1.779	1.779	0	%100
84	MP2A	Z	3.081	3.081	0	%100
85	MP3A	X	1.93	1.93	0	%100
86	MP3A	Z	3.343	3.343	0	%100
87	MP4A	X	1.779	1.779	0	%100
88	MP4A	Z	3.081	3.081	0	%100
89	MP1C	X	1.779	1.779	0	%100
90	MP1C	Z	3.081	3.081	0	%100
91	MP2C	X	1.779	1.779	0	%100
92	MP2C	Z	3.081	3.081	0	%100
93	MP3C	X	1.93	1.93	0	%100
94	MP3C	Z	3.343	3.343	0	%100
95	MP4C	X	1.779	1.779	0	%100
96	MP4C	Z	3.081	3.081	0	%100
97	MP1B	X	1.779	1.779	0	%100
98	MP1B	Z	3.081	3.081	0	%100
99	MP2B	X	1.779	1.779	0	%100
100	MP2B	Z	3.081	3.081	0	%100
101	MP3B	X	1.93	1.93	0	%100
102	MP3B	Z	3.343	3.343	0	%100
103	MP4B	X	1.779	1.779	0	%100
104	MP4B	Z	3.081	3.081	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	1.589	1.589	0	%100
108	M126A	Z	2.753	2.753	0	%100
109	M127A	X	1.137	1.137	0	%100
110	M127A	Z	1.97	1.97	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	1.137	1.137	0	%100
114	M129A	Z	1.97	1.97	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,%]
115	OVP	X	1.359	1.359	0	%100
116	OVP	Z	2.353	2.353	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	3.278	3.278	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	3.278	3.278	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	4.906	4.906	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	.928	.928	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	.928	.928	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	1.233	1.233	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	1.284	1.284	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	1.233	1.233	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	1.284	1.284	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	2.99	2.99	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	.819	.819	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	.819	.819	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	1.227	1.227	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	.928	.928	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	3.713	3.713	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	3.649	3.649	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	1.233	1.233	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	1.284	1.284	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	3.649	3.649	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	4.933	4.933	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	5.134	5.134	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	2.99	2.99	0	%100
51	M149	X	0	0	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,%]
52	M149	Z	.819	.819	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	.819	.819	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	1.227	1.227	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	3.713	3.713	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	.928	.928	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	3.649	3.649	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	4.933	4.933	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	5.134	5.134	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	3.649	3.649	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	1.233	1.233	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	1.284	1.284	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	4.238	4.238	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	3.558	3.558	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	3.558	3.558	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	.89	.89	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	.89	.89	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	3.558	3.558	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	3.86	3.86	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	3.558	3.558	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.558	3.558	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.558	3.558	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	3.86	3.86	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	3.558	3.558	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	3.558	3.558	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.558	3.558	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	3.86	3.86	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	3.558	3.558	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	1.06	1.06	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	1.06	1.06	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,%]
109	M127A	X	0	0	0	%100
110	M127A	Z	3.033	3.033	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	.758	.758	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	.758	.758	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	2.717	2.717	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	M100	X	-.498	-.498	0	%100
2	M100	Z	.863	.863	0	%100
3	M101	X	-1.229	-1.229	0	%100
4	M101	Z	2.129	2.129	0	%100
5	M102	X	-1.229	-1.229	0	%100
6	M102	Z	2.129	2.129	0	%100
7	M103	X	-1.84	-1.84	0	%100
8	M103	Z	3.187	3.187	0	%100
9	M106	X	-1.393	-1.393	0	%100
10	M106	Z	2.412	2.412	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-.608	-.608	0	%100
14	M111	Z	1.053	1.053	0	%100
15	M112	X	-1.85	-1.85	0	%100
16	M112	Z	3.204	3.204	0	%100
17	M114	X	-1.925	-1.925	0	%100
18	M114	Z	3.335	3.335	0	%100
19	M116	X	-.608	-.608	0	%100
20	M116	Z	1.053	1.053	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.498	-.498	0	%100
26	M124	Z	.863	.863	0	%100
27	M125	X	-1.229	-1.229	0	%100
28	M125	Z	2.129	2.129	0	%100
29	M126	X	-1.229	-1.229	0	%100
30	M126	Z	2.129	2.129	0	%100
31	M127	X	-1.84	-1.84	0	%100
32	M127	Z	3.187	3.187	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	-1.393	-1.393	0	%100
36	M131	Z	2.412	2.412	0	%100
37	M135	X	-.608	-.608	0	%100
38	M135	Z	1.053	1.053	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-.608	-.608	0	%100
44	M140	Z	1.053	1.053	0	%100
45	M141	X	-1.85	-1.85	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,%]
46	M141	Z	3.204	3.204	0	%100
47	M143	X	-1.925	-1.925	0	%100
48	M143	Z	3.335	3.335	0	%100
49	M148	X	-1.993	-1.993	0	%100
50	M148	Z	3.452	3.452	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	-1.393	-1.393	0	%100
58	M154	Z	2.412	2.412	0	%100
59	M155	X	-1.393	-1.393	0	%100
60	M155	Z	2.412	2.412	0	%100
61	M159	X	-2.433	-2.433	0	%100
62	M159	Z	4.214	4.214	0	%100
63	M160	X	-1.85	-1.85	0	%100
64	M160	Z	3.204	3.204	0	%100
65	M162	X	-1.925	-1.925	0	%100
66	M162	Z	3.335	3.335	0	%100
67	M164	X	-2.433	-2.433	0	%100
68	M164	Z	4.214	4.214	0	%100
69	M165	X	-1.85	-1.85	0	%100
70	M165	Z	3.204	3.204	0	%100
71	M167	X	-1.925	-1.925	0	%100
72	M167	Z	3.335	3.335	0	%100
73	M172	X	-1.589	-1.589	0	%100
74	M172	Z	2.753	2.753	0	%100
75	MP1A	X	-1.779	-1.779	0	%100
76	MP1A	Z	3.081	3.081	0	%100
77	M82	X	-1.334	-1.334	0	%100
78	M82	Z	2.311	2.311	0	%100
79	M87	X	-1.334	-1.334	0	%100
80	M87	Z	2.311	2.311	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-1.779	-1.779	0	%100
84	MP2A	Z	3.081	3.081	0	%100
85	MP3A	X	-1.93	-1.93	0	%100
86	MP3A	Z	3.343	3.343	0	%100
87	MP4A	X	-1.779	-1.779	0	%100
88	MP4A	Z	3.081	3.081	0	%100
89	MP1C	X	-1.779	-1.779	0	%100
90	MP1C	Z	3.081	3.081	0	%100
91	MP2C	X	-1.779	-1.779	0	%100
92	MP2C	Z	3.081	3.081	0	%100
93	MP3C	X	-1.93	-1.93	0	%100
94	MP3C	Z	3.343	3.343	0	%100
95	MP4C	X	-1.779	-1.779	0	%100
96	MP4C	Z	3.081	3.081	0	%100
97	MP1B	X	-1.779	-1.779	0	%100
98	MP1B	Z	3.081	3.081	0	%100
99	MP2B	X	-1.779	-1.779	0	%100
100	MP2B	Z	3.081	3.081	0	%100
101	MP3B	X	-1.93	-1.93	0	%100
102	MP3B	Z	3.343	3.343	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,%]
103	MP4B	X	-1.779	-1.779	0	%100
104	MP4B	Z	3.081	3.081	0	%100
105	M125A	X	-1.589	-1.589	0	%100
106	M125A	Z	2.753	2.753	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	-1.137	-1.137	0	%100
110	M127A	Z	1.97	1.97	0	%100
111	M128A	X	-1.137	-1.137	0	%100
112	M128A	Z	1.97	1.97	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	-1.359	-1.359	0	%100
116	OVP	Z	2.353	2.353	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	M100	X	-2.589	-2.589	0	%100
2	M100	Z	1.495	1.495	0	%100
3	M101	X	-.71	-.71	0	%100
4	M101	Z	.41	.41	0	%100
5	M102	X	-.71	-.71	0	%100
6	M102	Z	.41	.41	0	%100
7	M103	X	-1.062	-1.062	0	%100
8	M103	Z	.613	.613	0	%100
9	M106	X	-3.216	-3.216	0	%100
10	M106	Z	1.857	1.857	0	%100
11	M107	X	-.804	-.804	0	%100
12	M107	Z	.464	.464	0	%100
13	M111	X	-3.16	-3.16	0	%100
14	M111	Z	1.825	1.825	0	%100
15	M112	X	-4.272	-4.272	0	%100
16	M112	Z	2.467	2.467	0	%100
17	M114	X	-4.446	-4.446	0	%100
18	M114	Z	2.567	2.567	0	%100
19	M116	X	-3.16	-3.16	0	%100
20	M116	Z	1.825	1.825	0	%100
21	M117	X	-1.068	-1.068	0	%100
22	M117	Z	.617	.617	0	%100
23	M119	X	-1.112	-1.112	0	%100
24	M119	Z	.642	.642	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-2.838	-2.838	0	%100
28	M125	Z	1.639	1.639	0	%100
29	M126	X	-2.838	-2.838	0	%100
30	M126	Z	1.639	1.639	0	%100
31	M127	X	-4.249	-4.249	0	%100
32	M127	Z	2.453	2.453	0	%100
33	M130	X	-.804	-.804	0	%100
34	M130	Z	.464	.464	0	%100
35	M131	X	-.804	-.804	0	%100
36	M131	Z	.464	.464	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-1.068	-1.068	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	M136	Z	.617	.617	0	%100
41	M138	X	-1.112	-1.112	0	%100
42	M138	Z	.642	.642	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	-1.068	-1.068	0	%100
46	M141	Z	.617	.617	0	%100
47	M143	X	-1.112	-1.112	0	%100
48	M143	Z	.642	.642	0	%100
49	M148	X	-2.589	-2.589	0	%100
50	M148	Z	1.495	1.495	0	%100
51	M149	X	-.71	-.71	0	%100
52	M149	Z	.41	.41	0	%100
53	M150	X	-.71	-.71	0	%100
54	M150	Z	.41	.41	0	%100
55	M151	X	-1.062	-1.062	0	%100
56	M151	Z	.613	.613	0	%100
57	M154	X	-.804	-.804	0	%100
58	M154	Z	.464	.464	0	%100
59	M155	X	-3.216	-3.216	0	%100
60	M155	Z	1.857	1.857	0	%100
61	M159	X	-3.16	-3.16	0	%100
62	M159	Z	1.825	1.825	0	%100
63	M160	X	-1.068	-1.068	0	%100
64	M160	Z	.617	.617	0	%100
65	M162	X	-1.112	-1.112	0	%100
66	M162	Z	.642	.642	0	%100
67	M164	X	-3.16	-3.16	0	%100
68	M164	Z	1.825	1.825	0	%100
69	M165	X	-4.272	-4.272	0	%100
70	M165	Z	2.467	2.467	0	%100
71	M167	X	-4.446	-4.446	0	%100
72	M167	Z	2.567	2.567	0	%100
73	M172	X	-.918	-.918	0	%100
74	M172	Z	.53	.53	0	%100
75	MP1A	X	-3.081	-3.081	0	%100
76	MP1A	Z	1.779	1.779	0	%100
77	M82	X	-.77	-.77	0	%100
78	M82	Z	.445	.445	0	%100
79	M87	X	-3.081	-3.081	0	%100
80	M87	Z	1.779	1.779	0	%100
81	M88	X	-.77	-.77	0	%100
82	M88	Z	.445	.445	0	%100
83	MP2A	X	-3.081	-3.081	0	%100
84	MP2A	Z	1.779	1.779	0	%100
85	MP3A	X	-3.343	-3.343	0	%100
86	MP3A	Z	1.93	1.93	0	%100
87	MP4A	X	-3.081	-3.081	0	%100
88	MP4A	Z	1.779	1.779	0	%100
89	MP1C	X	-3.081	-3.081	0	%100
90	MP1C	Z	1.779	1.779	0	%100
91	MP2C	X	-3.081	-3.081	0	%100
92	MP2C	Z	1.779	1.779	0	%100
93	MP3C	X	-3.343	-3.343	0	%100
94	MP3C	Z	1.93	1.93	0	%100
95	MP4C	X	-3.081	-3.081	0	%100
96	MP4C	Z	1.779	1.779	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,%]
97	MP1B	X	-3.081	-3.081	0	%100
98	MP1B	Z	1.779	1.779	0	%100
99	MP2B	X	-3.081	-3.081	0	%100
100	MP2B	Z	1.779	1.779	0	%100
101	MP3B	X	-3.343	-3.343	0	%100
102	MP3B	Z	1.93	1.93	0	%100
103	MP4B	X	-3.081	-3.081	0	%100
104	MP4B	Z	1.779	1.779	0	%100
105	M125A	X	-3.67	-3.67	0	%100
106	M125A	Z	2.119	2.119	0	%100
107	M126A	X	-.918	-.918	0	%100
108	M126A	Z	.53	.53	0	%100
109	M127A	X	-.657	-.657	0	%100
110	M127A	Z	.379	.379	0	%100
111	M128A	X	-2.627	-2.627	0	%100
112	M128A	Z	1.517	1.517	0	%100
113	M129A	X	-.657	-.657	0	%100
114	M129A	Z	.379	.379	0	%100
115	OVP	X	-2.353	-2.353	0	%100
116	OVP	Z	1.359	1.359	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	M100	X	-3.986	-3.986	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	-2.785	-2.785	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-2.785	-2.785	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-4.866	-4.866	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	-3.7	-3.7	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	-3.851	-3.851	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-4.866	-4.866	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	-3.7	-3.7	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	-3.851	-3.851	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.997	-.997	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-2.458	-2.458	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-2.458	-2.458	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-3.68	-3.68	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-2.785	-2.785	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,%]
