CROWN CASTLE

1 Cityplace Dr, Suite 490

Creve Coeur, MO 63141

Phone: (314) 513-0147

www.crowncastle.com

June 29th, 2022

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

RE: **Notice of Exempt Modification for Verizon Wireless**
Crown Site ID#806358; Verizon Wireless Site ID#467553
1432 Old Waterbury Rd, Southbury, CT 06488
Latitude: 41.493417 / Longitude: -73.16539

Dear Ms. Bachman:

Verizon Wireless currently maintains (12) antennas at the 230-foot mounts on the existing 226-foot Monopole Tower located at **1432 Old Waterbury Rd, Southbury.** The property and Tower are owned by Crown Castle. Verizon now intends to remove (12) antennas and replace with (9) antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:

Tower:

REMOVE AND REPLACE
(6) Antel LPA80080/6CF Antennas (**REMOVE**), (3) Samsung MT6407-77A antennas (**REPLACE**)
(6) Andrew SBNHH-1065B antennas (**REMOVE**) (6) JMA MX06FR0660 antennas (**REPLACE)**
(3) Nokia UHBA B13 RRH (**REMOVE**) (3) Samsung B5 / B13 RRH ORAN (RF4440d-13A) **(REPLACE)**
(3) Nokia UHIC B4 RRH (**REMOVE**) (3) B2/ B66A RRH ORAN (RF4439d-25A) **(REPLACE)**
INSTALL
(3) Dual Mount Brackets – Commscope / BSAMNT-SBS-1-2
(6) Bracing Angles

Ground:
N/A

The facility was approved by The Connecticut Siting Council by way of a Certificate of Environmental Compatibility Docket No. 88 on March 3rd, 1988. The approval was with conditions which this exempt modification complies with.

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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 Jeff Manville, Town of Southbury First Selectman, Kevin Bielmeir, Town of Southbury Economic Development Director and property owner, Crown Atlantic Co LLC (and co-owner 4017 Washington Rd.)

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

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modification 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 replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication 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.

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

Sincerely,

Katie Adams
Crown Castle, Agent for Verizon Wireless
kadams@nbcllc.com
(781) 392-7547

CROWN CASTLE

1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

cc:

Jeff Manville, Town of Southbury First Selectman
Southbury Town Hall
501 Main Street South
Room 212
Southbury, CT 06488
(203) 262-0647
(Via Fedex)

Kevin Bielmeir, Town of Southington Economic Development Director
Southbury Town Hall
501 Main Street South
(3rd Floor)
Southbury, CT 06488
(203) 262-0683

Crown Atlantic Co LLC / 4017 Washington Rd
PM Box 353
McMurray, PA 15317

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, July 6, 2022 9:40 AM
To: Katie Adams
Subject: FedEx Shipment 777284899473: Your package has been delivered

Hi. Your package was delivered Wed, 07/06/2022 at 9:34am.

Delivered to 501 MAIN ST S, SOUTHBURY, CT 06488

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777284899473
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	Southbury Town Hall Kevin Bielmeir 501 Main Street South

	3rd floor SOUTHBURY, CT, US, 06488
REFERENCE	100788 - CSC
SHIPPER REFERENCE	100788 - CSC
SHIP DATE	Tue 7/05/2022 06:28 PM
PACKAGING TYPE	FedEx Pak
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	SOUTHBURY, CT, US, 06488
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

FOLLOW FEDEX

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, July 6, 2022 9:40 AM
To: Katie Adams
Subject: FedEx Shipment 777284866254: Your package has been delivered

Hi. Your package was delivered Wed, 07/06/2022 at 9:34am.

Delivered to 501 MAIN ST S, SOUTHBURY, CT 06488

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777284866254
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	Southbury Town Hall Jeff Manville, First Selectman 501 Main Street South

	Room 212 SOUTHBURY, CT, US, 06488
REFERENCE	100788 - CSC
SHIPPER REFERENCE	100788 - CSC
SHIP DATE	Tue 7/05/2022 06:28 PM
PACKAGING TYPE	FedEx Pak
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	SOUTHBURY, CT, US, 06488
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Exhibit A

Original Facility Approval

DOCKET NO. 88 - AN APPLICATION OF METRO MOBILE CTS OF NEW HAVEN, INC., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR CELLULAR TELEPHONE ANTENNAS AND ASSOCIATED EQUIPMENT IN THE TOWN OF SOUTHBURY, CONNECTICUT	:	CONNECTICUT SITING COUNCIL
	:	MARCH 3, 1988

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

Pursuant to the forgoing opinion, the Connecticut Siting Council hereby directs that a Certificate of Environmental Compatibility and Public Need as provided by Section 16-50k of the General Statutes of Connecticut (CGS) be issued to Metro Mobile CTS of New Haven, Inc. for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the "M/A-Southbury" alternative site on Old Waterbury Road in the Town of Southbury, Connecticut. The "M-Southbury" site on Luther Drive is hereby denied.

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

1. The monopole tower at the Southbury site shall be no taller than necessary to provide the proposed service, and in no event shall exceed a total height of 243 feet, including antennas and associated equipment, or violate the air space of Oxford Airport as determined by the Federal Aviation Administration (FAA).
2. The facility shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations.
3. Unless necessary to comply with condition number 2, above, no lights shall be installed on this tower.

4. The Certificate Holder shall prepare a development and management (D&M) plan for the Southbury site in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall provide for permanent evergreen screening around the outside perimeter of the eight-foot chain link fence which will surround the site. The D&M shall also document the final height of the tower as approved by the FAA.
5. The Certificate Holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application is added to this facility.
6. The Certificate Holder or its successor shall permit public or private entities to share space on the Southbury tower for due consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
7. If this facility does not provide or permanently ceases to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

8. The Certificate Holder shall comply with any future radio frequency (RF) standards promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.

9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision and Order.

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

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of State Agencies.

The parties or intervenors to this proceeding are:

Metro Mobile CTS of New Haven, Inc. (applicant)
50 Rockland Road
South Norwalk, CT 06854

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

Fleishman and Walsh, P.C. (party)
1725 N Street, N.W.
Washington, D.C. 20036

SNET Cellular, Inc. (intervenor)
Peter J. Tyrrell, Esq.
227 Church Street
New Haven, CT 06506

Dennis Roberts (intervenor)
Martha J. Roberts
306 Luther Drive
Southbury, CT 06488

Carol A. Herskowitz (intervenor)
First Selectman
Town of Southbury
Town Hall
501 Main Street South
Southbury, CT 06488

Duncan M. Graham (party)
Executive Director
Council of Governments
Of The Central Naugatuck Valley
20 East Main Street
Waterbury, CT 06702

1033E

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket 88 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 3rd day of March, 1988.

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

Exhibit B

Property Card

1432 OLD WATERBURY ROAD

Location	1432 OLD WATERBURY ROAD	**Mblu**	46/ 8/ 10A/ /
Acct#	00537702	**Owner**	CROWN ATLANTIC CO LLC
Assessment	$83,230	**Appraisal**	$118,900
PID	6366	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$38,900	$80,000	$118,900

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$27,230	$56,000	$83,230

Owner of Record

Owner	CROWN ATLANTIC CO LLC
Co-Owner	4017 WASHINGTON RD
Address	P M BOX 353 MCMURRAY, PA 15317

Sale Price	$220,000
Certificate	
Book & Page	0484/0720
Sale Date	04/11/2005
Instrument	24

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
CROWN ATLANTIC CO LLC	$220,000		0484/0720	24	04/11/2005
VOLPE BUILDERS INC	$0		0297/1245	25	06/28/1995
C/O NEXTEL DBA SMART OF NY	$0		0000/0000	25	

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: $0
Building Percent Good:

Replacement Cost
Less Depreciation: $0

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Percent	
Total Bedrooms:	
Full Bthrms:	
Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Pln FPL:	
Det FPL:	
Gas Fireplace(s)	
% Attic Fin	
LF Dormer	
Foundation	
Bsmt Gar(s)	
Bsmt %	
SF FBM	
SF Rec Rm	
Fin Bsmt Qual	
Bsmt Access	
Fndtn Cndtn	

Building Photo

(https://images.vgsi.com/photos/SouthburyCTPhotos//default.jpg)

Building Layout

Building Layout
(https://images.vgsi.com/photos/SouthburyCTPhotos//Sketches/6366_6366

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Basement	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	302
Description	Industrial OB
Zone	M-2
Neighborhood	
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.00
Frontage	0
Depth	0
Assessed Value	$56,000
Appraised Value	$80,000

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
SHD1	Shed Cell	CEL	Cell	360.00 S.F.	$14,400	1
FN3	Fence-6' Chain			400.00 L.F.	$1,800	1
SHD1	Shed Cell	CEL	Cell	180.00 S.F.	$7,200	1
SHD1	Shed Cell	CEL	Cell	180.00 S.F.	$7,200	1
SHD1	Shed Cell	CEL	Cell	180.00 S.F.	$7,200	1
FN4	Fence-8' Chain			200.00 L.F.	$1,100	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$38,900	$80,000	$118,900
2017	$38,900	$80,000	$118,900
2016	$14,400	$80,000	$94,400

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$27,230	$56,000	$83,230
2017	$27,230	$56,000	$83,230
2016	$10,080	$56,000	$66,080

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 467553
VERIZON SITE NAME: SOUTHBURY CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 226'-0"

BUSINESS UNIT #: 806358
SITE ADDRESS: 1432 OLD WATERBURY ROAD SOUTHBURY, CT 06488
COUNTY: NEW HAVEN
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	NHV 109 943107
SITE ADDRESS:	1432 OLD WATERBURY ROAD SOUTHBURY, CT 06488
COUNTY:	NEW HAVEN
MAP/PARCEL #:	TBD
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 29' 36.92" N (41.493417°)
LONGITUDE:	-73° 9' 54.98" W (-73.16539°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	667'
CURRENT ZONING:	VERIFY
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TBD TBD TBD
TOWER OWNER:	CCATT LLC 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD TBD
TELCO PROVIDER:	TBD TBD

PROJECT TEAM

A&E FIRM:	INFINIGY 500 WEST OFFICE CENTER DRIVE / SUITE 150 FORT WASHINGTON, PA 19034
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 WILLIAM GATES - PROJECT MANAGER WILLIAM.GATES@CROWNCASTLE.COM JASON D'AMICO - CONSTRUCTION MANAGER JASON.D'AMICO@CROWNCASTLE.COM
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1	SITE PLAN
C-2	TOWER ELEVATION & ANTENNA PLANS
C-3	EQUIPMENT SCHEDULES
C-4	EQUIPMENT DETAILS
C-5	EQUIPMENT DETAILS
C-6	EQUIPMENT DETAILS
C-7	COLOR CODE
C-8	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	6039-Z0001-C
VzW LOCATION CODE (PSLC)	467553

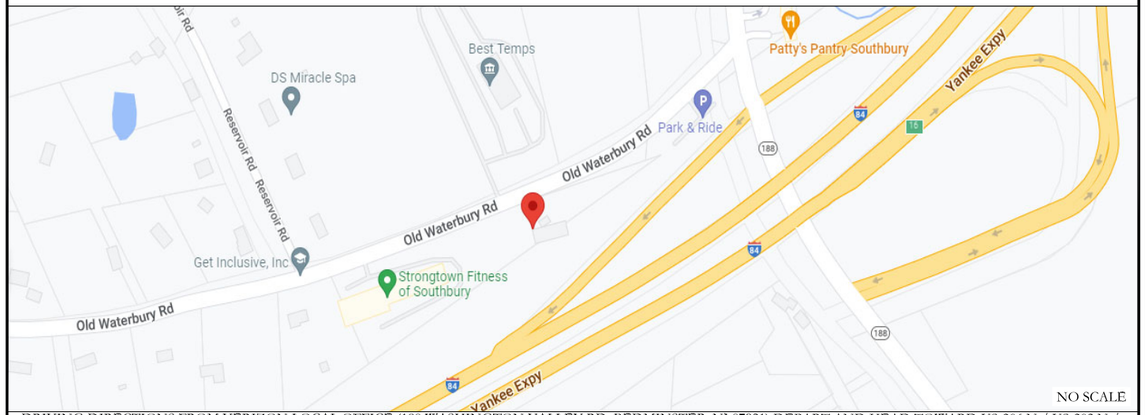
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VzW SMART KIT APPROVED VENDORS

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921) DEPART AND HEAD TOWARD US-206 N / US-202 N / US HIGHWAY 202 206, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE RAMP ON THE RIGHT FOR I-287 N, TAKE THE RAMP ON THE RIGHT FOR I-87 / I-287 SOUTH AND HEAD TOWARD NEW YORK CITY / TAPPAN ZEE BR, PASS DAYS INN BY WYNDHAM NANUET / SPRING VALLEY ON THE RIGHT, HEAD RIGHT ON THE RAMP FOR NY-119 / I-87 SOUTH TOWARD ELMSFORD / NEW YORK CITY / SAW MILL PKWY NORTH / SAW MILL PKWY SOUTH, TAKE THE RAMP FOR I-684 N, HEAD RIGHT ON THE RAMP FOR I-84 EAST TOWARD DANBURY, TAKE THE RAMP ON THE RIGHT FOR I-84 EAST AND HEAD TOWARD WATERBURY, HEAD RIGHT ON THE RAMP FOR CT-188 TOWARD AMUSEMENT PARK / MIDDLEBURY / TRUCKING MUSEUM, TURN RIGHT ONTO CT-188 / STRONGTOWN RD TOWARD AMUSEMENT PARK / MIDDLEBURY / TRUCKING MUSEUM, TURN LEFT ONTO OLD WATERBURY RD, ARRIVE AT 1432 OLD WATERBURY ROAD, SOUTHBURY, CT 06488.

APPLICABLE CODES/REFERENCE DOCUMENTS

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

CODE TYPE	CODE
BUILDING	2018 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	TBD
DATED:	
MOUNT ANALYSIS:	MASER CONSULTING
DATED:	04/04/2022
RFDS REVISION:	0
DATED:	01/04/2022
ORDER ID:	601328
REVISION:	0

CALL CONNECTICUT ONE CALL
(800) 922-4455 CBYD.COM
CALL 2 WORKING DAYS BEFORE YOU DIG!

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
- REMOVE (12) ANTENNAs
- REMOVE (6) RRHs
- INSTALL (3) INTEGRATED ANTENNAs
- INSTALL (6) ANTENNAs
- INSTALL (6) RRHs
- INSTALL (3) DUAL MOUNT BRACKETs
- INSTALL (6) BRACING ANGLEs

GROUND SCOPE OF WORK:
- N/A

NOTE:
PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
500 West Office Center Dr.
Suite 150 | Fort Washington, PA 19034
www.infinigy.com

VERIZON SITE NUMBER:
467553

BU #: **806358**
NHV 109 943107

1432 OLD WATERBURY ROAD
SOUTHBURY, CT 06488

EXISTING 226'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/10/2022	RCD	FINAL CDs	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER

5/18/2022

SHEET NUMBER: T-1
REVISION: 0

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

1. NOTICE TO PROCEED– NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800–788–7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" – CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT:
THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
4. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED–STD–10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA–322 (LATEST EDITION).
5. ALL SITE WORK TO COMPLY WITH QAS–STD–10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED–STD–10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA–1019–A–2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
   CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
   CARRIER: VERIZON
   TOWER OWNER: CROWN CASTLE USA INC.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
5. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS.
12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC.
13. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST–IN–PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°f AT TIME OF PLACEMENT.
4. CONCRETE EXPOSED TO FREEZE–THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER–TO–CEMENT RATIO (W/C) OF 0.45.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
   #4 BARS AND SMALLER........40 ksi
   #5 BARS AND LARGER........60 ksi
6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
   CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH........3"
   CONCRETE EXPOSED TO EARTH OR WEATHER:
   #6 BARS AND LARGER........2"
   #5 BARS AND SMALLER........1–1/2"
   CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
   SLAB AND WALLS........3/4"
   BEAMS AND COLUMNS........1–1/2"
7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

GREENFIELD GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL–OF–POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON–ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON–METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON–METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD–WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

ELECTRICAL INSTALLATION NOTES:

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
   4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
   4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
5. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR–CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
6. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
9. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI–CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
13. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP–STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT) OR METAL–CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
18. LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID–TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION–TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECMATE WIREWAY).
22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON–PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER–ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY–COATED OR NON–CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON".
30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

CONDUCTOR COLOR CODE

SYSTEM	CONDUCTOR	COLOR
120/240V, 1Ø	A PHASE	BLACK
	B PHASE	RED
	NEUTRAL	WHITE
	GROUND	GREEN
120/208V, 3Ø	A PHASE	BLACK
	B PHASE	RED
	C PHASE	BLUE
	NEUTRAL	WHITE
	GROUND	GREEN
277/480V, 3Ø	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
	C PHASE	YELLOW
	NEUTRAL	GREY
	GROUND	GREEN
DC VOLTAGE	POS (+)	RED**
	NEG (–)	BLACK**

* SEE NEC 210.5(C)(1) AND (2)
** POLARITY MARKED AT TERMINATION

APWA UNIFORM COLOR CODE:

WHITE	PROPOSED EXCAVATION
PINK	TEMPORARY SURVEY MARKINGS
RED	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW	GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS
ORANGE	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS
BLUE	POTABLE WATER
PURPLE	RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
GREEN	SEWERS AND DRAIN LINES

ABBREVIATIONS:

ANT	ANTENNA
(E)	EXISTING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
LTE	LONG TERM EVOLUTION
MGB	MASTER GROUND BAR
MW	MICROWAVE
(N)	NEW
NEC	NATIONAL ELECTRIC CODE
(P)	PROPOSED
PP	POWER PLANT
QTY	QUANTITY
RECT	RECTIFIER
RBS	RADIO BASE STATION
RET	REMOTE ELECTRIC TILT
RFDS	RADIO FREQUENCY DATA SHEET
RRH	REMOTE RADIO HEAD
RRU	REMOTE RADIO UNIT
SIAD	SMART INTEGRATED DEVICE
TMA	TOWER MOUNTED AMPLIFIER
TYP	TYPICAL
UMTS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
W.P.	WORK POINT

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
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NHV 109 943107

1432 OLD WATERBURY ROAD
SOUTHBURY, CT 06488

EXISTING 226'-0" MONOPOLE

ISSUED FOR:

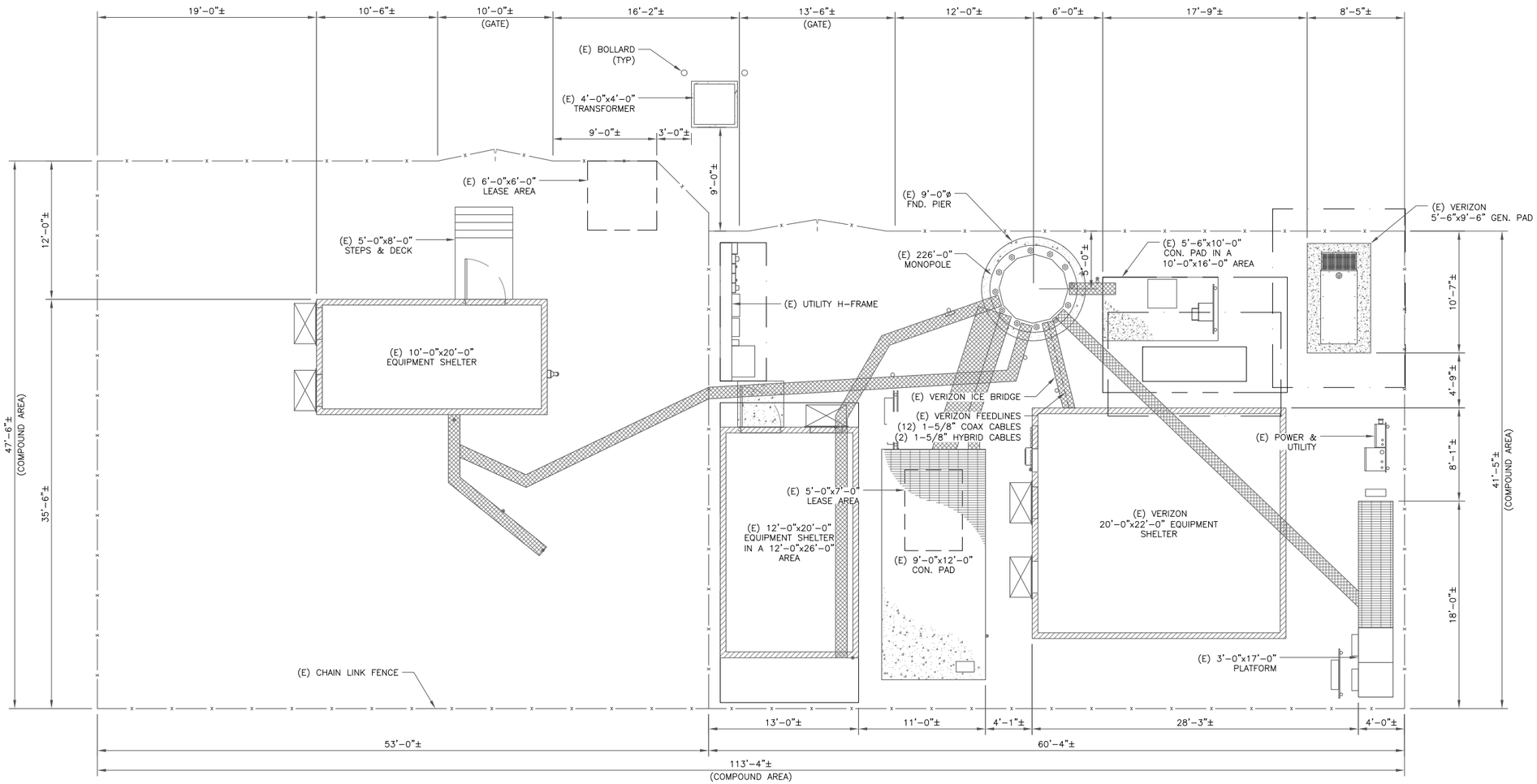
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/10/2022	RCD	FINAL CDs	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

5/18/2022

SHEET NUMBER: **T-2**

REVISION: **0**



1 SITE PLAN

SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
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BU #: **806358**
NHV 109 943107

1432 OLD WATERBURY ROAD
SOUTHBURY, CT 06488

EXISTING 226'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/10/2022	RCD	FINAL CDs	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

5/18/2022

SHEET NUMBER: C-1

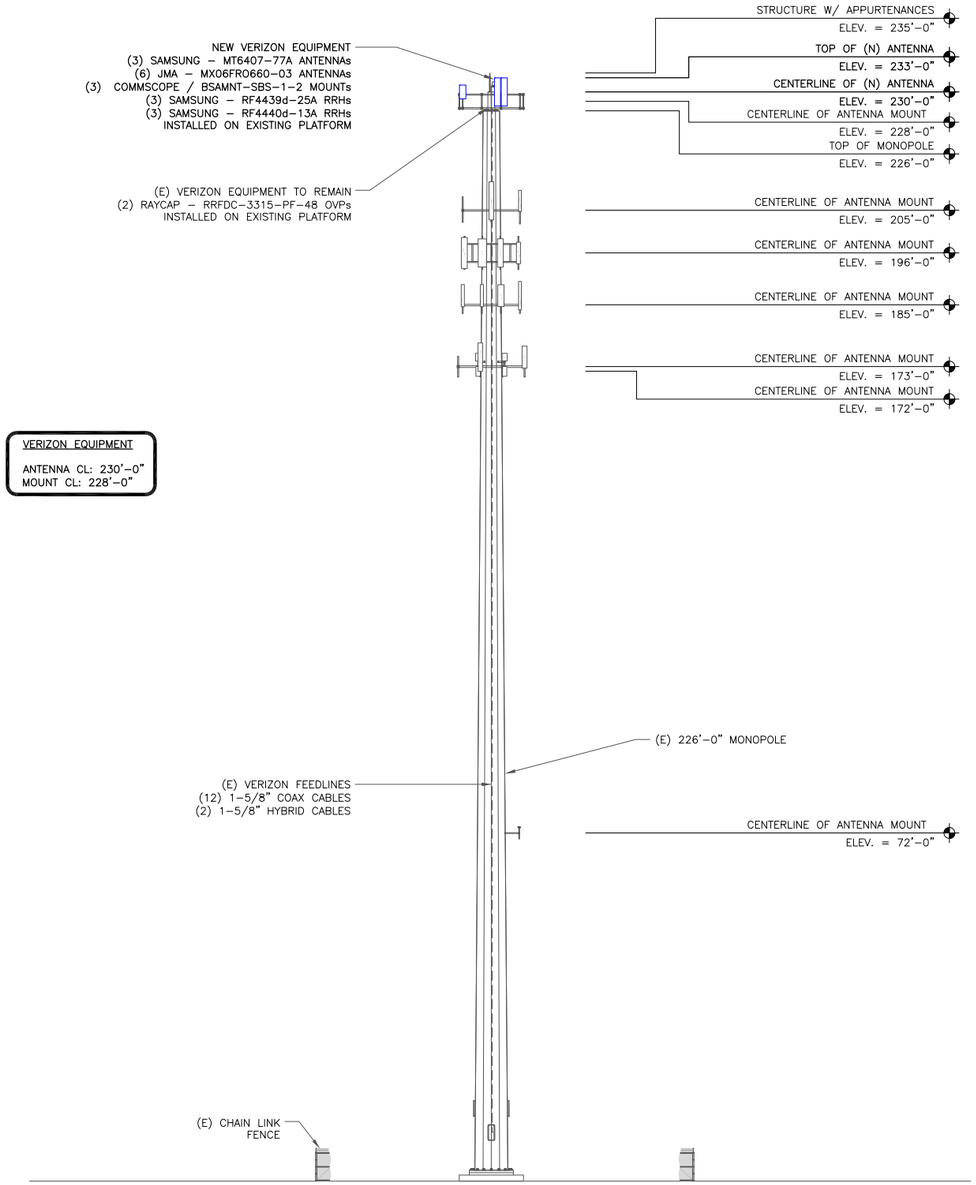
REVISION: 0

NOTES:

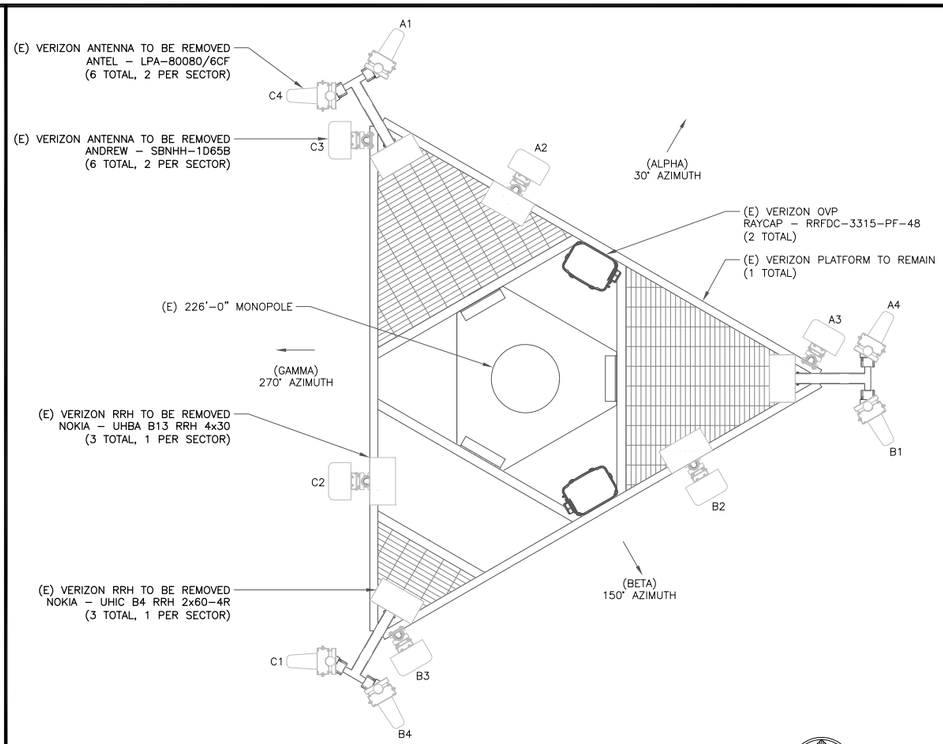
- THESE DRAWINGS ARE NOT INTENDED TO BE A VERIFICATION THAT THE STRUCTURE OR MOUNTS ARE ADEQUATE TO SUPPORT THE PROPOSED LOADING. VERIFICATION THAT THE EXISTING STRUCTURE AND MOUNTS CAN SUPPORT THE PROPOSED LOADING SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO REFER TO THE STRUCTURAL ANALYSIS AND MOUNT ASSESSMENT AND VERIFY LOADING WITH THE MOST RECENT RFDS PRIOR TO CONSTRUCTION

VERIZON EQUIPMENT

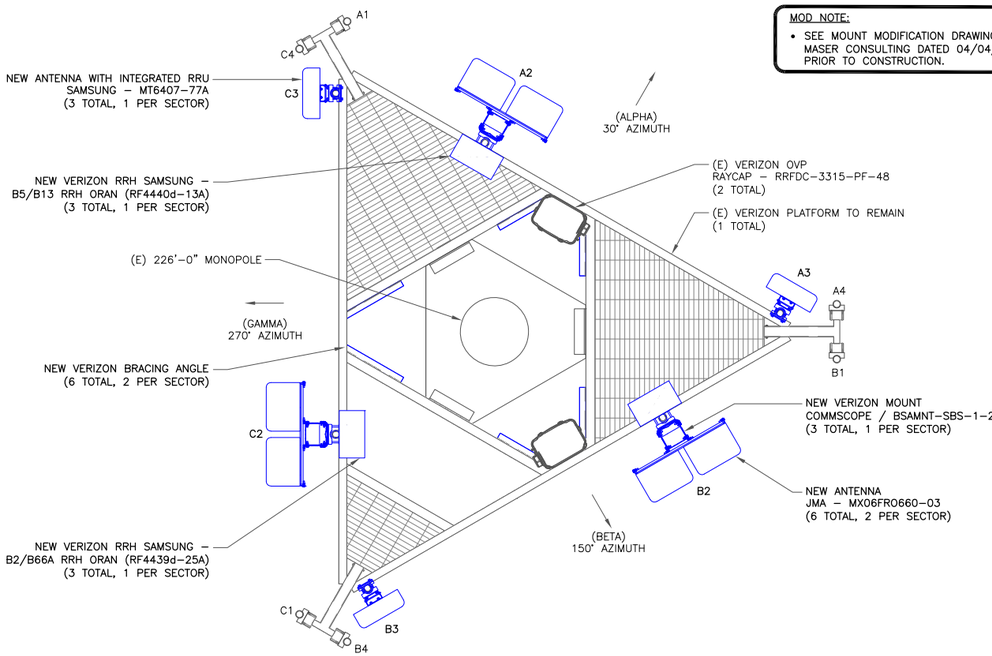
ANTENNA CL: 230'-0"
MOUNT CL: 228'-0"



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



MOD NOTE:

- SEE MOUNT MODIFICATION DRAWING BY MASER CONSULTING DATED 04/04/2022 PRIOR TO CONSTRUCTION.

3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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EXISTING 226'-0" MONOPOLE

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0	05/10/2022	RCD	FINAL CDs	--

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LICENSED
PROFESSIONAL ENGINEER

5/18/2022

SHEET NUMBER:	REVISION:
C-2	0

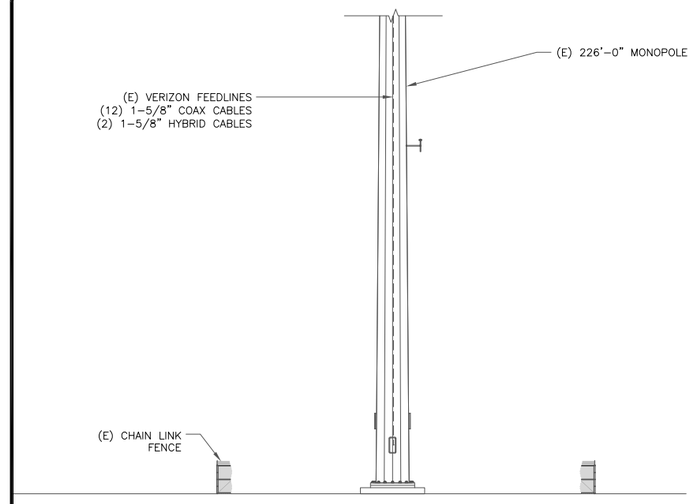
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A2	NEW	JMA	MX06FRO660-03	230'-0"	30°	0°	2°/2°/2°/0°/0°	SAMSUNG	(1) RRUS RF4439d-25A
	NEW	JMA	MX06FRO660-03	230'-0"	30°	0°	2°/2°/2°/0°/0°	SAMSUNG	(1) RRUS RF4440d-13A
A3	NEW	SAMSUNG	MT6407-77A	230'-0"	30°	0°	6°	RAYCAP	(1) (E) RRFDC-3315-PF-48
B2	NEW	JMA	MX06FRO660-03	230'-0"	150°	0°	2°/2°/2°/0°/0°	SAMSUNG	(1) RRUS RF4439d-25A
	NEW	JMA	MX06FRO660-03	230'-0"	150°	0°	2°/2°/2°/0°/0°	SAMSUNG	(1) RRUS RF4440d-13A
B3	NEW	SAMSUNG	MT6407-77A	230'-0"	150°	0°	6°	RAYCAP	(1) (E) RRFDC-3315-PF-48
C2	NEW	JMA	MX06FRO660-03	230'-0"	270°	0°	2°/2°/2°/0°/0°	SAMSUNG	(1) RRUS RF4439d-25A
	NEW	JMA	MX06FRO660-03	230'-0"	270°	0°	2°/2°/2°/0°/0°	SAMSUNG	(1) RRUS RF4440d-13A
C3	NEW	SAMSUNG	MT6407-77A	230'-0"	270°	0°	6°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	278'-0"±	12
EXISTING	HYBRID	1-5/8"	278'-0"±	2
TOTAL CABLE QTY:				14



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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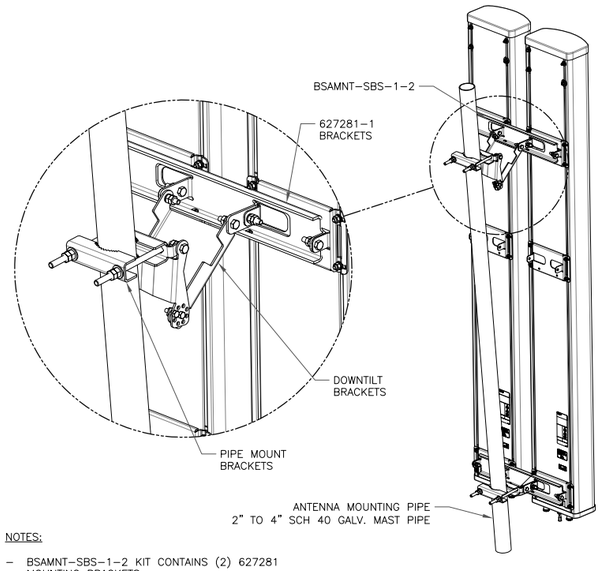
5/18/2022

SHEET NUMBER: C-3
REVISION: 0

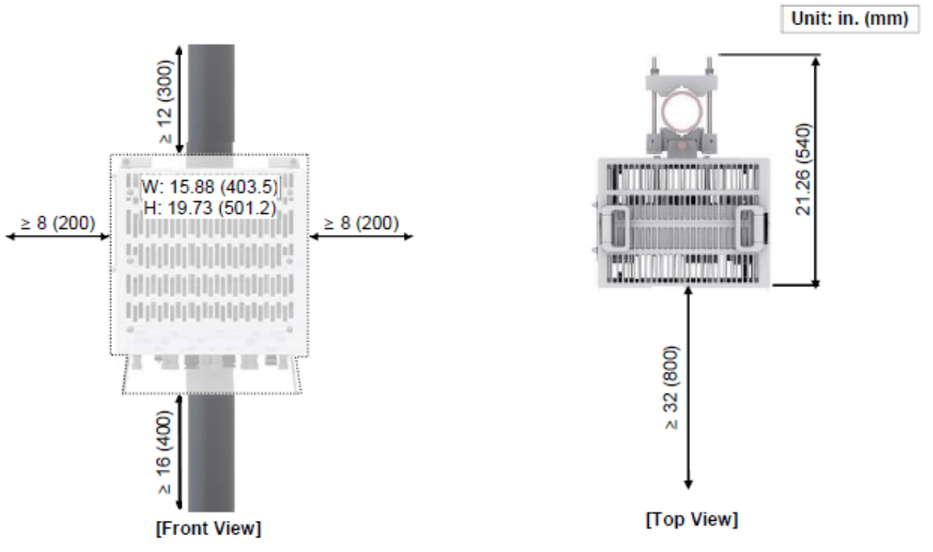


NOTES:

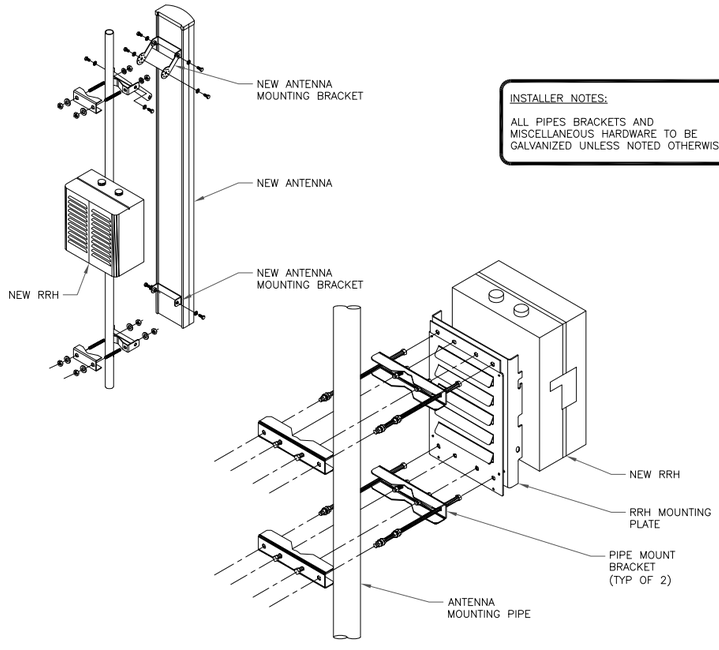
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

1 COMMSCOPE – BSAMNT-SBS-1-2
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE



3 SAMSUNG – FPKA BRACKET MOUNTING DETAIL
SCALE: NOT TO SCALE



INSTALLER NOTES:

ALL PIPES BRACKETS AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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ISSUED FOR:

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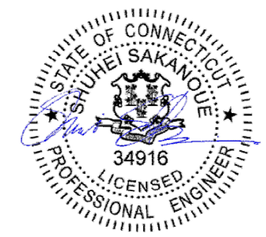


5/18/2022

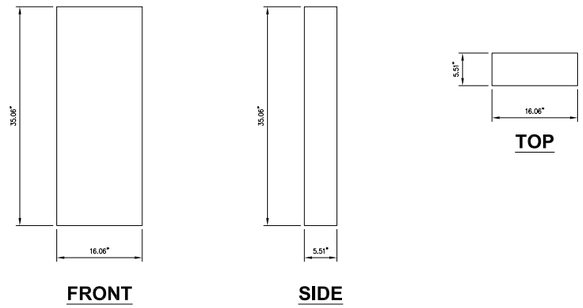
SHEET NUMBER: C-4

REVISION: 0

SAMSUNG PANEL ANTENNA (MT6407-77A)

DIMENSIONS, HxWxD: 35.06"x16.06"x5.51"

WEIGHT, W/O BRACKETS: 81.57 lbs

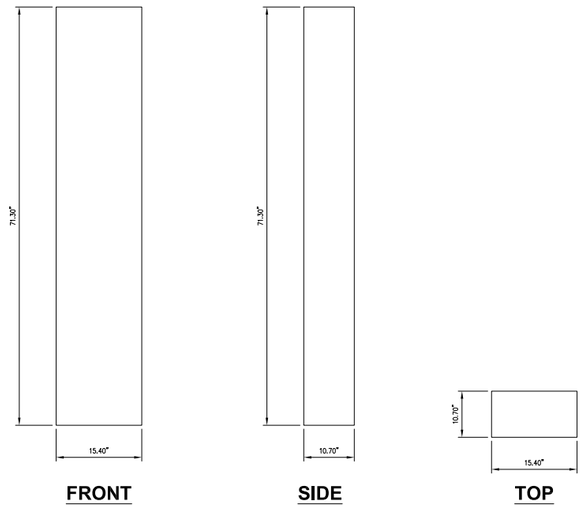


1 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

JMA WIRELESS PANEL ANTENNA (MX06FRO660-03)

DIMENSIONS, HxWxD: 71.30"x15.40"x10.70"

WEIGHT, W/O BRACKETS: 78.0 lbs



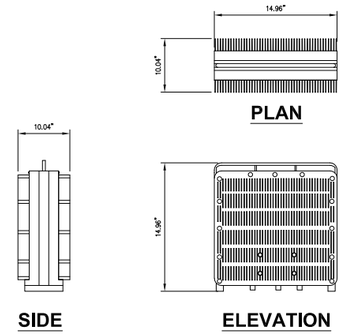
2 JMA WIRELESS MX06FRO660-03 ANTENNA DETAIL
SCALE: NOT TO SCALE

SAMSUNG RF4439D-25A

DIMENSIONS, WxDxH: 14.96" X 14.96" X 10.04"

TOTAL WEIGHT: 74.70 lbs

TEMPERATURE: -40° TO 55° C



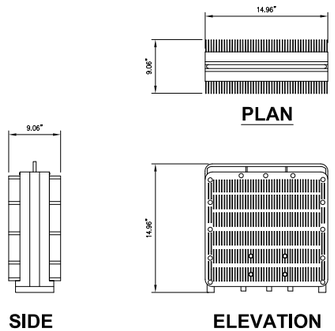
3 SAMSUNG RF4439D-25A DETAIL
SCALE: NOT TO SCALE

SAMSUNG RF4440D-13A

DIMENSIONS, WxDxH: 14.96" X 14.96" X 9.06"

TOTAL WEIGHT: 72.50 lbs

TEMPERATURE: -40° TO 55° C



4 SAMSUNG RF4440D-13A DETAIL
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

Fiber Naming Convention	
Technology	**(Equipment-Sector-OPTI #)**
DUPLEX FIBER RUN	
3rd Gen 5G CPRI 1	AEUA-A-1
3rd Gen 5G CPRI 2	AEUA-A-2
4th Gen 5G RF1	AEUB-A-1
4th Gen 5G RF2	AEUB-A-2
ASOD Backhaul EIF1	ASOD-A-1
SINGLE FIBER RUN	
CBRS CPRI 1	CBRS-A-1
CBRS CPRI 2	CBRS-A-2
LAA	LAA-A-1
High Band Dual Band CPRI 1	HB-A-1
High Band Dual Band CPRI 2	HB-A-2
Low Band Dual Band CPRI 1	LB-A-1
Low Band Dual Band CPRI 2 - 5GNR	LB-5GNR-A-2
FDMIMO AWS CPRI 1	FDM-AWS-A-1
FDMIMO AWS CPRI 2	FDM-AWS-A-2
FDMIMO PCS CPRI 1	FDM-PCS-A-1
FDMIMO PCS CPRI 2	FDM-PCS-A-2
Rev. 3/5/2020	

6 FIBER NAMING CONVENTION
SCALE: NOT TO SCALE

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5/18/2022

SHEET NUMBER: C-5

REVISION: 0

Alpha AWS							*Beta AWS*							*GammaAWS*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha PCS							*Beta PCS*							*Gamma PCS*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha LTE 700							*Beta LTE 700*							*Gamma LTE 700*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha 850 LTE							*Beta 850 LTE*							*Gamma 850 LTE*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha 850 CDMA							*Beta 850 CDMA*							*Gamma 850 CDMA*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Alpha EVDO							*Beta EVDO*							*Gamma EVDO*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						

GPS 1				
GPS 2				
GPS 3				
GPS 4				

Alpha 850 LTE + 700 LTE									
Port 1	WHITE								
Port 2	WHITE								
Port 3	WHITE								
Port 4	WHITE								
Beta 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									
Gamma 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									

Alpha 850 NR Fiber	White			Ptouch - Alpha 850 NR
Beta 850 NR Fiber				Ptouch - Beta 850 NR
Gamma 850 NR Fiber				Ptouch - Gamma 850 NR

1 COLOR CODE
SCALE: NOT TO SCALE

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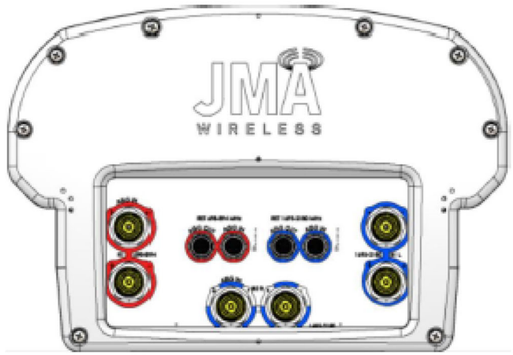
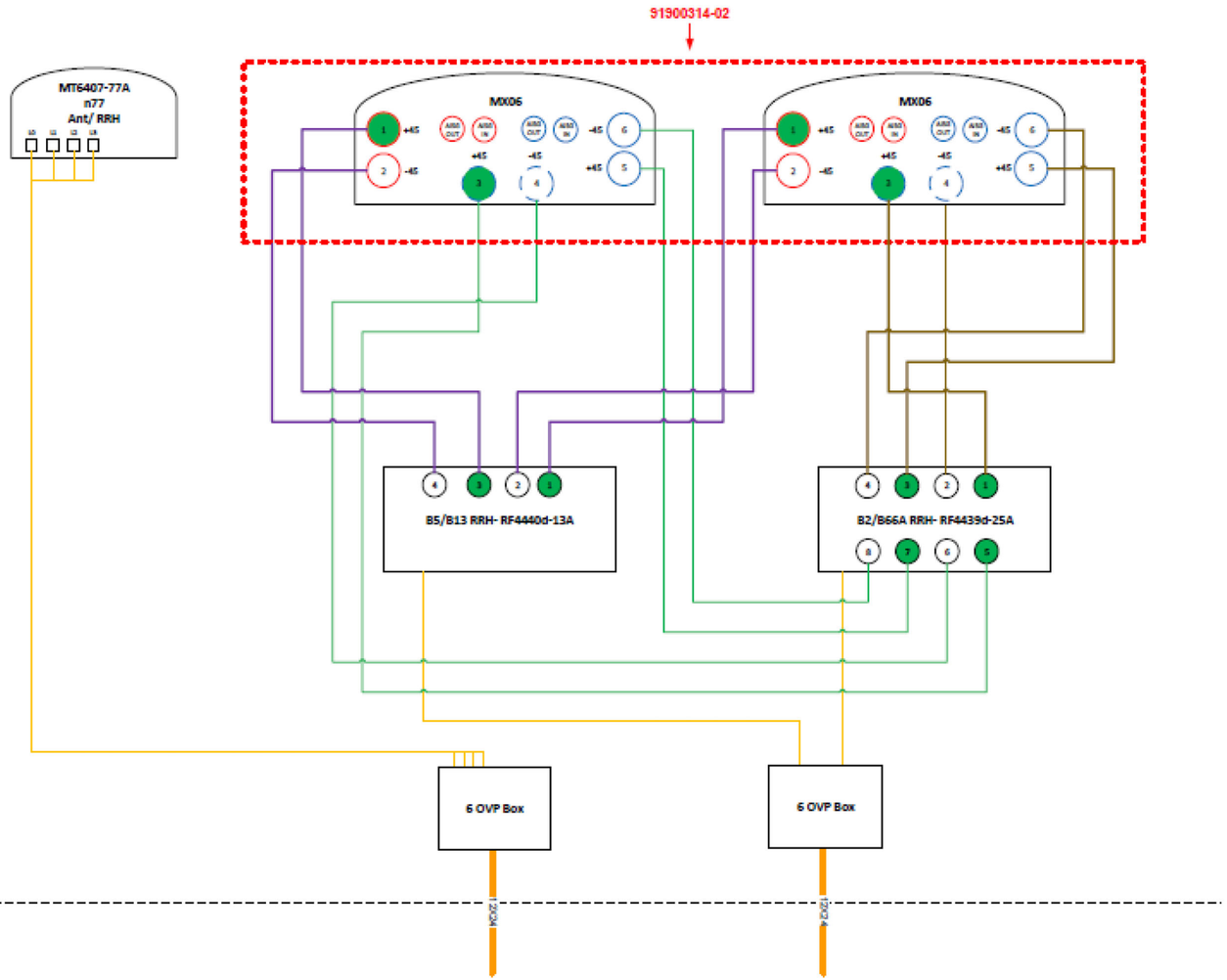
5/18/2022

SHEET NUMBER: C-6

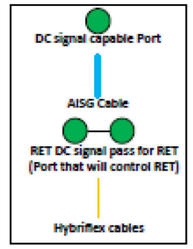
REVISION: 0





- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
- AISG cable is only needed when drawn in the diagrams below, if it is not drawn then SBT is enough to control all RET motors.
- Not all SBT ports are needed to control RET, only green port connection to green port will control RET.

RET DC signal pass for RET
(Port that will control RET)



Comments:

Diagram shows antenna port configuration as viewed from below antennas.

Antenna positions are indicated as viewed from IN FRONT of antennas.

Cap and weatherproof unused antenna ports.

All plumbing diagram colors are irrelevant except for AISG & Hybriflex cable. (For the coax colors follow Coax Colors guide above)

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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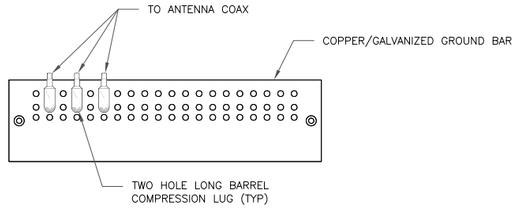


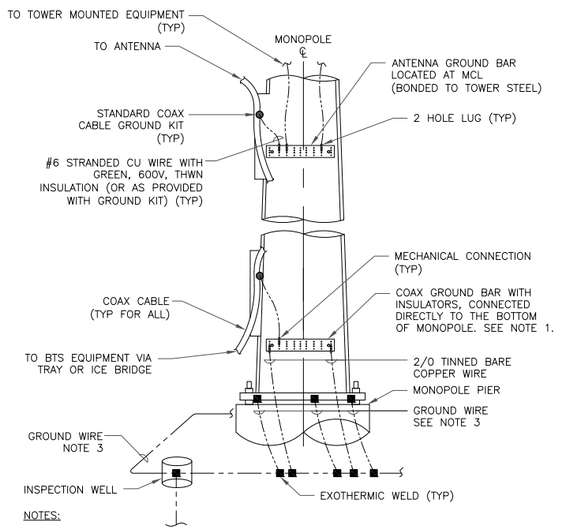
NOTES:

1. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

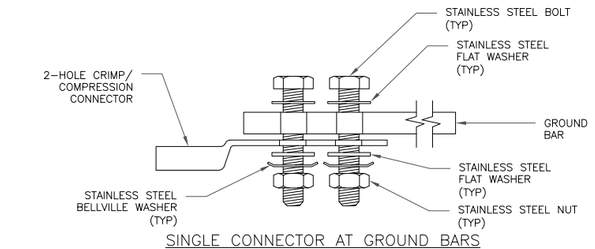
3 NOT USED
SCALE: NOT TO SCALE



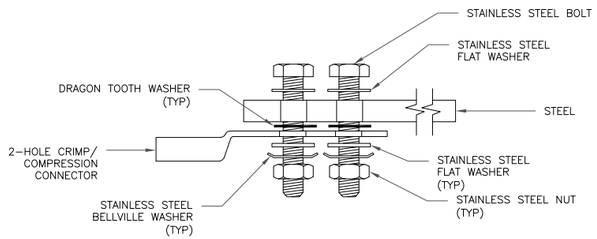
NOTES:

1. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
2. ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
3. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.

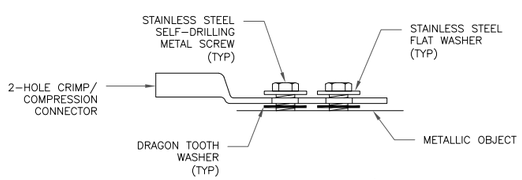
4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



SINGLE CONNECTOR AT GROUND BARS



SINGLE CONNECTOR AT STEEL OBJECTS



SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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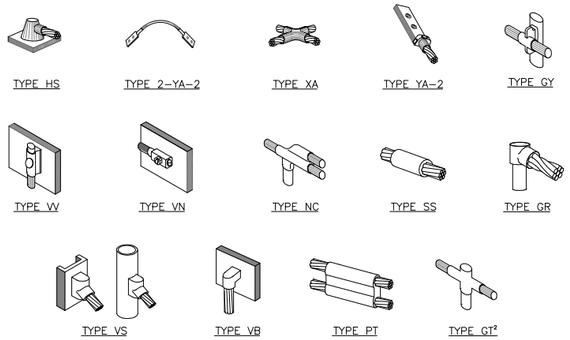
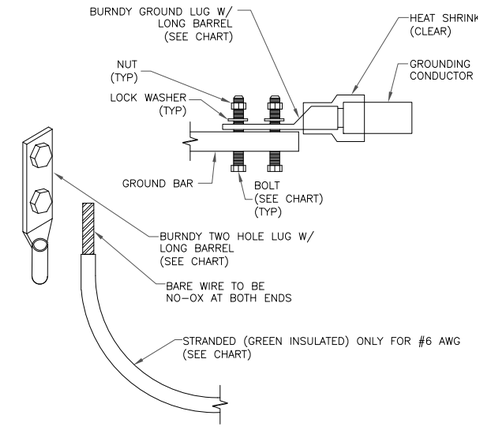


NOTE:

1. ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
2. MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

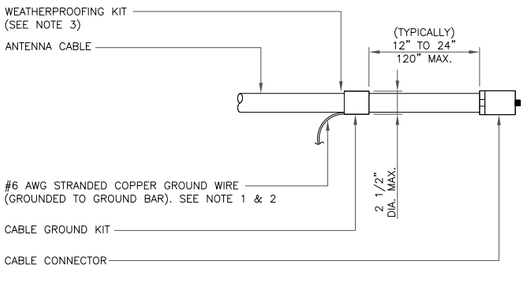
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

1. ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER,GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

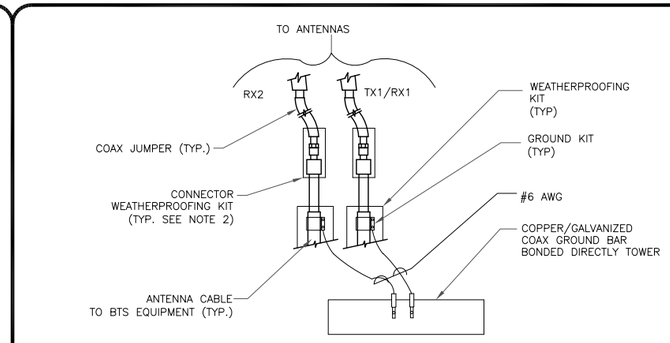
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
3. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT, COLD SHRINK SHALL NOT BE USED.

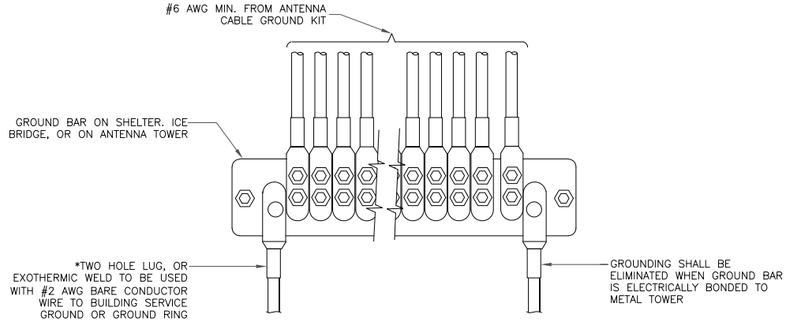
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



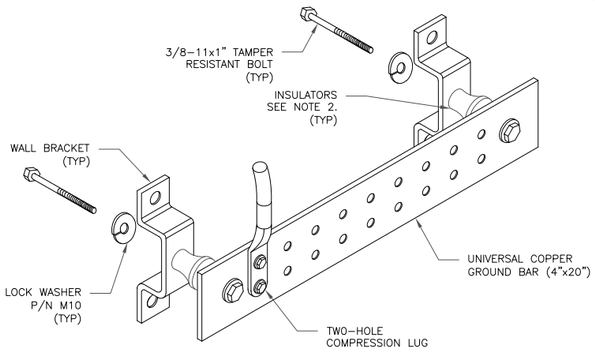
NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
2. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



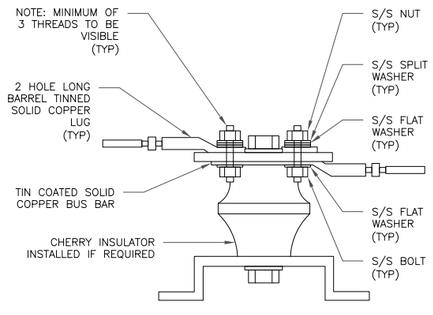
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



NOTES:

1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE

8 NOT USED
SCALE: NOT TO SCALE

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

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VERIZON SITE NUMBER:
467553

BU #: **806358**
NHV 109 943107

1432 OLD WATERBURY ROAD
SOUTHBURY, CT 06488

EXISTING 226'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/10/2022	RCD	FINAL CDs	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

5/18/2022

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **January 14, 2022**

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
724-416-2000

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467553
	Site Name:	SOUTHBURY CT
Crown Castle Designation:	**BU Number:**	806358
	Site Name:	NHV 109 943107
	JDE Job Number:	702110
	Work Order Number:	2067670
	Order Number:	601328 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number:**	2067670
Site Data:	**1432 Old Waterbury Road, SOUTHBURY, NEW HAVEN County, CT** **Latitude *41° 29' 36.92"*, Longitude *-73° 9' 54.98"*** **225.79 Foot - Monopole Tower**	

Crown Castle is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

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

LC7: Proposed Equipment Configuration **Sufficient Capacity – 62.6%**

This analysis utilizes an ultimate 3-second gust wind speed of 116 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - "Analysis Criteria".

Structural analysis prepared by: Carol Ng, E.I.T.

Respectfully submitted by:

STATE OF CONNECTICUT
TERRY P. STYRAN
31522
LICENSED
PROFESSIONAL ENGINEER

Terry P. Styran, P.E.
Senior Project Engineer

Terry P Styran
2022.01.19
18:26:32 -05'00'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 225.79 ft Monopole tower designed by ENGINEERED ENDEAVORS, INC.

The tower has been modified multiple times in the past to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	116 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
228.0	230.0	2	raycap	RRFDC-3315-PF-48	14	1-5/8
	228.0	1	tower mounts	Platform Mount (10' LP 101-1)		
		6	jma wireless	MX06FRO660-03 w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RF4439D-25A		
		3	samsung telecommunications	RF4440D-13A		
		1	tower mounts	Side Arm Mount [SO 203-3]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
218.0	218.0	3	fujitsu	TA08025-B604	1	1-3/4
		3	fujitsu	TA08025-B605		
		3	jma wireless	MX08FRO665-21 w/ Mount Pipe		
		1	raycap	RDIDC-9181-PF-48		
		1	tower mounts	Commscope MC-PK8-DSH		
205.0	207.0	3	commscope	ATSBT-TOP-MF-4G	14	1-5/8
		3	ericsson	AIR6449 B41 w/ Mount Pipe		
		3	ericsson	RADIO 4415 B66A_CCIV3		
		3	ericsson	RADIO 4424		
		3	ericsson	RADIO 4449 B71 B85A_ T-MOBILE		
		3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe		
		3	rfs celwave	APXVAARR24_43-U-NA20_		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
				T-MOBILE w/ Mount Pipe		
	205.0	1	tower mounts	Platform Mount [10.8' LP 712-1]		
196.0	196.0	1	Sabre	C10857333C [SM 504-3]	2 6 12 1	3/8 5/8 1-1/4 Conduit
		3	cci antennas	DTMABP7819VG12A		
		3	cci antennas	OPA-65R-LCUU-H6 w/ Mount Pipe		
		3	cci antennas	OPA65R-BU6D w/ Mount Pipe		
		3	ericsson	RRUS 11 B12		
		3	ericsson	RRUS 32 B2		
		3	ericsson	RRUS 4426 B66		
		3	ericsson	RRUS 4478 B14_CCIV2		
		3	kaelus	DBC0061F1V51-2		
		3	kathrein	800 10121 w/ Mount Pipe		
		3	kathrein	80010798 w/ Mount Pipe		
		6	kathrein	860 10025		
		3	raycap	DC6-48-60-18-8F		
185.0	187.0	3	decibel	978QNB120E-M w/ Mount Pipe	1 6	1/2 1-5/8
		6	ems wireless	FV90-16-02DP w/ Mount Pipe		
		3	nokia	CS72993.07		
		3	rfs celwave	APXV18-206517S-C w/ Mount Pipe		
	185.0	1	tower mounts	Platform Mount [LP 712-1]		
173.0	173.0	3	alcatel lucent	1900MHz RRH (65MHz)	-	-
		3	alcatel lucent	800 EXTERNAL NOTCH FILTER		
		3	alcatel lucent	800MHZ RRH		
		9	rfs celwave	ACU-A20-N		
		1	tower mounts	Side Arm Mount [SO 102-3]		
172.0	173.0	3	alcatel lucent	TD-RRH8x20-25	4	1-1/4
		3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe		
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe		
	172.0	1	tower mounts	Platform Mount [LP 1201-1]		
72.0	73.0	1	gps	GPS_A	2	1/2
	72.0	1	tower mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	217688	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	821496	CCISITES
4-TOWER MANUFACTURER DRAWINGS	821494	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	1276594	CCISITES
4-POST-MODIFICATION INSPECTION	1863184	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	4062841	CCISITES
4-POST-MODIFICATION INSPECTION	4062849	CCISITES

3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 Standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Crown Castle should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	225.79 - 197.75	Pole	TP28.6563x21.5x0.1875	1	-11.91	1002.63	42.6	Pass
L2	197.75 - 162.72	Pole	TP37.0938x27.24x0.375	2	-29.47	2589.87	45.3	Pass
L3	162.72 - 120.09	Pole	TP47.1563x35.0487x0.4375	3	-43.61	3846.79	55.1	Pass
L4	120.09 - 78.99	Pole	TP56.6563x44.6617x0.5	4	-61.43	5287.57	54.4	Pass
L5	78.99 - 38.92	Pole	TP65.7813x53.7418x0.5625	5	-83.88	6910.70	51.0	Pass
L6	38.92 - 0	Pole	TP74.5x62.453x0.5625	6	-115.38	8108.48	54.1	Pass
							Summary	
						Pole (L3)	55.1	Pass
						Rating =	55.1	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	58.1	Pass
1	Base Plate	0	43.6	Pass
1,2	Base Foundation (Compared w/ Design Loads)	0	62.6	Pass

Structure Rating (max from all components) =	62.6%

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.
2) Foundation capacity determined by comparing analysis reactions to original design reactions.

4.1) Recommendations

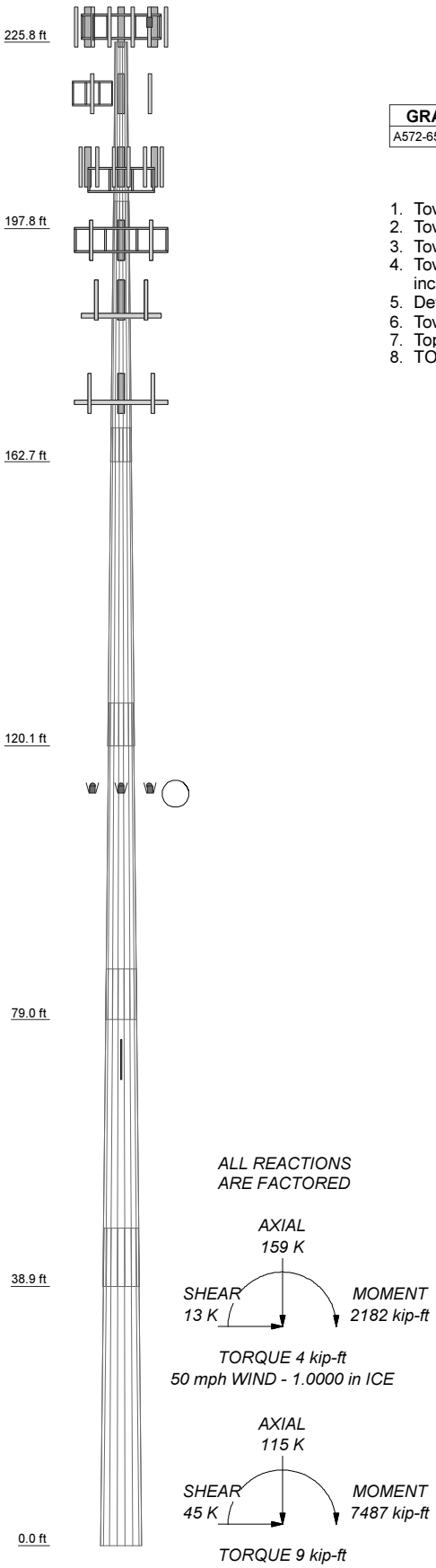
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4	5	6
Length (ft)	28.04	39.11	47.77	47.49	47.65	47.64
Number of Sides	18	18	18	18	18	18
Thickness (in)	0.1875	0.3750	0.4375	0.5000	0.5625	0.5625
Socket Length (ft)	4.08	5.14	6.39	7.58	8.72	
Top Dia (in)	21.5000	27.2400	35.0487	44.6617	53.7418	62.4530
Bot Dia (in)	28.6563	37.0938	47.1563	56.6563	65.7813	74.5000
Grade	A572-65					
Weight (K)	1.4	5.0	9.2	12.9	17.1	19.7

65.3



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 116 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 55.1%

CROWN CASTLE
Pathway to Possible

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
Phone: 724-416-2000
FAX:

Job: ***BU# 806358***			
Project:			
Client: Crown Castle	Drawn by: CNg	App'd:	
Code: TIA-222-H	Date: 01/14/22	Scale: NTS	
Path: C:\Users\cng\Desktop\Working from Home 2021\806358\WO 2067670 - SA\Prod\806358.eri		Dwg No. E-1	

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

- Tower is located in New Haven County, Connecticut.
- Tower base elevation above sea level: 666.00 ft.
- Basic wind speed of 116 mph.
- Risk Category II.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.0000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

	Consider Moments - Legs		Distribute Leg Loads As Uniform		Use ASCE 10 X-Brace Ly Rules
	Consider Moments - Horizontals		Assume Legs Pinned		Calculate Redundant Bracing Forces
	Consider Moments - Diagonals	√	Assume Rigid Index Plate		Ignore Redundant Members in FEA
	Use Moment Magnification	√	Use Clear Spans For Wind Area		SR Leg Bolts Resist Compression
√	Use Code Stress Ratios		Use Clear Spans For KL/r		All Leg Panels Have Same Allowable
√	Use Code Safety Factors - Guys		Retension Guys To Initial Tension		Offset Girt At Foundation
	Escalate Ice	√	Bypass Mast Stability Checks	√	Consider Feed Line Torque
	Always Use Max Kz	√	Use Azimuth Dish Coefficients		Include Angle Block Shear Check
	Use Special Wind Profile	√	Project Wind Area of Appurt.		Use TIA-222-H Bracing Resist. Exemption
	Include Bolts In Member Capacity		Autocalc Torque Arm Areas		Use TIA-222-H Tension Splice Exemption
	Leg Bolts Are At Top Of Section		Add IBC .6D+W Combination		Poles
	Secondary Horizontal Braces Leg	√	Sort Capacity Reports By Component	√	Include Shear-Torsion Interaction
	Use Diamond Inner Bracing (4 Sided)		Triangulate Diamond Inner Bracing		Always Use Sub-Critical Flow
	SR Members Have Cut Ends		Treat Feed Line Bundles As Cylinder		Use Top Mounted Sockets
	SR Members Are Concentric		Ignore KL/ry For 60 Deg. Angle Legs		Pole Without Linear Attachments
					Pole With Shroud Or No Appurtenances
					Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	225.79-197.75	28.04	4.08	18	21.5000	28.6563	0.1875	0.7500	A572-65 (65 ksi)
L2	197.75-162.72	39.11	5.14	18	27.2400	37.0938	0.3750	1.5000	A572-65 (65 ksi)
L3	162.72-120.09	47.77	6.39	18	35.0487	47.1563	0.4375	1.7500	A572-65 (65 ksi)
L4	120.09-78.99	47.49	7.58	18	44.6617	56.6563	0.5000	2.0000	A572-65 (65 ksi)
L5	78.99-38.92	47.65	8.72	18	53.7418	65.7813	0.5625	2.2500	A572-65 (65 ksi)
L6	38.92-0.00	47.64		18	62.4530	74.5000	0.5625	2.2500	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	21.8027	12.6836	727.8616	7.5659	10.9220	66.6418	1456.6810	6.3430	3.4540	18.421
	29.0694	16.9425	1734.8057	10.1064	14.5574	119.1702	3471.8941	8.4728	4.7135	25.139
L2	28.6462	31.9760	2915.6455	9.5371	13.8379	210.6999	5835.1275	15.9911	4.1342	11.025
	37.6081	43.7045	7444.5646	13.0352	18.8436	395.0707	14898.9250	21.8564	5.8685	15.649
L3	36.8448	48.0620	7274.0008	12.2870	17.8048	408.5427	14557.5728	24.0356	5.3986	12.34
	47.8162	64.8748	17889.4123	16.5852	23.9554	746.7807	35802.3639	32.4436	7.5295	17.21
L4	46.9123	70.0846	17268.3558	15.6774	22.6881	761.1185	34559.4338	35.0489	6.9805	13.961
	57.4531	89.1200	35506.5661	19.9355	28.7814	1233.6647	71059.8527	44.5685	9.0915	18.183
L5	56.4288	94.9449	33922.9718	18.8786	27.3008	1242.5625	67890.5803	47.4815	8.4686	15.055
	66.7093	116.4399	62572.6159	23.1527	33.4169	1872.4856	125227.5665	58.2310	10.5875	18.822
L6	65.5688	110.4978	53473.5634	21.9711	31.7261	1685.4739	107017.4887	55.2594	10.0017	17.781
	75.5625	132.0062	91171.9378	26.2478	37.8460	2409.0244	182463.8419	66.0156	12.1220	21.55

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 225.79-197.75				1	1	1			
L2 197.75-162.72				1	1	1			
L3 162.72-120.09				1	1	1			
L4 120.09-78.99				1	1	1			
L5 78.99-38.92				1	1	1			
L6 38.92-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8	A	No	Surface Ar (CaAa)	225.78 - 8.00	1	1	-0.080 -0.070	0.3750		0.22
HB158-1-08U8-S8J18(1-5/8)	C	No	Surface Ar (CaAa)	225.79 - 8.00	2	1	0.220 0.260	1.9800		1.30
***										
WR-VG82ST-BRDA(5/8)	A	No	Surface Ar (CaAa)	196.00 - 8.00	2	2	-0.300 -0.280	0.6450		0.31
WR-VG82ST-BRDA(5/8)	A	No	Surface Ar (CaAa)	196.00 - 8.00	2	2	-0.320 -0.300	0.6450		0.31
LDF6-50A(1-1/4)	A	No	Surface Ar (CaAa)	196.00 - 8.00	3	3	-0.410 -0.320	1.5500		0.60
***										
LDF7-50A(1-5/8)	C	No	Surface Ar (CaAa)	185.00 - 8.00	6	6	-0.070 0.350	1.9800		0.82
LDF4-50A(1/2)	C	No	Surface Ar (CaAa)	185.00 - 8.00	1	1	0.480 0.490	0.6300		0.15
*****										
PL1x6 Reinforcement - Wind Area/Weight	A	No	Surface Af (CaAa)	134.00 - 124.00	1	1	0.000 0.000	6.0000	14.0000	20.41
PL1x6 Reinforcement - Wind Area/Weight	B	No	Surface Af (CaAa)	134.00 - 124.00	1	1	0.000 0.000	6.0000	14.0000	20.41
PL1x6 Reinforcement - Wind Area/Weight	C	No	Surface Af (CaAa)	134.00 - 124.00	1	1	0.000 0.000	6.0000	14.0000	20.41
***										
CU12PSM6P4XXX(1-3/4)	A	No	Surface Ar (CaAa)	218.00 - 0.00	1	1	0.000 0.500	1.7500		2.72
***										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
***									
561(1-5/8)	C	No	No	Inside Pole	225.79 - 0.00	12	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	1.35 1.35 1.35
***									
HCS 6X12 4AWG(1-5/8)	C	No	No	Inside Pole	205.00 - 0.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	2.40 2.40 2.40
LDF7-50A(1-5/8)	C	No	No	Inside Pole	205.00 - 0.00	6	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.82 0.82 0.82
AVA7-50(1-5/8)	C	No	No	Inside Pole	205.00 - 0.00	6	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.70 0.70 0.70
LDF6-50A(1-1/4)	C	No	No	Inside Pole	196.00 - 0.00	9	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.60 0.60 0.60
WR-VG82ST-BRDA(5/8)	C	No	No	Inside Pole	196.00 - 0.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.31 0.31 0.31
FB-L98B-034-XXX(3/8)	C	No	No	Inside Pole	196.00 - 0.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.06 0.06 0.06
2" innerduct conduit	C	No	No	Inside Pole	196.00 - 0.00	1	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.20 0.20 0.20
***									
HB114-21U3M12-XXXF(1-1/4)	C	No	No	Inside Pole	172.00 - 0.00	1	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	1.22 1.22 1.22
HB114-1-0813U4-	C	No	No	Inside Pole	172.00 - 0.00	3	No Ice	0.00	1.20

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
M5J(1-1/4)							1/2" Ice	0.00	1.20
							1" Ice	0.00	1.20
***									
LDF4-50A(1/2)	C	No	No	Inside Pole	72.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	225.79-197.75	A	0.000	0.000	4.595	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	5.552	0.000	0.63
L2	197.75-162.72	A	0.000	0.000	31.505	0.000	0.20
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	34.808	0.000	1.51
L3	162.72-120.09	A	0.000	0.000	49.002	0.000	0.46
		B	0.000	0.000	9.121	0.000	0.20
		C	0.000	0.000	70.892	0.000	2.29
L4	120.09-78.99	A	0.000	0.000	38.449	0.000	0.25
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	59.554	0.000	2.01
L5	78.99-38.92	A	0.000	0.000	37.485	0.000	0.24
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	58.061	0.000	1.97
L6	38.92-0.00	A	0.000	0.000	30.326	0.000	0.21
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	44.803	0.000	1.85

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	225.79-197.75	A	1.023	0.000	0.000	14.476	0.000	0.18
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	11.291	0.000	0.84
L2	197.75-162.72	A	1.007	0.000	0.000	77.402	0.000	0.76
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	58.855	0.000	2.12
L3	162.72-120.09	A	0.983	0.000	0.000	107.164	0.000	1.22
		B		0.000	0.000	10.215	0.000	0.27
		C		0.000	0.000	112.548	0.000	3.32
L4	120.09-78.99	A	0.949	0.000	0.000	92.323	0.000	0.89
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	98.012	0.000	2.91
L5	78.99-38.92	A	0.901	0.000	0.000	88.452	0.000	0.84
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	94.675	0.000	2.81
L6	38.92-0.00	A	0.804	0.000	0.000	69.382	0.000	0.66
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	72.088	0.000	2.46

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	225.79-197.75	-1.4191	0.4324	-2.0724	0.1952
L2	197.75-162.72	-5.0829	4.1138	-5.1657	2.8228
L3	162.72-120.09	-5.1201	5.1651	-5.5851	3.8965
L4	120.09-78.99	-6.3149	6.3550	-6.6548	4.6564
L5	78.99-38.92	-6.7251	6.7569	-7.1816	5.0600
L6	38.92-0.00	-6.0343	5.7591	-6.6090	4.4345