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	-1.216	-1.216	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-3.7	-3.7	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	-3.851	-3.851	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-1.216	-1.216	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	-.997	-.997	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-2.458	-2.458	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	-2.458	-2.458	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-3.68	-3.68	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	-2.785	-2.785	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-1.216	-1.216	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	-1.216	-1.216	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-3.7	-3.7	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	-3.851	-3.851	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	-3.558	-3.558	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	-2.669	-2.669	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-2.669	-2.669	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-3.558	-3.558	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-3.86	-3.86	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-3.558	-3.558	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-3.558	-3.558	0	%100
90	MP1C	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,%]
91	MP2C	X	-3.558	-3.558	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-3.86	-3.86	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-3.558	-3.558	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-3.558	-3.558	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-3.558	-3.558	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-3.86	-3.86	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-3.558	-3.558	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	-3.179	-3.179	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-3.179	-3.179	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	-2.275	-2.275	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-2.275	-2.275	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	-2.717	-2.717	0	%100
116	OVP	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	M100	X	-2.589	-2.589	0	%100
2	M100	Z	-1.495	-1.495	0	%100
3	M101	X	-.71	-.71	0	%100
4	M101	Z	-.41	-.41	0	%100
5	M102	X	-.71	-.71	0	%100
6	M102	Z	-.41	-.41	0	%100
7	M103	X	-1.062	-1.062	0	%100
8	M103	Z	-.613	-.613	0	%100
9	M106	X	-.804	-.804	0	%100
10	M106	Z	-.464	-.464	0	%100
11	M107	X	-3.216	-3.216	0	%100
12	M107	Z	-1.857	-1.857	0	%100
13	M111	X	-3.16	-3.16	0	%100
14	M111	Z	-1.825	-1.825	0	%100
15	M112	X	-1.068	-1.068	0	%100
16	M112	Z	-.617	-.617	0	%100
17	M114	X	-1.112	-1.112	0	%100
18	M114	Z	-.642	-.642	0	%100
19	M116	X	-3.16	-3.16	0	%100
20	M116	Z	-1.825	-1.825	0	%100
21	M117	X	-4.272	-4.272	0	%100
22	M117	Z	-2.467	-2.467	0	%100
23	M119	X	-4.446	-4.446	0	%100
24	M119	Z	-2.567	-2.567	0	%100
25	M124	X	-2.589	-2.589	0	%100
26	M124	Z	-1.495	-1.495	0	%100
27	M125	X	-.71	-.71	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,%]
28	M125	Z	-.41	-.41	0	%100
29	M126	X	-.71	-.71	0	%100
30	M126	Z	-.41	-.41	0	%100
31	M127	X	-1.062	-1.062	0	%100
32	M127	Z	-.613	-.613	0	%100
33	M130	X	-3.216	-3.216	0	%100
34	M130	Z	-1.857	-1.857	0	%100
35	M131	X	-.804	-.804	0	%100
36	M131	Z	-.464	-.464	0	%100
37	M135	X	-3.16	-3.16	0	%100
38	M135	Z	-1.825	-1.825	0	%100
39	M136	X	-4.272	-4.272	0	%100
40	M136	Z	-2.467	-2.467	0	%100
41	M138	X	-4.446	-4.446	0	%100
42	M138	Z	-2.567	-2.567	0	%100
43	M140	X	-3.16	-3.16	0	%100
44	M140	Z	-1.825	-1.825	0	%100
45	M141	X	-1.068	-1.068	0	%100
46	M141	Z	-.617	-.617	0	%100
47	M143	X	-1.112	-1.112	0	%100
48	M143	Z	-.642	-.642	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-2.838	-2.838	0	%100
52	M149	Z	-1.639	-1.639	0	%100
53	M150	X	-2.838	-2.838	0	%100
54	M150	Z	-1.639	-1.639	0	%100
55	M151	X	-4.249	-4.249	0	%100
56	M151	Z	-2.453	-2.453	0	%100
57	M154	X	-.804	-.804	0	%100
58	M154	Z	-.464	-.464	0	%100
59	M155	X	-.804	-.804	0	%100
60	M155	Z	-.464	-.464	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	-1.068	-1.068	0	%100
64	M160	Z	-.617	-.617	0	%100
65	M162	X	-1.112	-1.112	0	%100
66	M162	Z	-.642	-.642	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-1.068	-1.068	0	%100
70	M165	Z	-.617	-.617	0	%100
71	M167	X	-1.112	-1.112	0	%100
72	M167	Z	-.642	-.642	0	%100
73	M172	X	-.918	-.918	0	%100
74	M172	Z	-.53	-.53	0	%100
75	MP1A	X	-3.081	-3.081	0	%100
76	MP1A	Z	-1.779	-1.779	0	%100
77	M82	X	-.77	-.77	0	%100
78	M82	Z	-.445	-.445	0	%100
79	M87	X	-.77	-.77	0	%100
80	M87	Z	-.445	-.445	0	%100
81	M88	X	-3.081	-3.081	0	%100
82	M88	Z	-1.779	-1.779	0	%100
83	MP2A	X	-3.081	-3.081	0	%100
84	MP2A	Z	-1.779	-1.779	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,%]
85	MP3A	X	-3.343	-3.343	0	%100
86	MP3A	Z	-1.93	-1.93	0	%100
87	MP4A	X	-3.081	-3.081	0	%100
88	MP4A	Z	-1.779	-1.779	0	%100
89	MP1C	X	-3.081	-3.081	0	%100
90	MP1C	Z	-1.779	-1.779	0	%100
91	MP2C	X	-3.081	-3.081	0	%100
92	MP2C	Z	-1.779	-1.779	0	%100
93	MP3C	X	-3.343	-3.343	0	%100
94	MP3C	Z	-1.93	-1.93	0	%100
95	MP4C	X	-3.081	-3.081	0	%100
96	MP4C	Z	-1.779	-1.779	0	%100
97	MP1B	X	-3.081	-3.081	0	%100
98	MP1B	Z	-1.779	-1.779	0	%100
99	MP2B	X	-3.081	-3.081	0	%100
100	MP2B	Z	-1.779	-1.779	0	%100
101	MP3B	X	-3.343	-3.343	0	%100
102	MP3B	Z	-1.93	-1.93	0	%100
103	MP4B	X	-3.081	-3.081	0	%100
104	MP4B	Z	-1.779	-1.779	0	%100
105	M125A	X	-.918	-.918	0	%100
106	M125A	Z	-.53	-.53	0	%100
107	M126A	X	-3.67	-3.67	0	%100
108	M126A	Z	-2.119	-2.119	0	%100
109	M127A	X	-.657	-.657	0	%100
110	M127A	Z	-.379	-.379	0	%100
111	M128A	X	-.657	-.657	0	%100
112	M128A	Z	-.379	-.379	0	%100
113	M129A	X	-2.627	-2.627	0	%100
114	M129A	Z	-1.517	-1.517	0	%100
115	OVP	X	-2.353	-2.353	0	%100
116	OVP	Z	-1.359	-1.359	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	M100	X	-.498	-.498	0	%100
2	M100	Z	-.863	-.863	0	%100
3	M101	X	-1.229	-1.229	0	%100
4	M101	Z	-2.129	-2.129	0	%100
5	M102	X	-1.229	-1.229	0	%100
6	M102	Z	-2.129	-2.129	0	%100
7	M103	X	-1.84	-1.84	0	%100
8	M103	Z	-3.187	-3.187	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-1.393	-1.393	0	%100
12	M107	Z	-2.412	-2.412	0	%100
13	M111	X	-.608	-.608	0	%100
14	M111	Z	-1.053	-1.053	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-.608	-.608	0	%100
20	M116	Z	-1.053	-1.053	0	%100
21	M117	X	-1.85	-1.85	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,%]
22	M117	Z	-3.204	-3.204	0	%100
23	M119	X	-1.925	-1.925	0	%100
24	M119	Z	-3.335	-3.335	0	%100
25	M124	X	-1.993	-1.993	0	%100
26	M124	Z	-3.452	-3.452	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-1.393	-1.393	0	%100
34	M130	Z	-2.412	-2.412	0	%100
35	M131	X	-1.393	-1.393	0	%100
36	M131	Z	-2.412	-2.412	0	%100
37	M135	X	-2.433	-2.433	0	%100
38	M135	Z	-4.214	-4.214	0	%100
39	M136	X	-1.85	-1.85	0	%100
40	M136	Z	-3.204	-3.204	0	%100
41	M138	X	-1.925	-1.925	0	%100
42	M138	Z	-3.335	-3.335	0	%100
43	M140	X	-2.433	-2.433	0	%100
44	M140	Z	-4.214	-4.214	0	%100
45	M141	X	-1.85	-1.85	0	%100
46	M141	Z	-3.204	-3.204	0	%100
47	M143	X	-1.925	-1.925	0	%100
48	M143	Z	-3.335	-3.335	0	%100
49	M148	X	-.498	-.498	0	%100
50	M148	Z	-.863	-.863	0	%100
51	M149	X	-1.229	-1.229	0	%100
52	M149	Z	-2.129	-2.129	0	%100
53	M150	X	-1.229	-1.229	0	%100
54	M150	Z	-2.129	-2.129	0	%100
55	M151	X	-1.84	-1.84	0	%100
56	M151	Z	-3.187	-3.187	0	%100
57	M154	X	-1.393	-1.393	0	%100
58	M154	Z	-2.412	-2.412	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-.608	-.608	0	%100
62	M159	Z	-1.053	-1.053	0	%100
63	M160	X	-1.85	-1.85	0	%100
64	M160	Z	-3.204	-3.204	0	%100
65	M162	X	-1.925	-1.925	0	%100
66	M162	Z	-3.335	-3.335	0	%100
67	M164	X	-.608	-.608	0	%100
68	M164	Z	-1.053	-1.053	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	-1.589	-1.589	0	%100
74	M172	Z	-2.753	-2.753	0	%100
75	MP1A	X	-1.779	-1.779	0	%100
76	MP1A	Z	-3.081	-3.081	0	%100
77	M82	X	-1.334	-1.334	0	%100
78	M82	Z	-2.311	-2.311	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,%]
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-1.334	-1.334	0	%100
82	M88	Z	-2.311	-2.311	0	%100
83	MP2A	X	-1.779	-1.779	0	%100
84	MP2A	Z	-3.081	-3.081	0	%100
85	MP3A	X	-1.93	-1.93	0	%100
86	MP3A	Z	-3.343	-3.343	0	%100
87	MP4A	X	-1.779	-1.779	0	%100
88	MP4A	Z	-3.081	-3.081	0	%100
89	MP1C	X	-1.779	-1.779	0	%100
90	MP1C	Z	-3.081	-3.081	0	%100
91	MP2C	X	-1.779	-1.779	0	%100
92	MP2C	Z	-3.081	-3.081	0	%100
93	MP3C	X	-1.93	-1.93	0	%100
94	MP3C	Z	-3.343	-3.343	0	%100
95	MP4C	X	-1.779	-1.779	0	%100
96	MP4C	Z	-3.081	-3.081	0	%100
97	MP1B	X	-1.779	-1.779	0	%100
98	MP1B	Z	-3.081	-3.081	0	%100
99	MP2B	X	-1.779	-1.779	0	%100
100	MP2B	Z	-3.081	-3.081	0	%100
101	MP3B	X	-1.93	-1.93	0	%100
102	MP3B	Z	-3.343	-3.343	0	%100
103	MP4B	X	-1.779	-1.779	0	%100
104	MP4B	Z	-3.081	-3.081	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-1.589	-1.589	0	%100
108	M126A	Z	-2.753	-2.753	0	%100
109	M127A	X	-1.137	-1.137	0	%100
110	M127A	Z	-1.97	-1.97	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-1.137	-1.137	0	%100
114	M129A	Z	-1.97	-1.97	0	%100
115	OVP	X	-1.359	-1.359	0	%100
116	OVP	Z	-2.353	-2.353	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	-.655	-.655	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-.655	-.655	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-1.306	-1.306	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	-.181	-.181	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-.181	-.181	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	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	M112	Z	-.333	-.333	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	-.35	-.35	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	-.333	-.333	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	-.35	-.35	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	-.58	-.58	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	-.164	-.164	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-.164	-.164	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-.327	-.327	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	-.181	-.181	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	-.725	-.725	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	-.98	-.98	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	-.333	-.333	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	-.35	-.35	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	-.98	-.98	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	-1.33	-1.33	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	-1.401	-1.401	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	-.58	-.58	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	-.164	-.164	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-.164	-.164	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-.327	-.327	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	-.725	-.725	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	-.181	-.181	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	-.98	-.98	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	-1.33	-1.33	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	-1.401	-1.401	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	-.98	-.98	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	-.333	-.333	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	-.35	-.35	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	M172	X	0	0	0	%100