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	1	Safety Line 3/8	197.75 - 225.78	1.0000	1.0000
L1	4	HB158-1-08U8-S8J18(1-5/8)	197.75 - 225.79	1.0000	1.0000
L1	30	CU12PSM6P4XXX(1-3/4)	197.75 - 218.00	1.0000	1.0000
L2	1	Safety Line 3/8	162.72 - 197.75	1.0000	1.0000
L2	4	HB158-1-08U8-S8J18(1-5/8)	162.72 - 197.75	1.0000	1.0000
L2	10	WR-VG82ST-BRDA(5/8)	162.72 - 196.00	1.0000	1.0000
L2	11	WR-VG82ST-BRDA(5/8)	162.72 - 196.00	1.0000	1.0000
L2	12	LDF6-50A(1-1/4)	162.72 - 196.00	1.0000	1.0000
L2	18	LDF7-50A(1-5/8)	162.72 - 185.00	1.0000	1.0000
L2	19	LDF4-50A(1/2)	162.72 - 185.00	1.0000	1.0000
L2	30	CU12PSM6P4XXX(1-3/4)	162.72 - 197.75	1.0000	1.0000
L3	1	Safety Line 3/8	120.09 - 162.72	1.0000	1.0000
L3	4	HB158-1-08U8-S8J18(1-5/8)	120.09 - 162.72	1.0000	1.0000
L3	10	WR-VG82ST-BRDA(5/8)	120.09 - 162.72	1.0000	1.0000
L3	11	WR-VG82ST-BRDA(5/8)	120.09 - 162.72	1.0000	1.0000
L3	12	LDF6-50A(1-1/4)	120.09 - 162.72	1.0000	1.0000
L3	18	LDF7-50A(1-5/8)	120.09 - 162.72	1.0000	1.0000
L3	19	LDF4-50A(1/2)	120.09 - 162.72	1.0000	1.0000
L3	26	PL1x6 Reinforcement - Wind Area/Weight	124.00 - 134.00	1.0000	1.0000
L3	27	PL1x6 Reinforcement - Wind Area/Weight	124.00 - 134.00	1.0000	1.0000
L3	28	PL1x6 Reinforcement - Wind Area/Weight	124.00 - 134.00	1.0000	1.0000
L3	30	CU12PSM6P4XXX(1-3/4)	120.09 - 162.72	1.0000	1.0000
L4	1	Safety Line 3/8	78.99 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			120.09		
L4	4	HB158-1-08U8-S8J18(1-5/8)	78.99 - 120.09	1.0000	1.0000
L4	10	WR-VG82ST-BRDA(5/8)	78.99 - 120.09	1.0000	1.0000
L4	11	WR-VG82ST-BRDA(5/8)	78.99 - 120.09	1.0000	1.0000
L4	12	LDF6-50A(1-1/4)	78.99 - 120.09	1.0000	1.0000
L4	18	LDF7-50A(1-5/8)	78.99 - 120.09	1.0000	1.0000
L4	19	LDF4-50A(1/2)	78.99 - 120.09	1.0000	1.0000
L4	30	CU12PSM6P4XXX(1-3/4)	78.99 - 120.09	1.0000	1.0000
L5	1	Safety Line 3/8	38.92 - 78.99	1.0000	1.0000
L5	4	HB158-1-08U8-S8J18(1-5/8)	38.92 - 78.99	1.0000	1.0000
L5	10	WR-VG82ST-BRDA(5/8)	38.92 - 78.99	1.0000	1.0000
L5	11	WR-VG82ST-BRDA(5/8)	38.92 - 78.99	1.0000	1.0000
L5	12	LDF6-50A(1-1/4)	38.92 - 78.99	1.0000	1.0000
L5	18	LDF7-50A(1-5/8)	38.92 - 78.99	1.0000	1.0000
L5	19	LDF4-50A(1/2)	38.92 - 78.99	1.0000	1.0000
L5	30	CU12PSM6P4XXX(1-3/4)	38.92 - 78.99	1.0000	1.0000
L6	1	Safety Line 3/8	8.00 - 38.92	1.0000	1.0000
L6	4	HB158-1-08U8-S8J18(1-5/8)	8.00 - 38.92	1.0000	1.0000
L6	10	WR-VG82ST-BRDA(5/8)	8.00 - 38.92	1.0000	1.0000
L6	11	WR-VG82ST-BRDA(5/8)	8.00 - 38.92	1.0000	1.0000
L6	12	LDF6-50A(1-1/4)	8.00 - 38.92	1.0000	1.0000
L6	18	LDF7-50A(1-5/8)	8.00 - 38.92	1.0000	1.0000
L6	19	LDF4-50A(1/2)	8.00 - 38.92	1.0000	1.0000
L6	30	CU12PSM6P4XXX(1-3/4)	0.00 - 38.92	1.0000	1.0000

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L3	26	PL1x6 Reinforcement - Wind Area/Weight	124.00 - 134.00	Manual	1.0000
L3	27	PL1x6 Reinforcement - Wind Area/Weight	124.00 - 134.00	Manual	1.0000
L3	28	PL1x6 Reinforcement - Wind Area/Weight	124.00 - 134.00	Manual	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
Lightning Rod 5/8"x5'	C	From Leg	4.00 0.00 2.00	0.00	226.00
Flash Beacon Lighting	B	From Leg	4.00 0.00 2.00	0.00	226.00
Beacon side markers	A	From Face	3.00 0.00 0.00	0.00	113.00
Beacon side markers	B	From Face	3.00 0.00 0.00	0.00	113.00
Beacon side markers	C	From Face	3.00 0.00 0.00	0.00	113.00
***					
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	228.00
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	228.00
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	228.00
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	228.00
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	228.00
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	228.00
RF4439D-25A	A	From Leg	4.00 0.00 0.00	0.00	228.00
RF4439D-25A	B	From Leg	4.00 0.00 0.00	0.00	228.00
RF4439D-25A	C	From Leg	4.00 0.00 0.00	0.00	228.00
RF4440D-13A	A	From Leg	4.00 0.00 0.00	0.00	228.00
RF4440D-13A	B	From Leg	4.00 0.00 0.00	0.00	228.00
RF4440D-13A	C	From Leg	4.00 0.00 0.00	0.00	228.00
RRFDC-3315-PF-48	B	From Leg	4.00 0.00 2.00	0.00	228.00
RRFDC-3315-PF-48	C	From Leg	4.00 0.00 2.00	0.00	228.00
**					
Platform Mount (10' LP 101-1)	C	None		0.00	228.00
Side Arm Mount [SO 203-3]	C	None		0.00	228.00
Transition Ladder	C	From Leg	2.00 0.00 -2.00	0.00	228.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
Mount Reinforcement Specifications ***	C	None		0.00	228.00
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	218.00
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	218.00
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	218.00
TA08025-B604	A	From Leg	4.00 0.00 0.00	0.00	218.00
TA08025-B604	B	From Leg	4.00 0.00 0.00	0.00	218.00
TA08025-B604	C	From Leg	4.00 0.00 0.00	0.00	218.00
TA08025-B605	A	From Leg	4.00 0.00 0.00	0.00	218.00
TA08025-B605	B	From Leg	4.00 0.00 0.00	0.00	218.00
TA08025-B605	C	From Leg	4.00 0.00 0.00	0.00	218.00
RDIDC-9181-PF-48	A	From Leg	4.00 0.00 0.00	0.00	218.00
(2) 8' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	218.00
(2) 8' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	218.00
(2) 8' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	218.00
Commscope MC-PK8-DSH	C	From Leg	4.00 0.00 0.00	0.00	218.00
* APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	A	From Leg	3.00 -5.00 2.00	0.00	205.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	B	From Leg	3.00 -5.00 2.00	0.00	205.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	C	From Leg	3.00 -5.00 2.00	0.00	205.00
APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe	A	From Leg	3.00 0.00 2.00	0.00	205.00
APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe	B	From Leg	3.00 0.00 2.00	0.00	205.00
APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe	C	From Leg	3.00 0.00 2.00	0.00	205.00
AIR6449 B41 w/ Mount Pipe	A	From Leg	3.00 5.00	0.00	205.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
AIR6449 B41 w/ Mount Pipe	B	From Leg	2.00 3.00 5.00	0.00	205.00
AIR6449 B41 w/ Mount Pipe	C	From Leg	2.00 3.00 5.00	0.00	205.00
RADIO 4424	A	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4424	B	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4424	C	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4415 B66A_CCIV3	A	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4415 B66A_CCIV3	B	From Leg	2.00 3.00 0.00	0.00	205.00
RADIO 4415 B66A_CCIV3	C	From Leg	2.00 3.00 0.00	0.00	205.00
ATSBT-TOP-MF-4G	A	From Face	2.00 3.00 0.00	0.00	205.00
ATSBT-TOP-MF-4G	B	From Face	2.00 3.00 0.00	0.00	205.00
ATSBT-TOP-MF-4G	C	From Face	2.00 3.00 0.00	0.00	205.00
Platform Mount [10.8' LP 712-1]	C	None	2.00	0.00	205.00
Transition Ladder	C	From Leg	2.00 0.00 -4.50	0.00	205.00
12.5' x 2.375" Horizontal Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	205.00
12.5' x 2.375" Horizontal Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	205.00
12.5' x 2.375" Horizontal Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	205.00
6' x 2" Horizontal Mount Pipe	A	From Face	2.00 0.00 0.00	0.00	205.00
6' x 2" Horizontal Mount Pipe	B	From Face	2.00 0.00 0.00	0.00	205.00
6' x 2" Horizontal Mount Pipe	C	From Face	2.00 0.00 0.00	0.00	205.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
***					
800 10121 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	196.00
800 10121 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	196.00
800 10121 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	196.00
OPA-65R-LCUU-H6 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	196.00
OPA-65R-LCUU-H6 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	196.00
OPA-65R-LCUU-H6 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	196.00
OPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	196.00
OPA65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	196.00
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	196.00
80010798 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	196.00
80010798 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	196.00
80010798 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	196.00
DTMABP7819VG12A	A	From Leg	4.00 0.00 0.00	0.00	196.00
DTMABP7819VG12A	B	From Leg	4.00 0.00 0.00	0.00	196.00
DTMABP7819VG12A	C	From Leg	4.00 0.00 0.00	0.00	196.00
(2) 860 10025	A	From Leg	4.00 0.00 0.00	0.00	196.00
(2) 860 10025	B	From Leg	4.00 0.00 0.00	0.00	196.00
(2) 860 10025	C	From Leg	4.00 0.00 0.00	0.00	196.00
RRUS 11 B12	A	From Leg	4.00 0.00 0.00	0.00	196.00
RRUS 11 B12	B	From Leg	4.00 0.00 0.00	0.00	196.00
RRUS 11 B12	C	From Leg	4.00 0.00 0.00	0.00	196.00
DC6-48-60-18-8F	B	From Leg	1.00	0.00	196.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.00 0.00		
DC6-48-60-18-8F	A	From Leg	1.00 0.00	0.00	196.00
			0.00 0.00		
DC6-48-60-18-8F	B	From Leg	1.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 4478 B14_CCIV2	A	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 4478 B14_CCIV2	B	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 4478 B14_CCIV2	C	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 32 B2	A	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 32 B2	B	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 32 B2	C	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
DBC0061F1V51-2	A	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
DBC0061F1V51-2	B	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
DBC0061F1V51-2	C	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 4426 B66	A	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 4426 B66	B	From Leg	4.00 0.00	0.00	196.00
			0.00 0.00		
RRUS 4426 B66	C	From Leg	4.00 0.00	0.00	196.00
			0.00		
Sabre C10857333C [SM 504-3]	C	None		0.00	196.00
Transition Ladder	C	From Leg	2.00 0.00 -2.00	0.00	196.00
***					
APXV18-206517S-C w/ Mount Pipe	A	From Leg	3.00 0.00	0.00	185.00
			2.00		
APXV18-206517S-C w/ Mount Pipe	B	From Leg	3.00 0.00	0.00	185.00
			2.00		
APXV18-206517S-C w/ Mount Pipe	C	From Leg	3.00 0.00	0.00	185.00
			2.00		
978QNB120E-M w/ Mount Pipe	A	From Leg	3.00 0.00	0.00	185.00
			2.00		
978QNB120E-M w/ Mount Pipe	B	From Leg	3.00 0.00	0.00	185.00
			2.00		
978QNB120E-M w/ Mount Pipe	C	From Leg	3.00	0.00	185.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.00 2.00		
FV90-16-02DP w/ Mount Pipe	A	From Leg	3.00 0.00	0.00	185.00
			2.00		
FV90-16-02DP w/ Mount Pipe	B	From Leg	3.00 0.00	0.00	185.00
			2.00		
FV90-16-02DP w/ Mount Pipe	C	From Leg	3.00 0.00	0.00	185.00
			2.00		
FV90-16-02DP w/ Mount Pipe	A	From Leg	3.00 0.00	0.00	185.00
			2.00		
FV90-16-02DP w/ Mount Pipe	B	From Leg	3.00 0.00	0.00	185.00
			2.00		
FV90-16-02DP w/ Mount Pipe	C	From Leg	3.00 0.00	0.00	185.00
			2.00		
CS72993.07	A	From Leg	3.00 0.00	0.00	185.00
			2.00		
CS72993.07	B	From Leg	3.00 0.00	0.00	185.00
			2.00		
CS72993.07	C	From Leg	3.00 0.00	0.00	185.00
			2.00		
Platform Mount [LP 712-1]	C	None		0.00	185.00
Transition Ladder	C	From Leg	2.00 0.00	0.00	185.00
			-2.00		
***					
800 EXTERNAL NOTCH FILTER	A	From Leg	1.00 0.00	0.00	173.00
			0.00		
800 EXTERNAL NOTCH FILTER	B	From Leg	1.00 0.00	0.00	173.00
			0.00		
800 EXTERNAL NOTCH FILTER	C	From Leg	1.00 0.00	0.00	173.00
			0.00		
(3) ACU-A20-N	A	From Leg	1.00 0.00	0.00	173.00
			0.00		
(3) ACU-A20-N	B	From Leg	1.00 0.00	0.00	173.00
			0.00		
(3) ACU-A20-N	C	From Leg	1.00 0.00	0.00	173.00
			0.00		
1900MHz RRH (65MHz)	A	From Leg	1.00 0.00	0.00	173.00
			0.00		
1900MHz RRH (65MHz)	B	From Leg	1.00 0.00	0.00	173.00
			0.00		
1900MHz RRH (65MHz)	C	From Leg	1.00 0.00	0.00	173.00
			0.00		
800MHZ RRH	A	From Leg	1.00 0.00	0.00	173.00
			0.00		
800MHZ RRH	B	From Leg	1.00	0.00	173.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.00 0.00		
800MHZ RRH	C	From Leg	1.00 0.00	0.00	173.00
			0.00 0.00		
6'x2" Mount Pipe	A	From Leg	0.50 0.00	0.00	173.00
			0.00 0.00		
6'x2" Mount Pipe	B	From Leg	0.50 0.00	0.00	173.00
			0.00 0.00		
6'x2" Mount Pipe	C	From Leg	0.50 0.00	0.00	173.00
			0.00		
Side Arm Mount [SO 102-3]	C	None		0.00	173.00
***					
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.00 0.00	0.00	172.00
			1.00		
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.00 0.00	0.00	172.00
			1.00		
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.00 0.00	0.00	172.00
			1.00		
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.00 0.00	0.00	172.00
			1.00		
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.00 0.00	0.00	172.00
			1.00		
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.00 0.00	0.00	172.00
			1.00		
TD-RRH8x20-25	A	From Leg	4.00 0.00	0.00	172.00
			1.00		
TD-RRH8x20-25	B	From Leg	4.00 0.00	0.00	172.00
			1.00		
TD-RRH8x20-25	C	From Leg	4.00 0.00	0.00	172.00
			1.00		
Platform Mount [LP 1201-1]	C	None		0.00	172.00
6'x2" Mount Pipe	A	From Leg	4.00 0.00	0.00	172.00
			0.00		
6'x2" Mount Pipe	B	From Leg	4.00 0.00	0.00	172.00
			0.00		
6'x2" Mount Pipe	C	From Leg	4.00 0.00	0.00	172.00
			0.00		
6'x2" Mount Pipe	A	From Leg	4.00 0.00	0.00	172.00
			0.00		
6'x2" Mount Pipe	B	From Leg	4.00 0.00	0.00	172.00
			0.00		
6'x2" Mount Pipe	C	From Leg	4.00 0.00	0.00	172.00
			0.00		
***					
Side Arm Mount [SO 701-1]	A	From Leg	0.00 0.00	0.00	72.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
GPS_A ***	A	From Leg	0.00 3.00 0.00 1.00	0.00	72.00

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service

Comb. No.	Description
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	225.79 - 197.75	Pole	Max Tension	26	0.00	-0.00	0.00
			Max. Compression	26	-26.49	14.44	-9.16
			Max. Mx	20	-11.90	256.56	-5.78
			Max. My	14	-11.92	9.48	-251.73
			Max. Vy	20	-14.92	256.56	-5.78
			Max. Vx	14	14.89	9.48	-251.73
			Max. Torque	24			8.37
L2	197.75 - 162.72	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-57.20	18.39	-11.86
			Max. Mx	20	-29.57	1038.54	-6.96
			Max. My	14	-29.61	11.33	-1029.66
			Max. Vy	20	-29.54	1038.54	-6.96
			Max. Vx	14	29.34	11.33	-1029.66
			Max. Torque	24			9.64
L3	162.72 - 120.09	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-74.88	21.24	-14.28
			Max. Mx	20	-43.70	2344.51	-7.80
			Max. My	14	-43.75	12.43	-2322.33
			Max. Vy	20	-33.51	2344.51	-7.80
			Max. Vx	14	33.07	12.43	-2322.33
			Max. Torque	24			9.62
L4	120.09 - 78.99	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-96.43	23.84	-16.66
			Max. Mx	20	-61.50	3762.92	-8.55
			Max. My	14	-61.53	13.35	-3721.97
			Max. Vy	20	-37.36	3762.92	-8.55
			Max. Vx	14	36.89	13.35	-3721.97
			Max. Torque	24			9.59
L5	78.99 - 38.92	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-122.85	26.28	-18.70
			Max. Mx	20	-83.92	5290.39	-9.08
			Max. My	14	-83.94	14.19	-5230.39
			Max. Vy	20	-40.86	5290.39	-9.08
			Max. Vx	14	40.38	14.19	-5230.39
			Max. Torque	24			9.57
L6	38.92 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-158.86	28.48	-20.77
			Max. Mx	20	-115.38	7320.42	-9.75
			Max. My	14	-115.38	15.05	-7237.38
			Max. Vy	20	-44.11	7320.42	-9.75
			Max. Vx	14	43.64	15.05	-7237.38
			Max. Torque	24			9.48

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	35	158.86	10.98	-6.33
	Max. H_x	20	115.40	44.06	-0.00
	Max. H_z	2	115.40	0.00	43.60

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
	Max. M_x	2	7217.83	0.00	43.60
	Max. M_z	8	7290.29	-44.06	-0.00
	Max. Torsion	24	9.48	21.82	37.75
	Min. Vert	17	86.55	21.82	-37.75
	Min. H_x	8	115.40	-44.06	-0.00
	Min. H_z	14	115.40	0.00	-43.60
	Min. M_x	14	-7237.38	0.00	-43.60
	Min. M_z	20	-7320.42	44.06	-0.00
	Min. Torsion	12	-9.46	-21.82	-37.75

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	96.17	-0.00	0.00	7.94	12.23	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	115.40	-0.00	-43.60	-7217.83	15.05	-7.88
0.9 Dead+1.0 Wind 0 deg - No Ice	86.55	-0.00	-43.60	-7103.02	10.94	-7.85
1.2 Dead+1.0 Wind 30 deg - No Ice	115.40	21.82	-37.75	-6249.52	-3601.80	-4.16
0.9 Dead+1.0 Wind 30 deg - No Ice	86.55	21.82	-37.75	-6150.44	-3547.12	-4.15
1.2 Dead+1.0 Wind 60 deg - No Ice	115.40	37.79	-21.80	-3604.03	-6249.51	0.66
0.9 Dead+1.0 Wind 60 deg - No Ice	86.55	37.79	-21.80	-3547.95	-6151.78	0.65
1.2 Dead+1.0 Wind 90 deg - No Ice	115.40	44.06	0.00	9.75	-7290.29	5.30
0.9 Dead+1.0 Wind 90 deg - No Ice	86.55	44.06	0.00	7.09	-7175.81	5.27
1.2 Dead+1.0 Wind 120 deg - No Ice	115.40	39.03	22.51	3746.76	-6462.94	8.51
0.9 Dead+1.0 Wind 120 deg - No Ice	86.55	39.03	22.51	3683.52	-6362.03	8.47
1.2 Dead+1.0 Wind 150 deg - No Ice	115.40	21.82	37.75	6269.06	-3601.82	9.46
0.9 Dead+1.0 Wind 150 deg - No Ice	86.55	21.82	37.75	6164.65	-3547.13	9.42
1.2 Dead+1.0 Wind 180 deg - No Ice	115.40	-0.00	43.60	7237.38	15.04	7.87
0.9 Dead+1.0 Wind 180 deg - No Ice	86.55	-0.00	43.60	7117.24	10.94	7.84
1.2 Dead+1.0 Wind 210 deg - No Ice	115.40	-21.82	37.75	6269.08	3631.92	4.18
0.9 Dead+1.0 Wind 210 deg - No Ice	86.55	-21.82	37.75	6164.67	3569.02	4.17
1.2 Dead+1.0 Wind 240 deg - No Ice	115.40	-37.79	21.80	3623.57	6279.65	-0.64
0.9 Dead+1.0 Wind 240 deg - No Ice	86.55	-37.79	21.80	3562.17	6173.70	-0.63
1.2 Dead+1.0 Wind 270 deg - No Ice	115.40	-44.06	0.00	9.75	7320.42	-5.29
0.9 Dead+1.0 Wind 270 deg - No Ice	86.55	-44.06	0.00	7.09	7197.72	-5.26
1.2 Dead+1.0 Wind 300 deg - No Ice	115.40	-39.03	-22.51	-3727.27	6493.03	-8.53
0.9 Dead+1.0 Wind 300 deg - No Ice	86.55	-39.03	-22.51	-3669.35	6383.90	-8.49
1.2 Dead+1.0 Wind 330 deg - No Ice	115.40	-21.82	-37.75	-6249.54	3631.90	-9.48
0.9 Dead+1.0 Wind 330 deg - No Ice	86.55	-21.82	-37.75	-6150.45	3569.00	-9.44
1.2 Dead+1.0 Ice+1.0 Temp	158.86	-0.00	0.00	20.77	28.48	-0.00

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	158.86	-0.00	-12.66	-2124.42	28.73	-3.74
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	158.86	6.34	-10.97	-1836.99	-1044.70	-2.06
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	158.86	10.98	-6.33	-1051.73	-1830.50	0.17
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	158.86	12.67	0.00	20.95	-2118.13	2.35
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	158.86	10.98	6.33	1093.63	-1830.52	3.91
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	158.86	6.34	10.97	1878.90	-1044.71	4.42
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	158.86	-0.00	12.66	2166.34	28.73	3.74
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	158.86	-6.34	10.97	1878.92	1102.18	2.06
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	158.86	-10.98	6.33	1093.65	1888.01	-0.17
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	158.86	-12.67	0.00	20.95	2175.64	-2.36
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	158.86	-10.98	-6.33	-1051.75	1888.00	-3.91
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	158.86	-6.34	-10.97	-1837.01	1102.17	-4.42
Dead+Wind 0 deg - Service	96.17	-0.00	-10.99	-1796.68	12.45	-2.00
Dead+Wind 30 deg - Service	96.17	5.50	-9.52	-1554.91	-890.70	-1.06
Dead+Wind 60 deg - Service	96.17	9.53	-5.49	-894.31	-1551.85	0.17
Dead+Wind 90 deg - Service	96.17	11.11	0.00	8.07	-1811.77	1.35
Dead+Wind 120 deg - Service	96.17	9.84	5.67	941.31	-1605.30	2.17
Dead+Wind 150 deg - Service	96.17	5.50	9.52	1571.06	-890.70	2.41
Dead+Wind 180 deg - Service	96.17	-0.00	10.99	1812.82	12.45	2.00
Dead+Wind 210 deg - Service	96.17	-5.50	9.52	1571.06	915.60	1.06
Dead+Wind 240 deg - Service	96.17	-9.53	5.49	910.46	1576.75	-0.17
Dead+Wind 270 deg - Service	96.17	-11.11	0.00	8.07	1836.67	-1.35
Dead+Wind 300 deg - Service	96.17	-9.84	-5.67	-925.17	1630.19	-2.17
Dead+Wind 330 deg - Service	96.17	-5.50	-9.52	-1554.91	915.60	-2.41

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-96.17	0.00	0.00	96.17	-0.00	0.000%
2	0.00	-115.40	-43.60	0.00	115.40	43.60	0.000%
3	0.00	-86.55	-43.60	0.00	86.55	43.60	0.000%
4	21.82	-115.40	-37.75	-21.82	115.40	37.75	0.000%
5	21.82	-86.55	-37.75	-21.82	86.55	37.75	0.000%
6	37.79	-115.40	-21.80	-37.79	115.40	21.80	0.000%
7	37.79	-86.55	-21.80	-37.79	86.55	21.80	0.000%
8	44.06	-115.40	0.00	-44.06	115.40	-0.00	0.000%
9	44.06	-86.55	0.00	-44.06	86.55	-0.00	0.000%
10	39.03	-115.40	22.51	-39.03	115.40	-22.51	0.000%
11	39.03	-86.55	22.51	-39.03	86.55	-22.51	0.000%
12	21.82	-115.40	37.75	-21.82	115.40	-37.75	0.000%
13	21.82	-86.55	37.75	-21.82	86.55	-37.75	0.000%
14	0.00	-115.40	43.60	0.00	115.40	-43.60	0.000%
15	0.00	-86.55	43.60	0.00	86.55	-43.60	0.000%
16	-21.82	-115.40	37.75	21.82	115.40	-37.75	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
17	-21.82	-86.55	37.75	21.82	86.55	-37.75	0.000%
18	-37.79	-115.40	21.80	37.79	115.40	-21.80	0.000%
19	-37.79	-86.55	21.80	37.79	86.55	-21.80	0.000%
20	-44.06	-115.40	0.00	44.06	115.40	-0.00	0.000%
21	-44.06	-86.55	0.00	44.06	86.55	-0.00	0.000%
22	-39.03	-115.40	-22.51	39.03	115.40	22.51	0.000%
23	-39.03	-86.55	-22.51	39.03	86.55	22.51	0.000%
24	-21.82	-115.40	-37.75	21.82	115.40	37.75	0.000%
25	-21.82	-86.55	-37.75	21.82	86.55	37.75	0.000%
26	0.00	-158.86	0.00	0.00	158.86	-0.00	0.000%
27	0.00	-158.86	-12.66	0.00	158.86	12.66	0.000%
28	6.34	-158.86	-10.97	-6.34	158.86	10.97	0.000%
29	10.98	-158.86	-6.33	-10.98	158.86	6.33	0.000%
30	12.67	-158.86	0.00	-12.67	158.86	-0.00	0.000%
31	10.98	-158.86	6.33	-10.98	158.86	-6.33	0.000%
32	6.34	-158.86	10.97	-6.34	158.86	-10.97	0.000%
33	0.00	-158.86	12.66	0.00	158.86	-12.66	0.000%
34	-6.34	-158.86	10.97	6.34	158.86	-10.97	0.000%
35	-10.98	-158.86	6.33	10.98	158.86	-6.33	0.000%
36	-12.67	-158.86	0.00	12.67	158.86	-0.00	0.000%
37	-10.98	-158.86	-6.33	10.98	158.86	6.33	0.000%
38	-6.34	-158.86	-10.97	6.34	158.86	10.97	0.000%
39	0.00	-96.17	-10.99	0.00	96.17	10.99	0.000%
40	5.50	-96.17	-9.52	-5.50	96.17	9.52	0.000%
41	9.53	-96.17	-5.49	-9.53	96.17	5.49	0.000%
42	11.11	-96.17	0.00	-11.11	96.17	-0.00	0.000%
43	9.84	-96.17	5.67	-9.84	96.17	-5.67	0.000%
44	5.50	-96.17	9.52	-5.50	96.17	-9.52	0.000%
45	0.00	-96.17	10.99	0.00	96.17	-10.99	0.000%
46	-5.50	-96.17	9.52	5.50	96.17	-9.52	0.000%
47	-9.53	-96.17	5.49	9.53	96.17	-5.49	0.000%
48	-11.11	-96.17	0.00	11.11	96.17	-0.00	0.000%
49	-9.84	-96.17	-5.67	9.84	96.17	5.67	0.000%
50	-5.50	-96.17	-9.52	5.50	96.17	9.52	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000399
2	Yes	5	0.00000001	0.00081691
3	Yes	5	0.00000001	0.00040632
4	Yes	6	0.00000001	0.00040003
5	Yes	6	0.00000001	0.00013834
6	Yes	6	0.00000001	0.00041227
7	Yes	6	0.00000001	0.00014306
8	Yes	5	0.00000001	0.00056937
9	Yes	5	0.00000001	0.00028227
10	Yes	6	0.00000001	0.00048494
11	Yes	6	0.00000001	0.00016794
12	Yes	6	0.00000001	0.00038704
13	Yes	6	0.00000001	0.00013279
14	Yes	5	0.00000001	0.00081960
15	Yes	5	0.00000001	0.00040688
16	Yes	6	0.00000001	0.00044406
17	Yes	6	0.00000001	0.00015350
18	Yes	6	0.00000001	0.00043039
19	Yes	6	0.00000001	0.00014812
20	Yes	5	0.00000001	0.00057220
21	Yes	5	0.00000001	0.00028280
22	Yes	6	0.00000001	0.00041811
23	Yes	6	0.00000001	0.00014179
24	Yes	6	0.00000001	0.00046440
25	Yes	6	0.00000001	0.00016226
26	Yes	4	0.00000001	0.00031037

27	Yes	6	0.00000001	0.00019250
28	Yes	6	0.00000001	0.00023245
29	Yes	6	0.00000001	0.00023567
30	Yes	6	0.00000001	0.00018398
31	Yes	6	0.00000001	0.00026543
32	Yes	6	0.00000001	0.00024287
33	Yes	6	0.00000001	0.00019991
34	Yes	6	0.00000001	0.00027274
35	Yes	6	0.00000001	0.00026487
36	Yes	6	0.00000001	0.00019445
37	Yes	6	0.00000001	0.00024725
38	Yes	6	0.00000001	0.00027434
39	Yes	4	0.00000001	0.00069716
40	Yes	5	0.00000001	0.00007788
41	Yes	5	0.00000001	0.00008393
42	Yes	4	0.00000001	0.00050430
43	Yes	5	0.00000001	0.00012647
44	Yes	5	0.00000001	0.00007901
45	Yes	4	0.00000001	0.00071339
46	Yes	5	0.00000001	0.00010917
47	Yes	5	0.00000001	0.00009931
48	Yes	4	0.00000001	0.00052322
49	Yes	5	0.00000001	0.00008764
50	Yes	5	0.00000001	0.00012425

Maximum Tower Deflections - Service Wind

Section No.	Elevation	Horz. Deflection	Gov. Load	Tilt	Twist
	ft	in	Comb.	°	°
L1	225.79 - 197.75	39.3284	49	1.78	0.02
L2	201.83 - 162.72	30.7490	49	1.60	0.01
L3	167.86 - 120.09	20.3228	49	1.30	0.01
L4	126.48 - 78.99	10.8193	49	0.87	0.00
L5	86.57 - 38.92	4.8476	49	0.54	0.00
L6	47.64 - 0	1.4616	49	0.28	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation	Appurtenance	Gov. Load	Deflection	Tilt	Twist	Radius of Curvature
ft		Comb.	in	°	°	ft
228.00	(2) MX06FRO660-03 w/ Mount Pipe	49	39.3284	1.78	0.02	26020
226.00	Lightning Rod 5/8"x5'	49	39.3284	1.78	0.02	26020
218.00	MX08FRO665-21 w/ Mount Pipe	49	36.4820	1.72	0.02	16701
205.00	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	49	31.8421	1.62	0.01	6270
196.00	800 10121 w/ Mount Pipe	49	28.7917	1.55	0.01	5509
185.00	APXV18-206517S-C w/ Mount Pipe	49	25.2883	1.46	0.01	5667
173.00	800 EXTERNAL NOTCH FILTER	49	21.7488	1.35	0.01	5849
172.00	APXVTM14-C-120 w/ Mount Pipe	49	21.4671	1.34	0.01	5865
113.00	Beacon side markers	49	8.4816	0.75	0.00	6429
72.00	Side Arm Mount [SO 701-1]	49	3.3082	0.43	0.00	7897

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	225.79 - 197.75	156.4007	22	7.02	0.08
L2	201.83 - 162.72	122.5559	22	6.36	0.05
L3	167.86 - 120.09	81.1329	22	5.17	0.02
L4	126.48 - 78.99	43.2325	22	3.50	0.01
L5	86.57 - 38.92	19.3745	22	2.15	0.00
L6	47.64 - 0	5.8407	22	1.11	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
228.00	(2) MX06FRO660-03 w/ Mount Pipe	22	156.4007	7.02	0.08	7558
226.00	Lightning Rod 5/8"x5'	22	156.4007	7.02	0.08	7558
218.00	MX08FRO665-21 w/ Mount Pipe	22	145.1847	6.81	0.07	4850
205.00	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	22	126.8772	6.46	0.05	1818
196.00	800 10121 w/ Mount Pipe	22	114.8060	6.18	0.04	1565
185.00	APXV18-206517S-C w/ Mount Pipe	22	100.8993	5.81	0.03	1547
173.00	800 EXTERNAL NOTCH FILTER	22	86.8139	5.37	0.02	1515
172.00	APXVTM14-C-120 w/ Mount Pipe	22	85.6920	5.33	0.02	1512
113.00	Beacon side markers	22	33.8971	3.00	0.01	1622
72.00	Side Arm Mount [SO 701-1]	22	13.2213	1.74	0.00	1978

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	225.79 - 197.75 (1)	TP28.6563x21.5x0.1875	28.04	0.00	0.0	16.3228	-11.91	954.88	0.012
L2	197.75 - 162.72 (2)	TP37.0938x27.24x0.375	39.11	0.00	0.0	42.1631	-29.47	2466.54	0.012
L3	162.72 - 120.09 (3)	TP47.1563x35.0487x0.4375	47.77	0.00	0.0	62.6258	-43.61	3663.61	0.012
L4	120.09 - 78.99 (4)	TP56.6563x44.6617x0.5	47.49	0.00	0.0	86.0817	-61.43	5035.78	0.012
L5	78.99 - 38.92 (5)	TP65.7813x53.7418x0.5625	47.65	0.00	0.0	112.5060	-83.88	6581.62	0.013
L6	38.92 - 0 (6)	TP74.5x62.453x0.5625	47.64	0.00	0.0	132.0060	-115.38	7722.36	0.015

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	225.79 - 197.75 (1)	TP28.6563x21.5x0.1875	257.97	596.72	0.432	0.00	596.72	0.000

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L2	197.75 - 162.72 (2)	TP37.0938x27.24x0.375	1051.01	2275.65	0.462	0.00	2275.65	0.000
L3	162.72 - 120.09 (3)	TP47.1563x35.0487x0.4375	2386.07	4220.43	0.565	0.00	4220.43	0.000
L4	120.09 - 78.99 (4)	TP56.6563x44.6617x0.5	3841.31	6884.04	0.558	0.00	6884.04	0.000
L5	78.99 - 38.92 (5)	TP65.7813x53.7418x0.5625	5408.87	10359.42	0.522	0.00	10359.42	0.000
L6	38.92 - 0 (6)	TP74.5x62.453x0.5625	7486.78	13554.17	0.552	0.00	13554.17	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	225.79 - 197.75 (1)	TP28.6563x21.5x0.1875	14.91	286.46	0.052	0.71	688.08	0.001
L2	197.75 - 162.72 (2)	TP37.0938x27.24x0.375	30.12	739.96	0.041	8.74	2295.53	0.004
L3	162.72 - 120.09 (3)	TP47.1563x35.0487x0.4375	34.34	1099.08	0.031	8.71	4340.89	0.002
L4	120.09 - 78.99 (4)	TP56.6563x44.6617x0.5	38.37	1510.73	0.025	8.69	7176.32	0.001
L5	78.99 - 38.92 (5)	TP65.7813x53.7418x0.5625	41.89	1974.49	0.021	8.53	10896.33	0.001
L6	38.92 - 0 (6)	TP74.5x62.453x0.5625	45.11	2316.71	0.019	8.53	15000.83	0.001

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	225.79 - 197.75 (1)	0.012	0.432	0.000	0.052	0.001	0.448	1.050	4.8.2
L2	197.75 - 162.72 (2)	0.012	0.462	0.000	0.041	0.004	0.476	1.050	4.8.2
L3	162.72 - 120.09 (3)	0.012	0.565	0.000	0.031	0.002	0.578	1.050	4.8.2
L4	120.09 - 78.99 (4)	0.012	0.558	0.000	0.025	0.001	0.571	1.050	4.8.2
L5	78.99 - 38.92 (5)	0.013	0.522	0.000	0.021	0.001	0.535	1.050	4.8.2
L6	38.92 - 0 (6)	0.015	0.552	0.000	0.019	0.001	0.568	1.050	4.8.2