74	M172	Z	-.762	-.762	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-.517	-.517	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	-.517	-.517	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	-.129	-.129	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	-.129	-.129	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-.517	-.517	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-.626	-.626	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-.517	-.517	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.517	-.517	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.517	-.517	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-.626	-.626	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-.517	-.517	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-.517	-.517	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.517	-.517	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-.626	-.626	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-.517	-.517	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	-.19	-.19	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	-.19	-.19	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	-.619	-.619	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	-.155	-.155	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	-.155	-.155	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-.423	-.423	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	M100	X	.097	.097	0	%100
2	M100	Z	-.168	-.168	0	%100
3	M101	X	.246	.246	0	%100
4	M101	Z	-.425	-.425	0	%100
5	M102	X	.246	.246	0	%100
6	M102	Z	-.425	-.425	0	%100
7	M103	X	.49	.49	0	%100
8	M103	Z	-.848	-.848	0	%100
9	M106	X	.272	.272	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,%]
10	M106	Z	-.471	-.471	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	.163	.163	0	%100
14	M111	Z	-.283	-.283	0	%100
15	M112	X	.499	.499	0	%100
16	M112	Z	-.864	-.864	0	%100
17	M114	X	.525	.525	0	%100
18	M114	Z	-.91	-.91	0	%100
19	M116	X	.163	.163	0	%100
20	M116	Z	-.283	-.283	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.097	.097	0	%100
26	M124	Z	-.168	-.168	0	%100
27	M125	X	.246	.246	0	%100
28	M125	Z	-.425	-.425	0	%100
29	M126	X	.246	.246	0	%100
30	M126	Z	-.425	-.425	0	%100
31	M127	X	.49	.49	0	%100
32	M127	Z	-.848	-.848	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	.272	.272	0	%100
36	M131	Z	-.471	-.471	0	%100
37	M135	X	.163	.163	0	%100
38	M135	Z	-.283	-.283	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	.163	.163	0	%100
44	M140	Z	-.283	-.283	0	%100
45	M141	X	.499	.499	0	%100
46	M141	Z	-.864	-.864	0	%100
47	M143	X	.525	.525	0	%100
48	M143	Z	-.91	-.91	0	%100
49	M148	X	.387	.387	0	%100
50	M148	Z	-.67	-.67	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	.272	.272	0	%100
58	M154	Z	-.471	-.471	0	%100
59	M155	X	.272	.272	0	%100
60	M155	Z	-.471	-.471	0	%100
61	M159	X	.653	.653	0	%100
62	M159	Z	-1.131	-1.131	0	%100
63	M160	X	.499	.499	0	%100
64	M160	Z	-.864	-.864	0	%100
65	M162	X	.525	.525	0	%100
66	M162	Z	-.91	-.91	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,%]
67	M164	X	.653	.653	0	%100
68	M164	Z	-1.131	-1.131	0	%100
69	M165	X	.499	.499	0	%100
70	M165	Z	-.864	-.864	0	%100
71	M167	X	.525	.525	0	%100
72	M167	Z	-.91	-.91	0	%100
73	M172	X	.286	.286	0	%100
74	M172	Z	-.495	-.495	0	%100
75	MP1A	X	.258	.258	0	%100
76	MP1A	Z	-.448	-.448	0	%100
77	M82	X	.194	.194	0	%100
78	M82	Z	-.336	-.336	0	%100
79	M87	X	.194	.194	0	%100
80	M87	Z	-.336	-.336	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	.258	.258	0	%100
84	MP2A	Z	-.448	-.448	0	%100
85	MP3A	X	.313	.313	0	%100
86	MP3A	Z	-.542	-.542	0	%100
87	MP4A	X	.258	.258	0	%100
88	MP4A	Z	-.448	-.448	0	%100
89	MP1C	X	.258	.258	0	%100
90	MP1C	Z	-.448	-.448	0	%100
91	MP2C	X	.258	.258	0	%100
92	MP2C	Z	-.448	-.448	0	%100
93	MP3C	X	.313	.313	0	%100
94	MP3C	Z	-.542	-.542	0	%100
95	MP4C	X	.258	.258	0	%100
96	MP4C	Z	-.448	-.448	0	%100
97	MP1B	X	.258	.258	0	%100
98	MP1B	Z	-.448	-.448	0	%100
99	MP2B	X	.258	.258	0	%100
100	MP2B	Z	-.448	-.448	0	%100
101	MP3B	X	.313	.313	0	%100
102	MP3B	Z	-.542	-.542	0	%100
103	MP4B	X	.258	.258	0	%100
104	MP4B	Z	-.448	-.448	0	%100
105	M125A	X	.286	.286	0	%100
106	M125A	Z	-.495	-.495	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	.232	.232	0	%100
110	M127A	Z	-.402	-.402	0	%100
111	M128A	X	.232	.232	0	%100
112	M128A	Z	-.402	-.402	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	.211	.211	0	%100
116	OVP	Z	-.366	-.366	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	M100	X	.503	.503	0	%100
2	M100	Z	-.29	-.29	0	%100
3	M101	X	.142	.142	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,%]
4	M101	Z	-.082	-.082	0	%100
5	M102	X	.142	.142	0	%100
6	M102	Z	-.082	-.082	0	%100
7	M103	X	.283	.283	0	%100
8	M103	Z	-.163	-.163	0	%100
9	M106	X	.628	.628	0	%100
10	M106	Z	-.363	-.363	0	%100
11	M107	X	.157	.157	0	%100
12	M107	Z	-.091	-.091	0	%100
13	M111	X	.848	.848	0	%100
14	M111	Z	-.49	-.49	0	%100
15	M112	X	1.152	1.152	0	%100
16	M112	Z	-.665	-.665	0	%100
17	M114	X	1.213	1.213	0	%100
18	M114	Z	-.701	-.701	0	%100
19	M116	X	.848	.848	0	%100
20	M116	Z	-.49	-.49	0	%100
21	M117	X	.288	.288	0	%100
22	M117	Z	-.166	-.166	0	%100
23	M119	X	.303	.303	0	%100
24	M119	Z	-.175	-.175	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	.567	.567	0	%100
28	M125	Z	-.327	-.327	0	%100
29	M126	X	.567	.567	0	%100
30	M126	Z	-.327	-.327	0	%100
31	M127	X	1.131	1.131	0	%100
32	M127	Z	-.653	-.653	0	%100
33	M130	X	.157	.157	0	%100
34	M130	Z	-.091	-.091	0	%100
35	M131	X	.157	.157	0	%100
36	M131	Z	-.091	-.091	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	.288	.288	0	%100
40	M136	Z	-.166	-.166	0	%100
41	M138	X	.303	.303	0	%100
42	M138	Z	-.175	-.175	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	.288	.288	0	%100
46	M141	Z	-.166	-.166	0	%100
47	M143	X	.303	.303	0	%100
48	M143	Z	-.175	-.175	0	%100
49	M148	X	.503	.503	0	%100
50	M148	Z	-.29	-.29	0	%100
51	M149	X	.142	.142	0	%100
52	M149	Z	-.082	-.082	0	%100
53	M150	X	.142	.142	0	%100
54	M150	Z	-.082	-.082	0	%100
55	M151	X	.283	.283	0	%100
56	M151	Z	-.163	-.163	0	%100
57	M154	X	.157	.157	0	%100
58	M154	Z	-.091	-.091	0	%100
59	M155	X	.628	.628	0	%100
60	M155	Z	-.363	-.363	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,%]
61	M159	X	.848	.848	0	%100
62	M159	Z	-.49	-.49	0	%100
63	M160	X	.288	.288	0	%100
64	M160	Z	-.166	-.166	0	%100
65	M162	X	.303	.303	0	%100
66	M162	Z	-.175	-.175	0	%100
67	M164	X	.848	.848	0	%100
68	M164	Z	-.49	-.49	0	%100
69	M165	X	1.152	1.152	0	%100
70	M165	Z	-.665	-.665	0	%100
71	M167	X	1.213	1.213	0	%100
72	M167	Z	-.701	-.701	0	%100
73	M172	X	.165	.165	0	%100
74	M172	Z	-.095	-.095	0	%100
75	MP1A	X	.448	.448	0	%100
76	MP1A	Z	-.258	-.258	0	%100
77	M82	X	.112	.112	0	%100
78	M82	Z	-.065	-.065	0	%100
79	M87	X	.448	.448	0	%100
80	M87	Z	-.258	-.258	0	%100
81	M88	X	.112	.112	0	%100
82	M88	Z	-.065	-.065	0	%100
83	MP2A	X	.448	.448	0	%100
84	MP2A	Z	-.258	-.258	0	%100
85	MP3A	X	.542	.542	0	%100
86	MP3A	Z	-.313	-.313	0	%100
87	MP4A	X	.448	.448	0	%100
88	MP4A	Z	-.258	-.258	0	%100
89	MP1C	X	.448	.448	0	%100
90	MP1C	Z	-.258	-.258	0	%100
91	MP2C	X	.448	.448	0	%100
92	MP2C	Z	-.258	-.258	0	%100
93	MP3C	X	.542	.542	0	%100
94	MP3C	Z	-.313	-.313	0	%100
95	MP4C	X	.448	.448	0	%100
96	MP4C	Z	-.258	-.258	0	%100
97	MP1B	X	.448	.448	0	%100
98	MP1B	Z	-.258	-.258	0	%100
99	MP2B	X	.448	.448	0	%100
100	MP2B	Z	-.258	-.258	0	%100
101	MP3B	X	.542	.542	0	%100
102	MP3B	Z	-.313	-.313	0	%100
103	MP4B	X	.448	.448	0	%100
104	MP4B	Z	-.258	-.258	0	%100
105	M125A	X	.66	.66	0	%100
106	M125A	Z	-.381	-.381	0	%100
107	M126A	X	.165	.165	0	%100
108	M126A	Z	-.095	-.095	0	%100
109	M127A	X	.134	.134	0	%100
110	M127A	Z	-.077	-.077	0	%100
111	M128A	X	.536	.536	0	%100
112	M128A	Z	-.31	-.31	0	%100
113	M129A	X	.134	.134	0	%100
114	M129A	Z	-.077	-.077	0	%100
115	OVP	X	.366	.366	0	%100
116	OVP	Z	-.211	-.211	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	M100	X	.774	.774	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	.544	.544	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	.544	.544	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	1.306	1.306	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	.998	.998	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	1.051	1.051	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	1.306	1.306	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	.998	.998	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	1.051	1.051	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.193	.193	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	.491	.491	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	.491	.491	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	.98	.98	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	.544	.544	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	.327	.327	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	.998	.998	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	1.051	1.051	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	.327	.327	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	.193	.193	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	.491	.491	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	.491	.491	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	.98	.98	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	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,%]
58	M154	Z	0	0	0	%100
59	M155	X	.544	.544	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	.327	.327	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	.327	.327	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	.998	.998	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	1.051	1.051	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	.517	.517	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	.388	.388	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	.388	.388	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	.517	.517	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	.626	.626	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	.517	.517	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	.517	.517	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	.517	.517	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	.626	.626	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	.517	.517	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	.517	.517	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	.517	.517	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	.626	.626	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	.517	.517	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	.571	.571	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	.571	.571	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	.464	.464	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	.464	.464	0	%100
114	M129A	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,%]
115	OVP	X	.423	.423	0	%100
116	OVP	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	M100	X	.503	.503	0	%100
2	M100	Z	.29	.29	0	%100
3	M101	X	.142	.142	0	%100
4	M101	Z	.082	.082	0	%100
5	M102	X	.142	.142	0	%100
6	M102	Z	.082	.082	0	%100
7	M103	X	.283	.283	0	%100
8	M103	Z	.163	.163	0	%100
9	M106	X	.157	.157	0	%100
10	M106	Z	.091	.091	0	%100
11	M107	X	.628	.628	0	%100
12	M107	Z	.363	.363	0	%100
13	M111	X	.848	.848	0	%100
14	M111	Z	.49	.49	0	%100
15	M112	X	.288	.288	0	%100
16	M112	Z	.166	.166	0	%100
17	M114	X	.303	.303	0	%100
18	M114	Z	.175	.175	0	%100
19	M116	X	.848	.848	0	%100
20	M116	Z	.49	.49	0	%100
21	M117	X	1.152	1.152	0	%100
22	M117	Z	.665	.665	0	%100
23	M119	X	1.213	1.213	0	%100
24	M119	Z	.701	.701	0	%100
25	M124	X	.503	.503	0	%100
26	M124	Z	.29	.29	0	%100
27	M125	X	.142	.142	0	%100
28	M125	Z	.082	.082	0	%100
29	M126	X	.142	.142	0	%100
30	M126	Z	.082	.082	0	%100
31	M127	X	.283	.283	0	%100
32	M127	Z	.163	.163	0	%100
33	M130	X	.628	.628	0	%100
34	M130	Z	.363	.363	0	%100
35	M131	X	.157	.157	0	%100
36	M131	Z	.091	.091	0	%100
37	M135	X	.848	.848	0	%100
38	M135	Z	.49	.49	0	%100
39	M136	X	1.152	1.152	0	%100
40	M136	Z	.665	.665	0	%100
41	M138	X	1.213	1.213	0	%100
42	M138	Z	.701	.701	0	%100
43	M140	X	.848	.848	0	%100
44	M140	Z	.49	.49	0	%100
45	M141	X	.288	.288	0	%100
46	M141	Z	.166	.166	0	%100
47	M143	X	.303	.303	0	%100
48	M143	Z	.175	.175	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	.567	.567	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,%]
52	M149	Z	.327	.327	0	%100
53	M150	X	.567	.567	0	%100
54	M150	Z	.327	.327	0	%100
55	M151	X	1.131	1.131	0	%100
56	M151	Z	.653	.653	0	%100
57	M154	X	.157	.157	0	%100
58	M154	Z	.091	.091	0	%100
59	M155	X	.157	.157	0	%100
60	M155	Z	.091	.091	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	.288	.288	0	%100
64	M160	Z	.166	.166	0	%100
65	M162	X	.303	.303	0	%100
66	M162	Z	.175	.175	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	.288	.288	0	%100
70	M165	Z	.166	.166	0	%100
71	M167	X	.303	.303	0	%100
72	M167	Z	.175	.175	0	%100
73	M172	X	.165	.165	0	%100
74	M172	Z	.095	.095	0	%100
75	MP1A	X	.448	.448	0	%100
76	MP1A	Z	.258	.258	0	%100
77	M82	X	.112	.112	0	%100
78	M82	Z	.065	.065	0	%100
79	M87	X	.112	.112	0	%100
80	M87	Z	.065	.065	0	%100
81	M88	X	.448	.448	0	%100
82	M88	Z	.258	.258	0	%100
83	MP2A	X	.448	.448	0	%100
84	MP2A	Z	.258	.258	0	%100
85	MP3A	X	.542	.542	0	%100
86	MP3A	Z	.313	.313	0	%100
87	MP4A	X	.448	.448	0	%100
88	MP4A	Z	.258	.258	0	%100
89	MP1C	X	.448	.448	0	%100
90	MP1C	Z	.258	.258	0	%100
91	MP2C	X	.448	.448	0	%100
92	MP2C	Z	.258	.258	0	%100
93	MP3C	X	.542	.542	0	%100
94	MP3C	Z	.313	.313	0	%100
95	MP4C	X	.448	.448	0	%100
96	MP4C	Z	.258	.258	0	%100
97	MP1B	X	.448	.448	0	%100
98	MP1B	Z	.258	.258	0	%100
99	MP2B	X	.448	.448	0	%100
100	MP2B	Z	.258	.258	0	%100
101	MP3B	X	.542	.542	0	%100
102	MP3B	Z	.313	.313	0	%100
103	MP4B	X	.448	.448	0	%100
104	MP4B	Z	.258	.258	0	%100
105	M125A	X	.165	.165	0	%100
106	M125A	Z	.095	.095	0	%100
107	M126A	X	.66	.66	0	%100
108	M126A	Z	.381	.381	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,%]
109	M127A	X	.134	.134	0	%100
110	M127A	Z	.077	.077	0	%100
111	M128A	X	.134	.134	0	%100
112	M128A	Z	.077	.077	0	%100
113	M129A	X	.536	.536	0	%100
114	M129A	Z	.31	.31	0	%100
115	OVP	X	.366	.366	0	%100
116	OVP	Z	.211	.211	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	M100	X	.097	.097	0	%100
2	M100	Z	.168	.168	0	%100
3	M101	X	.246	.246	0	%100
4	M101	Z	.425	.425	0	%100
5	M102	X	.246	.246	0	%100
6	M102	Z	.425	.425	0	%100
7	M103	X	.49	.49	0	%100
8	M103	Z	.848	.848	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	.272	.272	0	%100
12	M107	Z	.471	.471	0	%100
13	M111	X	.163	.163	0	%100
14	M111	Z	.283	.283	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	.163	.163	0	%100
20	M116	Z	.283	.283	0	%100
21	M117	X	.499	.499	0	%100
22	M117	Z	.864	.864	0	%100
23	M119	X	.525	.525	0	%100
24	M119	Z	.91	.91	0	%100
25	M124	X	.387	.387	0	%100
26	M124	Z	.67	.67	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	.272	.272	0	%100
34	M130	Z	.471	.471	0	%100
35	M131	X	.272	.272	0	%100
36	M131	Z	.471	.471	0	%100
37	M135	X	.653	.653	0	%100
38	M135	Z	1.131	1.131	0	%100
39	M136	X	.499	.499	0	%100
40	M136	Z	.864	.864	0	%100
41	M138	X	.525	.525	0	%100
42	M138	Z	.91	.91	0	%100
43	M140	X	.653	.653	0	%100
44	M140	Z	1.131	1.131	0	%100
45	M141	X	.499	.499	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,%]
46	M141	Z	.864	.864	0	%100
47	M143	X	.525	.525	0	%100
48	M143	Z	.91	.91	0	%100
49	M148	X	.097	.097	0	%100
50	M148	Z	.168	.168	0	%100
51	M149	X	.246	.246	0	%100
52	M149	Z	.425	.425	0	%100
53	M150	X	.246	.246	0	%100
54	M150	Z	.425	.425	0	%100
55	M151	X	.49	.49	0	%100
56	M151	Z	.848	.848	0	%100
57	M154	X	.272	.272	0	%100
58	M154	Z	.471	.471	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	.163	.163	0	%100
62	M159	Z	.283	.283	0	%100
63	M160	X	.499	.499	0	%100
64	M160	Z	.864	.864	0	%100
65	M162	X	.525	.525	0	%100
66	M162	Z	.91	.91	0	%100
67	M164	X	.163	.163	0	%100
68	M164	Z	.283	.283	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	.286	.286	0	%100
74	M172	Z	.495	.495	0	%100
75	MP1A	X	.258	.258	0	%100
76	MP1A	Z	.448	.448	0	%100
77	M82	X	.194	.194	0	%100
78	M82	Z	.336	.336	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	.194	.194	0	%100
82	M88	Z	.336	.336	0	%100
83	MP2A	X	.258	.258	0	%100
84	MP2A	Z	.448	.448	0	%100
85	MP3A	X	.313	.313	0	%100
86	MP3A	Z	.542	.542	0	%100
87	MP4A	X	.258	.258	0	%100
88	MP4A	Z	.448	.448	0	%100
89	MP1C	X	.258	.258	0	%100
90	MP1C	Z	.448	.448	0	%100
91	MP2C	X	.258	.258	0	%100
92	MP2C	Z	.448	.448	0	%100
93	MP3C	X	.313	.313	0	%100
94	MP3C	Z	.542	.542	0	%100
95	MP4C	X	.258	.258	0	%100
96	MP4C	Z	.448	.448	0	%100
97	MP1B	X	.258	.258	0	%100
98	MP1B	Z	.448	.448	0	%100
99	MP2B	X	.258	.258	0	%100
100	MP2B	Z	.448	.448	0	%100
101	MP3B	X	.313	.313	0	%100
102	MP3B	Z	.542	.542	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,%]
103	MP4B	X	.258	.258	0	%100
104	MP4B	Z	.448	.448	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	.286	.286	0	%100
108	M126A	Z	.495	.495	0	%100
109	M127A	X	.232	.232	0	%100
110	M127A	Z	.402	.402	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	.232	.232	0	%100
114	M129A	Z	.402	.402	0	%100
115	OVP	X	.211	.211	0	%100
116	OVP	Z	.366	.366	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	.655	.655	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	.655	.655	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	1.306	1.306	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	.181	.181	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	.181	.181	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	.333	.333	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	.35	.35	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	.333	.333	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	.35	.35	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	.58	.58	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	.164	.164	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	.164	.164	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	.327	.327	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	.181	.181	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	.725	.725	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	.98	.98	0	%100
39	M136	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,%]
40	M136	Z	.333	.333	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	.35	.35	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	.98	.98	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	1.33	1.33	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	1.401	1.401	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	.58	.58	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	.164	.164	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	.164	.164	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	.327	.327	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	.725	.725	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	.181	.181	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	.98	.98	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	1.33	1.33	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	1.401	1.401	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	.98	.98	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	.333	.333	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	.35	.35	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	.762	.762	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	.517	.517	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	.517	.517	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	.129	.129	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	.129	.129	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	.517	.517	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	.626	.626	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	.517	.517	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.517	.517	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.517	.517	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.626	.626	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	.517	.517	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,%]
97	MP1B	X	0	0	0	%100
98	MP1B	Z	.517	.517	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.517	.517	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	.626	.626	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	.517	.517	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	.19	.19	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	.19	.19	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	.619	.619	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	.155	.155	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	.155	.155	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	.423	.423	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	M100	X	-.097	-.097	0	%100
2	M100	Z	.168	.168	0	%100
3	M101	X	-.246	-.246	0	%100
4	M101	Z	.425	.425	0	%100
5	M102	X	-.246	-.246	0	%100
6	M102	Z	.425	.425	0	%100
7	M103	X	-.49	-.49	0	%100
8	M103	Z	.848	.848	0	%100
9	M106	X	-.272	-.272	0	%100
10	M106	Z	.471	.471	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-.163	-.163	0	%100
14	M111	Z	.283	.283	0	%100
15	M112	X	-.499	-.499	0	%100
16	M112	Z	.864	.864	0	%100
17	M114	X	-.525	-.525	0	%100
18	M114	Z	.91	.91	0	%100
19	M116	X	-.163	-.163	0	%100
20	M116	Z	.283	.283	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.097	-.097	0	%100
26	M124	Z	.168	.168	0	%100
27	M125	X	-.246	-.246	0	%100
28	M125	Z	.425	.425	0	%100
29	M126	X	-.246	-.246	0	%100
30	M126	Z	.425	.425	0	%100
31	M127	X	-.49	-.49	0	%100
32	M127	Z	.848	.848	0	%100
33	M130	X	0	0	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,%]
34	M130	Z	0	0	0	%100
35	M131	X	-.272	-.272	0	%100
36	M131	Z	.471	.471	0	%100
37	M135	X	-.163	-.163	0	%100
38	M135	Z	.283	.283	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-.163	-.163	0	%100
44	M140	Z	.283	.283	0	%100
45	M141	X	-.499	-.499	0	%100
46	M141	Z	.864	.864	0	%100
47	M143	X	-.525	-.525	0	%100
48	M143	Z	.91	.91	0	%100
49	M148	X	-.387	-.387	0	%100
50	M148	Z	.67	.67	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	-.272	-.272	0	%100
58	M154	Z	.471	.471	0	%100
59	M155	X	-.272	-.272	0	%100
60	M155	Z	.471	.471	0	%100
61	M159	X	-.653	-.653	0	%100
62	M159	Z	1.131	1.131	0	%100
63	M160	X	-.499	-.499	0	%100
64	M160	Z	.864	.864	0	%100
65	M162	X	-.525	-.525	0	%100
66	M162	Z	.91	.91	0	%100
67	M164	X	-.653	-.653	0	%100
68	M164	Z	1.131	1.131	0	%100
69	M165	X	-.499	-.499	0	%100
70	M165	Z	.864	.864	0	%100
71	M167	X	-.525	-.525	0	%100
72	M167	Z	.91	.91	0	%100
73	M172	X	-.286	-.286	0	%100
74	M172	Z	.495	.495	0	%100
75	MP1A	X	-.258	-.258	0	%100
76	MP1A	Z	.448	.448	0	%100
77	M82	X	-.194	-.194	0	%100
78	M82	Z	.336	.336	0	%100
79	M87	X	-.194	-.194	0	%100
80	M87	Z	.336	.336	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-.258	-.258	0	%100
84	MP2A	Z	.448	.448	0	%100
85	MP3A	X	-.313	-.313	0	%100
86	MP3A	Z	.542	.542	0	%100
87	MP4A	X	-.258	-.258	0	%100
88	MP4A	Z	.448	.448	0	%100
89	MP1C	X	-.258	-.258	0	%100
90	MP1C	Z	.448	.448	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,%]
91	MP2C	X	-.258	-.258	0	%100
92	MP2C	Z	.448	.448	0	%100
93	MP3C	X	-.313	-.313	0	%100
94	MP3C	Z	.542	.542	0	%100
95	MP4C	X	-.258	-.258	0	%100
96	MP4C	Z	.448	.448	0	%100
97	MP1B	X	-.258	-.258	0	%100
98	MP1B	Z	.448	.448	0	%100
99	MP2B	X	-.258	-.258	0	%100
100	MP2B	Z	.448	.448	0	%100
101	MP3B	X	-.313	-.313	0	%100
102	MP3B	Z	.542	.542	0	%100
103	MP4B	X	-.258	-.258	0	%100
104	MP4B	Z	.448	.448	0	%100
105	M125A	X	-.286	-.286	0	%100
106	M125A	Z	.495	.495	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	-.232	-.232	0	%100
110	M127A	Z	.402	.402	0	%100
111	M128A	X	-.232	-.232	0	%100
112	M128A	Z	.402	.402	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	-.211	-.211	0	%100
116	OVP	Z	.366	.366	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	M100	X	-.503	-.503	0	%100
2	M100	Z	.29	.29	0	%100
3	M101	X	-.142	-.142	0	%100
4	M101	Z	.082	.082	0	%100
5	M102	X	-.142	-.142	0	%100
6	M102	Z	.082	.082	0	%100
7	M103	X	-.283	-.283	0	%100
8	M103	Z	.163	.163	0	%100
9	M106	X	-.628	-.628	0	%100
10	M106	Z	.363	.363	0	%100
11	M107	X	-.157	-.157	0	%100
12	M107	Z	.091	.091	0	%100
13	M111	X	-.848	-.848	0	%100
14	M111	Z	.49	.49	0	%100
15	M112	X	-1.152	-1.152	0	%100
16	M112	Z	.665	.665	0	%100
17	M114	X	-1.213	-1.213	0	%100
18	M114	Z	.701	.701	0	%100
19	M116	X	-.848	-.848	0	%100
20	M116	Z	.49	.49	0	%100
21	M117	X	-.288	-.288	0	%100
22	M117	Z	.166	.166	0	%100
23	M119	X	-.303	-.303	0	%100
24	M119	Z	.175	.175	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-.567	-.567	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,%]
28	M125	Z	.327	.327	0	%100
29	M126	X	-.567	-.567	0	%100
30	M126	Z	.327	.327	0	%100
31	M127	X	-1.131	-1.131	0	%100
32	M127	Z	.653	.653	0	%100
33	M130	X	-.157	-.157	0	%100