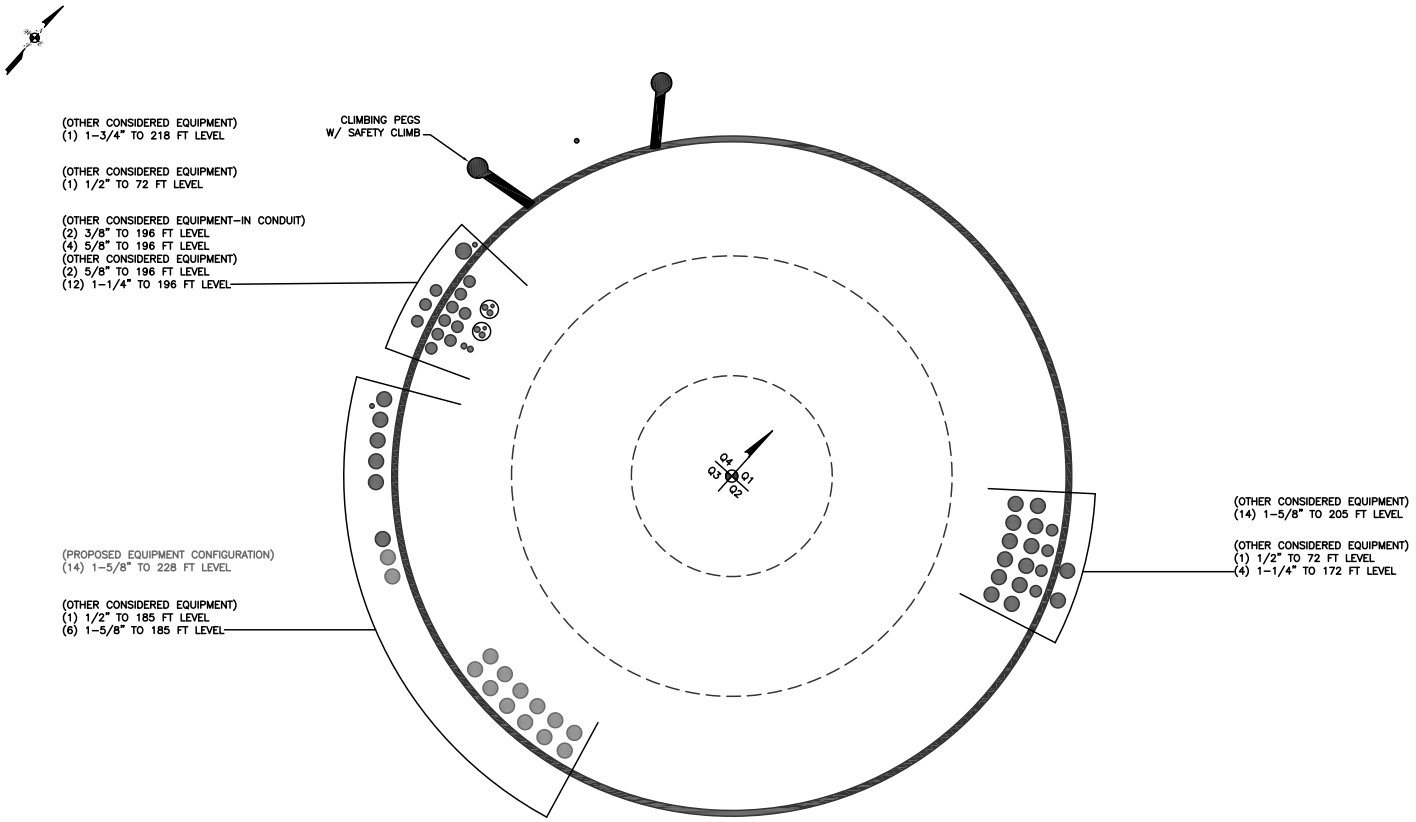
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	225.79 - 197.75	Pole	TP28.6563x21.5x0.1875	1	-11.91	1002.63	42.6	Pass
L2	197.75 - 162.72	Pole	TP37.0938x27.24x0.375	2	-29.47	2589.87	45.3	Pass
L3	162.72 - 120.09	Pole	TP47.1563x35.0487x0.4375	3	-43.61	3846.79	55.1	Pass
L4	120.09 - 78.99	Pole	TP56.6563x44.6617x0.5	4	-61.43	5287.57	54.4	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L5	78.99 - 38.92	Pole	TP65.7813x53.7418x0.5625	5	-83.88	6910.70	51.0	Pass
L6	38.92 - 0	Pole	TP74.5x62.453x0.5625	6	-115.38	8108.48	54.1	Pass
							Summary	
						Pole (L3)	55.1	Pass
						RATING =	**55.1**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 1-3/4" TO 218 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 72 FT LEVEL
(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(2) 3/8" TO 196 FT LEVEL
(4) 5/8" TO 196 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(2) 5/8" TO 196 FT LEVEL
(12) 1-1/4" TO 196 FT LEVEL
Q4
Q3
Q1
Q2
(OTHER CONSIDERED EQUIPMENT)
(14) 1-5/8" TO 205 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 72 FT LEVEL
(4) 1-1/4" TO 172 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(14) 1-5/8" TO 228 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 185 FT LEVEL
(6) 1-5/8" TO 185 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

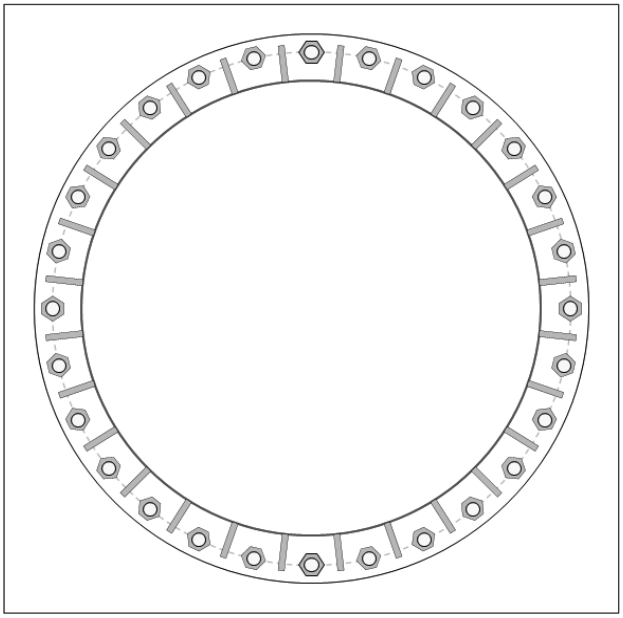
Monopole Base Plate Connection

Site Info	
BU #	806358
Site Name	NHV 109 943107
Order #	601328 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.5625

Applied Loads	
Moment (kip-ft)	7486.78
Axial Force (kips)	115.38
Shear Force (kips)	45.11

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(28) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 84" BC

Base Plate Data

90" OD x 2.5" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Stiffener Data

(28) 18"H x 6"W x 1"T, Notch: 1"
plate: Fy= 50 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.5" groove, 45° dbl bevel, 0.5" fillet
vert. weld: 0.5" fillet

Pole Data

74.5" x 0.5625" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary		*(units of kips, kip-in)*
Pu_t = 148.63	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.61	ϕVn = 149.1	**58.1%**
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary		
Max Stress (ksi):	20.61	(Roark's Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**43.6%**	Pass

Stiffener Summary		
Horizontal Weld:	**40.9%**	Pass
Vertical Weld:	**25.9%**	Pass
Plate Flexure+Shear:	**9.2%**	Pass
Plate Tension+Shear:	**41.2%**	Pass
Plate Compression:	**40.4%**	Pass
Pole Summary		
Punching Shear:	**6.4%**	Pass

Monopole Base Reaction Comparison Test

BU # :	806358
Site Name:	NHV 109 943107
Order Number:	601328 Rev. 0
Design TIA:	TIA-222-F
Current TIA:	TIA-222-H
Component:	Monopole Base
Reference Doc ID:	821496

TIA-222-F Compared To TIA-222-H

MONOPOLE BASE FOUNDATION REACTION COMPARISON

REACTIONS	DESIGN REACTIONS	*MODIFIED DESIGN REACTIONS	CURRENT REACTIONS	% CAPACITY
MOMENT (kip-ft)	8439.1	11392.8	7487.0	62.6%
SHEAR (kips)	50.8	68.6	45.0	62.5%

Deisgn loads from: CCIsites Doc #821496

*Design loads were multiplied by 1.35 for comparison as allowed by TIA-222-H, Section 15.6.

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Elevation: 666.03 ft (NAVD 88)
Latitude: 41.493589
Longitude: -73.165272

Wind

Results:

Wind Speed	116 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Fri Jan 14 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

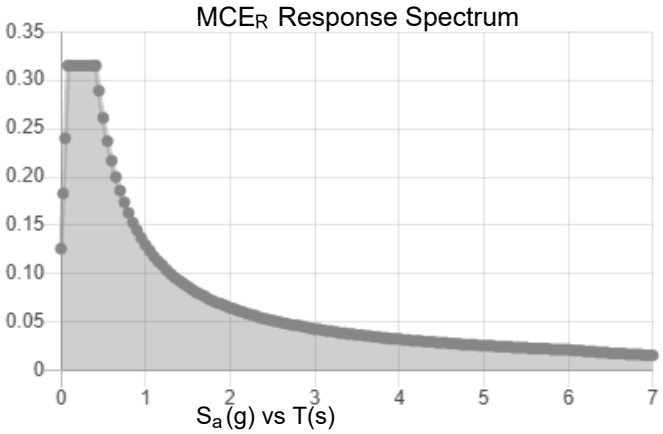
Seismic

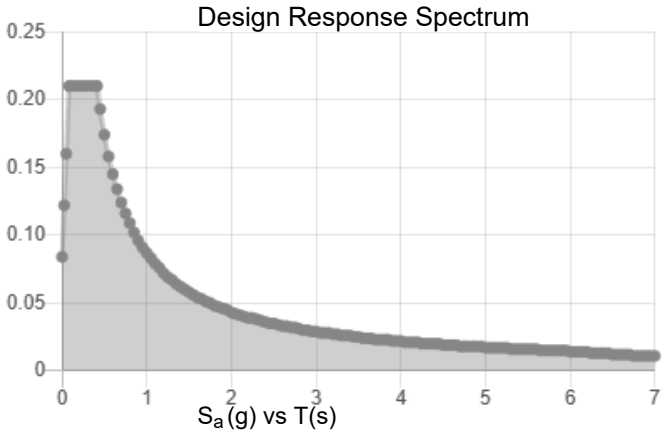
Site Soil Class: D - Default (see Section 11.4.3)

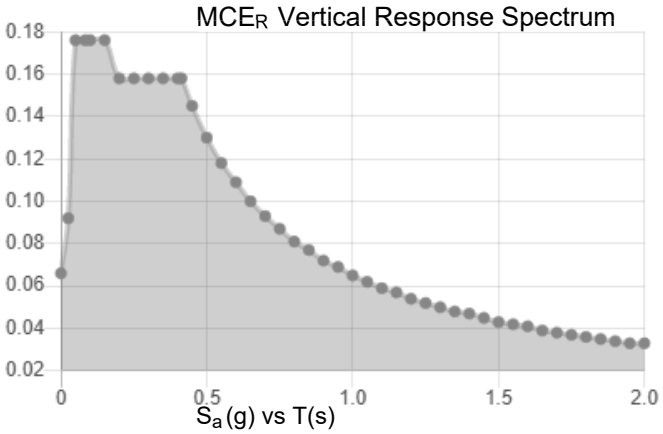
Results:

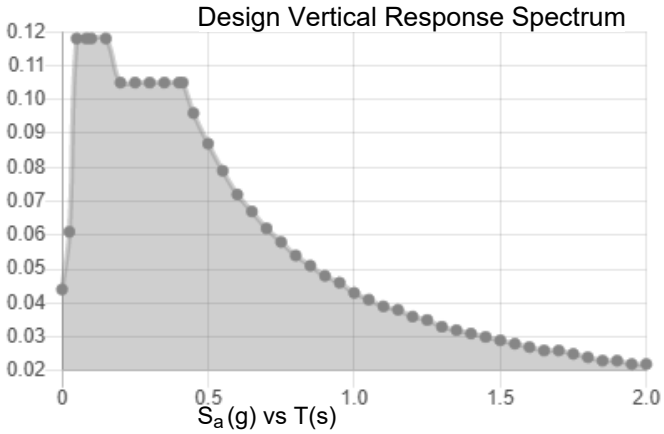
S_S :	0.197	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.109
F_v :	2.4	PGA_M :	0.173
S_{MS} :	0.315	F_{PGA} :	1.581
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.21	C_v :	0.7

Seismic Design Category B









Data Accessed: **Fri Jan 14 2022**

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Fri Jan 14 2022

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Exhibit E

Mount Analysis

Maser Consulting Connecticut
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@colliersengineering.com

Antenna Mount Analysis Report

Mount Analysis

SMART Tool Project #: 10126708
Maser Consulting Connecticut Project #: 22777005A

April 4, 2022

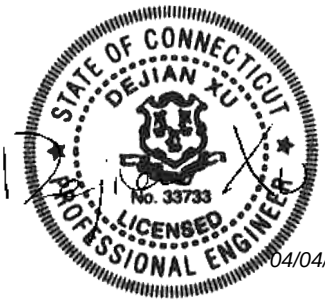
Site Information	*Site ID:*	*467553-VZW / SOUTHBURY CT*
	Site Name:	*SOUTHBURY CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1432 Old Waterbury Rd.* *Southbury, Connecticut 06488* *New Haven County*
	Latitude:	*41.493417°*
	Longitude:	*-73.165390°*
Structure Information	*Tower Type:*	*225-Ft Monopole*
	Mount Type:	*10.75-Ft Platform*

FUZE ID # 16092569

Analysis Results

Platform: **107.0% Fail**

Report Prepared By: Carol Luengas



04/04/2022

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 324864, dated January 4, 2022
Mount Mapping	RKS Design & Engineering, LLC Site ID: CC:806358, dated March 24, 2022

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	116 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.976
Seismic Parameters:	S_S:	0.20 g
	S_1:	0.05 g
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
228.00	230.00	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4440d-13A	
		3	Samsung	RF4439d-25A	
		2	Raycap	RRFDC-3315-PF-48	Retained

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.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. 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
Face Horizontal	36.5%	Pass
Crossmember	36.9%	Pass
Corner Plate	4.0%	Pass
Corner Channel	15.7%	Pass
Support Rail	46.0%	Pass
Face Bracing	**107.0%**	**Fail**
Corner HHS	5.0%	Pass
Proposed Pipe	15.0%	Pass
Mount Pipe	7.4%	Pass
Ladder	9.6%	Pass
Ladder Rungs	2.2%	Pass
Threaded Rods	89.1%	Pass
Mount Connection	45.3%	Pass

Structure Rating – ***(Controlling Utilization of all Components)***	**107.0%**

Recommendation:

The existing mount is **INSUFFICIENT** for the final loading. The following modification will be required prior to any installation:

- Install angle kick backs

If the modification listed above is installed, the maximum structure rating will be **72.5%**. Please note that this modification and structure rating are based on preliminary calculations and are for reference only. A final modification packet (including design drawings) can be provided under a separate scope of work. Separate modification design fees will apply.

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 Photos
2. Cost Estimate
3. Mount Mapping Report (for reference only)
4. Analysis Calculations
5. Antenna Placement Diagrams


03/24/2022


03/23/2022

MASER CONSULTING	**Antenna Mount Modification Cost Estimate**			**RECOMMENDATION**	**MODIFICATION**	**Mount Capacity - Pre Mod**	**103.7%**	**M/A Project Number:**	**10126708**
						Mount Capacity - Post Mod - Passing	**88.8%**	**Offer 2 Mods**	**1 Mod**
	Client Name:	**Verizon Wireless New England**				**Mount Capacity - Post Mod - Extra Capacity**		**Wind Speed (mph):**	**116**
	Site Name:	**SOUTHBURY CT**				**Structure Type:**	**Monopole**	**Design ANSI/TIA Standard:**	**EIA-222-H**
	Site Number or ID:	**467553-VZW / SOUTHBURY CT**		**State**	**Connecticut**	**RAD Elevation (ft.):**	**228.00**	**M/A Completed Date:**	**March 31, 2022**

Cost Estimate

Mount Kit	Description	Quantity	Unit Cost	Item Cost*	VENDOR	COMMENTS
MOUNT MODIFICATION - PASSING						**PASSING FIX - NOTES**
Custom Kit	**Additional Non-Standard Parts**	**1**	**$27.78**	**$27.78**	**Custom**	• Install angle kick backs
	TOTAL MATERIAL COSTS - EXCLUDES SHIPPING & TAXES			**$27.78**	**VZWSMART**	**ADDITIONAL COMMENTS**
	INSTALLATION ESTIMATED DAYS	**1.0**	**$3000.00**	**$3000.00**	**GC ON INSTALL**	**ESTIMATES ASSUME THE GC COMPLETES MODIFICATION AS PART OF SITE WORK**
	TOTAL ESTIMATED COSTS:		**88.8%**	**$3027.78**		**NO ADDITIONAL MOBILIZATION CONSIDERED OR SPECIFIC LIFTING EQUIPMENT**
NOT APPROVED FOR CONSTRUCTION – SEE FORMAL MODIFICATION DRAWINGS DO NOT ORDER MATERIALS BASED ON COST ESTIMATE SINCE FINAL DESIGN MAY VARY						**ESTIMATES EXCLUDE SHIPPING & TAXES IF APPLICABLE**

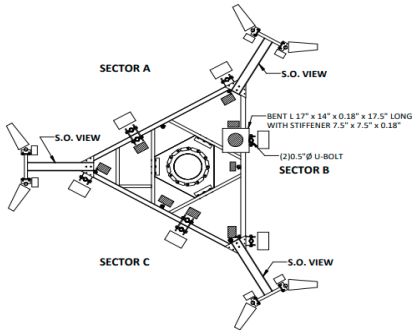
V4.1 Updated on 12-17-2021

Antenna Mount Mapping Form (PATENT PENDING)

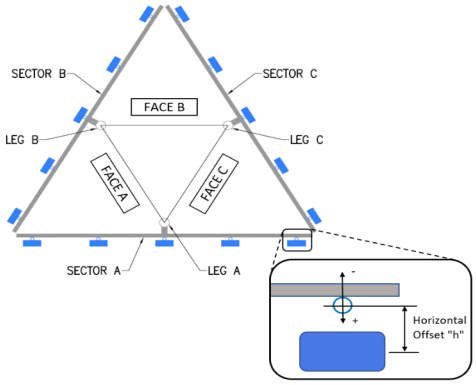
Colliers Engineering & Design

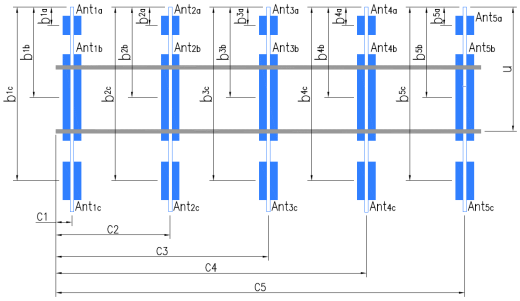
FCC # 1055868

Tower Owner:	CC	**Mapping Date:**	3/24/2022
Site Name:	VZW:SOUTHBURY	**Tower Type:**	Monopole
Site Number or ID:	CC:806358 VZW:467553	**Tower Height (Ft.):**	225
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	226.7



ANTENNA PLAN VIEW





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	Pipe 2.39"Ø X 0.16" X 80.5" Long	58.50	45.50	C1	Pipe 2.39"Ø X 0.16" X 80.5" Long	58.50	45.50
A2	Pipe 2.39"Ø X 0.16" X 80.5" Long	58.50	116.50	C2	Pipe 2.39"Ø X 0.16" X 80.5" Long	58.50	116.50
A3				C3			
A4				C4			
A5				C5			
A6				C6			
B1	Pipe 2.39"Ø X 0.16" X 80.5" Long	58.50	45.50	D1			
B2	Pipe 2.39"Ø X 0.16" X 80.5" Long	58.50	116.50	D2			
B3				D3			
B4				D4			
B5				D5			
B6				D6			

Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	

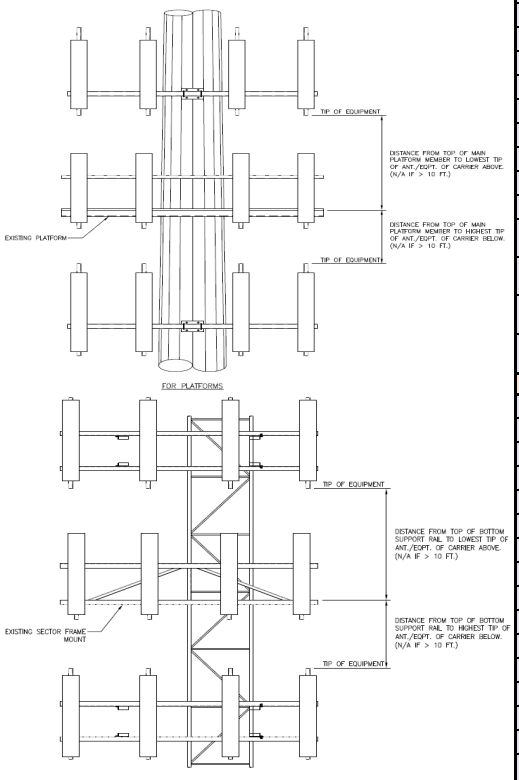
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	25

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	B4 RRH2x60-48	10.50	5.75	36.50		229.72	22.25	-6.25		182
Ant_{1b}	SBNHH-1D65B	12.00	7.00	73.00		228.79	33.50	9.00	30.00	11, 182
Ant_{1c}										
Ant_{2a}	B13 RRH4x30	12.00	9.00	21.50		228.64	35.25	-6.25		184
Ant_{2b}	SBNHH-1D65B	12.00	7.00	73.00		228.875	32.50	8.50	30.00	11, 184
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	(2)LPA 80080/6CF E-D	5.75	12.50	71.50		228.93	31.75	16.00	30.00	182, 184
Ant on Standoff	(2)UNKNOWN-TME	7.00	1.50	5.00		227.83	45.00			400
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector					Tower Leg Azimuth (Degree) for Each Sector
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	0.00 Deg	N/A
Climbing Facility	Corrosion Type:	N/A
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.

Please insert a photo of the mount centerline measurement here.



Sector B										
Ant_{1a}	B4 RRH2x60-48	10.50	5.75	36.50		229.72	22.25	-6.25		187
Ant_{1b}	SBNHH-1D65B	12.00	7.00	73.00		228.79	33.50	9.00	150.00	22, 186
Ant_{1c}	FLASH LIGHT	16.00	16.00	7.00		232.16	-7.00	-9.00		414
Ant_{2a}	B13 RRH4x30	12.00	9.00	21.50		228.64	35.25	-6.25		188
Ant_{2b}	SBNHH-1D65B	12.00	7.00	73.00		228.875	32.50	8.50	150.00	22, 188, 189
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	10.50	5.75	36.50		225.75				133
Ant on Standoff	(2)LPA 80080/6CF E-D	5.75	12.50	71.50		228.93	31.75	16.00	150.00	408, 453
Ant on Tower	(2)UNKNOWN-TME	7.00	1.50	5.00		227.83	45.00	-4.00		409, 452
Ant on Tower	LIGHTINING ROD	0.63	0.63	48.00		232				22
Sector C										
Ant_{1a}	B4 RRH2x60-48	10.50	5.75	36.50		229.72	22.25	-6.25		146
Ant_{1b}	SBNHH-1D65B	12.00	7.00	73.00		228.79	33.50	9.00	270.00	27, 144, 145
Ant_{1c}										
Ant_{2a}	B13 RRH4x30	12.00	9.00	21.50		228.64	35.25	-6.25		162
Ant_{2b}	SBNHH-1D65B	12.00	7.00	73.00		228.875	32.50	8.50	270.00	27, 160, 161
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	(2)LPA 80080/6CF E-D	5.75	12.50	71.50		228.93	31.75	16.00	270.00	141
Ant on Standoff	RRFDC-3315-PF-48	15.75	10.25	25.00		225.75				153
Ant on Tower	(2)UNKNOWN-TME	7.00	1.50	5.00		227.83	45.00	-4.00		400
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	COAX TOTAL (14): (12) FH 1 5/8 ACTIVE, (2) 1.56"Ø HYBRID	
2		
3		
4		
5		
6		
7		
8		

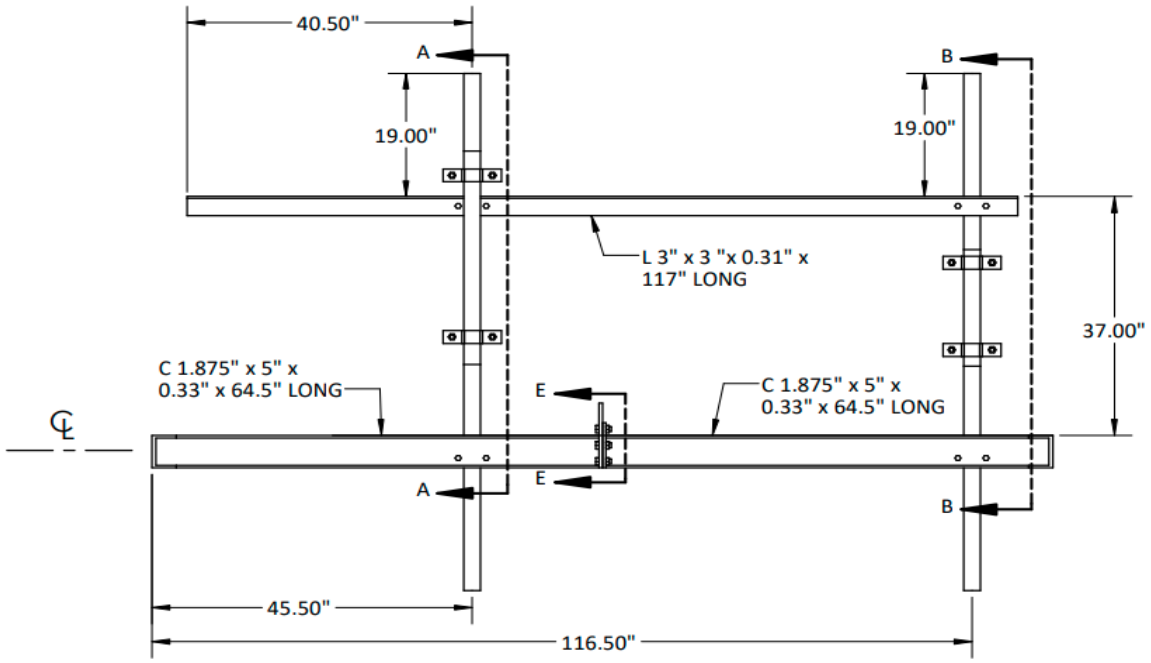
Mapping Notes
1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use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

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

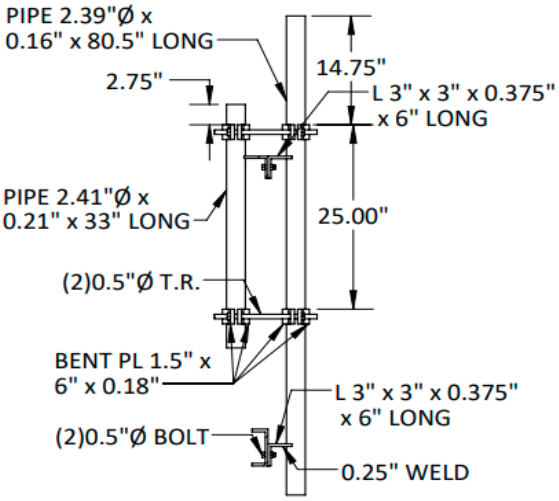
V4.1 Updated on 12-17-2021

SMART Tool© Vendor	Antenna Mount Mapping Form (PATENT PENDING)		FCC # 1055868
Tower Owner:	CC	**Mapping Date:**	3/24/2022
Site Name:	VZW:SOUTHBURY	**Tower Type:**	Monopole
Site Number or ID:	CC:806358 VZW:467553	**Tower Height (Ft.):**	225
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	226.7

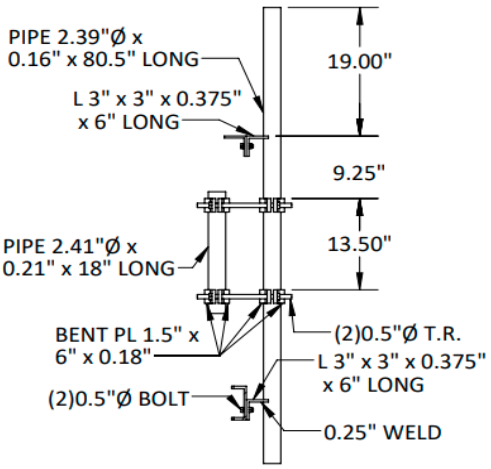
Please Insert Sketches of the Antenna Mount



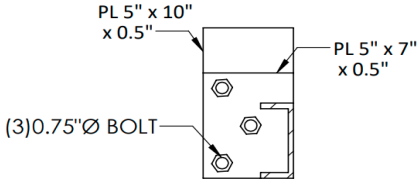
SECTOR A, B & C



SECTION A-A

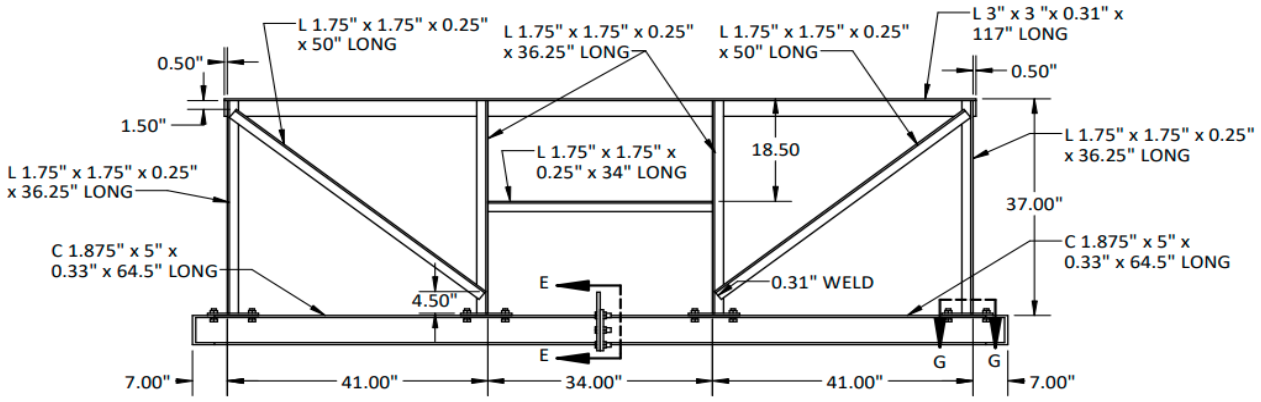


SECTION B-B

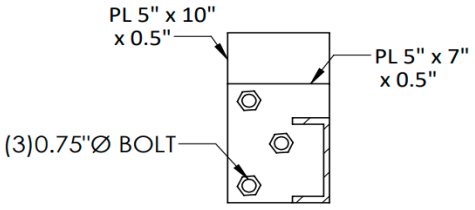


SECTION E-E

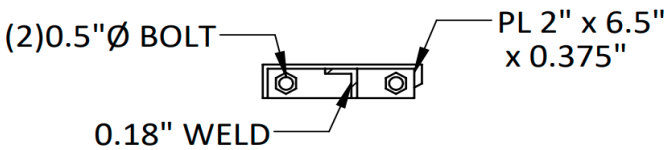
Please Insert Sketches of the Antenna Mount, cont'd



SECTOR VIEW

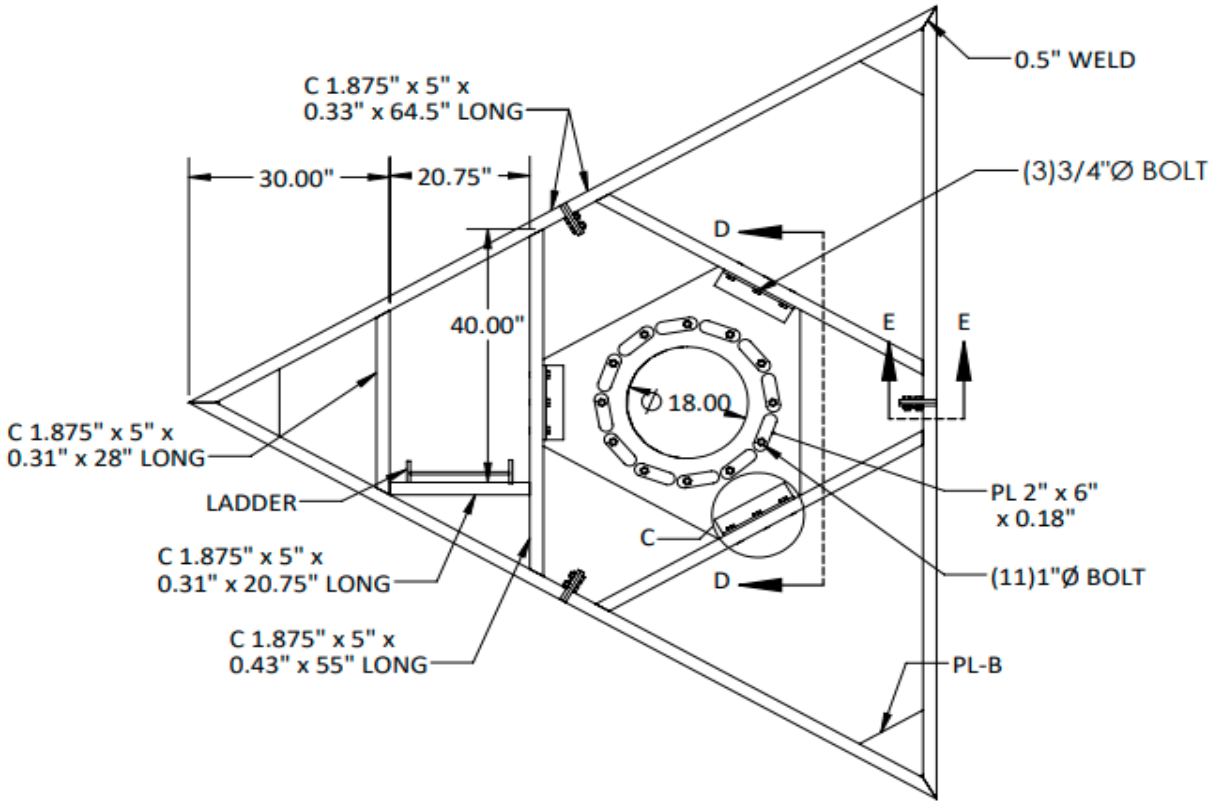


SECTION E-E

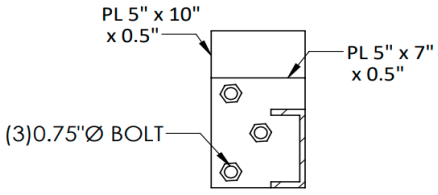


SECTION G-G

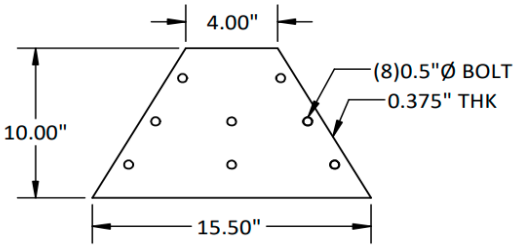
Please Insert Sketches of the Antenna Mount, cont'd