34	M130	Z	.091	.091	0	%100
35	M131	X	-.157	-.157	0	%100
36	M131	Z	.091	.091	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-.288	-.288	0	%100
40	M136	Z	.166	.166	0	%100
41	M138	X	-.303	-.303	0	%100
42	M138	Z	.175	.175	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	-.288	-.288	0	%100
46	M141	Z	.166	.166	0	%100
47	M143	X	-.303	-.303	0	%100
48	M143	Z	.175	.175	0	%100
49	M148	X	-.503	-.503	0	%100
50	M148	Z	.29	.29	0	%100
51	M149	X	-.142	-.142	0	%100
52	M149	Z	.082	.082	0	%100
53	M150	X	-.142	-.142	0	%100
54	M150	Z	.082	.082	0	%100
55	M151	X	-.283	-.283	0	%100
56	M151	Z	.163	.163	0	%100
57	M154	X	-.157	-.157	0	%100
58	M154	Z	.091	.091	0	%100
59	M155	X	-.628	-.628	0	%100
60	M155	Z	.363	.363	0	%100
61	M159	X	-.848	-.848	0	%100
62	M159	Z	.49	.49	0	%100
63	M160	X	-.288	-.288	0	%100
64	M160	Z	.166	.166	0	%100
65	M162	X	-.303	-.303	0	%100
66	M162	Z	.175	.175	0	%100
67	M164	X	-.848	-.848	0	%100
68	M164	Z	.49	.49	0	%100
69	M165	X	-1.152	-1.152	0	%100
70	M165	Z	.665	.665	0	%100
71	M167	X	-1.213	-1.213	0	%100
72	M167	Z	.701	.701	0	%100
73	M172	X	-.165	-.165	0	%100
74	M172	Z	.095	.095	0	%100
75	MP1A	X	-.448	-.448	0	%100
76	MP1A	Z	.258	.258	0	%100
77	M82	X	-.112	-.112	0	%100
78	M82	Z	.065	.065	0	%100
79	M87	X	-.448	-.448	0	%100
80	M87	Z	.258	.258	0	%100
81	M88	X	-.112	-.112	0	%100
82	M88	Z	.065	.065	0	%100
83	MP2A	X	-.448	-.448	0	%100
84	MP2A	Z	.258	.258	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,%]
85	MP3A	X	-.542	-.542	0	%100
86	MP3A	Z	.313	.313	0	%100
87	MP4A	X	-.448	-.448	0	%100
88	MP4A	Z	.258	.258	0	%100
89	MP1C	X	-.448	-.448	0	%100
90	MP1C	Z	.258	.258	0	%100
91	MP2C	X	-.448	-.448	0	%100
92	MP2C	Z	.258	.258	0	%100
93	MP3C	X	-.542	-.542	0	%100
94	MP3C	Z	.313	.313	0	%100
95	MP4C	X	-.448	-.448	0	%100
96	MP4C	Z	.258	.258	0	%100
97	MP1B	X	-.448	-.448	0	%100
98	MP1B	Z	.258	.258	0	%100
99	MP2B	X	-.448	-.448	0	%100
100	MP2B	Z	.258	.258	0	%100
101	MP3B	X	-.542	-.542	0	%100
102	MP3B	Z	.313	.313	0	%100
103	MP4B	X	-.448	-.448	0	%100
104	MP4B	Z	.258	.258	0	%100
105	M125A	X	-.66	-.66	0	%100
106	M125A	Z	.381	.381	0	%100
107	M126A	X	-.165	-.165	0	%100
108	M126A	Z	.095	.095	0	%100
109	M127A	X	-.134	-.134	0	%100
110	M127A	Z	.077	.077	0	%100
111	M128A	X	-.536	-.536	0	%100
112	M128A	Z	.31	.31	0	%100
113	M129A	X	-.134	-.134	0	%100
114	M129A	Z	.077	.077	0	%100
115	OVP	X	-.366	-.366	0	%100
116	OVP	Z	.211	.211	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	M100	X	-.774	-.774	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	-.544	-.544	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-.544	-.544	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-1.306	-1.306	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	-.998	-.998	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	-1.051	-1.051	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-1.306	-1.306	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	-.998	-.998	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,%]
22	M117	Z	0	0	0	%100
23	M119	X	-1.051	-1.051	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.193	-.193	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-.491	-.491	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-.491	-.491	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-.98	-.98	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-.544	-.544	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	-.327	-.327	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-.998	-.998	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	-1.051	-1.051	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-.327	-.327	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	-.193	-.193	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-.491	-.491	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	-.491	-.491	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-.98	-.98	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	-.544	-.544	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-.327	-.327	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	-.327	-.327	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-.998	-.998	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	-1.051	-1.051	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	-.517	-.517	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	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,%]
79	M87	X	-.388	-.388	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-.388	-.388	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-.517	-.517	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-.626	-.626	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-.517	-.517	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-.517	-.517	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-.517	-.517	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-.626	-.626	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-.517	-.517	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-.517	-.517	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-.517	-.517	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-.626	-.626	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-.517	-.517	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	-.571	-.571	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-.571	-.571	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	-.464	-.464	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-.464	-.464	0	%100
114	M129A	Z	0	0	0	%100
115	OVP	X	-.423	-.423	0	%100
116	OVP	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	M100	X	-.503	-.503	0	%100
2	M100	Z	-.29	-.29	0	%100
3	M101	X	-.142	-.142	0	%100
4	M101	Z	-.082	-.082	0	%100
5	M102	X	-.142	-.142	0	%100
6	M102	Z	-.082	-.082	0	%100
7	M103	X	-.283	-.283	0	%100
8	M103	Z	-.163	-.163	0	%100
9	M106	X	-.157	-.157	0	%100
10	M106	Z	-.091	-.091	0	%100
11	M107	X	-.628	-.628	0	%100
12	M107	Z	-.363	-.363	0	%100
13	M111	X	-.848	-.848	0	%100
14	M111	Z	-.49	-.49	0	%100
15	M112	X	-.288	-.288	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,%]
16	M112	Z	-.166	-.166	0	%100
17	M114	X	-.303	-.303	0	%100
18	M114	Z	-.175	-.175	0	%100
19	M116	X	-.848	-.848	0	%100
20	M116	Z	-.49	-.49	0	%100
21	M117	X	-1.152	-1.152	0	%100
22	M117	Z	-.665	-.665	0	%100
23	M119	X	-1.213	-1.213	0	%100
24	M119	Z	-.701	-.701	0	%100
25	M124	X	-.503	-.503	0	%100
26	M124	Z	-.29	-.29	0	%100
27	M125	X	-.142	-.142	0	%100
28	M125	Z	-.082	-.082	0	%100
29	M126	X	-.142	-.142	0	%100
30	M126	Z	-.082	-.082	0	%100
31	M127	X	-.283	-.283	0	%100
32	M127	Z	-.163	-.163	0	%100
33	M130	X	-.628	-.628	0	%100
34	M130	Z	-.363	-.363	0	%100
35	M131	X	-.157	-.157	0	%100
36	M131	Z	-.091	-.091	0	%100
37	M135	X	-.848	-.848	0	%100
38	M135	Z	-.49	-.49	0	%100
39	M136	X	-1.152	-1.152	0	%100
40	M136	Z	-.665	-.665	0	%100
41	M138	X	-1.213	-1.213	0	%100
42	M138	Z	-.701	-.701	0	%100
43	M140	X	-.848	-.848	0	%100
44	M140	Z	-.49	-.49	0	%100
45	M141	X	-.288	-.288	0	%100
46	M141	Z	-.166	-.166	0	%100
47	M143	X	-.303	-.303	0	%100
48	M143	Z	-.175	-.175	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-.567	-.567	0	%100
52	M149	Z	-.327	-.327	0	%100
53	M150	X	-.567	-.567	0	%100
54	M150	Z	-.327	-.327	0	%100
55	M151	X	-1.131	-1.131	0	%100
56	M151	Z	-.653	-.653	0	%100
57	M154	X	-.157	-.157	0	%100
58	M154	Z	-.091	-.091	0	%100
59	M155	X	-.157	-.157	0	%100
60	M155	Z	-.091	-.091	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	-.288	-.288	0	%100
64	M160	Z	-.166	-.166	0	%100
65	M162	X	-.303	-.303	0	%100
66	M162	Z	-.175	-.175	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-.288	-.288	0	%100
70	M165	Z	-.166	-.166	0	%100
71	M167	X	-.303	-.303	0	%100
72	M167	Z	-.175	-.175	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,%]
73	M172	X	-.165	-.165	0	%100
74	M172	Z	-.095	-.095	0	%100
75	MP1A	X	-.448	-.448	0	%100
76	MP1A	Z	-.258	-.258	0	%100
77	M82	X	-.112	-.112	0	%100
78	M82	Z	-.065	-.065	0	%100
79	M87	X	-.112	-.112	0	%100
80	M87	Z	-.065	-.065	0	%100
81	M88	X	-.448	-.448	0	%100
82	M88	Z	-.258	-.258	0	%100
83	MP2A	X	-.448	-.448	0	%100
84	MP2A	Z	-.258	-.258	0	%100
85	MP3A	X	-.542	-.542	0	%100
86	MP3A	Z	-.313	-.313	0	%100
87	MP4A	X	-.448	-.448	0	%100
88	MP4A	Z	-.258	-.258	0	%100
89	MP1C	X	-.448	-.448	0	%100
90	MP1C	Z	-.258	-.258	0	%100
91	MP2C	X	-.448	-.448	0	%100
92	MP2C	Z	-.258	-.258	0	%100
93	MP3C	X	-.542	-.542	0	%100
94	MP3C	Z	-.313	-.313	0	%100
95	MP4C	X	-.448	-.448	0	%100
96	MP4C	Z	-.258	-.258	0	%100
97	MP1B	X	-.448	-.448	0	%100
98	MP1B	Z	-.258	-.258	0	%100
99	MP2B	X	-.448	-.448	0	%100
100	MP2B	Z	-.258	-.258	0	%100
101	MP3B	X	-.542	-.542	0	%100
102	MP3B	Z	-.313	-.313	0	%100
103	MP4B	X	-.448	-.448	0	%100
104	MP4B	Z	-.258	-.258	0	%100
105	M125A	X	-.165	-.165	0	%100
106	M125A	Z	-.095	-.095	0	%100
107	M126A	X	-.66	-.66	0	%100
108	M126A	Z	-.381	-.381	0	%100
109	M127A	X	-.134	-.134	0	%100
110	M127A	Z	-.077	-.077	0	%100
111	M128A	X	-.134	-.134	0	%100
112	M128A	Z	-.077	-.077	0	%100
113	M129A	X	-.536	-.536	0	%100
114	M129A	Z	-.31	-.31	0	%100
115	OVP	X	-.366	-.366	0	%100
116	OVP	Z	-.211	-.211	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	M100	X	-.097	-.097	0	%100
2	M100	Z	-.168	-.168	0	%100
3	M101	X	-.246	-.246	0	%100
4	M101	Z	-.425	-.425	0	%100
5	M102	X	-.246	-.246	0	%100
6	M102	Z	-.425	-.425	0	%100
7	M103	X	-.49	-.49	0	%100
8	M103	Z	-.848	-.848	0	%100
9	M106	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,%]
10	M106	Z	0	0	0	%100
11	M107	X	-.272	-.272	0	%100
12	M107	Z	-.471	-.471	0	%100
13	M111	X	-.163	-.163	0	%100
14	M111	Z	-.283	-.283	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-.163	-.163	0	%100
20	M116	Z	-.283	-.283	0	%100
21	M117	X	-.499	-.499	0	%100
22	M117	Z	-.864	-.864	0	%100
23	M119	X	-.525	-.525	0	%100
24	M119	Z	-.91	-.91	0	%100
25	M124	X	-.387	-.387	0	%100
26	M124	Z	-.67	-.67	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-.272	-.272	0	%100
34	M130	Z	-.471	-.471	0	%100
35	M131	X	-.272	-.272	0	%100
36	M131	Z	-.471	-.471	0	%100
37	M135	X	-.653	-.653	0	%100
38	M135	Z	-1.131	-1.131	0	%100
39	M136	X	-.499	-.499	0	%100
40	M136	Z	-.864	-.864	0	%100
41	M138	X	-.525	-.525	0	%100
42	M138	Z	-.91	-.91	0	%100
43	M140	X	-.653	-.653	0	%100
44	M140	Z	-1.131	-1.131	0	%100
45	M141	X	-.499	-.499	0	%100
46	M141	Z	-.864	-.864	0	%100
47	M143	X	-.525	-.525	0	%100
48	M143	Z	-.91	-.91	0	%100
49	M148	X	-.097	-.097	0	%100
50	M148	Z	-.168	-.168	0	%100
51	M149	X	-.246	-.246	0	%100
52	M149	Z	-.425	-.425	0	%100
53	M150	X	-.246	-.246	0	%100
54	M150	Z	-.425	-.425	0	%100
55	M151	X	-.49	-.49	0	%100
56	M151	Z	-.848	-.848	0	%100
57	M154	X	-.272	-.272	0	%100
58	M154	Z	-.471	-.471	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-.163	-.163	0	%100
62	M159	Z	-.283	-.283	0	%100
63	M160	X	-.499	-.499	0	%100
64	M160	Z	-.864	-.864	0	%100
65	M162	X	-.525	-.525	0	%100
66	M162	Z	-.91	-.91	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,%]
67	M164	X	-.163	-.163	0	%100
68	M164	Z	-.283	-.283	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	-.286	-.286	0	%100
74	M172	Z	-.495	-.495	0	%100
75	MP1A	X	-.258	-.258	0	%100
76	MP1A	Z	-.448	-.448	0	%100
77	M82	X	-.194	-.194	0	%100
78	M82	Z	-.336	-.336	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-.194	-.194	0	%100
82	M88	Z	-.336	-.336	0	%100
83	MP2A	X	-.258	-.258	0	%100
84	MP2A	Z	-.448	-.448	0	%100
85	MP3A	X	-.313	-.313	0	%100
86	MP3A	Z	-.542	-.542	0	%100
87	MP4A	X	-.258	-.258	0	%100
88	MP4A	Z	-.448	-.448	0	%100
89	MP1C	X	-.258	-.258	0	%100
90	MP1C	Z	-.448	-.448	0	%100
91	MP2C	X	-.258	-.258	0	%100
92	MP2C	Z	-.448	-.448	0	%100
93	MP3C	X	-.313	-.313	0	%100
94	MP3C	Z	-.542	-.542	0	%100
95	MP4C	X	-.258	-.258	0	%100
96	MP4C	Z	-.448	-.448	0	%100
97	MP1B	X	-.258	-.258	0	%100
98	MP1B	Z	-.448	-.448	0	%100
99	MP2B	X	-.258	-.258	0	%100
100	MP2B	Z	-.448	-.448	0	%100
101	MP3B	X	-.313	-.313	0	%100
102	MP3B	Z	-.542	-.542	0	%100
103	MP4B	X	-.258	-.258	0	%100
104	MP4B	Z	-.448	-.448	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-.286	-.286	0	%100
108	M126A	Z	-.495	-.495	0	%100
109	M127A	X	-.232	-.232	0	%100
110	M127A	Z	-.402	-.402	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-.232	-.232	0	%100
114	M129A	Z	-.402	-.402	0	%100
115	OVP	X	-.211	-.211	0	%100
116	OVP	Z	-.366	-.366	0	%100

Member Area Loads

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

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	N144A	max	860.55	10	3140.418	13	2406.851	1	6.549	13	.984	4	.153	3
2		min	-876.985	4	-19.007	7	-2532.63	7	-1.689	7	-.984	10	-.244	9
3	N172	max	1778.935	9	2940.829	21	1390.582	2	.497	3	.994	12	1.218	3
4		min	-1866.771	3	-12.374	3	-1325.709	8	-3.407	21	-1.014	6	-5.524	21
5	N200	max	2020.59	10	2955.966	17	1135.869	12	.802	11	.927	8	5.729	17
6		min	-1915.159	4	-8.989	11	-1070.38	6	-3.087	17	-.955	2	-1.038	11
7	Totals:	max	4506.21	10	8234.707	13	4831.576	1						
8		min	-4506.209	4	2827.565	7	-4831.569	7						

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [l...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M100	HSS4X4X4	.407	0	13	.092	0	y	24	124657....	139518	16.181	16.181	2....	H1-1b
2	M101	HSS4X4X4	.200	2.375	14	.059	2.375	y	13	136263.03	139518	16.181	16.181	1....	H1-1b
3	M102	HSS4X4X4	.199	0	24	.065	0	y	13	136263.03	139518	16.181	16.181	1....	H1-1b
4	M103	PL1/2x6	.181	.516	1	.131	.516	y	4	66009.234	97200	1.012	12.15	1....	H1-1b
5	M106	L2x2x3	.122	0	2	.010	0	y	17	9823.122	23392.8	.558	1.074	1....	H2-1
6	M107	L2x2x3	.128	0	12	.008	4.162	y	21	9823.122	23392.8	.558	1.074	1....	H2-1
7	M111	PL3/8x6	.209	0	11	.344	0	y	18	70677.939	72900	.57	9.113	1....	H1-1b
8	M112	PL3/8x6	.233	.167	7	.410	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
9	M114	PL1/2x6	.064	.112	1	.096	.112	y	5	96757.507	97200	1.012	12.15	1....	H1-1b
10	M116	PL3/8x6	.206	0	10	.276	0	y	21	70677.939	72900	.57	9.113	1....	H1-1b
11	M117	PL3/8x6	.249	.167	7	.414	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
12	M119	PL1/2x6	.059	.112	8	.115	0	y	3	96757.507	97200	1.012	12.15	1....	H1-1b
13	M124	HSS4X4X4	.405	0	21	.100	0	y	33	124657....	139518	16.181	16.181	2....	H1-1b
14	M125	HSS4X4X4	.201	2.375	22	.059	2.375	y	21	136263.03	139518	16.181	16.181	1....	H1-1b
15	M126	HSS4X4X4	.200	0	20	.066	0	y	21	136263.03	139518	16.181	16.181	1....	H1-1b
16	M127	PL1/2x6	.171	.516	9	.136	.516	y	12	66009.234	97200	1.012	12.15	1....	H1-1b
17	M130	L2x2x3	.114	0	10	.010	0	y	13	9823.122	23392.8	.558	1.074	1....	H2-1
18	M131	L2x2x3	.127	0	8	.008	4.162	y	17	9823.122	23392.8	.558	1.074	1....	H2-1
19	M135	PL3/8x6	.244	0	7	.337	0	y	13	70677.939	72900	.57	9.113	1....	H1-1b
20	M136	PL3/8x6	.217	.167	3	.408	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
21	M138	PL1/2x6	.060	.112	2	.101	.112	y	1	96757.507	97200	1.012	12.15	1....	H1-1b
22	M140	PL3/8x6	.248	0	6	.275	0	y	17	70677.939	72900	.57	9.113	1....	H1-1b
23	M141	PL3/8x6	.229	.167	2	.417	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
24	M143	PL1/2x6	.055	.112	4	.115	0	y	11	96757.507	97200	1.012	12.15	1....	H1-1b
25	M148	HSS4X4X4	.408	0	17	.092	0	y	41	124657....	139518	16.181	16.181	2....	H1-1b
26	M149	HSS4X4X4	.202	2.375	18	.060	2.375	y	17	136263.03	139518	16.181	16.181	1....	H1-1b
27	M150	HSS4X4X4	.202	0	16	.066	0	y	17	136263.03	139518	16.181	16.181	1....	H1-1b
28	M151	PL1/2x6	.176	.516	5	.136	.516	y	8	66009.234	97200	1.012	12.15	1....	H1-1b
29	M154	L2x2x3	.119	0	6	.010	0	y	21	9823.122	23392.8	.558	1.074	1....	H2-1
30	M155	L2x2x3	.125	0	4	.008	4.162	y	13	9823.122	23392.8	.558	1.074	1....	H2-1
31	M159	PL3/8x6	.225	0	3	.344	0	y	21	70677.939	72900	.57	9.113	1....	H1-1b
32	M160	PL3/8x6	.227	.167	11	.412	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
33	M162	PL1/2x6	.064	.112	5	.096	.112	y	9	96757.507	97200	1.012	12.15	1....	H1-1b
34	M164	PL3/8x6	.234	0	2	.276	0	y	13	70677.939	72900	.57	9.113	1....	H1-1b
35	M165	PL3/8x6	.233	.167	11	.419	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
36	M167	PL1/2x6	.058	.112	6	.122	0	y	7	96757.507	97200	1.012	12.15	2....	H1-1b
37	M172	PIPE_3.0	.159	8.073	10	.093	4.167		7	28250.554	65205	5.749	5.749	3....	H1-1b
38	MP1A	PIPE_2.0	.327	5.75	9	.148	2.25		8	14916.096	32130	1.872	1.872	4....	H1-1b
39	M82	PIPE_2.0	.314	8.333	6	.164	11.719		7	6295.422	32130	1.872	1.872	2....	H1-1b
40	M87	PIPE_2.0	.308	8.333	2	.159	11.719		3	6295.422	32130	1.872	1.872	2....	H1-1b
41	M88	PIPE_2.0	.288	8.333	10	.152	11.719		12	6295.422	32130	1.872	1.872	2....	H1-1b
42	MP2A	PIPE_2.0	.455	5.75	9	.118	5.75		6	14916.096	32130	1.872	1.872	4....	H1-1b
43	MP3A	PIPE_2.5	.364	5.75	4	.101	2.25		8	30038.461	50715	3.596	3.596	3....	H1-1b

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [l...	phi*Mn y...	phi*Mn z...	Cb	Eqn
44	MP4A	PIPE_2.0	.312	5.75	5	.152	2.25		7	14916.096	32130	1.872	1.872	4....	H1-1b
45	MP1C	PIPE_2.0	.327	5.75	5	.137	2.25		4	14916.096	32130	1.872	1.872	4....	H1-1b
46	MP2C	PIPE_2.0	.465	5.75	6	.118	5.75		8	14916.096	32130	1.872	1.872	4....	H1-1b
47	MP3C	PIPE_2.5	.374	5.75	12	.095	2.25		4	30038.461	50715	3.596	3.596	4....	H1-1b
48	MP4C	PIPE_2.0	.320	5.75	1	.145	2.25		3	14916.096	32130	1.872	1.872	4....	H1-1b
49	MP1B	PIPE_2.0	.340	5.75	1	.143	2.25		12	14916.096	32130	1.872	1.872	4....	H1-1b
50	MP2B	PIPE_2.0	.482	5.75	1	.112	5.75		11	14916.096	32130	1.872	1.872	4....	H1-1b
51	MP3B	PIPE_2.5	.385	5.75	8	.096	2.25		12	30038.461	50715	3.596	3.596	3....	H1-1b
52	MP4B	PIPE_2.0	.308	5.75	8	.140	2.25		11	14916.096	32130	1.872	1.872	4....	H1-1b
53	M125A	PIPE_3.0	.168	8.073	6	.088	4.167		3	28250.554	65205	5.749	5.749	3....	H1-1b
54	M126A	PIPE_3.0	.168	8.203	8	.083	4.167		11	28250.554	65205	5.749	5.749	3....	H1-1b
55	M127A	L2.5x2.5x4	.401	1.295	11	.061	.85	z	4	36502.971	38556	1.114	2.537	2....	H2-1
56	M128A	L2.5x2.5x4	.418	1.295	7	.065	0	z	12	36502.971	38556	1.114	2.537	2....	H2-1
57	M129A	L2.5x2.5x4	.416	1.295	3	.065	0	z	8	36502.971	38556	1.114	2.537	2....	H2-1
58	OVP	PIPE_2.0	.123	2.5	12	.016	2.5		12	28843.414	32130	1.872	1.872	1....	H1-1b