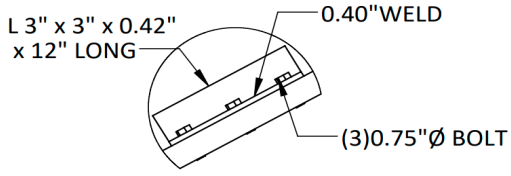
MOUNT PLAN VIEW



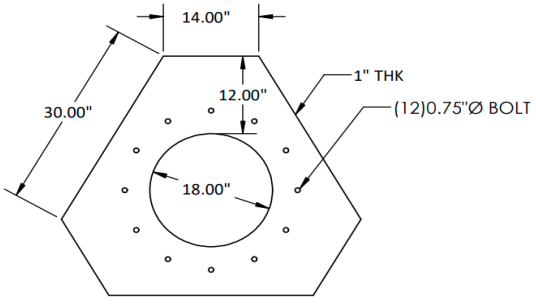
SECTION E-E



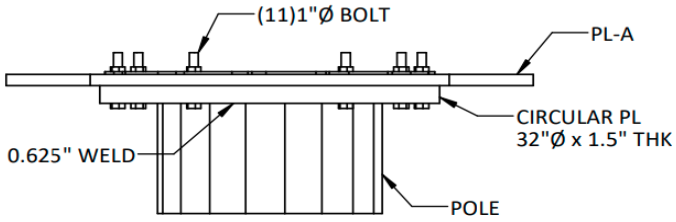
PL-2 DETAIL



DETAIL C

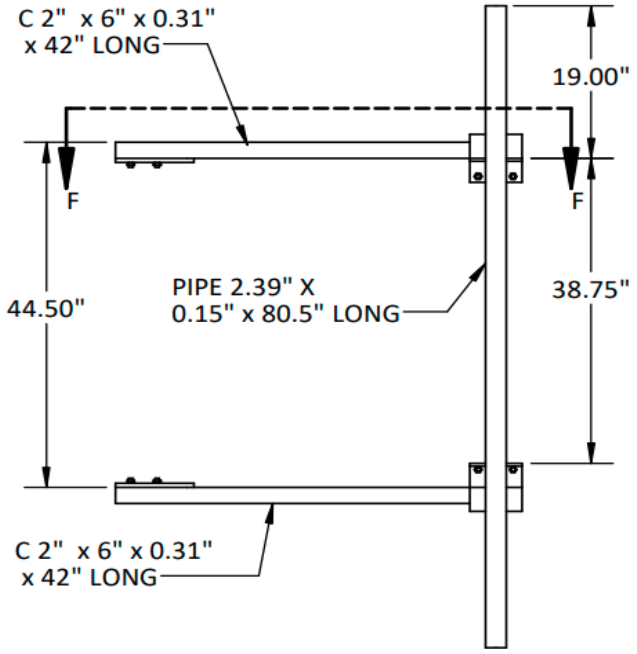


PL-A DETAIL

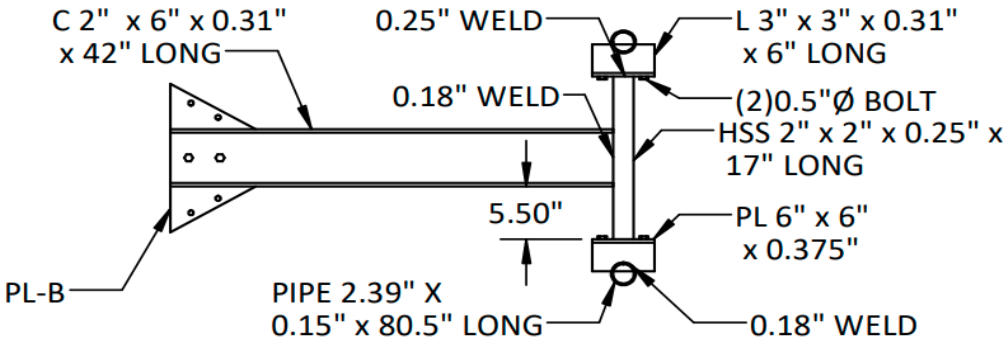


SECTION D-D

Please Insert Sketches of the Antenna Mount, cont'd

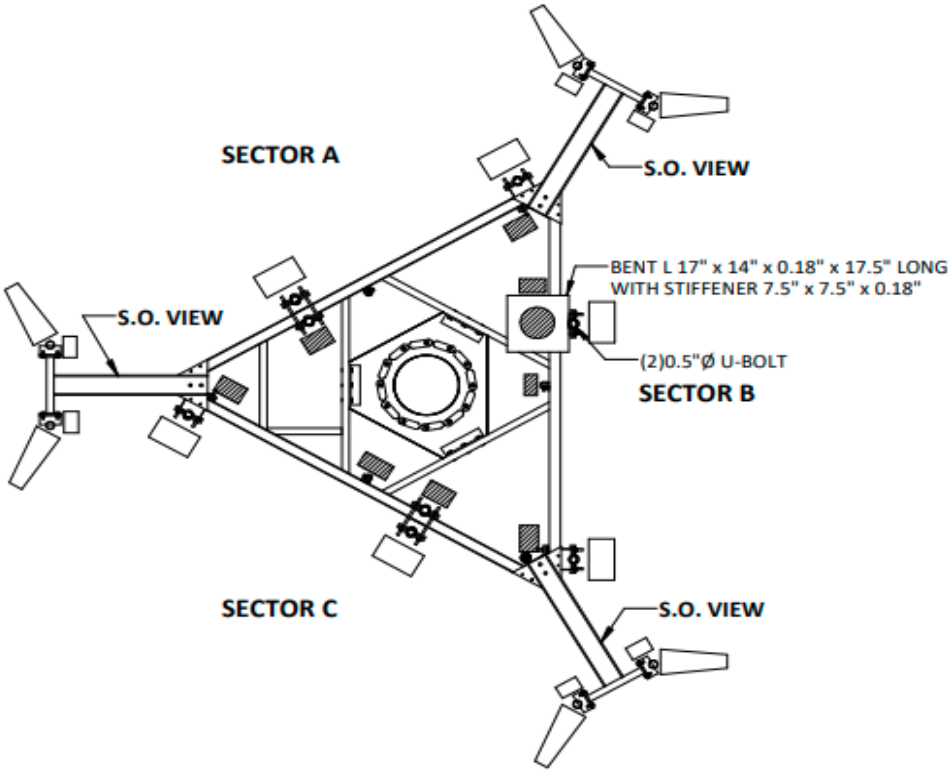


STAND OFF VIEW

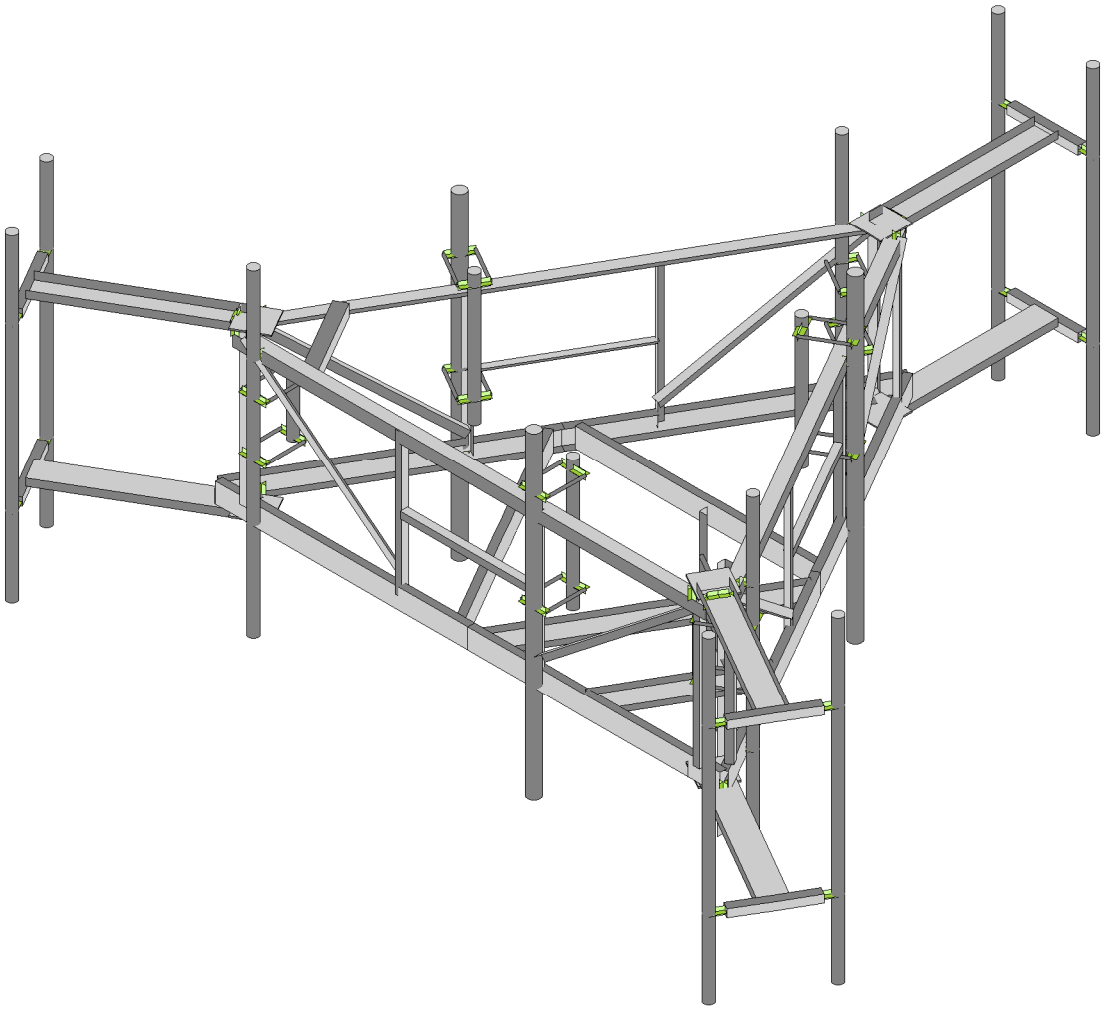


SECTION F-F

Please Insert Sketches of the Antenna Mount, cont'd

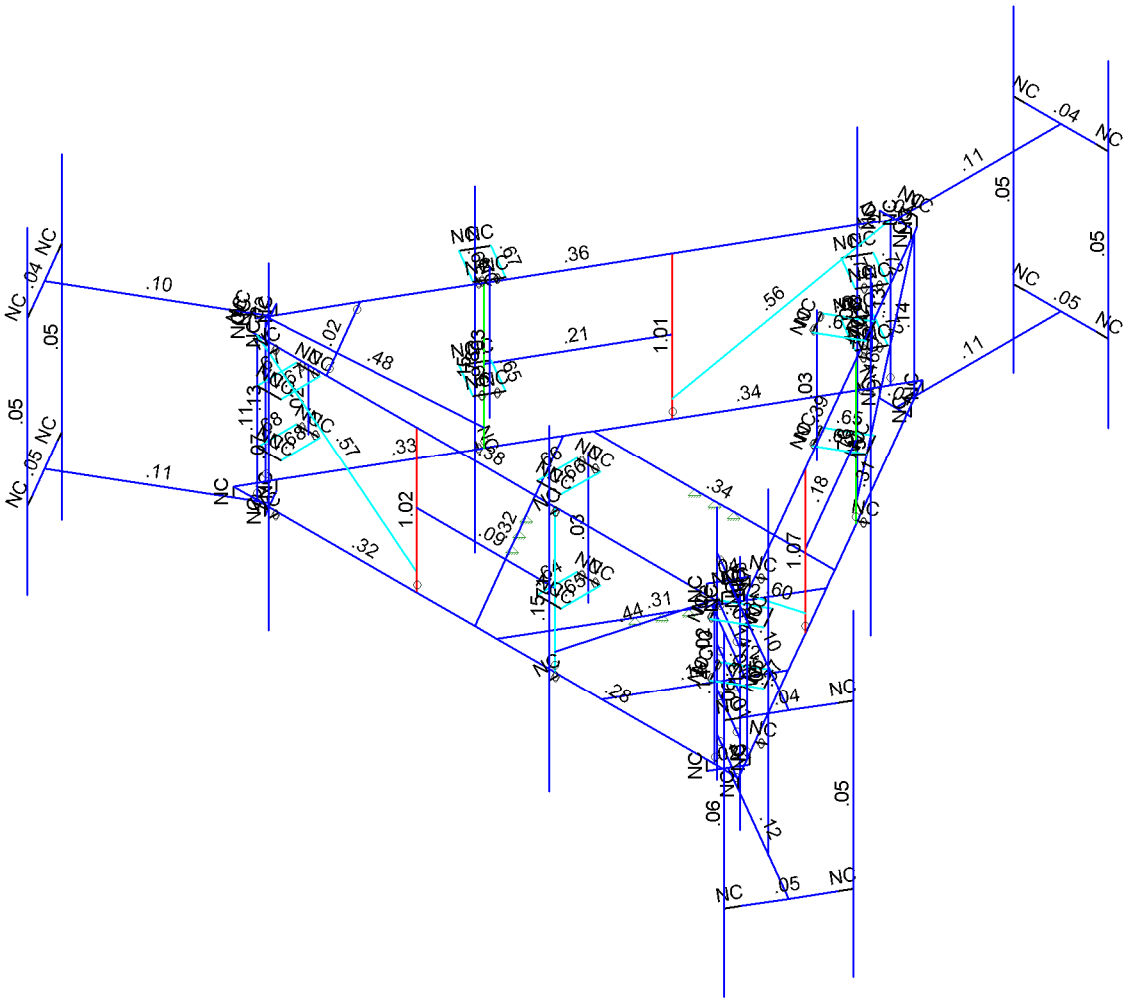


ANTENNA PLAN VIEW



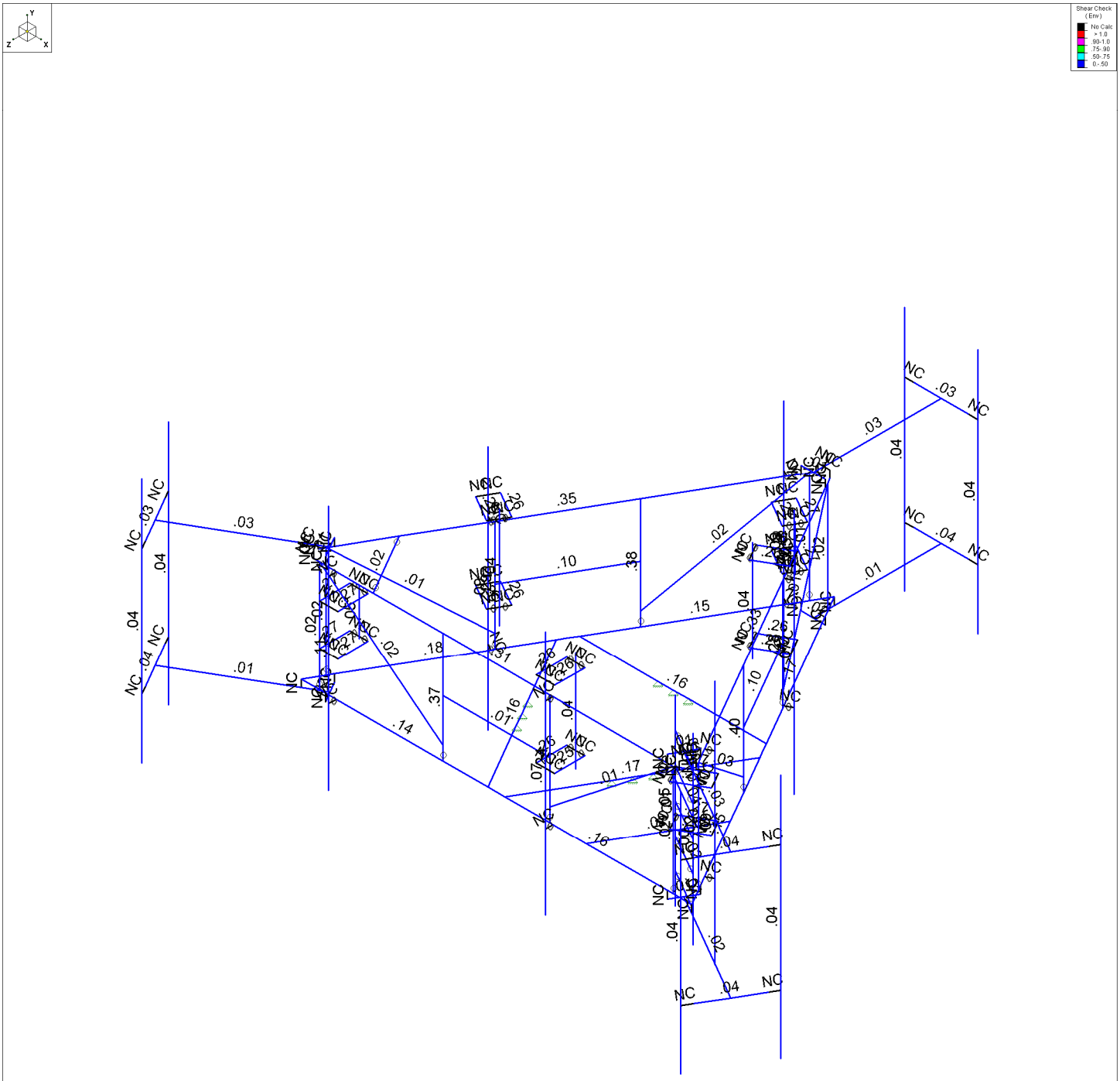
Envelope Only Solution

		SK - 1
		Apr 4, 2022 at 11:48 AM
		467553-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Apr 4, 2022 at 11:48 AM
		467553-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Apr 4, 2022 at 11:48 AM
		467553-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					78			
2	Antenna Di	None					78			
3	Antenna Wo (0 Deg)	None					78			
4	Antenna Wo (30 Deg)	None					78			
5	Antenna Wo (60 Deg)	None					78			
6	Antenna Wo (90 Deg)	None					78			
7	Antenna Wo (120 Deg)	None					78			
8	Antenna Wo (150 Deg)	None					78			
9	Antenna Wo (180 Deg)	None					78			
10	Antenna Wo (210 Deg)	None					78			
11	Antenna Wo (240 Deg)	None					78			
12	Antenna Wo (270 Deg)	None					78			
13	Antenna Wo (300 Deg)	None					78			
14	Antenna Wo (330 Deg)	None					78			
15	Antenna Wi (0 Deg)	None					78			
16	Antenna Wi (30 Deg)	None					78			
17	Antenna Wi (60 Deg)	None					78			
18	Antenna Wi (90 Deg)	None					78			
19	Antenna Wi (120 Deg)	None					78			
20	Antenna Wi (150 Deg)	None					78			
21	Antenna Wi (180 Deg)	None					78			
22	Antenna Wi (210 Deg)	None					78			
23	Antenna Wi (240 Deg)	None					78			
24	Antenna Wi (270 Deg)	None					78			
25	Antenna Wi (300 Deg)	None					78			
26	Antenna Wi (330 Deg)	None					78			
27	Antenna Wm (0 Deg)	None					78			
28	Antenna Wm (30 Deg)	None					78			
29	Antenna Wm (60 Deg)	None					78			
30	Antenna Wm (90 Deg)	None					78			
31	Antenna Wm (120 Deg)	None					78			
32	Antenna Wm (150 Deg)	None					78			
33	Antenna Wm (180 Deg)	None					78			
34	Antenna Wm (210 Deg)	None					78			
35	Antenna Wm (240 Deg)	None					78			
36	Antenna Wm (270 Deg)	None					78			
37	Antenna Wm (300 Deg)	None					78			
38	Antenna Wm (330 Deg)	None					78			
39	Structure D	None		-1					3	
40	Structure Di	None						103	3	
41	Structure Wo (0 Deg)	None						206		
42	Structure Wo (30 Deg)	None						206		
43	Structure Wo (60 Deg)	None						206		
44	Structure Wo (90 Deg)	None						206		
45	Structure Wo (120 D...	None						206		
46	Structure Wo (150 D...	None						206		
47	Structure Wo (180 D...	None						206		
48	Structure Wo (210 D...	None						206		
49	Structure Wo (240 D...	None						206		
50	Structure Wo (270 D...	None						206		
51	Structure Wo (300 D...	None						206		
52	Structure Wo (330 D...	None						206		
53	Structure Wi (0 Deg)	None						206		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						206		
55	Structure Wi (60 Deg)	None						206		
56	Structure Wi (90 Deg)	None						206		
57	Structure Wi (120 De...	None						206		
58	Structure Wi (150 De...	None						206		
59	Structure Wi (180 De...	None						206		
60	Structure Wi (210 De...	None						206		
61	Structure Wi (240 De...	None						206		
62	Structure Wi (270 De...	None						206		
63	Structure Wi (300 De...	None						206		
64	Structure Wi (330 De...	None						206		
65	Structure Wm (0 Deg)	None						206		
66	Structure Wm (30 De...	None						206		
67	Structure Wm (60 De...	None						206		
68	Structure Wm (90 De...	None						206		
69	Structure Wm (120 D...	None						206		
70	Structure Wm (150 D...	None						206		
71	Structure Wm (180 D...	None						206		
72	Structure Wm (210 D...	None						206		
73	Structure Wm (240 D...	None						206		
74	Structure Wm (270 D...	None						206		
75	Structure Wm (300 D...	None						206		
76	Structure Wm (330 D...	None						206		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					78			
82	Antenna Eh (0 Deg)	None					52			
83	Antenna Eh (90 Deg)	None					52			
84	Structure Ev	ELY		-.042					3	
85	Structure Eh (0 Deg)	ELZ			-.105				3	
86	Structure Eh (90 Deg)	ELX	.105						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						32		
89	BLC 84 Transient Are...	None						38		
90	BLC 85 Transient Are...	None						38		
91	BLC 86 Transient Are...	None						38		

Load Combinations

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0...	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										

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (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										
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	1.2D + 1.0Ev + 1.0Eh (0..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (6..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (9..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (6..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (9..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				
75	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	3.0792	0	
2	N2	5.333333	0	3.0792	0	
3	N3	-5.333333	0	3.0792	0	
4	N4	-2.666667	0	-1.539602	0	
5	N5	-0.	0	-6.158404	0	
6	N7	2.666667	0	-1.539602	0	
7	N7A	0	0	-0.000001	0	
8	N8	-0.	0	-1.741738	0	
9	N11	2.549964	0	-1.741738	0	
10	N12	-2.549964	0	-1.741738	0	
11	N11A	-2.783371	0	-1.337465	0	
12	N12A	-0.233408	0	3.0792	0	
13	N13	0.233408	0	3.0792	0	
14	N14	2.783371	0	-1.337465	0	
15	N15	-4.666667	0	3.0792	0	
16	N20	-5.000001	0	2.501852	0	
17	N24	-5.333333	-0.208333	3.0792	0	
18	N25	-4.666667	-0.208333	3.0792	0	
19	N26	-4.999999	-0.208333	2.501852	0	
20	N27	-4.833333	-0.208333	2.790526	0	
21	N22	5.000001	0	2.501852	0	
22	N23	4.666667	0	3.0792	0	
23	N24A	5.333333	-0.208333	3.0792	0	
24	N25A	4.999999	-0.208333	2.501852	0	
25	N26A	4.666667	-0.208333	3.0792	0	
26	N27A	4.833333	-0.208333	2.790526	0	
27	N29	-0.333335	0	-5.581052	0	
28	N30	0.333335	0	-5.581052	0	
29	N31	-0.	-0.208333	-6.158404	0	
30	N32	-0.333332	-0.208333	-5.581052	0	
31	N33	0.333332	-0.208333	-5.581052	0	
32	N34	-0.	-0.208333	-5.581052	0	
33	N33A	-0.	-0.208333	-9.081052	0	
34	N36	0	3.020833	3.0792	0	
35	N39	-2.666667	3.020833	-1.539602	0	
36	N41	2.666667	3.020833	-1.539602	0	
37	N50	-4.666667	3.020833	3.0792	0	
38	N51	-4.999999	3.020833	2.501852	0	
39	N52	4.999999	3.020833	2.501852	0	
40	N53	4.666667	3.020833	3.0792	0	
41	N54	-0.333332	3.020833	-5.581052	0	
42	N55	0.333332	3.020833	-5.581052	0	
43	N56	-5	3.020833	3.0792	0	
44	N57	5	3.020833	3.0792	0	
45	N58	5.166665	3.020833	2.790527	0	
46	N59	0.166665	3.020833	-5.869727	0	
47	N60	-0.166665	3.020833	-5.869727	0	
48	N61	-5.166665	3.020833	2.790527	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N55A	-4.666667	3.229167	3.0792	0	
50	N56A	-4.999999	3.229167	2.501852	0	
51	N57A	-5	3.229167	3.0792	0	
52	N58A	-5.166665	3.229167	2.790527	0	
53	N59A	-4.833333	3.229167	2.790526	0	
54	N60A	-5.083333	3.229167	2.934864	0	
55	N64	4.999999	3.229167	2.501852	0	
56	N65	4.666667	3.229167	3.0792	0	
57	N66	5.166665	3.229167	2.790527	0	
58	N67	5	3.229167	3.0792	0	
59	N68	4.833333	3.229167	2.790526	0	
60	N69	5.083333	3.229167	2.934864	0	
61	N75	-0.333332	3.229167	-5.581052	0	
62	N76	0.333332	3.229167	-5.581052	0	
63	N77	-0.166665	3.229167	-5.869727	0	
64	N78	0.166665	3.229167	-5.869727	0	
65	N79	-0.	3.229167	-5.581052	0	
66	N80	-0.	3.229167	-5.869727	0	
67	N81	-0.	3.229167	-9.081052	0	
68	N72	0.416667	0	-1.741738	0	
69	N73	-0.416667	0	-1.741738	0	
70	N74	-1.508389	0	0.870869	0	
71	N75A	-1.716722	0	0.510025	0	
72	N76A	-1.300056	0	1.231713	0	
73	N77A	1.508389	0	0.870869	0	
74	N78A	1.300056	0	1.231713	0	
75	N79A	1.716722	0	0.510025	0	
76	N80A	1.458333	0	3.0792	0	
77	N81A	1.458333	3.020833	3.0792	0	
78	N82	-1.458333	0	3.0792	0	
79	N83	-1.458333	3.020833	3.0792	0	
80	N84	-1.458333	1.541667	3.0792	0	
81	N85	1.458333	1.541667	3.0792	0	
82	N86	4.833333	0	3.0792	0	
83	N87	4.833333	3.020833	3.0792	0	
84	N88	-4.833333	0	3.0792	0	
85	N89	-4.833333	3.020833	3.0792	0	
86	N90	1.937501	0	-2.802554	0	
87	N91	1.937499	3.020833	-2.802554	0	
88	N92	3.395835	0	-0.276646	0	
89	N93	3.395832	3.020833	-0.276646	0	
90	N94	3.395835	1.541667	-0.276646	0	
91	N95	1.937501	1.541667	-2.802554	0	
92	N96	0.250001	0	-5.725389	0	
93	N97	0.249999	3.020833	-5.725389	0	
94	N98	5.083335	0	2.646189	0	
95	N99	5.083332	3.020833	2.646189	0	
96	N100	-3.395835	0	-0.276646	0	
97	N101	-3.395832	3.020833	-0.276646	0	
98	N102	-1.937501	0	-2.802554	0	
99	N103	-1.937499	3.020833	-2.802554	0	
100	N104	-1.937501	1.541667	-2.802554	0	
101	N105	-3.395835	1.541667	-0.276646	0	
102	N106	-5.083335	0	2.646189	0	
103	N107	-5.083332	3.020833	2.646189	0	
104	N108	-0.250001	0	-5.725389	0	
105	N109	-0.249999	3.020833	-5.725389	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N110	.75	-0.208333	-9.081052	0	
107	N111	.75	3.229167	-9.081052	0	
108	N112	-.75	-0.208333	-9.081052	0	
109	N113	-.75	3.229167	-9.081052	0	
110	N114	-1	-0.208333	-9.081052	0	
111	N115	-1	3.229167	-9.081052	0	
112	N118	1	-0.208333	-9.081052	0	
113	N119	1	3.229167	-9.081052	0	
114	N152	1.541667	0	3.0792	0	
115	N154	1.541667	3.020833	3.0792	0	
116	N157	1.541667	0	3.287533	0	
117	N158	1.541667	3.020833	3.287533	0	
118	N159	1.541667	-2.041667	3.287533	0	
119	N160	1.541667	4.666667	3.287533	0	
120	N188	1	4.875	-9.081052	0	
121	N192	1	-1.833333	-9.081052	0	
122	N209	-1	4.875	-9.081052	0	
123	N213	-1	-1.833333	-9.081052	0	
124	N220	2.446583	0	3.079202	0	
125	N221	3.889959	0	0.579202	0	
126	N220A	3.556626	0	1.156552	0	
127	N222	1.896744	0	0.198219	0	
128	N222A	2.726685	0	0.677386	0	
129	N223	2.149334	0	0.344052	0	
130	N224	3.304035	0	1.010719	0	
131	N225	2.149334	2	0.344052	0	
132	N226	3.304035	2	1.010719	0	
133	N227	2.149334	-3	0.344052	0	
134	N228	3.304035	-3	1.010719	0	
135	N229	2.149334	1.166667	0.344052	0	
136	N230	2.149334	0.333333	0.344052	0	
137	N231	2.149334	-.5	0.344052	0	
138	N232	2.149334	-1.333333	0.344052	0	
139	N233	2.149334	-2.166667	0.344052	0	
140	N234	3.304035	-2.166667	1.010719	0	
141	N235	3.304035	-1.333333	1.010719	0	
142	N236	3.304035	-.5	1.010719	0	
143	N237	3.304035	0.333333	1.010719	0	
144	N238	3.304035	1.166667	1.010719	0	
145	N197	1.458333	.375	3.0792	0	
146	N198A	-1.458333	.375	3.0792	0	
147	N199	1.937501	.375	-2.802554	0	
148	N200	3.395835	.375	-0.276646	0	
149	N201A	-3.395835	.375	-0.276646	0	
150	N202A	-1.937501	.375	-2.802554	0	
151	N176A	-7.864422	-0.208333	4.540526	0	
152	N178	-7.864422	3.229167	4.540526	0	
153	N179A	-8.239422	-0.208333	3.891007	0	
154	N180A	-8.239422	3.229167	3.891007	0	
155	N181A	-7.489422	-0.208333	5.190045	0	
156	N182A	-7.489422	3.229167	5.190045	0	
157	N183	-7.364422	-0.208333	5.406551	0	
158	N184	-7.364422	3.229167	5.406551	0	
159	N185	-8.364422	-0.208333	3.674501	0	
160	N186	-8.364422	3.229167	3.674501	0	
161	N187	-8.364422	4.875	3.674501	0	
162	N188A	-8.364422	-1.833333	3.674501	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N189	-7.364422	4.875	5.406551	0	
164	N190	-7.364422	-1.833333	5.406551	0	
165	N192A	7.864422	-0.208333	4.540526	0	
166	N194	7.864422	3.229167	4.540526	0	
167	N195	7.489422	-0.208333	5.190045	0	
168	N196A	7.489422	3.229167	5.190045	0	
169	N197A	8.239422	-0.208333	3.891007	0	
170	N198B	8.239422	3.229167	3.891007	0	
171	N199A	8.364422	-0.208333	3.674501	0	
172	N200A	8.364422	3.229167	3.674501	0	
173	N201B	7.364422	-0.208333	5.406551	0	
174	N202B	7.364422	3.229167	5.406551	0	
175	N203A	7.364422	4.875	5.406551	0	
176	N204A	7.364422	-1.833333	5.406551	0	
177	N205	8.364422	4.875	3.674501	0	
178	N206	8.364422	-1.833333	3.674501	0	
179	N191	1.541667	3.520833	3.287533	0	
180	N192B	1.791667	3.520833	3.287533	0	
181	N193	1.291667	3.520833	3.287533	0	
182	N194A	1.791667	3.520833	2.4542	0	
183	N195A	1.291667	3.520833	2.4542	0	
184	N196B	1.541667	3.520833	2.4542	0	
185	N197B	1.541667	3.75	2.4542	0	
186	N198C	1.541667	1	2.4542	0	
187	N199B	1.541667	1.4375	3.287533	0	
188	N200B	1.791667	1.4375	3.287533	0	
189	N201C	1.291667	1.4375	3.287533	0	
190	N202C	1.791667	1.4375	2.4542	0	
191	N203B	1.291667	1.4375	2.4542	0	
192	N204B	1.541667	1.4375	2.4542	0	
193	N193A	-4.375	0	3.0792	0	
194	N194B	-4.375	3.020833	3.0792	0	
195	N195B	-4.375	0	3.287533	0	
196	N196	-4.375	3.020833	3.287533	0	
197	N197C	-4.375	-2.041667	3.287533	0	
198	N198	-4.375	4.666667	3.287533	0	
199	N199C	-4.375	2.3125	3.287533	0	
200	N200C	-4.125	2.3125	3.287533	0	
201	N201	-4.625	2.3125	3.287533	0	
202	N202	-4.125	2.3125	2.4542	0	
203	N203	-4.625	2.3125	2.4542	0	
204	N204	-4.375	2.3125	2.4542	0	
205	N205A	-4.375	2.375	2.4542	0	
206	N206A	-4.375	1.125	2.4542	0	
207	N207	-4.375	1.1875	3.287533	0	
208	N208	-4.125	1.1875	3.287533	0	
209	N209A	-4.625	1.1875	3.287533	0	
210	N210	-4.125	1.1875	2.4542	0	
211	N211	-4.625	1.1875	2.4542	0	
212	N212	-4.375	1.1875	2.4542	0	
213	N213A	1.895832	0	-2.874722	0	
214	N214	1.895832	3.020833	-2.874722	0	
215	N215	2.076254	0	-2.978889	0	
216	N216	2.076254	3.020833	-2.978889	0	
217	N217	2.076254	-2.041667	-2.978889	0	
218	N218	2.076254	4.666667	-2.978889	0	
219	N219	2.076254	3.520833	-2.978889	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
220	N220B	1.951254	3.520833	-3.195396	0	
221	N221A	2.201254	3.520833	-2.762383	0	
222	N222B	1.229566	3.520833	-2.778729	0	
223	N223A	1.479566	3.520833	-2.345716	0	
224	N224A	1.354566	3.520833	-2.562222	0	
225	N225A	1.354566	3.75	-2.562222	0	
226	N226A	1.354566	1	-2.562222	0	
227	N227A	2.076254	1.4375	-2.978889	0	
228	N228A	1.951254	1.4375	-3.195396	0	
229	N229A	2.201254	1.4375	-2.762383	0	
230	N230A	1.229566	1.4375	-2.778729	0	
231	N231A	1.479566	1.4375	-2.345716	0	
232	N232A	1.354566	1.4375	-2.562222	0	
233	N233A	4.854165	0	2.249261	0	
234	N234A	4.854165	3.020833	2.249261	0	
235	N235A	5.034587	0	2.145094	0	
236	N236A	5.034587	3.020833	2.145094	0	
237	N237A	5.034587	-2.041667	2.145094	0	
238	N238A	5.034587	4.666667	2.145094	0	
239	N239	5.034587	2.3125	2.145094	0	
240	N240	4.909587	2.3125	1.928588	0	
241	N241	5.159587	2.3125	2.361601	0	
242	N242	4.1879	2.3125	2.345255	0	
243	N243	4.4379	2.3125	2.778267	0	
244	N244	4.3129	2.3125	2.561761	0	
245	N245	4.3129	2.375	2.561761	0	
246	N246	4.3129	1.125	2.561761	0	
247	N247	5.034587	1.1875	2.145094	0	
248	N248	4.909587	1.1875	1.928588	0	
249	N249	5.159587	1.1875	2.361601	0	
250	N250	4.1879	1.1875	2.345255	0	
251	N251	4.4379	1.1875	2.778267	0	
252	N252	4.3129	1.1875	2.561761	0	
253	N253	-3.437499	0	-0.204478	0	
254	N254	-3.437499	3.020833	-0.204478	0	
255	N255	-3.617921	0	-0.308644	0	
256	N256	-3.617921	3.020833	-0.308644	0	
257	N257	-3.617921	-2.041667	-0.308644	0	
258	N258	-3.617921	4.666667	-0.308644	0	
259	N259	-3.617921	3.520833	-0.308644	0	
260	N260	-3.742921	3.520833	-0.092138	0	
261	N261	-3.492921	3.520833	-0.525151	0	
262	N262	-3.021233	3.520833	0.324529	0	
263	N263	-2.771233	3.520833	-0.108484	0	
264	N264	-2.896233	3.520833	0.108022	0	
265	N265	-2.896233	3.75	0.108022	0	
266	N266	-2.896233	1	0.108022	0	
267	N267	-3.617921	1.4375	-0.308644	0	
268	N268	-3.742921	1.4375	-0.092138	0	
269	N269	-3.492921	1.4375	-0.525151	0	
270	N270	-3.021233	1.4375	0.324529	0	
271	N271	-2.771233	1.4375	-0.108484	0	
272	N272	-2.896233	1.4375	0.108022	0	
273	N273	-0.479165	0	-5.328461	0	
274	N274	-0.479165	3.020833	-5.328461	0	
275	N275	-0.659587	0	-5.432628	0	
276	N276	-0.659587	3.020833	-5.432628	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
277	N277	-0.659587	-2.041667	-5.432628	0	
278	N278	-0.659587	4.666667	-5.432628	0	
279	N279	-0.659587	2.3125	-5.432628	0	
280	N280	-0.784587	2.3125	-5.216121	0	
281	N281	-0.534587	2.3125	-5.649134	0	
282	N282	-0.0629	2.3125	-4.799455	0	
283	N283	0.1871	2.3125	-5.232467	0	
284	N284	0.0621	2.3125	-5.015961	0	
285	N285	0.0621	2.375	-5.015961	0	
286	N286	0.0621	1.125	-5.015961	0	
287	N287	-0.659587	1.1875	-5.432628	0	
288	N288	-0.784587	1.1875	-5.216121	0	
289	N289	-0.534587	1.1875	-5.649134	0	
290	N290	-0.0629	1.1875	-4.799455	0	
291	N291	0.1871	1.1875	-5.232467	0	
292	N292	0.0621	1.1875	-5.015961	0	
293	N293	-3.375	3.020833	3.0792	0	
294	N294	-4.354165	3.020833	1.383236	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Face Horizontal	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
3	Crossmember	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
4	Corner Channel	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
5	TES Face Bracing	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
7	Support Rail	L3X3X5	Beam	Single Angle	A36 Gr.36	Typical	1.78	1.5	1.5	.06
8	Ladder Rungs	SR_0.75	Beam	Single Angle	A36 Gr.36	Typical	.442	.016	.016	.031
9	Face Bracing	L1.75X1.75X4	Beam	Single Angle	A36 Gr.36	Typical	.813	.227	.227	.015
10	Corner Plate	PL3/8x8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
11	Corner HHS	HSS2X2X4	Beam	SquareTube	A500 Gr. ...	Typical	1.51	.747	.747	1.31
12	Threaded Rods	SR_0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
13	Proposed Pipe	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
14	Corner Angle	L3X3X5	Beam	Single Angle	A53 Gr. B	Typical	1.78	1.5	1.5	.06