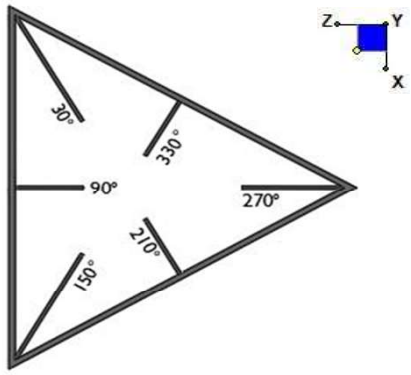
Client:	Verizon Wireless	Date:	7/28/2021
Site Name:	COLUMBIA CT		
Project No.	21777492A		
Title:	Mount Replacement Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

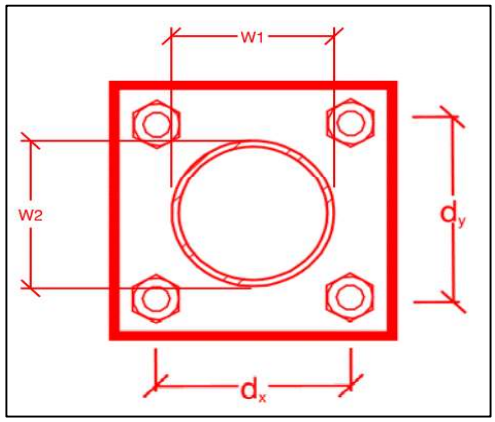
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
n172	30
N144A	270
N200	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	26.6
Required Shear Strength (kips):	4.7
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**32.2%***
Shear Capacity Overall:	**9.5%**



**Note: Tension reduction not required if tension or shear capacity < 30%*

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	35
t_{Plate} (in):	0.75
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	3.72
Plate Bending Capacity:	**37.7%**
Weld Capacity:	**44.5%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	13.2
$Phi*Mn_{xx}$ *(kip-in)* :	35.4
Mu_{yy} *(kip-in)* :	0.1
$Phi*Mn_{yy}$ *(kip-in)* :	35.4

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – New Mount Passing MA

Purpose – to provide Maser Consulting Connecticut 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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Mount Analysis. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Verification that the New Mount Installed is as specified in the MA
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- 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.
- The photos in the file structure should be uploaded **to** https://pmi.vzwsmart.com as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the modifications
  - Photos of the appropriate mount before and after installation of the new mount;
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.
    - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
  - Photos showing the newly installed mount that is as specified in the Mount Analysis

- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

New Mount Certification:

- The contractor must certify that the New Mount installed is as specified

☐ The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis

☐ The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount Installed

☐ The contractor did not install the New Mount specified in the Passing Mount Analysis

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor is to remove existing mount and equipment.

Contractor is to install (1) low profile platform (Part #: Site Pro 1 RMQP-NP) and (1) support rail kit (Part #: Site Pro 1 HRK-12, or EOR approved equivalent) 42" (measured from c-c of members) above face horizontal.

Contractor is to install 96" Long P 2 STD mount pipe kits (Part #: Site Pro 1 SP219-96) in positions 1, 2 and 4 (9 total, 3 per sector)

Contractor is to install 96" Long P 2 ½ STD pipe and hardware (Part #: Site Pro 1 SP219-96H) in position 3 (3 total, 1 per sector). Support rail connection hardware for position 2 is to be replaced with new crossover plate (Part # Site Pro 1 SCX2-K, or EOR approved equivalent, 1 per sector).

Contractor is to install 96" mount pipes with 48" spacing between each mount position on mount face (measured c-c of pipe).

Contractor to install the proposed OVP on a 36" long P2.0 STD pipe on the standoff horizontal between beta and gamma sector. Attach the proposed OVP pipe to the standoff horizontal using Site Pro 1 (Part #: SQCX4-K or EOR approved equivalent).

Response:

Schedule A – Photo & Document File Structure

- VzW Site Number / Name
  - Base & “During Installation” Photos
  - Pre-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
  - Post-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
    - Photos of climbing facility and safety climb – If Present
  - Certifications – Submission of this document including certifications
  - Specific Required Additional Photos

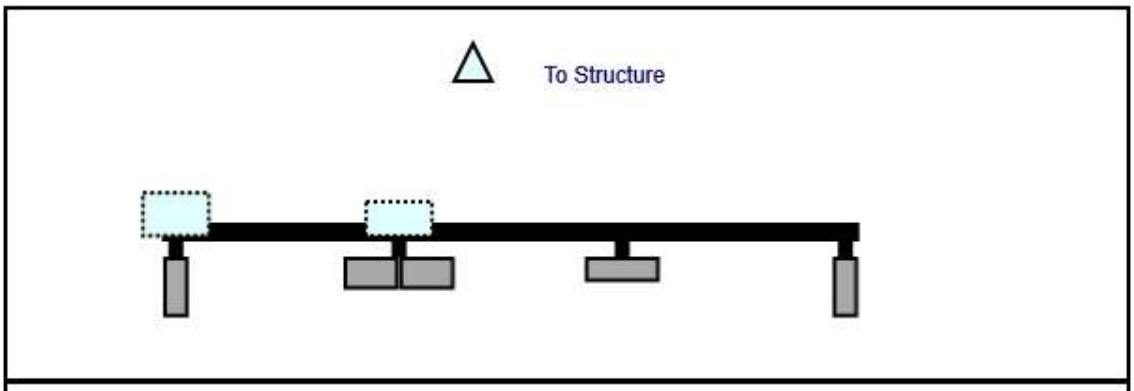
Structure: 470979-VZW - COLUMBIA CT

Sector: **A** 7/28/2021

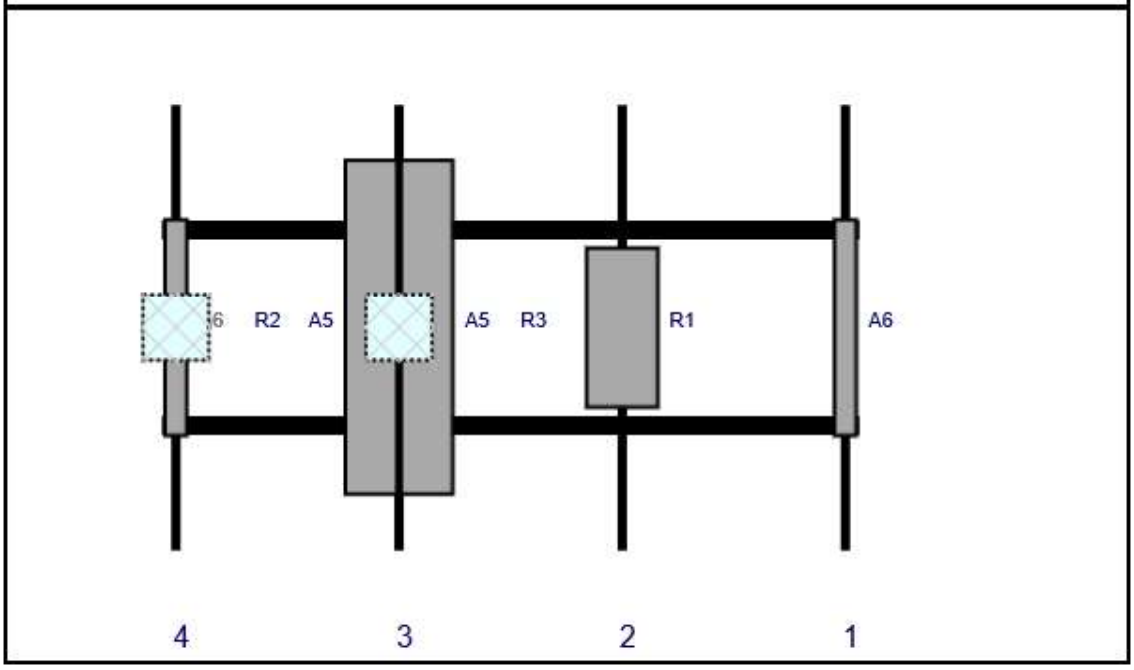
Structure Type: Monopole 10050491

Mount Elev: 158.25 Page: 1

Plan View



Front View
Looking at Structure



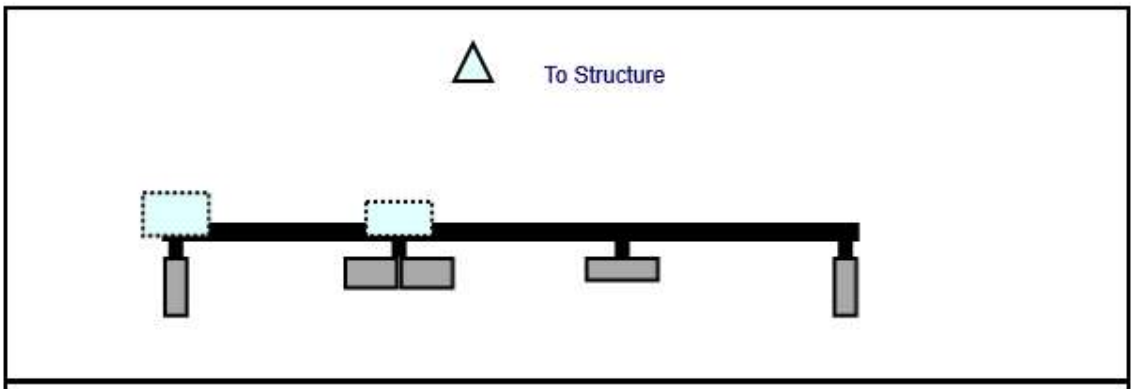
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080-4CF	47.2	5.5	147	1	a	Front	48	0	Retained	
R1	MT6407-77A	35.1	16.1	99	2	a	Front	48	0	Added	
A5	SBNHH-1D65B	72.6	11.9	51	3	a	Front	48	6	Retained	
A5	SBNHH-1D65B	72.6	11.9	51	3	b	Front	48	-6	Retained	
R3	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	48	0	Added	
A6	LPA-80080-4CF	47.2	5.5	3	4	a	Front	48	0	Retained	
R2	B2/B66A RRH-BR049	15	15	3	4	a	Behind	48	0	Added	

Sector: **B** 7/28/2021

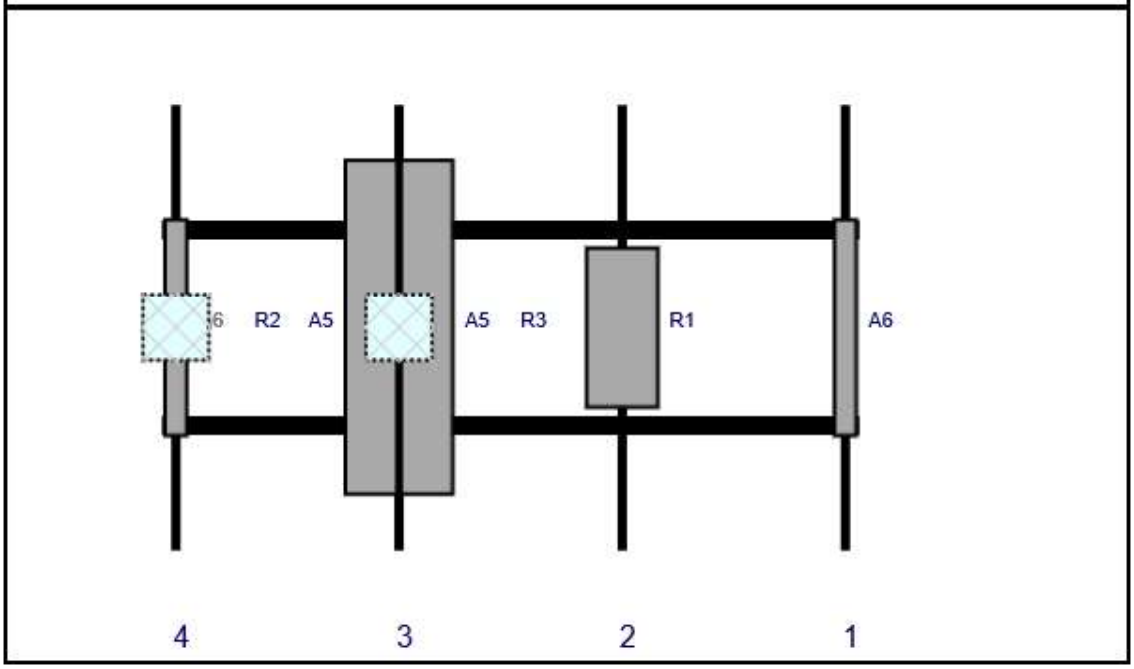
Structure Type: Monopole 10050491

Mount Elev: 158.25 Page: 2

Plan View



Front View
Looking at Structure



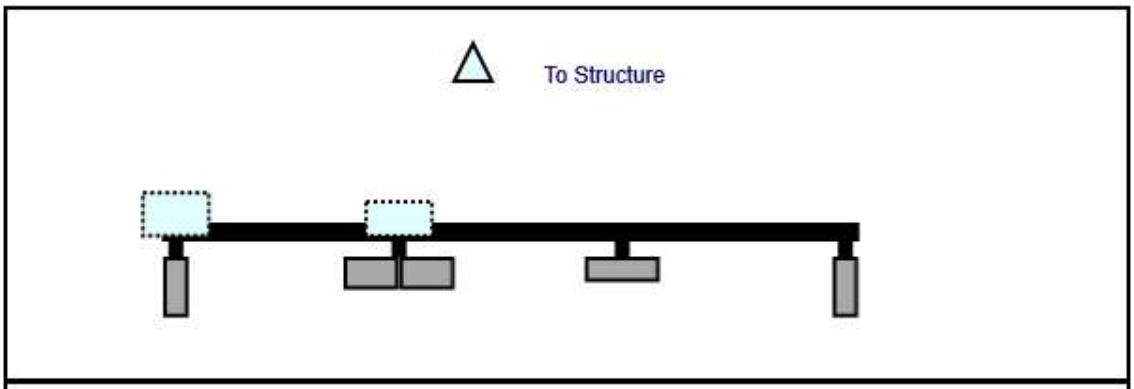
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080-4CF	47.2	5.5	147	1	a	Front	48	0	Retained	
R1	MT6407-77A	35.1	16.1	99	2	a	Front	48	0	Added	
A5	SBNHH-1D65B	72.6	11.9	51	3	a	Front	48	6	Retained	
A5	SBNHH-1D65B	72.6	11.9	51	3	b	Front	48	-6	Retained	
R3	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	48	0	Added	
A6	LPA-80080-4CF	47.2	5.5	3	4	a	Front	48	0	Retained	
R2	B2/B66A RRH-BR049	15	15	3	4	a	Behind	48	0	Added	

Sector: **C** 7/28/2021

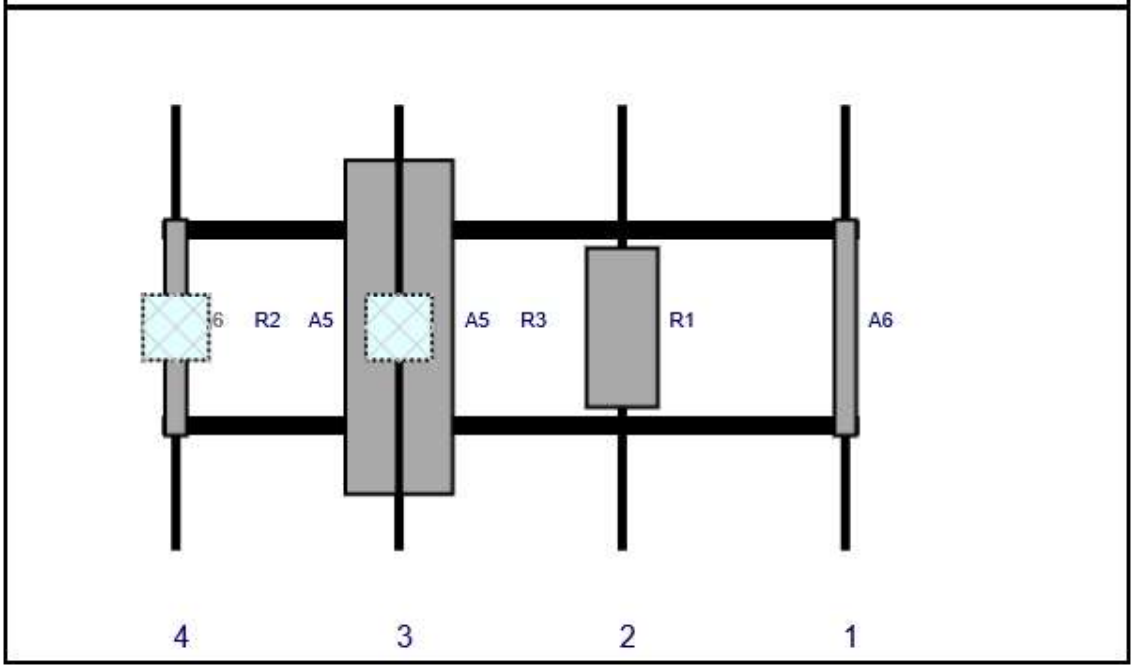
Structure Type: Monopole 10050491

Mount Elev: 158.25 Page: 3

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080-4CF	47.2	5.5	147	1	a	Front	48	0	Retained	
R1	MT6407-77A	35.1	16.1	99	2	a	Front	48	0	Added	
A5	SBNHH-1D65B	72.6	11.9	51	3	a	Front	48	6	Retained	
A5	SBNHH-1D65B	72.6	11.9	51	3	b	Front	48	-6	Retained	
R3	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	48	0	Added	
A6	LPA-80080-4CF	47.2	5.5	3	4	a	Front	48	0	Retained	
R2	B2/B66A RRH-BR049	15	15	3	4	a	Behind	48	0	Added	

Maser Consulting Connecticut

Subject	*TIA-222-H Usage*	
Site Information	*Site ID:*	*470979-VZW / COLUMBIA CT*
	Site Name:	*COLUMBIA CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*104 Bunker Hill Rd* *Andover, Connecticut 06232* *Tolland County*
	Latitude:	*41.737766°*
	Longitude:	*-72.349997°*
Structure Information	*Tower Type:*	*178-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H Standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed maps by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling methods, seismic analysis, 30-degree increment wind directions and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Derek Hartzell, PE
Technical Specialist

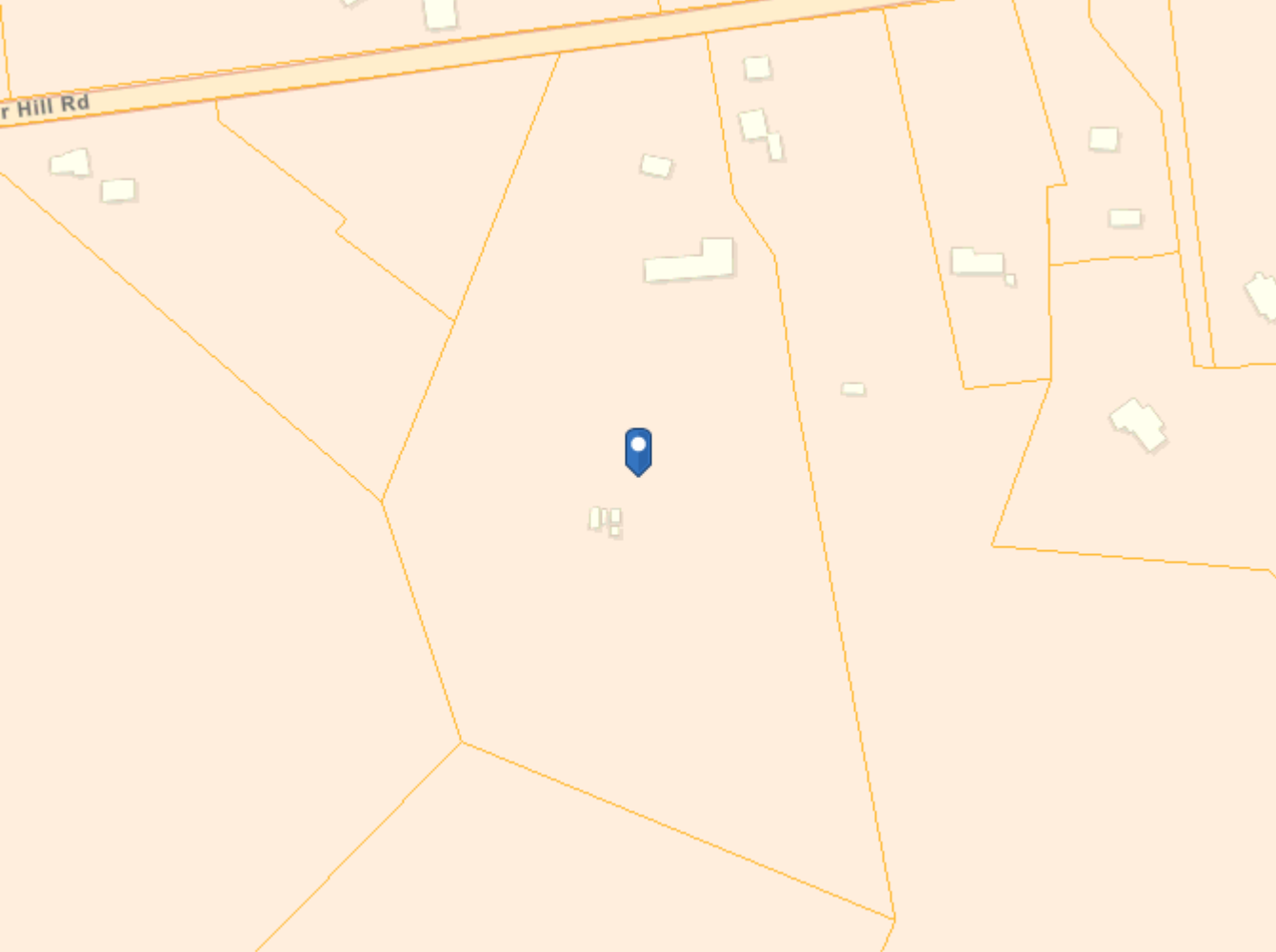
Site Name: ***COLUMBIA CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	689	2756	160	0.0039	0.5007	0.77%
VZW CDMA	869	2	381	762	160	0.0011	0.5793	0.18%
VZW Cellular	869	4	819	3276	160	0.0046	0.5793	0.79%
VZW PCS	1970	4	1581	6324	160	0.0089	1.0000	0.89%
VZW AWS	2110	4	1580	6320	160	0.0089	1.0000	0.89%
VZW CBAND	3730	4	6531	26124	160	0.0367	1.0000	3.67%
Total Percentage of Maximum Permissible Exposure								7.20%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.


r Hill Rd

104 BUNKER HILL RD

Location	104 BUNKER HILL RD	**Mblu**	33/ 36/ 3/ /
Acct#	1023	**Owner**	PRICE LEON & BENJAMIN
Assessment	$327,900	**Appraisal**	$468,400
PID	1023	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2016	$192,100	$276,300	$468,400
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2016	$134,500	$193,400	$327,900

Owner of Record

Owner	PRICE LEON & BENJAMIN	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	104 BUNKER HILL RD ANDOVER, CT 06232	**Book & Page**	113/1034
		Sale Date	10/18/2010
		Instrument	26

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
PRICE LEON & BENJAMIN	$0		113/1034	26	10/18/2010
PRICE LEON	$0		0094/0229		08/23/2004
GREEN DEBORAH R & PRICE LEON	$0		0075/0459		07/06/2000
GREEN DEBORAH R & PRICE LEON	$184,000		0068/0950	00	12/10/1997
ARNER DAVID C & MARSHA A	$69,000		0028/0674	00	04/15/1976

Building Information

Building 1 : Section 1

Year Built: 1969

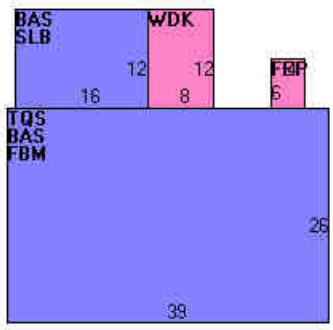
Building Photo

Living Area: 2,017
Replacement Cost: $208,772
Building Percent Good: 71
Replacement Cost Less Depreciation: $148,200

Building Attributes	
Field	**Description**
Style	Colonial
Model	Residential
Grade:	C+
Stories:	1 3/4 Stories
Occupancy	1
Exterior Wall 1	Clapboard
Exterior Wall 2	
Roof Structure:	Gambrel
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Flr 1	Carpet
Interior Flr 2	
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	3 Bedrooms
Total Bthrms:	3
Total Half Baths:	0
Total Xtra Fixtrs:	
Total Rooms:	7 Rooms
Bath Style:	Average
Kitchen Style:	Average


(http://images.vgsi.com/photos2/AndoverCTPhotos/\00\00\23/14.jpg)

Building Layout



(http://images.vgsi.com/photos2/AndoverCTPhotos//Sketches/1023_1023.j

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
BAS	First Floor	1,206	1,206
TQS	Three Quarter Story	1,014	811
FBM	Basement, Finished	1,014	0
FEP	Porch, Enclosed, Finished	24	0
SLB	Slab	192	0
WDK	Deck, Wood	96	0
		3,546	2,017

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Land Line Valuation

Land Use

Use Code	1010
Description	Single Fam MDL-01
Zone	R-80
Neighborhood	12
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	13.9
Frontage	0
Depth	0
Assessed Value	$193,400
Appraised Value	$276,300

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
FN3	Fence-6' Chain			200 L.F.	$1,600	1
SHD5	Shed			220 S.F.	$5,500	1
SHD5	Shed			200 S.F.	$5,000	1
SHD5	Shed			360 S.F.	$9,100	1
FGR1	Garage Av			880 S.F.	$6,300	1
SHP3	Work Shop Pr			3640 S.F.	$16,400	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2015	$210,100	$251,700	$461,800
2011	$210,100	$251,700	$461,800
2010	$246,900	$101,900	$348,800

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2015	$147,000	$176,200	$323,200
2011	$147,000	$176,200	$323,200
2010	$172,800	$71,400	$244,200