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N1		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
2	M2	N1	N2		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
3	M3	N2	N7		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
4	M4	N7	N5		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
5	M5	N5	N4		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
6	M6	N4	N3		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
7	M7	N12	N11		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
8	M8	N12A	N11A		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
9	M9	N14	N13		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
10	M13	N25	N26		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M13A	N3	N24			RIGID	None	None	RIGID	Typical
12	M14	N15	N25			RIGID	None	None	RIGID	Typical
13	M15	N20	N26			RIGID	None	None	RIGID	Typical
14	M14A	N25A	N26A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
15	M15A	N2	N24A			RIGID	None	None	RIGID	Typical
16	M16	N22	N25A			RIGID	None	None	RIGID	Typical
17	M17	N23	N26A			RIGID	None	None	RIGID	Typical
18	M18	N32	N33		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
19	M19	N5	N31			RIGID	None	None	RIGID	Typical
20	M20	N29	N32			RIGID	None	None	RIGID	Typical
21	M21	N30	N33			RIGID	None	None	RIGID	Typical
22	M22	N34	N33A		90	Corner Channel	Beam	Channel	A36 Gr.36	Typical
23	M25	N61	N60		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
24	M26	N57	N56		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
25	M27	N59	N58		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
26	M28	N61	N58A			RIGID	None	None	RIGID	Typical
27	M29	N58A	N60A			RIGID	None	None	RIGID	Typical
28	M30	N56	N57A			RIGID	None	None	RIGID	Typical
29	M31	N57A	N60A			RIGID	None	None	RIGID	Typical
30	M32	N50	N55A			RIGID	None	None	RIGID	Typical
31	M33	N51	N56A			RIGID	None	None	RIGID	Typical
32	M34	N56A	N55A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
33	M36	N57	N67			RIGID	None	None	RIGID	Typical
34	M37	N67	N69			RIGID	None	None	RIGID	Typical
35	M38	N58	N66			RIGID	None	None	RIGID	Typical
36	M39	N66	N69			RIGID	None	None	RIGID	Typical
37	M40	N52	N64			RIGID	None	None	RIGID	Typical
38	M41	N53	N65			RIGID	None	None	RIGID	Typical
39	M42	N65	N64		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
40	M44	N59	N78			RIGID	None	None	RIGID	Typical
41	M45	N78	N80			RIGID	None	None	RIGID	Typical
42	M46	N60	N77			RIGID	None	None	RIGID	Typical
43	M47	N77	N80			RIGID	None	None	RIGID	Typical
44	M48	N54	N75			RIGID	None	None	RIGID	Typical
45	M49	N55	N76			RIGID	None	None	RIGID	Typical
46	M50	N76	N75		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
47	M51	N79	N81		270	Corner Channel	Beam	Channel	A36 Gr.36	Typical
48	M52	N82	N83		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
49	M53	N80A	N81A		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
50	M54	N85	N84		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
51	M55	N86	N87		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
52	M56	N88	N89		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
53	M57	N198A	N89			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
54	M58	N197	N87		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
55	M59	N92	N93		30	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
56	M60	N90	N91		300	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
57	M61	N95	N94		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
58	M62	N96	N97		30	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
59	M63	N98	N99		300	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
60	M64	N200	N99			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
61	M65	N199	N97		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
62	M66	N102	N103		150	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
63	M67	N100	N101		60	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
64	M68	N105	N104		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
65	M69	N106	N107		150	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
66	M70	N108	N109		60	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
67	M71	N202A	N109			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
68	M72	N201A	N107		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
69	M73	N113	N111			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
70	M74	N112	N110			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
71	M75	N112	N114			RIGID	None	None	RIGID	Typical
72	M76	N113	N115			RIGID	None	None	RIGID	Typical
73	M77	N110	N118			RIGID	None	None	RIGID	Typical
74	M78	N111	N119			RIGID	None	None	RIGID	Typical
75	M96	N154	N158			RIGID	None	None	RIGID	Typical
76	M97	N152	N157			RIGID	None	None	RIGID	Typical
77	MP2A	N160	N159			Proposed Pipe	Beam	Pipe	A53 Gr. B	Typical
78	MP1C	N188	N192			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
79	MP4B	N209	N213			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
80	M127	N221	N220		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
81	M128	N220A	N222			Crossmember	Beam	Channel	A36 Gr.36	Typical
82	M129	N225	N227		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
83	M130	N228	N226		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
84	M131	N229	N238			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
85	M132	N237	N230			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
86	M133	N231	N236			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
87	M134	N235	N232			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
88	M135	N233	N234			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
89	M95	N27	N176A		90	Corner Channel	Beam	Channel	A36 Gr.36	Typical
90	M96A	N59A	N178		270	Corner Channel	Beam	Channel	A36 Gr.36	Typical
91	M97A	N182A	N180A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
92	M98A	N181A	N179A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
93	M99	N181A	N183			RIGID	None	None	RIGID	Typical
94	M100	N182A	N184			RIGID	None	None	RIGID	Typical
95	M101	N179A	N185			RIGID	None	None	RIGID	Typical
96	M102	N180A	N186			RIGID	None	None	RIGID	Typical
97	MP1B	N187	N188A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
98	MP4A	N189	N190			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
99	M105	N27A	N192A		90	Corner Channel	Beam	Channel	A36 Gr.36	Typical
100	M106	N68	N194		270	Corner Channel	Beam	Channel	A36 Gr.36	Typical
101	M107A	N198B	N196A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
102	M108A	N197A	N195			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
103	M109A	N197A	N199A			RIGID	None	None	RIGID	Typical
104	M110	N198B	N200A			RIGID	None	None	RIGID	Typical
105	M111	N195	N201B			RIGID	None	None	RIGID	Typical
106	M112	N196A	N202B			RIGID	None	None	RIGID	Typical
107	MP1A	N203A	N204A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
108	MP4C	N205	N206			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
109	M115	N191	N193			RIGID	None	None	RIGID	Typical
110	M116	N191	N192B			RIGID	None	None	RIGID	Typical
111	M117	N193	N195A			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
112	M118A	N192B	N194A			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
113	M119A	N196B	N195A			RIGID	None	None	RIGID	Typical
114	M120A	N196B	N194A			RIGID	None	None	RIGID	Typical
115	M121	N197B	N198C			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
116	M122	N199B	N201C			RIGID	None	None	RIGID	Typical
117	M123	N199B	N200B			RIGID	None	None	RIGID	Typical
118	M124	N201C	N203B			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
119	M125	N200B	N202C			Threaded Rods	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
120	M126	N204B	N203B			RIGID	None	None	RIGID	Typical
121	M127A	N204B	N202C			RIGID	None	None	RIGID	Typical
122	M122A	N194B	N196			RIGID	None	None	RIGID	Typical
123	M123A	N193A	N195B			RIGID	None	None	RIGID	Typical
124	MP3A	N198	N197C			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
125	M125A	N199C	N201			RIGID	None	None	RIGID	Typical
126	M126A	N199C	N200C			RIGID	None	None	RIGID	Typical
127	M127B	N201	N203			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
128	M128A	N200C	N202			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
129	M129A	N204	N203			RIGID	None	None	RIGID	Typical
130	M130A	N204	N202			RIGID	None	None	RIGID	Typical
131	M131A	N205A	N206A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
132	M132A	N207	N209A			RIGID	None	None	RIGID	Typical
133	M133A	N207	N208			RIGID	None	None	RIGID	Typical
134	M134A	N209A	N211			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
135	M135A	N208	N210			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
136	M136	N212	N211			RIGID	None	None	RIGID	Typical
137	M137	N212	N210			RIGID	None	None	RIGID	Typical
138	M138	N214	N216			RIGID	None	None	RIGID	Typical
139	M139	N213A	N215			RIGID	None	None	RIGID	Typical
140	MP2C	N218	N217			Proposed Pipe	Beam	Pipe	A53 Gr. B	Typical
141	M141	N219	N221A			RIGID	None	None	RIGID	Typical
142	M142	N219	N220B			RIGID	None	None	RIGID	Typical
143	M143	N221A	N223A			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
144	M144	N220B	N222B			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
145	M145	N224A	N223A			RIGID	None	None	RIGID	Typical
146	M146	N224A	N222B			RIGID	None	None	RIGID	Typical
147	M147	N225A	N226A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
148	M148	N227A	N229A			RIGID	None	None	RIGID	Typical
149	M149	N227A	N228A			RIGID	None	None	RIGID	Typical
150	M150	N229A	N231A			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
151	M151	N228A	N230A			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
152	M152	N232A	N231A			RIGID	None	None	RIGID	Typical
153	M153	N232A	N230A			RIGID	None	None	RIGID	Typical
154	M154	N234A	N236A			RIGID	None	None	RIGID	Typical
155	M155	N233A	N235A			RIGID	None	None	RIGID	Typical
156	MP3C	N238A	N237A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
157	M157	N239	N241			RIGID	None	None	RIGID	Typical
158	M158	N239	N240			RIGID	None	None	RIGID	Typical
159	M159	N241	N243			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
160	M160	N240	N242			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
161	M161	N244	N243			RIGID	None	None	RIGID	Typical
162	M162	N244	N242			RIGID	None	None	RIGID	Typical
163	M163	N245	N246			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
164	M164	N247	N249			RIGID	None	None	RIGID	Typical
165	M165	N247	N248			RIGID	None	None	RIGID	Typical
166	M166	N249	N251			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
167	M167	N248	N250			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
168	M168	N252	N251			RIGID	None	None	RIGID	Typical
169	M169	N252	N250			RIGID	None	None	RIGID	Typical
170	M170	N254	N256			RIGID	None	None	RIGID	Typical
171	M171	N253	N255			RIGID	None	None	RIGID	Typical
172	MP2B	N258	N257			Proposed Pipe	Beam	Pipe	A53 Gr. B	Typical
173	M173	N259	N261			RIGID	None	None	RIGID	Typical
174	M174	N259	N260			RIGID	None	None	RIGID	Typical
175	M175	N261	N263			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
176	M176	N260	N262			Threaded Rods	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
177	M177	N264	N263			RIGID	None	None	RIGID	Typical
178	M178	N264	N262			RIGID	None	None	RIGID	Typical
179	M179	N265	N266			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
180	M180	N267	N269			RIGID	None	None	RIGID	Typical
181	M181	N267	N268			RIGID	None	None	RIGID	Typical
182	M182	N269	N271			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
183	M183	N268	N270			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
184	M184	N272	N271			RIGID	None	None	RIGID	Typical
185	M185	N272	N270			RIGID	None	None	RIGID	Typical
186	M186	N274	N276			RIGID	None	None	RIGID	Typical
187	M187	N273	N275			RIGID	None	None	RIGID	Typical
188	MP3B	N278	N277			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
189	M189	N279	N281			RIGID	None	None	RIGID	Typical
190	M190	N279	N280			RIGID	None	None	RIGID	Typical
191	M191	N281	N283			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
192	M192	N280	N282			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
193	M193	N284	N283			RIGID	None	None	RIGID	Typical
194	M194	N284	N282			RIGID	None	None	RIGID	Typical
195	M195	N285	N286			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
196	M196	N287	N289			RIGID	None	None	RIGID	Typical
197	M197	N287	N288			RIGID	None	None	RIGID	Typical
198	M198	N289	N291			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
199	M199	N288	N290			Threaded Rods	Beam	BAR	A36 Gr.36	Typical
200	M200	N292	N291			RIGID	None	None	RIGID	Typical
201	M201	N292	N290			RIGID	None	None	RIGID	Typical
202	M202	N293	N294		180	Corner Angle	Beam	Single Angle	A53 Gr. B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M13						Yes				None
11	M13A						Yes	** NA **			None
12	M14						Yes	** NA **			None
13	M15						Yes	** NA **			None
14	M14A						Yes				None
15	M15A						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes				None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes				None
23	M25						Yes				None
24	M26						Yes				None
25	M27						Yes				None
26	M28						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...
27	M29						Yes	** NA **			None
28	M30						Yes	** NA **			None
29	M31						Yes	** NA **			None
30	M32						Yes	** NA **			None
31	M33						Yes	** NA **			None
32	M34						Yes				None
33	M36						Yes	** NA **			None
34	M37						Yes	** NA **			None
35	M38						Yes	** NA **			None
36	M39						Yes	** NA **			None
37	M40						Yes	** NA **			None
38	M41						Yes	** NA **			None
39	M42						Yes				None
40	M44						Yes	** NA **			None
41	M45						Yes	** NA **			None
42	M46						Yes	** NA **			None
43	M47						Yes	** NA **			None
44	M48						Yes	** NA **			None
45	M49						Yes	** NA **			None
46	M50						Yes				None
47	M51						Yes				None
48	M52	OOOOXO					Yes	Default			None
49	M53	OOOOOX					Yes	Default			None
50	M54						Yes				None
51	M55	OOOOXO					Yes				None
52	M56	OOOOOX					Yes				None
53	M57						Yes				None
54	M58						Yes				None
55	M59	OOOOXO					Yes	Default			None
56	M60	OOOOOX					Yes	Default			None
57	M61						Yes				None
58	M62	OOOOXO					Yes				None
59	M63	OOOOOX					Yes				None
60	M64						Yes				None
61	M65						Yes				None
62	M66	OOOOXO					Yes	Default			None
63	M67	OOOOOX					Yes	Default			None
64	M68						Yes				None
65	M69	OOOOXO					Yes				None
66	M70	OOOOOX					Yes				None
67	M71						Yes				None
68	M72						Yes				None
69	M73						Yes				None
70	M74						Yes				None
71	M75						Yes	** NA **			None
72	M76						Yes	** NA **			None
73	M77						Yes	** NA **			None
74	M78						Yes	** NA **			None
75	M96		OOOXOO				Yes	** NA **			None
76	M97		OOOXOO				Yes	** NA **			None
77	MP2A						Yes				None
78	MP1C						Yes				None
79	MP4B						Yes				None
80	M127						Yes				None
81	M128						Yes				None
82	M129						Yes				None
83	M130						Yes				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...
84	M131	BenPIN	BenPIN				Yes				None
85	M132	BenPIN	BenPIN				Yes				None
86	M133	BenPIN	BenPIN				Yes				None
87	M134	BenPIN	BenPIN				Yes				None
88	M135	BenPIN	BenPIN				Yes				None
89	M95						Yes				None
90	M96A						Yes				None
91	M97A						Yes				None
92	M98A						Yes				None
93	M99						Yes	** NA **			None
94	M100						Yes	** NA **			None
95	M101						Yes	** NA **			None
96	M102						Yes	** NA **			None
97	MP1B						Yes				None
98	MP4A						Yes				None
99	M105						Yes				None
100	M106						Yes				None
101	M107A						Yes				None
102	M108A						Yes				None
103	M109A						Yes	** NA **			None
104	M110						Yes	** NA **			None
105	M111						Yes	** NA **			None
106	M112						Yes	** NA **			None
107	MP1A						Yes				None
108	MP4C						Yes				None
109	M115						Yes	** NA **			None
110	M116						Yes	** NA **			None
111	M117						Yes				None
112	M118A						Yes				None
113	M119A	OOOXOX					Yes	** NA **			None
114	M120A	OOOXOX					Yes	** NA **			None
115	M121						Yes				None
116	M122						Yes	** NA **			None
117	M123						Yes	** NA **			None
118	M124						Yes				None
119	M125						Yes				None
120	M126	OOOXOX					Yes	** NA **			None
121	M127A	OOOXOX					Yes	** NA **			None
122	M122A		OOOXOO				Yes	** NA **			None
123	M123A		OOOXOO				Yes	** NA **			None
124	MP3A						Yes				None
125	M125A						Yes	** NA **			None
126	M126A						Yes	** NA **			None
127	M127B						Yes				None
128	M128A						Yes				None
129	M129A	OOOXOX					Yes	** NA **			None
130	M130A	OOOXOX					Yes	** NA **			None
131	M131A						Yes	Default			None
132	M132A						Yes	** NA **			None
133	M133A						Yes	** NA **			None
134	M134A						Yes				None
135	M135A						Yes				None
136	M136	OOOXOX					Yes	** NA **			None
137	M137	OOOXOX					Yes	** NA **			None
138	M138		OOOXOO				Yes	** NA **			None
139	M139		OOOXOO				Yes	** NA **			None
140	MP2C						Yes				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...
141	M141						Yes	** NA **			None
142	M142						Yes	** NA **			None
143	M143						Yes				None
144	M144						Yes				None
145	M145	OOOXOX					Yes	** NA **			None
146	M146	OOOXOX					Yes	** NA **			None
147	M147						Yes				None
148	M148						Yes	** NA **			None
149	M149						Yes	** NA **			None
150	M150						Yes				None
151	M151						Yes				None
152	M152	OOOXOX					Yes	** NA **			None
153	M153	OOOXOX					Yes	** NA **			None
154	M154		OOOXOO				Yes	** NA **			None
155	M155		OOOXOO				Yes	** NA **			None
156	MP3C						Yes				None
157	M157						Yes	** NA **			None
158	M158						Yes	** NA **			None
159	M159						Yes				None
160	M160						Yes				None
161	M161	OOOXOX					Yes	** NA **			None
162	M162	OOOXOX					Yes	** NA **			None
163	M163						Yes	Default			None
164	M164						Yes	** NA **			None
165	M165						Yes	** NA **			None
166	M166						Yes				None
167	M167						Yes				None
168	M168	OOOXOX					Yes	** NA **			None
169	M169	OOOXOX					Yes	** NA **			None
170	M170		OOOXOO				Yes	** NA **			None
171	M171		OOOXOO				Yes	** NA **			None
172	MP2B						Yes				None
173	M173						Yes	** NA **			None
174	M174						Yes	** NA **			None
175	M175						Yes				None
176	M176						Yes				None
177	M177	OOOXOX					Yes	** NA **			None
178	M178	OOOXOX					Yes	** NA **			None
179	M179						Yes				None
180	M180						Yes	** NA **			None
181	M181						Yes	** NA **			None
182	M182						Yes				None
183	M183						Yes				None
184	M184	OOOXOX					Yes	** NA **			None
185	M185	OOOXOX					Yes	** NA **			None
186	M186		OOOXOO				Yes	** NA **			None
187	M187		OOOXOO				Yes	** NA **			None
188	MP3B						Yes				None
189	M189						Yes	** NA **			None
190	M190						Yes	** NA **			None
191	M191						Yes				None
192	M192						Yes				None
193	M193	OOOXOX					Yes	** NA **			None
194	M194	OOOXOX					Yes	** NA **			None
195	M195						Yes	Default			None
196	M196						Yes	** NA **			None
197	M197						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...
198	M198						Yes				None
199	M199						Yes				None
200	M200	OOOXOX					Yes	** NA **			None
201	M201	OOOXOX					Yes	** NA **			None
202	M202	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-23	.25
2	MP2A	My	-.015	.25
3	MP2A	Mz	.019	.25
4	MP2A	Y	-23	6
5	MP2A	My	-.015	6
6	MP2A	Mz	.019	6
7	MP2B	Y	-23	.25
8	MP2B	My	-.009	.25
9	MP2B	Mz	-.023	.25
10	MP2B	Y	-23	6
11	MP2B	My	-.009	6
12	MP2B	Mz	-.023	6
13	MP2C	Y	-23	.25
14	MP2C	My	.024	.25
15	MP2C	Mz	.004	.25
16	MP2C	Y	-23	6
17	MP2C	My	.024	6
18	MP2C	Mz	.004	6
19	MP2A	Y	-23	.25
20	MP2A	My	-.015	.25
21	MP2A	Mz	-.019	.25
22	MP2A	Y	-23	6
23	MP2A	My	-.015	6
24	MP2A	Mz	-.019	6
25	MP2B	Y	-23	.25
26	MP2B	My	.024	.25
27	MP2B	Mz	-.004	.25
28	MP2B	Y	-23	6
29	MP2B	My	.024	6
30	MP2B	Mz	-.004	6
31	MP2C	Y	-23	.25
32	MP2C	My	-.009	.25
33	MP2C	Mz	.023	.25
34	MP2C	Y	-23	6
35	MP2C	My	-.009	6
36	MP2C	Mz	.023	6
37	MP3A	Y	-43.55	2
38	MP3A	My	-.022	2
39	MP3A	Mz	0	2
40	MP3A	Y	-43.55	4
41	MP3A	My	-.022	4
42	MP3A	Mz	0	4
43	MP3B	Y	-43.55	2
44	MP3B	My	.011	2
45	MP3B	Mz	-.019	2
46	MP3B	Y	-43.55	4
47	MP3B	My	.011	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mz	-.019	4
49	MP3C	Y	-43.55	2
50	MP3C	My	.011	2
51	MP3C	Mz	.019	2
52	MP3C	Y	-43.55	4
53	MP3C	My	.011	4
54	MP3C	Mz	.019	4
55	M131A	Y	-84.4	.63
56	M131A	My	.042	.63
57	M131A	Mz	0	.63
58	M121	Y	-70.3	1.38
59	M121	My	.035	1.38
60	M121	Mz	0	1.38
61	M68	Y	-32	1.5
62	M68	My	.004	1.5
63	M68	Mz	-.007	1.5
64	M61	Y	-32	1.5
65	M61	My	.004	1.5
66	M61	Mz	-.007	1.5
67	M195	Y	-84.4	.63
68	M195	My	.042	.63
69	M195	Mz	0	.63
70	M163	Y	-84.4	.63
71	M163	My	.042	.63
72	M163	Mz	0	.63
73	M179	Y	-70.3	1.38
74	M179	My	.035	1.38
75	M179	Mz	0	1.38
76	M147	Y	-70.3	1.38
77	M147	My	.035	1.38
78	M147	Mz	0	1.38

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-87.148	.25
2	MP2A	My	-.058	.25
3	MP2A	Mz	.073	.25
4	MP2A	Y	-87.148	6
5	MP2A	My	-.058	6
6	MP2A	Mz	.073	6
7	MP2B	Y	-87.148	.25
8	MP2B	My	-.034	.25
9	MP2B	Mz	-.087	.25
10	MP2B	Y	-87.148	6
11	MP2B	My	-.034	6
12	MP2B	Mz	-.087	6
13	MP2C	Y	-87.148	.25
14	MP2C	My	.092	.25
15	MP2C	Mz	.014	.25
16	MP2C	Y	-87.148	6
17	MP2C	My	.092	6
18	MP2C	Mz	.014	6
19	MP2A	Y	-87.148	.25
20	MP2A	My	-.058	.25
21	MP2A	Mz	-.073	.25
22	MP2A	Y	-87.148	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	My	-.058	6
24	MP2A	Mz	-.073	6
25	MP2B	Y	-87.148	.25
26	MP2B	My	.092	.25
27	MP2B	Mz	-.014	.25
28	MP2B	Y	-87.148	6
29	MP2B	My	.092	6
30	MP2B	Mz	-.014	6
31	MP2C	Y	-87.148	.25
32	MP2C	My	-.034	.25
33	MP2C	Mz	.087	.25
34	MP2C	Y	-87.148	6
35	MP2C	My	-.034	6
36	MP2C	Mz	.087	6
37	MP3A	Y	-37.697	2
38	MP3A	My	-.019	2
39	MP3A	Mz	0	2
40	MP3A	Y	-37.697	4
41	MP3A	My	-.019	4
42	MP3A	Mz	0	4
43	MP3B	Y	-37.697	2
44	MP3B	My	.009	2
45	MP3B	Mz	-.016	2
46	MP3B	Y	-37.697	4
47	MP3B	My	.009	4
48	MP3B	Mz	-.016	4
49	MP3C	Y	-37.697	2
50	MP3C	My	.009	2
51	MP3C	Mz	.016	2
52	MP3C	Y	-37.697	4
53	MP3C	My	.009	4
54	MP3C	Mz	.016	4
55	M131A	Y	-47.567	.63
56	M131A	My	.024	.63
57	M131A	Mz	0	.63
58	M121	Y	-42.796	1.38
59	M121	My	.021	1.38
60	M121	Mz	0	1.38
61	M68	Y	-92.966	1.5
62	M68	My	.012	1.5
63	M68	Mz	-.02	1.5
64	M61	Y	-92.966	1.5
65	M61	My	.012	1.5
66	M61	Mz	-.02	1.5
67	M195	Y	-47.567	.63
68	M195	My	.024	.63
69	M195	Mz	0	.63
70	M163	Y	-47.567	.63
71	M163	My	.024	.63
72	M163	Mz	0	.63
73	M179	Y	-42.796	1.38
74	M179	My	.021	1.38
75	M179	Mz	0	1.38
76	M147	Y	-42.796	1.38
77	M147	My	.021	1.38
78	M147	Mz	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	-177.822	.25
3	MP2A	Mx	-.148	.25
4	MP2A	X	0	6
5	MP2A	Z	-177.822	6
6	MP2A	Mx	-.148	6
7	MP2B	X	0	.25
8	MP2B	Z	-143.609	.25
9	MP2B	Mx	.143	.25
10	MP2B	X	0	6
11	MP2B	Z	-143.609	6
12	MP2B	Mx	.143	6
13	MP2C	X	0	.25
14	MP2C	Z	-143.609	.25
15	MP2C	Mx	-.023	.25
16	MP2C	X	0	6
17	MP2C	Z	-143.609	6
18	MP2C	Mx	-.023	6
19	MP2A	X	0	.25
20	MP2A	Z	-177.822	.25
21	MP2A	Mx	.148	.25
22	MP2A	X	0	6
23	MP2A	Z	-177.822	6
24	MP2A	Mx	.148	6
25	MP2B	X	0	.25
26	MP2B	Z	-143.609	.25
27	MP2B	Mx	.023	.25
28	MP2B	X	0	6
29	MP2B	Z	-143.609	6
30	MP2B	Mx	.023	6
31	MP2C	X	0	.25
32	MP2C	Z	-143.609	.25
33	MP2C	Mx	-.143	.25
34	MP2C	X	0	6
35	MP2C	Z	-143.609	6
36	MP2C	Mx	-.143	6
37	MP3A	X	0	2
38	MP3A	Z	-70.625	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-70.625	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-35.898	2
45	MP3B	Mx	.016	2
46	MP3B	X	0	4
47	MP3B	Z	-35.898	4
48	MP3B	Mx	.016	4
49	MP3C	X	0	2
50	MP3C	Z	-35.898	2
51	MP3C	Mx	-.016	2
52	MP3C	X	0	4
53	MP3C	Z	-35.898	4
54	MP3C	Mx	-.016	4
55	M131A	X	0	.63
56	M131A	Z	-55.851	.63
57	M131A	Mx	0	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M121	X	0	1.38
59	M121	Z	-55.851	1.38
60	M121	Mx	0	1.38
61	M68	X	0	1.5
62	M68	Z	-93.686	1.5
63	M68	Mx	.02	1.5
64	M61	X	0	1.5
65	M61	Z	-93.686	1.5
66	M61	Mx	.02	1.5
67	M195	X	0	.63
68	M195	Z	-55.851	.63
69	M195	Mx	0	.63
70	M163	X	0	.63
71	M163	Z	-55.851	.63
72	M163	Mx	0	.63
73	M179	X	0	1.38
74	M179	Z	-55.851	1.38
75	M179	Mx	0	1.38
76	M147	X	0	1.38
77	M147	Z	-55.851	1.38
78	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	83.209	.25
2	MP2A	Z	-144.122	.25
3	MP2A	Mx	-.176	.25
4	MP2A	X	83.209	6
5	MP2A	Z	-144.122	6
6	MP2A	Mx	-.176	6
7	MP2B	X	66.102	.25
8	MP2B	Z	-114.492	.25
9	MP2B	Mx	.088	.25
10	MP2B	X	66.102	6
11	MP2B	Z	-114.492	6
12	MP2B	Mx	.088	6
13	MP2C	X	83.209	.25
14	MP2C	Z	-144.122	.25
15	MP2C	Mx	.065	.25
16	MP2C	X	83.209	6
17	MP2C	Z	-144.122	6
18	MP2C	Mx	.065	6
19	MP2A	X	83.209	.25
20	MP2A	Z	-144.122	.25
21	MP2A	Mx	.065	.25
22	MP2A	X	83.209	6
23	MP2A	Z	-144.122	6
24	MP2A	Mx	.065	6
25	MP2B	X	66.102	.25
26	MP2B	Z	-114.492	.25
27	MP2B	Mx	.088	.25
28	MP2B	X	66.102	6
29	MP2B	Z	-114.492	6
30	MP2B	Mx	.088	6
31	MP2C	X	83.209	.25
32	MP2C	Z	-144.122	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	-.176	.25
34	MP2C	X	83.209	6
35	MP2C	Z	-144.122	6
36	MP2C	Mx	-.176	6
37	MP3A	X	29.524	2
38	MP3A	Z	-51.138	2
39	MP3A	Mx	-.015	2
40	MP3A	X	29.524	4
41	MP3A	Z	-51.138	4
42	MP3A	Mx	-.015	4
43	MP3B	X	12.161	2
44	MP3B	Z	-21.064	2
45	MP3B	Mx	.012	2
46	MP3B	X	12.161	4
47	MP3B	Z	-21.064	4
48	MP3B	Mx	.012	4
49	MP3C	X	29.524	2
50	MP3C	Z	-51.138	2
51	MP3C	Mx	-.015	2
52	MP3C	X	29.524	4
53	MP3C	Z	-51.138	4
54	MP3C	Mx	-.015	4
55	M131A	X	25.628	.63
56	M131A	Z	-44.39	.63
57	M131A	Mx	.013	.63
58	M121	X	24.773	1.38
59	M121	Z	-42.907	1.38
60	M121	Mx	.012	1.38
61	M68	X	43.42	1.5
62	M68	Z	-75.205	1.5
63	M68	Mx	.022	1.5
64	M61	X	43.42	1.5
65	M61	Z	-75.205	1.5
66	M61	Mx	.022	1.5
67	M195	X	25.628	.63
68	M195	Z	-44.39	.63
69	M195	Mx	.013	.63
70	M163	X	25.628	.63
71	M163	Z	-44.39	.63
72	M163	Mx	.013	.63
73	M179	X	24.773	1.38
74	M179	Z	-42.907	1.38
75	M179	Mx	.012	1.38
76	M147	X	24.773	1.38
77	M147	Z	-42.907	1.38
78	M147	Mx	.012	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	124.369	.25
2	MP2A	Z	-71.804	.25
3	MP2A	Mx	-.143	.25
4	MP2A	X	124.369	6
5	MP2A	Z	-71.804	6
6	MP2A	Mx	-.143	6
7	MP2B	X	124.369	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	-71.804	.25
9	MP2B	Mx	.023	.25
10	MP2B	X	124.369	6
11	MP2B	Z	-71.804	6
12	MP2B	Mx	.023	6
13	MP2C	X	153.999	.25
14	MP2C	Z	-88.911	.25
15	MP2C	Mx	.148	.25
16	MP2C	X	153.999	6
17	MP2C	Z	-88.911	6
18	MP2C	Mx	.148	6
19	MP2A	X	124.369	.25
20	MP2A	Z	-71.804	.25
21	MP2A	Mx	-.023	.25
22	MP2A	X	124.369	6
23	MP2A	Z	-71.804	6
24	MP2A	Mx	-.023	6
25	MP2B	X	124.369	.25
26	MP2B	Z	-71.804	.25
27	MP2B	Mx	.143	.25
28	MP2B	X	124.369	6
29	MP2B	Z	-71.804	6
30	MP2B	Mx	.143	6
31	MP2C	X	153.999	.25
32	MP2C	Z	-88.911	.25
33	MP2C	Mx	-.148	.25
34	MP2C	X	153.999	6
35	MP2C	Z	-88.911	6
36	MP2C	Mx	-.148	6
37	MP3A	X	31.088	2
38	MP3A	Z	-17.949	2
39	MP3A	Mx	-.016	2
40	MP3A	X	31.088	4
41	MP3A	Z	-17.949	4
42	MP3A	Mx	-.016	4
43	MP3B	X	31.088	2
44	MP3B	Z	-17.949	2
45	MP3B	Mx	.016	2
46	MP3B	X	31.088	4
47	MP3B	Z	-17.949	4
48	MP3B	Mx	.016	4
49	MP3C	X	61.163	2
50	MP3C	Z	-35.312	2
51	MP3C	Mx	0	2
52	MP3C	X	61.163	4
53	MP3C	Z	-35.312	4
54	MP3C	Mx	0	4
55	M131A	X	36.432	.63
56	M131A	Z	-21.034	.63
57	M131A	Mx	.018	.63
58	M121	X	31.986	1.38
59	M121	Z	-18.467	1.38
60	M121	Mx	.016	1.38
61	M68	X	81.134	1.5
62	M68	Z	-46.843	1.5
63	M68	Mx	.02	1.5
64	M61	X	81.134	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	M61	Z	-46.843	1.5
66	M61	Mx	.02	1.5
67	M195	X	36.432	.63
68	M195	Z	-21.034	.63
69	M195	Mx	.018	.63
70	M163	X	36.432	.63
71	M163	Z	-21.034	.63
72	M163	Mx	.018	.63
73	M179	X	31.986	1.38
74	M179	Z	-18.467	1.38
75	M179	Mx	.016	1.38
76	M147	X	31.986	1.38
77	M147	Z	-18.467	1.38
78	M147	Mx	.016	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	132.204	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.088	.25
4	MP2A	X	132.204	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.088	6
7	MP2B	X	166.418	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.065	.25
10	MP2B	X	166.418	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.065	6
13	MP2C	X	166.418	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.176	.25
16	MP2C	X	166.418	6
17	MP2C	Z	0	6
18	MP2C	Mx	.176	6
19	MP2A	X	132.204	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	-.088	.25
22	MP2A	X	132.204	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.088	6
25	MP2B	X	166.418	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	.176	.25
28	MP2B	X	166.418	6
29	MP2B	Z	0	6
30	MP2B	Mx	.176	6
31	MP2C	X	166.418	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	-.065	.25
34	MP2C	X	166.418	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.065	6
37	MP3A	X	24.322	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	24.322	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.012	4
43	MP3B	X	59.049	2
44	MP3B	Z	0	2
45	MP3B	Mx	.015	2
46	MP3B	X	59.049	4
47	MP3B	Z	0	4
48	MP3B	Mx	.015	4
49	MP3C	X	59.049	2
50	MP3C	Z	0	2
51	MP3C	Mx	.015	2
52	MP3C	X	59.049	4
53	MP3C	Z	0	4
54	MP3C	Mx	.015	4
55	M131A	X	37.474	.63
56	M131A	Z	0	.63
57	M131A	Mx	.019	.63
58	M121	X	30.628	1.38
59	M121	Z	0	1.38
60	M121	Mx	.015	1.38
61	M68	X	107.378	1.5
62	M68	Z	0	1.5
63	M68	Mx	.013	1.5
64	M61	X	107.378	1.5
65	M61	Z	0	1.5
66	M61	Mx	.013	1.5
67	M195	X	37.474	.63
68	M195	Z	0	.63
69	M195	Mx	.019	.63
70	M163	X	37.474	.63
71	M163	Z	0	.63
72	M163	Mx	.019	.63
73	M179	X	30.628	1.38
74	M179	Z	0	1.38
75	M179	Mx	.015	1.38
76	M147	X	30.628	1.38
77	M147	Z	0	1.38
78	M147	Mx	.015	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	124.369	.25
2	MP2A	Z	71.804	.25
3	MP2A	Mx	-.023	.25
4	MP2A	X	124.369	6
5	MP2A	Z	71.804	6
6	MP2A	Mx	-.023	6
7	MP2B	X	153.999	.25
8	MP2B	Z	88.911	.25
9	MP2B	Mx	-.148	.25
10	MP2B	X	153.999	6
11	MP2B	Z	88.911	6
12	MP2B	Mx	-.148	6
13	MP2C	X	124.369	.25
14	MP2C	Z	71.804	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	.143	.25
16	MP2C	X	124.369	6
17	MP2C	Z	71.804	6
18	MP2C	Mx	.143	6
19	MP2A	X	124.369	.25
20	MP2A	Z	71.804	.25
21	MP2A	Mx	-.143	.25
22	MP2A	X	124.369	6
23	MP2A	Z	71.804	6
24	MP2A	Mx	-.143	6
25	MP2B	X	153.999	.25
26	MP2B	Z	88.911	.25
27	MP2B	Mx	.148	.25
28	MP2B	X	153.999	6
29	MP2B	Z	88.911	6
30	MP2B	Mx	.148	6
31	MP2C	X	124.369	.25
32	MP2C	Z	71.804	.25
33	MP2C	Mx	.023	.25
34	MP2C	X	124.369	6
35	MP2C	Z	71.804	6
36	MP2C	Mx	.023	6
37	MP3A	X	31.088	2
38	MP3A	Z	17.949	2
39	MP3A	Mx	-.016	2
40	MP3A	X	31.088	4
41	MP3A	Z	17.949	4
42	MP3A	Mx	-.016	4
43	MP3B	X	61.163	2
44	MP3B	Z	35.312	2
45	MP3B	Mx	0	2
46	MP3B	X	61.163	4
47	MP3B	Z	35.312	4
48	MP3B	Mx	0	4
49	MP3C	X	31.088	2
50	MP3C	Z	17.949	2
51	MP3C	Mx	.016	2
52	MP3C	X	31.088	4
53	MP3C	Z	17.949	4
54	MP3C	Mx	.016	4
55	M131A	X	36.432	.63
56	M131A	Z	21.034	.63
57	M131A	Mx	.018	.63
58	M121	X	31.986	1.38
59	M121	Z	18.467	1.38
60	M121	Mx	.016	1.38
61	M68	X	98.921	1.5
62	M68	Z	57.112	1.5
63	M68	Mx	0	1.5
64	M61	X	98.921	1.5
65	M61	Z	57.112	1.5
66	M61	Mx	0	1.5
67	M195	X	36.432	.63
68	M195	Z	21.034	.63
69	M195	Mx	.018	.63
70	M163	X	36.432	.63
71	M163	Z	21.034	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	M163	Mx	.018	.63
73	M179	X	31.986	1.38
74	M179	Z	18.467	1.38
75	M179	Mx	.016	1.38
76	M147	X	31.986	1.38
77	M147	Z	18.467	1.38
78	M147	Mx	.016	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	83.209	.25
2	MP2A	Z	144.122	.25
3	MP2A	Mx	.065	.25
4	MP2A	X	83.209	6
5	MP2A	Z	144.122	6
6	MP2A	Mx	.065	6
7	MP2B	X	83.209	.25
8	MP2B	Z	144.122	.25
9	MP2B	Mx	-.176	.25
10	MP2B	X	83.209	6
11	MP2B	Z	144.122	6
12	MP2B	Mx	-.176	6
13	MP2C	X	66.102	.25
14	MP2C	Z	114.492	.25
15	MP2C	Mx	.088	.25
16	MP2C	X	66.102	6
17	MP2C	Z	114.492	6
18	MP2C	Mx	.088	6
19	MP2A	X	83.209	.25
20	MP2A	Z	144.122	.25
21	MP2A	Mx	-.176	.25
22	MP2A	X	83.209	6
23	MP2A	Z	144.122	6
24	MP2A	Mx	-.176	6
25	MP2B	X	83.209	.25
26	MP2B	Z	144.122	.25
27	MP2B	Mx	.065	.25
28	MP2B	X	83.209	6
29	MP2B	Z	144.122	6
30	MP2B	Mx	.065	6
31	MP2C	X	66.102	.25
32	MP2C	Z	114.492	.25
33	MP2C	Mx	.088	.25
34	MP2C	X	66.102	6
35	MP2C	Z	114.492	6
36	MP2C	Mx	.088	6
37	MP3A	X	29.524	2
38	MP3A	Z	51.138	2
39	MP3A	Mx	-.015	2
40	MP3A	X	29.524	4
41	MP3A	Z	51.138	4
42	MP3A	Mx	-.015	4
43	MP3B	X	29.524	2
44	MP3B	Z	51.138	2
45	MP3B	Mx	-.015	2
46	MP3B	X	29.524	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	51.138	4
48	MP3B	Mx	-.015	4
49	MP3C	X	12.161	2
50	MP3C	Z	21.064	2
51	MP3C	Mx	.012	2
52	MP3C	X	12.161	4
53	MP3C	Z	21.064	4
54	MP3C	Mx	.012	4
55	M131A	X	25.628	.63
56	M131A	Z	44.39	.63
57	M131A	Mx	.013	.63
58	M121	X	24.773	1.38
59	M121	Z	42.907	1.38
60	M121	Mx	.012	1.38
61	M68	X	53.689	1.5
62	M68	Z	92.992	1.5
63	M68	Mx	-.013	1.5
64	M61	X	53.689	1.5
65	M61	Z	92.992	1.5
66	M61	Mx	-.013	1.5
67	M195	X	25.628	.63
68	M195	Z	44.39	.63
69	M195	Mx	.013	.63
70	M163	X	25.628	.63
71	M163	Z	44.39	.63
72	M163	Mx	.013	.63
73	M179	X	24.773	1.38
74	M179	Z	42.907	1.38
75	M179	Mx	.012	1.38
76	M147	X	24.773	1.38
77	M147	Z	42.907	1.38
78	M147	Mx	.012	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	177.822	.25
3	MP2A	Mx	.148	.25
4	MP2A	X	0	6
5	MP2A	Z	177.822	6
6	MP2A	Mx	.148	6
7	MP2B	X	0	.25
8	MP2B	Z	143.609	.25
9	MP2B	Mx	-.143	.25
10	MP2B	X	0	6
11	MP2B	Z	143.609	6
12	MP2B	Mx	-.143	6
13	MP2C	X	0	.25
14	MP2C	Z	143.609	.25
15	MP2C	Mx	.023	.25
16	MP2C	X	0	6
17	MP2C	Z	143.609	6
18	MP2C	Mx	.023	6
19	MP2A	X	0	.25
20	MP2A	Z	177.822	.25
21	MP2A	Mx	-.148	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	0	6
23	MP2A	Z	177.822	6
24	MP2A	Mx	-.148	6
25	MP2B	X	0	.25
26	MP2B	Z	143.609	.25
27	MP2B	Mx	-.023	.25
28	MP2B	X	0	6
29	MP2B	Z	143.609	6
30	MP2B	Mx	-.023	6
31	MP2C	X	0	.25
32	MP2C	Z	143.609	.25
33	MP2C	Mx	.143	.25
34	MP2C	X	0	6
35	MP2C	Z	143.609	6
36	MP2C	Mx	.143	6
37	MP3A	X	0	2
38	MP3A	Z	70.625	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	70.625	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	35.898	2
45	MP3B	Mx	-.016	2
46	MP3B	X	0	4
47	MP3B	Z	35.898	4
48	MP3B	Mx	-.016	4
49	MP3C	X	0	2
50	MP3C	Z	35.898	2
51	MP3C	Mx	.016	2
52	MP3C	X	0	4
53	MP3C	Z	35.898	4
54	MP3C	Mx	.016	4
55	M131A	X	0	.63
56	M131A	Z	55.851	.63
57	M131A	Mx	0	.63
58	M121	X	0	1.38
59	M121	Z	55.851	1.38
60	M121	Mx	0	1.38
61	M68	X	0	1.5
62	M68	Z	93.686	1.5
63	M68	Mx	-.02	1.5
64	M61	X	0	1.5
65	M61	Z	93.686	1.5
66	M61	Mx	-.02	1.5
67	M195	X	0	.63
68	M195	Z	55.851	.63
69	M195	Mx	0	.63
70	M163	X	0	.63
71	M163	Z	55.851	.63
72	M163	Mx	0	.63
73	M179	X	0	1.38
74	M179	Z	55.851	1.38
75	M179	Mx	0	1.38
76	M147	X	0	1.38
77	M147	Z	55.851	1.38
78	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-83.209	.25
2	MP2A	Z	144.122	.25
3	MP2A	Mx	.176	.25
4	MP2A	X	-83.209	6
5	MP2A	Z	144.122	6
6	MP2A	Mx	.176	6
7	MP2B	X	-66.102	.25
8	MP2B	Z	114.492	.25
9	MP2B	Mx	-.088	.25
10	MP2B	X	-66.102	6
11	MP2B	Z	114.492	6
12	MP2B	Mx	-.088	6
13	MP2C	X	-83.209	.25
14	MP2C	Z	144.122	.25
15	MP2C	Mx	-.065	.25
16	MP2C	X	-83.209	6
17	MP2C	Z	144.122	6
18	MP2C	Mx	-.065	6
19	MP2A	X	-83.209	.25
20	MP2A	Z	144.122	.25
21	MP2A	Mx	-.065	.25
22	MP2A	X	-83.209	6
23	MP2A	Z	144.122	6
24	MP2A	Mx	-.065	6
25	MP2B	X	-66.102	.25
26	MP2B	Z	114.492	.25
27	MP2B	Mx	-.088	.25
28	MP2B	X	-66.102	6
29	MP2B	Z	114.492	6
30	MP2B	Mx	-.088	6
31	MP2C	X	-83.209	.25
32	MP2C	Z	144.122	.25
33	MP2C	Mx	.176	.25
34	MP2C	X	-83.209	6
35	MP2C	Z	144.122	6
36	MP2C	Mx	.176	6
37	MP3A	X	-29.524	2
38	MP3A	Z	51.138	2
39	MP3A	Mx	.015	2
40	MP3A	X	-29.524	4
41	MP3A	Z	51.138	4
42	MP3A	Mx	.015	4
43	MP3B	X	-12.161	2
44	MP3B	Z	21.064	2
45	MP3B	Mx	-.012	2
46	MP3B	X	-12.161	4
47	MP3B	Z	21.064	4
48	MP3B	Mx	-.012	4
49	MP3C	X	-29.524	2
50	MP3C	Z	51.138	2
51	MP3C	Mx	.015	2
52	MP3C	X	-29.524	4
53	MP3C	Z	51.138	4
54	MP3C	Mx	.015	4
55	M131A	X	-25.628	.63
56	M131A	Z	44.39	.63
57	M131A	Mx	-.013	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M121	X	-24.773	1.38
59	M121	Z	42.907	1.38
60	M121	Mx	-.012	1.38
61	M68	X	-43.42	1.5
62	M68	Z	75.205	1.5
63	M68	Mx	-.022	1.5
64	M61	X	-43.42	1.5
65	M61	Z	75.205	1.5
66	M61	Mx	-.022	1.5
67	M195	X	-25.628	.63
68	M195	Z	44.39	.63
69	M195	Mx	-.013	.63
70	M163	X	-25.628	.63
71	M163	Z	44.39	.63
72	M163	Mx	-.013	.63
73	M179	X	-24.773	1.38
74	M179	Z	42.907	1.38
75	M179	Mx	-.012	1.38
76	M147	X	-24.773	1.38
77	M147	Z	42.907	1.38
78	M147	Mx	-.012	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-124.369	.25
2	MP2A	Z	71.804	.25
3	MP2A	Mx	.143	.25
4	MP2A	X	-124.369	6
5	MP2A	Z	71.804	6
6	MP2A	Mx	.143	6
7	MP2B	X	-124.369	.25
8	MP2B	Z	71.804	.25
9	MP2B	Mx	-.023	.25
10	MP2B	X	-124.369	6
11	MP2B	Z	71.804	6
12	MP2B	Mx	-.023	6
13	MP2C	X	-153.999	.25
14	MP2C	Z	88.911	.25
15	MP2C	Mx	-.148	.25
16	MP2C	X	-153.999	6
17	MP2C	Z	88.911	6
18	MP2C	Mx	-.148	6
19	MP2A	X	-124.369	.25
20	MP2A	Z	71.804	.25
21	MP2A	Mx	.023	.25
22	MP2A	X	-124.369	6
23	MP2A	Z	71.804	6
24	MP2A	Mx	.023	6
25	MP2B	X	-124.369	.25
26	MP2B	Z	71.804	.25
27	MP2B	Mx	-.143	.25
28	MP2B	X	-124.369	6
29	MP2B	Z	71.804	6
30	MP2B	Mx	-.143	6
31	MP2C	X	-153.999	.25
32	MP2C	Z	88.911	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.148	.25
34	MP2C	X	-153.999	6
35	MP2C	Z	88.911	6
36	MP2C	Mx	.148	6
37	MP3A	X	-31.088	2
38	MP3A	Z	17.949	2
39	MP3A	Mx	.016	2
40	MP3A	X	-31.088	4
41	MP3A	Z	17.949	4
42	MP3A	Mx	.016	4
43	MP3B	X	-31.088	2
44	MP3B	Z	17.949	2
45	MP3B	Mx	-.016	2
46	MP3B	X	-31.088	4
47	MP3B	Z	17.949	4
48	MP3B	Mx	-.016	4
49	MP3C	X	-61.163	2
50	MP3C	Z	35.312	2
51	MP3C	Mx	0	2
52	MP3C	X	-61.163	4
53	MP3C	Z	35.312	4
54	MP3C	Mx	0	4
55	M131A	X	-36.432	.63
56	M131A	Z	21.034	.63
57	M131A	Mx	-.018	.63
58	M121	X	-31.986	1.38
59	M121	Z	18.467	1.38
60	M121	Mx	-.016	1.38
61	M68	X	-81.134	1.5
62	M68	Z	46.843	1.5
63	M68	Mx	-.02	1.5
64	M61	X	-81.134	1.5
65	M61	Z	46.843	1.5
66	M61	Mx	-.02	1.5
67	M195	X	-36.432	.63
68	M195	Z	21.034	.63
69	M195	Mx	-.018	.63
70	M163	X	-36.432	.63
71	M163	Z	21.034	.63
72	M163	Mx	-.018	.63
73	M179	X	-31.986	1.38
74	M179	Z	18.467	1.38
75	M179	Mx	-.016	1.38
76	M147	X	-31.986	1.38
77	M147	Z	18.467	1.38
78	M147	Mx	-.016	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-132.204	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.088	.25
4	MP2A	X	-132.204	6
5	MP2A	Z	0	6
6	MP2A	Mx	.088	6
7	MP2B	X	-166.418	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	0	.25
9	MP2B	Mx	.065	.25
10	MP2B	X	-166.418	6
11	MP2B	Z	0	6
12	MP2B	Mx	.065	6
13	MP2C	X	-166.418	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.176	.25
16	MP2C	X	-166.418	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.176	6
19	MP2A	X	-132.204	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	.088	.25
22	MP2A	X	-132.204	6
23	MP2A	Z	0	6
24	MP2A	Mx	.088	6
25	MP2B	X	-166.418	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	-.176	.25
28	MP2B	X	-166.418	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.176	6
31	MP2C	X	-166.418	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	.065	.25
34	MP2C	X	-166.418	6
35	MP2C	Z	0	6
36	MP2C	Mx	.065	6
37	MP3A	X	-24.322	2
38	MP3A	Z	0	2
39	MP3A	Mx	.012	2
40	MP3A	X	-24.322	4
41	MP3A	Z	0	4
42	MP3A	Mx	.012	4
43	MP3B	X	-59.049	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.015	2
46	MP3B	X	-59.049	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.015	4
49	MP3C	X	-59.049	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.015	2
52	MP3C	X	-59.049	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.015	4
55	M131A	X	-37.474	.63
56	M131A	Z	0	.63
57	M131A	Mx	-.019	.63
58	M121	X	-30.628	1.38
59	M121	Z	0	1.38
60	M121	Mx	-.015	1.38
61	M68	X	-107.378	1.5
62	M68	Z	0	1.5
63	M68	Mx	-.013	1.5
64	M61	X	-107.378	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	M61	Z	0	1.5
66	M61	Mx	-.013	1.5
67	M195	X	-37.474	.63
68	M195	Z	0	.63
69	M195	Mx	-.019	.63
70	M163	X	-37.474	.63
71	M163	Z	0	.63
72	M163	Mx	-.019	.63
73	M179	X	-30.628	1.38
74	M179	Z	0	1.38
75	M179	Mx	-.015	1.38
76	M147	X	-30.628	1.38
77	M147	Z	0	1.38
78	M147	Mx	-.015	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-124.369	.25
2	MP2A	Z	-71.804	.25
3	MP2A	Mx	.023	.25
4	MP2A	X	-124.369	6
5	MP2A	Z	-71.804	6
6	MP2A	Mx	.023	6
7	MP2B	X	-153.999	.25
8	MP2B	Z	-88.911	.25
9	MP2B	Mx	.148	.25
10	MP2B	X	-153.999	6
11	MP2B	Z	-88.911	6
12	MP2B	Mx	.148	6
13	MP2C	X	-124.369	.25
14	MP2C	Z	-71.804	.25
15	MP2C	Mx	-.143	.25
16	MP2C	X	-124.369	6
17	MP2C	Z	-71.804	6
18	MP2C	Mx	-.143	6
19	MP2A	X	-124.369	.25
20	MP2A	Z	-71.804	.25
21	MP2A	Mx	.143	.25
22	MP2A	X	-124.369	6
23	MP2A	Z	-71.804	6
24	MP2A	Mx	.143	6
25	MP2B	X	-153.999	.25
26	MP2B	Z	-88.911	.25
27	MP2B	Mx	-.148	.25
28	MP2B	X	-153.999	6
29	MP2B	Z	-88.911	6
30	MP2B	Mx	-.148	6
31	MP2C	X	-124.369	.25
32	MP2C	Z	-71.804	.25
33	MP2C	Mx	-.023	.25
34	MP2C	X	-124.369	6
35	MP2C	Z	-71.804	6
36	MP2C	Mx	-.023	6
37	MP3A	X	-31.088	2
38	MP3A	Z	-17.949	2
39	MP3A	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	-31.088	4
41	MP3A	Z	-17.949	4
42	MP3A	Mx	.016	4
43	MP3B	X	-61.163	2
44	MP3B	Z	-35.312	2
45	MP3B	Mx	0	2
46	MP3B	X	-61.163	4
47	MP3B	Z	-35.312	4
48	MP3B	Mx	0	4
49	MP3C	X	-31.088	2
50	MP3C	Z	-17.949	2
51	MP3C	Mx	-.016	2
52	MP3C	X	-31.088	4
53	MP3C	Z	-17.949	4
54	MP3C	Mx	-.016	4
55	M131A	X	-36.432	.63
56	M131A	Z	-21.034	.63
57	M131A	Mx	-.018	.63
58	M121	X	-31.986	1.38
59	M121	Z	-18.467	1.38
60	M121	Mx	-.016	1.38
61	M68	X	-98.921	1.5
62	M68	Z	-57.112	1.5
63	M68	Mx	0	1.5
64	M61	X	-98.921	1.5
65	M61	Z	-57.112	1.5
66	M61	Mx	0	1.5
67	M195	X	-36.432	.63
68	M195	Z	-21.034	.63
69	M195	Mx	-.018	.63
70	M163	X	-36.432	.63
71	M163	Z	-21.034	.63
72	M163	Mx	-.018	.63
73	M179	X	-31.986	1.38
74	M179	Z	-18.467	1.38
75	M179	Mx	-.016	1.38
76	M147	X	-31.986	1.38
77	M147	Z	-18.467	1.38
78	M147	Mx	-.016	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-83.209	.25
2	MP2A	Z	-144.122	.25
3	MP2A	Mx	-.065	.25
4	MP2A	X	-83.209	6
5	MP2A	Z	-144.122	6
6	MP2A	Mx	-.065	6
7	MP2B	X	-83.209	.25
8	MP2B	Z	-144.122	.25
9	MP2B	Mx	.176	.25
10	MP2B	X	-83.209	6
11	MP2B	Z	-144.122	6
12	MP2B	Mx	.176	6
13	MP2C	X	-66.102	.25
14	MP2C	Z	-114.492	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	-.088	.25
16	MP2C	X	-66.102	6
17	MP2C	Z	-114.492	6
18	MP2C	Mx	-.088	6
19	MP2A	X	-83.209	.25
20	MP2A	Z	-144.122	.25
21	MP2A	Mx	.176	.25
22	MP2A	X	-83.209	6
23	MP2A	Z	-144.122	6
24	MP2A	Mx	.176	6
25	MP2B	X	-83.209	.25
26	MP2B	Z	-144.122	.25
27	MP2B	Mx	-.065	.25
28	MP2B	X	-83.209	6
29	MP2B	Z	-144.122	6
30	MP2B	Mx	-.065	6
31	MP2C	X	-66.102	.25
32	MP2C	Z	-114.492	.25
33	MP2C	Mx	-.088	.25
34	MP2C	X	-66.102	6
35	MP2C	Z	-114.492	6
36	MP2C	Mx	-.088	6
37	MP3A	X	-29.524	2
38	MP3A	Z	-51.138	2
39	MP3A	Mx	.015	2
40	MP3A	X	-29.524	4
41	MP3A	Z	-51.138	4
42	MP3A	Mx	.015	4
43	MP3B	X	-29.524	2
44	MP3B	Z	-51.138	2
45	MP3B	Mx	.015	2
46	MP3B	X	-29.524	4
47	MP3B	Z	-51.138	4
48	MP3B	Mx	.015	4
49	MP3C	X	-12.161	2
50	MP3C	Z	-21.064	2
51	MP3C	Mx	-.012	2
52	MP3C	X	-12.161	4
53	MP3C	Z	-21.064	4
54	MP3C	Mx	-.012	4
55	M131A	X	-25.628	.63
56	M131A	Z	-44.39	.63
57	M131A	Mx	-.013	.63
58	M121	X	-24.773	1.38
59	M121	Z	-42.907	1.38
60	M121	Mx	-.012	1.38
61	M68	X	-53.689	1.5
62	M68	Z	-92.992	1.5
63	M68	Mx	.013	1.5
64	M61	X	-53.689	1.5
65	M61	Z	-92.992	1.5
66	M61	Mx	.013	1.5
67	M195	X	-25.628	.63
68	M195	Z	-44.39	.63
69	M195	Mx	-.013	.63
70	M163	X	-25.628	.63
71	M163	Z	-44.39	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	M163	Mx	-.013	.63
73	M179	X	-24.773	1.38
74	M179	Z	-42.907	1.38
75	M179	Mx	-.012	1.38
76	M147	X	-24.773	1.38
77	M147	Z	-42.907	1.38
78	M147	Mx	-.012	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	-36.188	.25
3	MP2A	Mx	-.03	.25
4	MP2A	X	0	6
5	MP2A	Z	-36.188	6
6	MP2A	Mx	-.03	6
7	MP2B	X	0	.25
8	MP2B	Z	-29.599	.25
9	MP2B	Mx	.029	.25
10	MP2B	X	0	6
11	MP2B	Z	-29.599	6
12	MP2B	Mx	.029	6
13	MP2C	X	0	.25
14	MP2C	Z	-29.599	.25
15	MP2C	Mx	-.005	.25
16	MP2C	X	0	6
17	MP2C	Z	-29.599	6
18	MP2C	Mx	-.005	6
19	MP2A	X	0	.25
20	MP2A	Z	-36.188	.25
21	MP2A	Mx	.03	.25
22	MP2A	X	0	6
23	MP2A	Z	-36.188	6
24	MP2A	Mx	.03	6
25	MP2B	X	0	.25
26	MP2B	Z	-29.599	.25
27	MP2B	Mx	.005	.25
28	MP2B	X	0	6
29	MP2B	Z	-29.599	6
30	MP2B	Mx	.005	6
31	MP2C	X	0	.25
32	MP2C	Z	-29.599	.25
33	MP2C	Mx	-.029	.25
34	MP2C	X	0	6
35	MP2C	Z	-29.599	6
36	MP2C	Mx	-.029	6
37	MP3A	X	0	2
38	MP3A	Z	-17.882	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-17.882	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-10.209	2
45	MP3B	Mx	.004	2
46	MP3B	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	-10.209	4
48	MP3B	Mx	.004	4
49	MP3C	X	0	2
50	MP3C	Z	-10.209	2
51	MP3C	Mx	-.004	2
52	MP3C	X	0	4
53	MP3C	Z	-10.209	4
54	MP3C	Mx	-.004	4
55	M131A	X	0	.63
56	M131A	Z	-15.115	.63
57	M131A	Mx	0	.63
58	M121	X	0	1.38
59	M121	Z	-15.115	1.38
60	M121	Mx	0	1.38
61	M68	X	0	1.5
62	M68	Z	-25.937	1.5
63	M68	Mx	.006	1.5
64	M61	X	0	1.5
65	M61	Z	-25.937	1.5
66	M61	Mx	.006	1.5
67	M195	X	0	.63
68	M195	Z	-15.115	.63
69	M195	Mx	0	.63
70	M163	X	0	.63
71	M163	Z	-15.115	.63
72	M163	Mx	0	.63
73	M179	X	0	1.38
74	M179	Z	-15.115	1.38
75	M179	Mx	0	1.38
76	M147	X	0	1.38
77	M147	Z	-15.115	1.38
78	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.996	.25
2	MP2A	Z	-29.438	.25
3	MP2A	Mx	-.036	.25
4	MP2A	X	16.996	6
5	MP2A	Z	-29.438	6
6	MP2A	Mx	-.036	6
7	MP2B	X	13.701	.25
8	MP2B	Z	-23.732	.25
9	MP2B	Mx	.018	.25
10	MP2B	X	13.701	6
11	MP2B	Z	-23.732	6
12	MP2B	Mx	.018	6
13	MP2C	X	16.996	.25
14	MP2C	Z	-29.438	.25
15	MP2C	Mx	.013	.25
16	MP2C	X	16.996	6
17	MP2C	Z	-29.438	6
18	MP2C	Mx	.013	6
19	MP2A	X	16.996	.25
20	MP2A	Z	-29.438	.25
21	MP2A	Mx	.013	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	16.996	6
23	MP2A	Z	-29.438	6
24	MP2A	Mx	.013	6
25	MP2B	X	13.701	.25
26	MP2B	Z	-23.732	.25
27	MP2B	Mx	.018	.25
28	MP2B	X	13.701	6
29	MP2B	Z	-23.732	6
30	MP2B	Mx	.018	6
31	MP2C	X	16.996	.25
32	MP2C	Z	-29.438	.25
33	MP2C	Mx	-.036	.25
34	MP2C	X	16.996	6
35	MP2C	Z	-29.438	6
36	MP2C	Mx	-.036	6
37	MP3A	X	7.662	2
38	MP3A	Z	-13.272	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.662	4
41	MP3A	Z	-13.272	4
42	MP3A	Mx	-.004	4
43	MP3B	X	3.826	2
44	MP3B	Z	-6.626	2
45	MP3B	Mx	.004	2
46	MP3B	X	3.826	4
47	MP3B	Z	-6.626	4
48	MP3B	Mx	.004	4
49	MP3C	X	7.662	2
50	MP3C	Z	-13.272	2
51	MP3C	Mx	-.004	2
52	MP3C	X	7.662	4
53	MP3C	Z	-13.272	4
54	MP3C	Mx	-.004	4
55	M131A	X	6.985	.63
56	M131A	Z	-12.099	.63
57	M131A	Mx	.003	.63
58	M121	X	6.768	1.38
59	M121	Z	-11.722	1.38
60	M121	Mx	.003	1.38
61	M68	X	12.128	1.5
62	M68	Z	-21.006	1.5
63	M68	Mx	.006	1.5
64	M61	X	12.128	1.5
65	M61	Z	-21.006	1.5
66	M61	Mx	.006	1.5
67	M195	X	6.985	.63
68	M195	Z	-12.099	.63
69	M195	Mx	.003	.63
70	M163	X	6.985	.63
71	M163	Z	-12.099	.63
72	M163	Mx	.003	.63
73	M179	X	6.768	1.38
74	M179	Z	-11.722	1.38
75	M179	Mx	.003	1.38
76	M147	X	6.768	1.38
77	M147	Z	-11.722	1.38
78	M147	Mx	.003	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	25.634	.25
2	MP2A	Z	-14.8	.25
3	MP2A	Mx	-.029	.25
4	MP2A	X	25.634	6
5	MP2A	Z	-14.8	6
6	MP2A	Mx	-.029	6
7	MP2B	X	25.634	.25
8	MP2B	Z	-14.8	.25
9	MP2B	Mx	.005	.25
10	MP2B	X	25.634	6
11	MP2B	Z	-14.8	6
12	MP2B	Mx	.005	6
13	MP2C	X	31.34	.25
14	MP2C	Z	-18.094	.25
15	MP2C	Mx	.03	.25
16	MP2C	X	31.34	6
17	MP2C	Z	-18.094	6
18	MP2C	Mx	.03	6
19	MP2A	X	25.634	.25
20	MP2A	Z	-14.8	.25
21	MP2A	Mx	-.005	.25
22	MP2A	X	25.634	6
23	MP2A	Z	-14.8	6
24	MP2A	Mx	-.005	6
25	MP2B	X	25.634	.25
26	MP2B	Z	-14.8	.25
27	MP2B	Mx	.029	.25
28	MP2B	X	25.634	6
29	MP2B	Z	-14.8	6
30	MP2B	Mx	.029	6
31	MP2C	X	31.34	.25
32	MP2C	Z	-18.094	.25
33	MP2C	Mx	-.03	.25
34	MP2C	X	31.34	6
35	MP2C	Z	-18.094	6
36	MP2C	Mx	-.03	6
37	MP3A	X	8.841	2
38	MP3A	Z	-5.105	2
39	MP3A	Mx	-.004	2
40	MP3A	X	8.841	4
41	MP3A	Z	-5.105	4
42	MP3A	Mx	-.004	4
43	MP3B	X	8.841	2
44	MP3B	Z	-5.105	2
45	MP3B	Mx	.004	2
46	MP3B	X	8.841	4
47	MP3B	Z	-5.105	4
48	MP3B	Mx	.004	4
49	MP3C	X	15.487	2
50	MP3C	Z	-8.941	2
51	MP3C	Mx	0	2
52	MP3C	X	15.487	4
53	MP3C	Z	-8.941	4
54	MP3C	Mx	0	4
55	M131A	X	10.116	.63
56	M131A	Z	-5.84	.63
57	M131A	Mx	.005	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M121	X	8.986	1.38
59	M121	Z	-5.188	1.38
60	M121	Mx	.004	1.38
61	M68	X	22.462	1.5
62	M68	Z	-12.969	1.5
63	M68	Mx	.006	1.5
64	M61	X	22.462	1.5
65	M61	Z	-12.969	1.5
66	M61	Mx	.006	1.5
67	M195	X	10.116	.63
68	M195	Z	-5.84	.63
69	M195	Mx	.005	.63
70	M163	X	10.116	.63
71	M163	Z	-5.84	.63
72	M163	Mx	.005	.63
73	M179	X	8.986	1.38
74	M179	Z	-5.188	1.38
75	M179	Mx	.004	1.38
76	M147	X	8.986	1.38
77	M147	Z	-5.188	1.38
78	M147	Mx	.004	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	27.403	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.018	.25
4	MP2A	X	27.403	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.018	6
7	MP2B	X	33.992	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.013	.25
10	MP2B	X	33.992	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.013	6
13	MP2C	X	33.992	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.036	.25
16	MP2C	X	33.992	6
17	MP2C	Z	0	6
18	MP2C	Mx	.036	6
19	MP2A	X	27.403	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	-.018	.25
22	MP2A	X	27.403	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.018	6
25	MP2B	X	33.992	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	.036	.25
28	MP2B	X	33.992	6
29	MP2B	Z	0	6
30	MP2B	Mx	.036	6
31	MP2C	X	33.992	.25
32	MP2C	Z	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	-.013	.25
34	MP2C	X	33.992	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.013	6
37	MP3A	X	7.651	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.651	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.004	4
43	MP3B	X	15.325	2
44	MP3B	Z	0	2
45	MP3B	Mx	.004	2
46	MP3B	X	15.325	4
47	MP3B	Z	0	4
48	MP3B	Mx	.004	4
49	MP3C	X	15.325	2
50	MP3C	Z	0	2
51	MP3C	Mx	.004	2
52	MP3C	X	15.325	4
53	MP3C	Z	0	4
54	MP3C	Mx	.004	4
55	M131A	X	10.536	.63
56	M131A	Z	0	.63
57	M131A	Mx	.005	.63
58	M121	X	8.796	1.38
59	M121	Z	0	1.38
60	M121	Mx	.004	1.38
61	M68	X	29.301	1.5
62	M68	Z	0	1.5
63	M68	Mx	.004	1.5
64	M61	X	29.301	1.5
65	M61	Z	0	1.5
66	M61	Mx	.004	1.5
67	M195	X	10.536	.63
68	M195	Z	0	.63
69	M195	Mx	.005	.63
70	M163	X	10.536	.63
71	M163	Z	0	.63
72	M163	Mx	.005	.63
73	M179	X	8.796	1.38
74	M179	Z	0	1.38
75	M179	Mx	.004	1.38
76	M147	X	8.796	1.38
77	M147	Z	0	1.38
78	M147	Mx	.004	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	25.634	.25
2	MP2A	Z	14.8	.25
3	MP2A	Mx	-.005	.25
4	MP2A	X	25.634	6
5	MP2A	Z	14.8	6
6	MP2A	Mx	-.005	6
7	MP2B	X	31.34	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	18.094	.25
9	MP2B	Mx	-.03	.25
10	MP2B	X	31.34	6
11	MP2B	Z	18.094	6
12	MP2B	Mx	-.03	6
13	MP2C	X	25.634	.25
14	MP2C	Z	14.8	.25
15	MP2C	Mx	.029	.25
16	MP2C	X	25.634	6
17	MP2C	Z	14.8	6
18	MP2C	Mx	.029	6
19	MP2A	X	25.634	.25
20	MP2A	Z	14.8	.25
21	MP2A	Mx	-.029	.25
22	MP2A	X	25.634	6
23	MP2A	Z	14.8	6
24	MP2A	Mx	-.029	6
25	MP2B	X	31.34	.25
26	MP2B	Z	18.094	.25
27	MP2B	Mx	.03	.25
28	MP2B	X	31.34	6
29	MP2B	Z	18.094	6
30	MP2B	Mx	.03	6
31	MP2C	X	25.634	.25
32	MP2C	Z	14.8	.25
33	MP2C	Mx	.005	.25
34	MP2C	X	25.634	6
35	MP2C	Z	14.8	6
36	MP2C	Mx	.005	6
37	MP3A	X	8.841	2
38	MP3A	Z	5.105	2
39	MP3A	Mx	-.004	2
40	MP3A	X	8.841	4
41	MP3A	Z	5.105	4
42	MP3A	Mx	-.004	4
43	MP3B	X	15.487	2
44	MP3B	Z	8.941	2
45	MP3B	Mx	0	2
46	MP3B	X	15.487	4
47	MP3B	Z	8.941	4
48	MP3B	Mx	0	4
49	MP3C	X	8.841	2
50	MP3C	Z	5.105	2
51	MP3C	Mx	.004	2
52	MP3C	X	8.841	4
53	MP3C	Z	5.105	4
54	MP3C	Mx	.004	4
55	M131A	X	10.116	.63
56	M131A	Z	5.84	.63
57	M131A	Mx	.005	.63
58	M121	X	8.986	1.38
59	M121	Z	5.188	1.38
60	M121	Mx	.004	1.38
61	M68	X	26.832	1.5
62	M68	Z	15.491	1.5
63	M68	Mx	0	1.5
64	M61	X	26.832	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	M61	Z	15.491	1.5
66	M61	Mx	0	1.5
67	M195	X	10.116	.63
68	M195	Z	5.84	.63
69	M195	Mx	.005	.63
70	M163	X	10.116	.63
71	M163	Z	5.84	.63
72	M163	Mx	.005	.63
73	M179	X	8.986	1.38
74	M179	Z	5.188	1.38
75	M179	Mx	.004	1.38
76	M147	X	8.986	1.38
77	M147	Z	5.188	1.38
78	M147	Mx	.004	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.996	.25
2	MP2A	Z	29.438	.25
3	MP2A	Mx	.013	.25
4	MP2A	X	16.996	6
5	MP2A	Z	29.438	6
6	MP2A	Mx	.013	6
7	MP2B	X	16.996	.25
8	MP2B	Z	29.438	.25
9	MP2B	Mx	-.036	.25
10	MP2B	X	16.996	6
11	MP2B	Z	29.438	6
12	MP2B	Mx	-.036	6
13	MP2C	X	13.701	.25
14	MP2C	Z	23.732	.25
15	MP2C	Mx	.018	.25
16	MP2C	X	13.701	6
17	MP2C	Z	23.732	6
18	MP2C	Mx	.018	6
19	MP2A	X	16.996	.25
20	MP2A	Z	29.438	.25
21	MP2A	Mx	-.036	.25
22	MP2A	X	16.996	6
23	MP2A	Z	29.438	6
24	MP2A	Mx	-.036	6
25	MP2B	X	16.996	.25
26	MP2B	Z	29.438	.25
27	MP2B	Mx	.013	.25
28	MP2B	X	16.996	6
29	MP2B	Z	29.438	6
30	MP2B	Mx	.013	6
31	MP2C	X	13.701	.25
32	MP2C	Z	23.732	.25
33	MP2C	Mx	.018	.25
34	MP2C	X	13.701	6
35	MP2C	Z	23.732	6
36	MP2C	Mx	.018	6
37	MP3A	X	7.662	2
38	MP3A	Z	13.272	2
39	MP3A	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	7.662	4
41	MP3A	Z	13.272	4
42	MP3A	Mx	-.004	4
43	MP3B	X	7.662	2
44	MP3B	Z	13.272	2
45	MP3B	Mx	-.004	2
46	MP3B	X	7.662	4
47	MP3B	Z	13.272	4
48	MP3B	Mx	-.004	4
49	MP3C	X	3.826	2
50	MP3C	Z	6.626	2
51	MP3C	Mx	.004	2
52	MP3C	X	3.826	4
53	MP3C	Z	6.626	4
54	MP3C	Mx	.004	4
55	M131A	X	6.985	.63
56	M131A	Z	12.099	.63
57	M131A	Mx	.003	.63
58	M121	X	6.768	1.38
59	M121	Z	11.722	1.38
60	M121	Mx	.003	1.38
61	M68	X	14.65	1.5
62	M68	Z	25.375	1.5
63	M68	Mx	-.004	1.5
64	M61	X	14.65	1.5
65	M61	Z	25.375	1.5
66	M61	Mx	-.004	1.5
67	M195	X	6.985	.63
68	M195	Z	12.099	.63
69	M195	Mx	.003	.63
70	M163	X	6.985	.63
71	M163	Z	12.099	.63
72	M163	Mx	.003	.63
73	M179	X	6.768	1.38
74	M179	Z	11.722	1.38
75	M179	Mx	.003	1.38
76	M147	X	6.768	1.38
77	M147	Z	11.722	1.38
78	M147	Mx	.003	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	36.188	.25
3	MP2A	Mx	.03	.25
4	MP2A	X	0	6
5	MP2A	Z	36.188	6
6	MP2A	Mx	.03	6
7	MP2B	X	0	.25
8	MP2B	Z	29.599	.25
9	MP2B	Mx	-.029	.25
10	MP2B	X	0	6
11	MP2B	Z	29.599	6
12	MP2B	Mx	-.029	6
13	MP2C	X	0	.25
14	MP2C	Z	29.599	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	.005	.25
16	MP2C	X	0	6
17	MP2C	Z	29.599	6
18	MP2C	Mx	.005	6
19	MP2A	X	0	.25
20	MP2A	Z	36.188	.25
21	MP2A	Mx	-.03	.25
22	MP2A	X	0	6
23	MP2A	Z	36.188	6
24	MP2A	Mx	-.03	6
25	MP2B	X	0	.25
26	MP2B	Z	29.599	.25
27	MP2B	Mx	-.005	.25
28	MP2B	X	0	6
29	MP2B	Z	29.599	6
30	MP2B	Mx	-.005	6
31	MP2C	X	0	.25
32	MP2C	Z	29.599	.25
33	MP2C	Mx	.029	.25
34	MP2C	X	0	6
35	MP2C	Z	29.599	6
36	MP2C	Mx	.029	6
37	MP3A	X	0	2
38	MP3A	Z	17.882	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	17.882	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	10.209	2
45	MP3B	Mx	-.004	2
46	MP3B	X	0	4
47	MP3B	Z	10.209	4
48	MP3B	Mx	-.004	4
49	MP3C	X	0	2
50	MP3C	Z	10.209	2
51	MP3C	Mx	.004	2
52	MP3C	X	0	4
53	MP3C	Z	10.209	4
54	MP3C	Mx	.004	4
55	M131A	X	0	.63
56	M131A	Z	15.115	.63
57	M131A	Mx	0	.63
58	M121	X	0	1.38
59	M121	Z	15.115	1.38
60	M121	Mx	0	1.38
61	M68	X	0	1.5
62	M68	Z	25.937	1.5
63	M68	Mx	-.006	1.5
64	M61	X	0	1.5
65	M61	Z	25.937	1.5
66	M61	Mx	-.006	1.5
67	M195	X	0	.63
68	M195	Z	15.115	.63
69	M195	Mx	0	.63
70	M163	X	0	.63
71	M163	Z	15.115	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	M163	Mx	0	.63
73	M179	X	0	1.38
74	M179	Z	15.115	1.38
75	M179	Mx	0	1.38
76	M147	X	0	1.38
77	M147	Z	15.115	1.38
78	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.996	.25
2	MP2A	Z	29.438	.25
3	MP2A	Mx	.036	.25
4	MP2A	X	-16.996	6
5	MP2A	Z	29.438	6
6	MP2A	Mx	.036	6
7	MP2B	X	-13.701	.25
8	MP2B	Z	23.732	.25
9	MP2B	Mx	-.018	.25
10	MP2B	X	-13.701	6
11	MP2B	Z	23.732	6
12	MP2B	Mx	-.018	6
13	MP2C	X	-16.996	.25
14	MP2C	Z	29.438	.25
15	MP2C	Mx	-.013	.25
16	MP2C	X	-16.996	6
17	MP2C	Z	29.438	6
18	MP2C	Mx	-.013	6
19	MP2A	X	-16.996	.25
20	MP2A	Z	29.438	.25
21	MP2A	Mx	-.013	.25
22	MP2A	X	-16.996	6
23	MP2A	Z	29.438	6
24	MP2A	Mx	-.013	6
25	MP2B	X	-13.701	.25
26	MP2B	Z	23.732	.25
27	MP2B	Mx	-.018	.25
28	MP2B	X	-13.701	6
29	MP2B	Z	23.732	6
30	MP2B	Mx	-.018	6
31	MP2C	X	-16.996	.25
32	MP2C	Z	29.438	.25
33	MP2C	Mx	.036	.25
34	MP2C	X	-16.996	6
35	MP2C	Z	29.438	6
36	MP2C	Mx	.036	6
37	MP3A	X	-7.662	2
38	MP3A	Z	13.272	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.662	4
41	MP3A	Z	13.272	4
42	MP3A	Mx	.004	4
43	MP3B	X	-3.826	2
44	MP3B	Z	6.626	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-3.826	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	6.626	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-7.662	2
50	MP3C	Z	13.272	2
51	MP3C	Mx	.004	2
52	MP3C	X	-7.662	4
53	MP3C	Z	13.272	4
54	MP3C	Mx	.004	4
55	M131A	X	-6.985	.63
56	M131A	Z	12.099	.63
57	M131A	Mx	-.003	.63
58	M121	X	-6.768	1.38
59	M121	Z	11.722	1.38
60	M121	Mx	-.003	1.38
61	M68	X	-12.128	1.5
62	M68	Z	21.006	1.5
63	M68	Mx	-.006	1.5
64	M61	X	-12.128	1.5
65	M61	Z	21.006	1.5
66	M61	Mx	-.006	1.5
67	M195	X	-6.985	.63
68	M195	Z	12.099	.63
69	M195	Mx	-.003	.63
70	M163	X	-6.985	.63
71	M163	Z	12.099	.63
72	M163	Mx	-.003	.63
73	M179	X	-6.768	1.38
74	M179	Z	11.722	1.38
75	M179	Mx	-.003	1.38
76	M147	X	-6.768	1.38
77	M147	Z	11.722	1.38
78	M147	Mx	-.003	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-25.634	.25
2	MP2A	Z	14.8	.25
3	MP2A	Mx	.029	.25
4	MP2A	X	-25.634	6
5	MP2A	Z	14.8	6
6	MP2A	Mx	.029	6
7	MP2B	X	-25.634	.25
8	MP2B	Z	14.8	.25
9	MP2B	Mx	-.005	.25
10	MP2B	X	-25.634	6
11	MP2B	Z	14.8	6
12	MP2B	Mx	-.005	6
13	MP2C	X	-31.34	.25
14	MP2C	Z	18.094	.25
15	MP2C	Mx	-.03	.25
16	MP2C	X	-31.34	6
17	MP2C	Z	18.094	6
18	MP2C	Mx	-.03	6
19	MP2A	X	-25.634	.25
20	MP2A	Z	14.8	.25
21	MP2A	Mx	.005	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-25.634	6
23	MP2A	Z	14.8	6
24	MP2A	Mx	.005	6
25	MP2B	X	-25.634	.25
26	MP2B	Z	14.8	.25
27	MP2B	Mx	-.029	.25
28	MP2B	X	-25.634	6
29	MP2B	Z	14.8	6
30	MP2B	Mx	-.029	6
31	MP2C	X	-31.34	.25
32	MP2C	Z	18.094	.25
33	MP2C	Mx	.03	.25
34	MP2C	X	-31.34	6
35	MP2C	Z	18.094	6
36	MP2C	Mx	.03	6
37	MP3A	X	-8.841	2
38	MP3A	Z	5.105	2
39	MP3A	Mx	.004	2
40	MP3A	X	-8.841	4
41	MP3A	Z	5.105	4
42	MP3A	Mx	.004	4
43	MP3B	X	-8.841	2
44	MP3B	Z	5.105	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-8.841	4
47	MP3B	Z	5.105	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-15.487	2
50	MP3C	Z	8.941	2
51	MP3C	Mx	0	2
52	MP3C	X	-15.487	4
53	MP3C	Z	8.941	4
54	MP3C	Mx	0	4
55	M131A	X	-10.116	.63
56	M131A	Z	5.84	.63
57	M131A	Mx	-.005	.63
58	M121	X	-8.986	1.38
59	M121	Z	5.188	1.38
60	M121	Mx	-.004	1.38
61	M68	X	-22.462	1.5
62	M68	Z	12.969	1.5
63	M68	Mx	-.006	1.5
64	M61	X	-22.462	1.5
65	M61	Z	12.969	1.5
66	M61	Mx	-.006	1.5
67	M195	X	-10.116	.63
68	M195	Z	5.84	.63
69	M195	Mx	-.005	.63
70	M163	X	-10.116	.63
71	M163	Z	5.84	.63
72	M163	Mx	-.005	.63
73	M179	X	-8.986	1.38
74	M179	Z	5.188	1.38
75	M179	Mx	-.004	1.38
76	M147	X	-8.986	1.38
77	M147	Z	5.188	1.38
78	M147	Mx	-.004	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-27.403	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.018	.25
4	MP2A	X	-27.403	6
5	MP2A	Z	0	6
6	MP2A	Mx	.018	6
7	MP2B	X	-33.992	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.013	.25
10	MP2B	X	-33.992	6
11	MP2B	Z	0	6
12	MP2B	Mx	.013	6
13	MP2C	X	-33.992	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.036	.25
16	MP2C	X	-33.992	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.036	6
19	MP2A	X	-27.403	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	.018	.25
22	MP2A	X	-27.403	6
23	MP2A	Z	0	6
24	MP2A	Mx	.018	6
25	MP2B	X	-33.992	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	-.036	.25
28	MP2B	X	-33.992	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.036	6
31	MP2C	X	-33.992	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	.013	.25
34	MP2C	X	-33.992	6
35	MP2C	Z	0	6
36	MP2C	Mx	.013	6
37	MP3A	X	-7.651	2
38	MP3A	Z	0	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.651	4
41	MP3A	Z	0	4
42	MP3A	Mx	.004	4
43	MP3B	X	-15.325	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-15.325	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-15.325	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-15.325	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.004	4
55	M131A	X	-10.536	.63
56	M131A	Z	0	.63
57	M131A	Mx	-.005	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M121	X	-8.796	1.38
59	M121	Z	0	1.38
60	M121	Mx	-.004	1.38
61	M68	X	-29.301	1.5
62	M68	Z	0	1.5
63	M68	Mx	-.004	1.5
64	M61	X	-29.301	1.5
65	M61	Z	0	1.5
66	M61	Mx	-.004	1.5
67	M195	X	-10.536	.63
68	M195	Z	0	.63
69	M195	Mx	-.005	.63
70	M163	X	-10.536	.63
71	M163	Z	0	.63
72	M163	Mx	-.005	.63
73	M179	X	-8.796	1.38
74	M179	Z	0	1.38
75	M179	Mx	-.004	1.38
76	M147	X	-8.796	1.38
77	M147	Z	0	1.38
78	M147	Mx	-.004	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-25.634	.25
2	MP2A	Z	-14.8	.25
3	MP2A	Mx	.005	.25
4	MP2A	X	-25.634	6
5	MP2A	Z	-14.8	6
6	MP2A	Mx	.005	6
7	MP2B	X	-31.34	.25
8	MP2B	Z	-18.094	.25
9	MP2B	Mx	.03	.25
10	MP2B	X	-31.34	6
11	MP2B	Z	-18.094	6
12	MP2B	Mx	.03	6
13	MP2C	X	-25.634	.25
14	MP2C	Z	-14.8	.25
15	MP2C	Mx	-.029	.25
16	MP2C	X	-25.634	6
17	MP2C	Z	-14.8	6
18	MP2C	Mx	-.029	6
19	MP2A	X	-25.634	.25
20	MP2A	Z	-14.8	.25
21	MP2A	Mx	.029	.25
22	MP2A	X	-25.634	6
23	MP2A	Z	-14.8	6
24	MP2A	Mx	.029	6
25	MP2B	X	-31.34	.25
26	MP2B	Z	-18.094	.25
27	MP2B	Mx	-.03	.25
28	MP2B	X	-31.34	6
29	MP2B	Z	-18.094	6
30	MP2B	Mx	-.03	6
31	MP2C	X	-25.634	.25
32	MP2C	Z	-14.8	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	-.005	.25
34	MP2C	X	-25.634	6
35	MP2C	Z	-14.8	6
36	MP2C	Mx	-.005	6
37	MP3A	X	-8.841	2
38	MP3A	Z	-5.105	2
39	MP3A	Mx	.004	2
40	MP3A	X	-8.841	4
41	MP3A	Z	-5.105	4
42	MP3A	Mx	.004	4
43	MP3B	X	-15.487	2
44	MP3B	Z	-8.941	2
45	MP3B	Mx	0	2
46	MP3B	X	-15.487	4
47	MP3B	Z	-8.941	4
48	MP3B	Mx	0	4
49	MP3C	X	-8.841	2
50	MP3C	Z	-5.105	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-8.841	4
53	MP3C	Z	-5.105	4
54	MP3C	Mx	-.004	4
55	M131A	X	-10.116	.63
56	M131A	Z	-5.84	.63
57	M131A	Mx	-.005	.63
58	M121	X	-8.986	1.38
59	M121	Z	-5.188	1.38
60	M121	Mx	-.004	1.38
61	M68	X	-26.832	1.5
62	M68	Z	-15.491	1.5
63	M68	Mx	0	1.5
64	M61	X	-26.832	1.5
65	M61	Z	-15.491	1.5
66	M61	Mx	0	1.5
67	M195	X	-10.116	.63
68	M195	Z	-5.84	.63
69	M195	Mx	-.005	.63
70	M163	X	-10.116	.63
71	M163	Z	-5.84	.63
72	M163	Mx	-.005	.63
73	M179	X	-8.986	1.38
74	M179	Z	-5.188	1.38
75	M179	Mx	-.004	1.38
76	M147	X	-8.986	1.38
77	M147	Z	-5.188	1.38
78	M147	Mx	-.004	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.996	.25
2	MP2A	Z	-29.438	.25
3	MP2A	Mx	-.013	.25
4	MP2A	X	-16.996	6
5	MP2A	Z	-29.438	6
6	MP2A	Mx	-.013	6
7	MP2B	X	-16.996	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	-29.438	.25
9	MP2B	Mx	.036	.25
10	MP2B	X	-16.996	6
11	MP2B	Z	-29.438	6
12	MP2B	Mx	.036	6
13	MP2C	X	-13.701	.25
14	MP2C	Z	-23.732	.25
15	MP2C	Mx	-.018	.25
16	MP2C	X	-13.701	6
17	MP2C	Z	-23.732	6
18	MP2C	Mx	-.018	6
19	MP2A	X	-16.996	.25
20	MP2A	Z	-29.438	.25
21	MP2A	Mx	.036	.25
22	MP2A	X	-16.996	6
23	MP2A	Z	-29.438	6
24	MP2A	Mx	.036	6
25	MP2B	X	-16.996	.25
26	MP2B	Z	-29.438	.25
27	MP2B	Mx	-.013	.25
28	MP2B	X	-16.996	6
29	MP2B	Z	-29.438	6
30	MP2B	Mx	-.013	6
31	MP2C	X	-13.701	.25
32	MP2C	Z	-23.732	.25
33	MP2C	Mx	-.018	.25
34	MP2C	X	-13.701	6
35	MP2C	Z	-23.732	6
36	MP2C	Mx	-.018	6
37	MP3A	X	-7.662	2
38	MP3A	Z	-13.272	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.662	4
41	MP3A	Z	-13.272	4
42	MP3A	Mx	.004	4
43	MP3B	X	-7.662	2
44	MP3B	Z	-13.272	2
45	MP3B	Mx	.004	2
46	MP3B	X	-7.662	4
47	MP3B	Z	-13.272	4
48	MP3B	Mx	.004	4
49	MP3C	X	-3.826	2
50	MP3C	Z	-6.626	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-3.826	4
53	MP3C	Z	-6.626	4
54	MP3C	Mx	-.004	4
55	M131A	X	-6.985	.63
56	M131A	Z	-12.099	.63
57	M131A	Mx	-.003	.63
58	M121	X	-6.768	1.38
59	M121	Z	-11.722	1.38
60	M121	Mx	-.003	1.38
61	M68	X	-14.65	1.5
62	M68	Z	-25.375	1.5
63	M68	Mx	.004	1.5
64	M61	X	-14.65	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	M61	Z	-25.375	1.5
66	M61	Mx	.004	1.5
67	M195	X	-6.985	.63
68	M195	Z	-12.099	.63
69	M195	Mx	-.003	.63
70	M163	X	-6.985	.63
71	M163	Z	-12.099	.63
72	M163	Mx	-.003	.63
73	M179	X	-6.768	1.38
74	M179	Z	-11.722	1.38
75	M179	Mx	-.003	1.38
76	M147	X	-6.768	1.38
77	M147	Z	-11.722	1.38
78	M147	Mx	-.003	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	-11.894	.25
3	MP2A	Mx	-.01	.25
4	MP2A	X	0	6
5	MP2A	Z	-11.894	6
6	MP2A	Mx	-.01	6
7	MP2B	X	0	.25
8	MP2B	Z	-9.605	.25
9	MP2B	Mx	.01	.25
10	MP2B	X	0	6
11	MP2B	Z	-9.605	6
12	MP2B	Mx	.01	6
13	MP2C	X	0	.25
14	MP2C	Z	-9.605	.25
15	MP2C	Mx	-.002	.25
16	MP2C	X	0	6
17	MP2C	Z	-9.605	6
18	MP2C	Mx	-.002	6
19	MP2A	X	0	.25
20	MP2A	Z	-11.894	.25
21	MP2A	Mx	.01	.25
22	MP2A	X	0	6
23	MP2A	Z	-11.894	6
24	MP2A	Mx	.01	6
25	MP2B	X	0	.25
26	MP2B	Z	-9.605	.25
27	MP2B	Mx	.002	.25
28	MP2B	X	0	6
29	MP2B	Z	-9.605	6
30	MP2B	Mx	.002	6
31	MP2C	X	0	.25
32	MP2C	Z	-9.605	.25
33	MP2C	Mx	-.01	.25
34	MP2C	X	0	6
35	MP2C	Z	-9.605	6
36	MP2C	Mx	-.01	6
37	MP3A	X	0	2
38	MP3A	Z	-4.724	2
39	MP3A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	0	4
41	MP3A	Z	-4.724	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-2.401	2
45	MP3B	Mx	.001	2
46	MP3B	X	0	4
47	MP3B	Z	-2.401	4
48	MP3B	Mx	.001	4
49	MP3C	X	0	2
50	MP3C	Z	-2.401	2
51	MP3C	Mx	-.001	2
52	MP3C	X	0	4
53	MP3C	Z	-2.401	4
54	MP3C	Mx	-.001	4
55	M131A	X	0	.63
56	M131A	Z	-3.736	.63
57	M131A	Mx	0	.63
58	M121	X	0	1.38
59	M121	Z	-3.736	1.38
60	M121	Mx	0	1.38
61	M68	X	0	1.5
62	M68	Z	-6.266	1.5
63	M68	Mx	.001	1.5
64	M61	X	0	1.5
65	M61	Z	-6.266	1.5
66	M61	Mx	.001	1.5
67	M195	X	0	.63
68	M195	Z	-3.736	.63
69	M195	Mx	0	.63
70	M163	X	0	.63
71	M163	Z	-3.736	.63
72	M163	Mx	0	.63
73	M179	X	0	1.38
74	M179	Z	-3.736	1.38
75	M179	Mx	0	1.38
76	M147	X	0	1.38
77	M147	Z	-3.736	1.38
78	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.565	.25
2	MP2A	Z	-9.64	.25
3	MP2A	Mx	-.012	.25
4	MP2A	X	5.565	6
5	MP2A	Z	-9.64	6
6	MP2A	Mx	-.012	6
7	MP2B	X	4.421	.25
8	MP2B	Z	-7.658	.25
9	MP2B	Mx	.006	.25
10	MP2B	X	4.421	6
11	MP2B	Z	-7.658	6
12	MP2B	Mx	.006	6
13	MP2C	X	5.565	.25
14	MP2C	Z	-9.64	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	.004	.25
16	MP2C	X	5.565	6
17	MP2C	Z	-9.64	6
18	MP2C	Mx	.004	6
19	MP2A	X	5.565	.25
20	MP2A	Z	-9.64	.25
21	MP2A	Mx	.004	.25
22	MP2A	X	5.565	6
23	MP2A	Z	-9.64	6
24	MP2A	Mx	.004	6
25	MP2B	X	4.421	.25
26	MP2B	Z	-7.658	.25
27	MP2B	Mx	.006	.25
28	MP2B	X	4.421	6
29	MP2B	Z	-7.658	6
30	MP2B	Mx	.006	6
31	MP2C	X	5.565	.25
32	MP2C	Z	-9.64	.25
33	MP2C	Mx	-.012	.25
34	MP2C	X	5.565	6
35	MP2C	Z	-9.64	6
36	MP2C	Mx	-.012	6
37	MP3A	X	1.975	2
38	MP3A	Z	-3.42	2
39	MP3A	Mx	-.000988	2
40	MP3A	X	1.975	4
41	MP3A	Z	-3.42	4
42	MP3A	Mx	-.000988	4
43	MP3B	X	.813	2
44	MP3B	Z	-1.409	2
45	MP3B	Mx	.000813	2
46	MP3B	X	.813	4
47	MP3B	Z	-1.409	4
48	MP3B	Mx	.000813	4
49	MP3C	X	1.975	2
50	MP3C	Z	-3.42	2
51	MP3C	Mx	-.000987	2
52	MP3C	X	1.975	4
53	MP3C	Z	-3.42	4
54	MP3C	Mx	-.000987	4
55	M131A	X	1.714	.63
56	M131A	Z	-2.969	.63
57	M131A	Mx	.000857	.63
58	M121	X	1.657	1.38
59	M121	Z	-2.87	1.38
60	M121	Mx	.000828	1.38
61	M68	X	2.904	1.5
62	M68	Z	-5.03	1.5
63	M68	Mx	.001	1.5
64	M61	X	2.904	1.5
65	M61	Z	-5.03	1.5
66	M61	Mx	.001	1.5
67	M195	X	1.714	.63
68	M195	Z	-2.969	.63
69	M195	Mx	.000857	.63
70	M163	X	1.714	.63
71	M163	Z	-2.969	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	M163	Mx	.000857	.63
73	M179	X	1.657	1.38
74	M179	Z	-2.87	1.38
75	M179	Mx	.000828	1.38
76	M147	X	1.657	1.38
77	M147	Z	-2.87	1.38
78	M147	Mx	.000828	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.318	.25
2	MP2A	Z	-4.803	.25
3	MP2A	Mx	-.01	.25
4	MP2A	X	8.318	6
5	MP2A	Z	-4.803	6
6	MP2A	Mx	-.01	6
7	MP2B	X	8.318	.25
8	MP2B	Z	-4.803	.25
9	MP2B	Mx	.002	.25
10	MP2B	X	8.318	6
11	MP2B	Z	-4.803	6
12	MP2B	Mx	.002	6
13	MP2C	X	10.3	.25
14	MP2C	Z	-5.947	.25
15	MP2C	Mx	.01	.25
16	MP2C	X	10.3	6
17	MP2C	Z	-5.947	6
18	MP2C	Mx	.01	6
19	MP2A	X	8.318	.25
20	MP2A	Z	-4.803	.25
21	MP2A	Mx	-.002	.25
22	MP2A	X	8.318	6
23	MP2A	Z	-4.803	6
24	MP2A	Mx	-.002	6
25	MP2B	X	8.318	.25
26	MP2B	Z	-4.803	.25
27	MP2B	Mx	.01	.25
28	MP2B	X	8.318	6
29	MP2B	Z	-4.803	6
30	MP2B	Mx	.01	6
31	MP2C	X	10.3	.25
32	MP2C	Z	-5.947	.25
33	MP2C	Mx	-.01	.25
34	MP2C	X	10.3	6
35	MP2C	Z	-5.947	6
36	MP2C	Mx	-.01	6
37	MP3A	X	2.079	2
38	MP3A	Z	-1.201	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.079	4
41	MP3A	Z	-1.201	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.079	2
44	MP3B	Z	-1.201	2
45	MP3B	Mx	.001	2
46	MP3B	X	2.079	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	-1.201	4
48	MP3B	Mx	.001	4
49	MP3C	X	4.091	2
50	MP3C	Z	-2.362	2
51	MP3C	Mx	0	2
52	MP3C	X	4.091	4
53	MP3C	Z	-2.362	4
54	MP3C	Mx	0	4
55	M131A	X	2.437	.63
56	M131A	Z	-1.407	.63
57	M131A	Mx	.001	.63
58	M121	X	2.139	1.38
59	M121	Z	-1.235	1.38
60	M121	Mx	.001	1.38
61	M68	X	5.427	1.5
62	M68	Z	-3.133	1.5
63	M68	Mx	.001	1.5
64	M61	X	5.427	1.5
65	M61	Z	-3.133	1.5
66	M61	Mx	.001	1.5
67	M195	X	2.437	.63
68	M195	Z	-1.407	.63
69	M195	Mx	.001	.63
70	M163	X	2.437	.63
71	M163	Z	-1.407	.63
72	M163	Mx	.001	.63
73	M179	X	2.139	1.38
74	M179	Z	-1.235	1.38
75	M179	Mx	.001	1.38
76	M147	X	2.139	1.38
77	M147	Z	-1.235	1.38
78	M147	Mx	.001	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.842	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.006	.25
4	MP2A	X	8.842	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.006	6
7	MP2B	X	11.131	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.004	.25
10	MP2B	X	11.131	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.004	6
13	MP2C	X	11.131	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.012	.25
16	MP2C	X	11.131	6
17	MP2C	Z	0	6
18	MP2C	Mx	.012	6
19	MP2A	X	8.842	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	-.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	8.842	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.006	6
25	MP2B	X	11.131	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	.012	.25
28	MP2B	X	11.131	6
29	MP2B	Z	0	6
30	MP2B	Mx	.012	6
31	MP2C	X	11.131	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	-.004	.25
34	MP2C	X	11.131	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.004	6
37	MP3A	X	1.627	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.000814	2
40	MP3A	X	1.627	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.000814	4
43	MP3B	X	3.949	2
44	MP3B	Z	0	2
45	MP3B	Mx	.000987	2
46	MP3B	X	3.949	4
47	MP3B	Z	0	4
48	MP3B	Mx	.000987	4
49	MP3C	X	3.949	2
50	MP3C	Z	0	2
51	MP3C	Mx	.000987	2
52	MP3C	X	3.949	4
53	MP3C	Z	0	4
54	MP3C	Mx	.000987	4
55	M131A	X	2.506	.63
56	M131A	Z	0	.63
57	M131A	Mx	.001	.63
58	M121	X	2.049	1.38
59	M121	Z	0	1.38
60	M121	Mx	.001	1.38
61	M68	X	7.182	1.5
62	M68	Z	0	1.5
63	M68	Mx	.000898	1.5
64	M61	X	7.182	1.5
65	M61	Z	0	1.5
66	M61	Mx	.000898	1.5
67	M195	X	2.506	.63
68	M195	Z	0	.63
69	M195	Mx	.001	.63
70	M163	X	2.506	.63
71	M163	Z	0	.63
72	M163	Mx	.001	.63
73	M179	X	2.049	1.38
74	M179	Z	0	1.38
75	M179	Mx	.001	1.38
76	M147	X	2.049	1.38
77	M147	Z	0	1.38
78	M147	Mx	.001	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.318	.25
2	MP2A	Z	4.803	.25
3	MP2A	Mx	-.002	.25
4	MP2A	X	8.318	6
5	MP2A	Z	4.803	6
6	MP2A	Mx	-.002	6
7	MP2B	X	10.3	.25
8	MP2B	Z	5.947	.25
9	MP2B	Mx	-.01	.25
10	MP2B	X	10.3	6
11	MP2B	Z	5.947	6
12	MP2B	Mx	-.01	6
13	MP2C	X	8.318	.25
14	MP2C	Z	4.803	.25
15	MP2C	Mx	.01	.25
16	MP2C	X	8.318	6
17	MP2C	Z	4.803	6
18	MP2C	Mx	.01	6
19	MP2A	X	8.318	.25
20	MP2A	Z	4.803	.25
21	MP2A	Mx	-.01	.25
22	MP2A	X	8.318	6
23	MP2A	Z	4.803	6
24	MP2A	Mx	-.01	6
25	MP2B	X	10.3	.25
26	MP2B	Z	5.947	.25
27	MP2B	Mx	.01	.25
28	MP2B	X	10.3	6
29	MP2B	Z	5.947	6
30	MP2B	Mx	.01	6
31	MP2C	X	8.318	.25
32	MP2C	Z	4.803	.25
33	MP2C	Mx	.002	.25
34	MP2C	X	8.318	6
35	MP2C	Z	4.803	6
36	MP2C	Mx	.002	6
37	MP3A	X	2.079	2
38	MP3A	Z	1.201	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.079	4
41	MP3A	Z	1.201	4
42	MP3A	Mx	-.001	4
43	MP3B	X	4.091	2
44	MP3B	Z	2.362	2
45	MP3B	Mx	0	2
46	MP3B	X	4.091	4
47	MP3B	Z	2.362	4
48	MP3B	Mx	0	4
49	MP3C	X	2.079	2
50	MP3C	Z	1.201	2
51	MP3C	Mx	.001	2
52	MP3C	X	2.079	4
53	MP3C	Z	1.201	4
54	MP3C	Mx	.001	4
55	M131A	X	2.437	.63
56	M131A	Z	1.407	.63
57	M131A	Mx	.001	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M121	X	2.139	1.38
59	M121	Z	1.235	1.38
60	M121	Mx	.001	1.38
61	M68	X	6.616	1.5
62	M68	Z	3.82	1.5
63	M68	Mx	0	1.5
64	M61	X	6.616	1.5
65	M61	Z	3.82	1.5
66	M61	Mx	0	1.5
67	M195	X	2.437	.63
68	M195	Z	1.407	.63
69	M195	Mx	.001	.63
70	M163	X	2.437	.63
71	M163	Z	1.407	.63
72	M163	Mx	.001	.63
73	M179	X	2.139	1.38
74	M179	Z	1.235	1.38
75	M179	Mx	.001	1.38
76	M147	X	2.139	1.38
77	M147	Z	1.235	1.38
78	M147	Mx	.001	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.565	.25
2	MP2A	Z	9.64	.25
3	MP2A	Mx	.004	.25
4	MP2A	X	5.565	6
5	MP2A	Z	9.64	6
6	MP2A	Mx	.004	6
7	MP2B	X	5.565	.25
8	MP2B	Z	9.64	.25
9	MP2B	Mx	-.012	.25
10	MP2B	X	5.565	6
11	MP2B	Z	9.64	6
12	MP2B	Mx	-.012	6
13	MP2C	X	4.421	.25
14	MP2C	Z	7.658	.25
15	MP2C	Mx	.006	.25
16	MP2C	X	4.421	6
17	MP2C	Z	7.658	6
18	MP2C	Mx	.006	6
19	MP2A	X	5.565	.25
20	MP2A	Z	9.64	.25
21	MP2A	Mx	-.012	.25
22	MP2A	X	5.565	6
23	MP2A	Z	9.64	6
24	MP2A	Mx	-.012	6
25	MP2B	X	5.565	.25
26	MP2B	Z	9.64	.25
27	MP2B	Mx	.004	.25
28	MP2B	X	5.565	6
29	MP2B	Z	9.64	6
30	MP2B	Mx	.004	6
31	MP2C	X	4.421	.25
32	MP2C	Z	7.658	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.006	.25
34	MP2C	X	4.421	6
35	MP2C	Z	7.658	6
36	MP2C	Mx	.006	6
37	MP3A	X	1.975	2
38	MP3A	Z	3.42	2
39	MP3A	Mx	-.000988	2
40	MP3A	X	1.975	4
41	MP3A	Z	3.42	4
42	MP3A	Mx	-.000988	4
43	MP3B	X	1.975	2
44	MP3B	Z	3.42	2
45	MP3B	Mx	-.000987	2
46	MP3B	X	1.975	4
47	MP3B	Z	3.42	4
48	MP3B	Mx	-.000987	4
49	MP3C	X	.813	2
50	MP3C	Z	1.409	2
51	MP3C	Mx	.000813	2
52	MP3C	X	.813	4
53	MP3C	Z	1.409	4
54	MP3C	Mx	.000813	4
55	M131A	X	1.714	.63
56	M131A	Z	2.969	.63
57	M131A	Mx	.000857	.63
58	M121	X	1.657	1.38
59	M121	Z	2.87	1.38
60	M121	Mx	.000828	1.38
61	M68	X	3.591	1.5
62	M68	Z	6.22	1.5
63	M68	Mx	-.000898	1.5
64	M61	X	3.591	1.5
65	M61	Z	6.22	1.5
66	M61	Mx	-.000898	1.5
67	M195	X	1.714	.63
68	M195	Z	2.969	.63
69	M195	Mx	.000857	.63
70	M163	X	1.714	.63
71	M163	Z	2.969	.63
72	M163	Mx	.000857	.63
73	M179	X	1.657	1.38
74	M179	Z	2.87	1.38
75	M179	Mx	.000828	1.38
76	M147	X	1.657	1.38
77	M147	Z	2.87	1.38
78	M147	Mx	.000828	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	11.894	.25
3	MP2A	Mx	.01	.25
4	MP2A	X	0	6
5	MP2A	Z	11.894	6
6	MP2A	Mx	.01	6
7	MP2B	X	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	9.605	.25
9	MP2B	Mx	-.01	.25
10	MP2B	X	0	6
11	MP2B	Z	9.605	6
12	MP2B	Mx	-.01	6
13	MP2C	X	0	.25
14	MP2C	Z	9.605	.25
15	MP2C	Mx	.002	.25
16	MP2C	X	0	6
17	MP2C	Z	9.605	6
18	MP2C	Mx	.002	6
19	MP2A	X	0	.25
20	MP2A	Z	11.894	.25
21	MP2A	Mx	-.01	.25
22	MP2A	X	0	6
23	MP2A	Z	11.894	6
24	MP2A	Mx	-.01	6
25	MP2B	X	0	.25
26	MP2B	Z	9.605	.25
27	MP2B	Mx	-.002	.25
28	MP2B	X	0	6
29	MP2B	Z	9.605	6
30	MP2B	Mx	-.002	6
31	MP2C	X	0	.25
32	MP2C	Z	9.605	.25
33	MP2C	Mx	.01	.25
34	MP2C	X	0	6
35	MP2C	Z	9.605	6
36	MP2C	Mx	.01	6
37	MP3A	X	0	2
38	MP3A	Z	4.724	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	4.724	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	2.401	2
45	MP3B	Mx	-.001	2
46	MP3B	X	0	4
47	MP3B	Z	2.401	4
48	MP3B	Mx	-.001	4
49	MP3C	X	0	2
50	MP3C	Z	2.401	2
51	MP3C	Mx	.001	2
52	MP3C	X	0	4
53	MP3C	Z	2.401	4
54	MP3C	Mx	.001	4
55	M131A	X	0	.63
56	M131A	Z	3.736	.63
57	M131A	Mx	0	.63
58	M121	X	0	1.38
59	M121	Z	3.736	1.38
60	M121	Mx	0	1.38
61	M68	X	0	1.5
62	M68	Z	6.266	1.5
63	M68	Mx	-.001	1.5
64	M61	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	M61	Z	6.266	1.5
66	M61	Mx	-.001	1.5
67	M195	X	0	.63
68	M195	Z	3.736	.63
69	M195	Mx	0	.63
70	M163	X	0	.63
71	M163	Z	3.736	.63
72	M163	Mx	0	.63
73	M179	X	0	1.38
74	M179	Z	3.736	1.38
75	M179	Mx	0	1.38
76	M147	X	0	1.38
77	M147	Z	3.736	1.38
78	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.565	.25
2	MP2A	Z	9.64	.25
3	MP2A	Mx	.012	.25
4	MP2A	X	-5.565	6
5	MP2A	Z	9.64	6
6	MP2A	Mx	.012	6
7	MP2B	X	-4.421	.25
8	MP2B	Z	7.658	.25
9	MP2B	Mx	-.006	.25
10	MP2B	X	-4.421	6
11	MP2B	Z	7.658	6
12	MP2B	Mx	-.006	6
13	MP2C	X	-5.565	.25
14	MP2C	Z	9.64	.25
15	MP2C	Mx	-.004	.25
16	MP2C	X	-5.565	6
17	MP2C	Z	9.64	6
18	MP2C	Mx	-.004	6
19	MP2A	X	-5.565	.25
20	MP2A	Z	9.64	.25
21	MP2A	Mx	-.004	.25
22	MP2A	X	-5.565	6
23	MP2A	Z	9.64	6
24	MP2A	Mx	-.004	6
25	MP2B	X	-4.421	.25
26	MP2B	Z	7.658	.25
27	MP2B	Mx	-.006	.25
28	MP2B	X	-4.421	6
29	MP2B	Z	7.658	6
30	MP2B	Mx	-.006	6
31	MP2C	X	-5.565	.25
32	MP2C	Z	9.64	.25
33	MP2C	Mx	.012	.25
34	MP2C	X	-5.565	6
35	MP2C	Z	9.64	6
36	MP2C	Mx	.012	6
37	MP3A	X	-1.975	2
38	MP3A	Z	3.42	2
39	MP3A	Mx	.000988	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	-1.975	4
41	MP3A	Z	3.42	4
42	MP3A	Mx	.000988	4
43	MP3B	X	-.813	2
44	MP3B	Z	1.409	2
45	MP3B	Mx	-.000813	2
46	MP3B	X	-.813	4
47	MP3B	Z	1.409	4
48	MP3B	Mx	-.000813	4
49	MP3C	X	-1.975	2
50	MP3C	Z	3.42	2
51	MP3C	Mx	.000987	2
52	MP3C	X	-1.975	4
53	MP3C	Z	3.42	4
54	MP3C	Mx	.000987	4
55	M131A	X	-1.714	.63
56	M131A	Z	2.969	.63
57	M131A	Mx	-.000857	.63
58	M121	X	-1.657	1.38
59	M121	Z	2.87	1.38
60	M121	Mx	-.000828	1.38
61	M68	X	-2.904	1.5
62	M68	Z	5.03	1.5
63	M68	Mx	-.001	1.5
64	M61	X	-2.904	1.5
65	M61	Z	5.03	1.5
66	M61	Mx	-.001	1.5
67	M195	X	-1.714	.63
68	M195	Z	2.969	.63
69	M195	Mx	-.000857	.63
70	M163	X	-1.714	.63
71	M163	Z	2.969	.63
72	M163	Mx	-.000857	.63
73	M179	X	-1.657	1.38
74	M179	Z	2.87	1.38
75	M179	Mx	-.000828	1.38
76	M147	X	-1.657	1.38
77	M147	Z	2.87	1.38
78	M147	Mx	-.000828	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.318	.25
2	MP2A	Z	4.803	.25
3	MP2A	Mx	.01	.25
4	MP2A	X	-8.318	6
5	MP2A	Z	4.803	6
6	MP2A	Mx	.01	6
7	MP2B	X	-8.318	.25
8	MP2B	Z	4.803	.25
9	MP2B	Mx	-.002	.25
10	MP2B	X	-8.318	6
11	MP2B	Z	4.803	6
12	MP2B	Mx	-.002	6
13	MP2C	X	-10.3	.25
14	MP2C	Z	5.947	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	-.01	.25
16	MP2C	X	-10.3	6
17	MP2C	Z	5.947	6
18	MP2C	Mx	-.01	6
19	MP2A	X	-8.318	.25
20	MP2A	Z	4.803	.25
21	MP2A	Mx	.002	.25
22	MP2A	X	-8.318	6
23	MP2A	Z	4.803	6
24	MP2A	Mx	.002	6
25	MP2B	X	-8.318	.25
26	MP2B	Z	4.803	.25
27	MP2B	Mx	-.01	.25
28	MP2B	X	-8.318	6
29	MP2B	Z	4.803	6
30	MP2B	Mx	-.01	6
31	MP2C	X	-10.3	.25
32	MP2C	Z	5.947	.25
33	MP2C	Mx	.01	.25
34	MP2C	X	-10.3	6
35	MP2C	Z	5.947	6
36	MP2C	Mx	.01	6
37	MP3A	X	-2.079	2
38	MP3A	Z	1.201	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.079	4
41	MP3A	Z	1.201	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.079	2
44	MP3B	Z	1.201	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-2.079	4
47	MP3B	Z	1.201	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-4.091	2
50	MP3C	Z	2.362	2
51	MP3C	Mx	0	2
52	MP3C	X	-4.091	4
53	MP3C	Z	2.362	4
54	MP3C	Mx	0	4
55	M131A	X	-2.437	.63
56	M131A	Z	1.407	.63
57	M131A	Mx	-.001	.63
58	M121	X	-2.139	1.38
59	M121	Z	1.235	1.38
60	M121	Mx	-.001	1.38
61	M68	X	-5.427	1.5
62	M68	Z	3.133	1.5
63	M68	Mx	-.001	1.5
64	M61	X	-5.427	1.5
65	M61	Z	3.133	1.5
66	M61	Mx	-.001	1.5
67	M195	X	-2.437	.63
68	M195	Z	1.407	.63
69	M195	Mx	-.001	.63
70	M163	X	-2.437	.63
71	M163	Z	1.407	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	M163	Mx	-.001	.63
73	M179	X	-2.139	1.38
74	M179	Z	1.235	1.38
75	M179	Mx	-.001	1.38
76	M147	X	-2.139	1.38
77	M147	Z	1.235	1.38
78	M147	Mx	-.001	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.842	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.006	.25
4	MP2A	X	-8.842	6
5	MP2A	Z	0	6
6	MP2A	Mx	.006	6
7	MP2B	X	-11.131	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.004	.25
10	MP2B	X	-11.131	6
11	MP2B	Z	0	6
12	MP2B	Mx	.004	6
13	MP2C	X	-11.131	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.012	.25
16	MP2C	X	-11.131	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.012	6
19	MP2A	X	-8.842	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	.006	.25
22	MP2A	X	-8.842	6
23	MP2A	Z	0	6
24	MP2A	Mx	.006	6
25	MP2B	X	-11.131	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	-.012	.25
28	MP2B	X	-11.131	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.012	6
31	MP2C	X	-11.131	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	.004	.25
34	MP2C	X	-11.131	6
35	MP2C	Z	0	6
36	MP2C	Mx	.004	6
37	MP3A	X	-1.627	2
38	MP3A	Z	0	2
39	MP3A	Mx	.000814	2
40	MP3A	X	-1.627	4
41	MP3A	Z	0	4
42	MP3A	Mx	.000814	4
43	MP3B	X	-3.949	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.000987	2
46	MP3B	X	-3.949	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	0	4
48	MP3B	Mx	-.000987	4
49	MP3C	X	-3.949	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.000987	2
52	MP3C	X	-3.949	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.000987	4
55	M131A	X	-2.506	.63
56	M131A	Z	0	.63
57	M131A	Mx	-.001	.63
58	M121	X	-2.049	1.38
59	M121	Z	0	1.38
60	M121	Mx	-.001	1.38
61	M68	X	-7.182	1.5
62	M68	Z	0	1.5
63	M68	Mx	-.000898	1.5
64	M61	X	-7.182	1.5
65	M61	Z	0	1.5
66	M61	Mx	-.000898	1.5
67	M195	X	-2.506	.63
68	M195	Z	0	.63
69	M195	Mx	-.001	.63
70	M163	X	-2.506	.63
71	M163	Z	0	.63
72	M163	Mx	-.001	.63
73	M179	X	-2.049	1.38
74	M179	Z	0	1.38
75	M179	Mx	-.001	1.38
76	M147	X	-2.049	1.38
77	M147	Z	0	1.38
78	M147	Mx	-.001	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.318	.25
2	MP2A	Z	-4.803	.25
3	MP2A	Mx	.002	.25
4	MP2A	X	-8.318	6
5	MP2A	Z	-4.803	6
6	MP2A	Mx	.002	6
7	MP2B	X	-10.3	.25
8	MP2B	Z	-5.947	.25
9	MP2B	Mx	.01	.25
10	MP2B	X	-10.3	6
11	MP2B	Z	-5.947	6
12	MP2B	Mx	.01	6
13	MP2C	X	-8.318	.25
14	MP2C	Z	-4.803	.25
15	MP2C	Mx	-.01	.25
16	MP2C	X	-8.318	6
17	MP2C	Z	-4.803	6
18	MP2C	Mx	-.01	6
19	MP2A	X	-8.318	.25
20	MP2A	Z	-4.803	.25
21	MP2A	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-8.318	6
23	MP2A	Z	-4.803	6
24	MP2A	Mx	.01	6
25	MP2B	X	-10.3	.25
26	MP2B	Z	-5.947	.25
27	MP2B	Mx	-.01	.25
28	MP2B	X	-10.3	6
29	MP2B	Z	-5.947	6
30	MP2B	Mx	-.01	6
31	MP2C	X	-8.318	.25
32	MP2C	Z	-4.803	.25
33	MP2C	Mx	-.002	.25
34	MP2C	X	-8.318	6
35	MP2C	Z	-4.803	6
36	MP2C	Mx	-.002	6
37	MP3A	X	-2.079	2
38	MP3A	Z	-1.201	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.079	4
41	MP3A	Z	-1.201	4
42	MP3A	Mx	.001	4
43	MP3B	X	-4.091	2
44	MP3B	Z	-2.362	2
45	MP3B	Mx	0	2
46	MP3B	X	-4.091	4
47	MP3B	Z	-2.362	4
48	MP3B	Mx	0	4
49	MP3C	X	-2.079	2
50	MP3C	Z	-1.201	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-2.079	4
53	MP3C	Z	-1.201	4
54	MP3C	Mx	-.001	4
55	M131A	X	-2.437	.63
56	M131A	Z	-1.407	.63
57	M131A	Mx	-.001	.63
58	M121	X	-2.139	1.38
59	M121	Z	-1.235	1.38
60	M121	Mx	-.001	1.38
61	M68	X	-6.616	1.5
62	M68	Z	-3.82	1.5
63	M68	Mx	0	1.5
64	M61	X	-6.616	1.5
65	M61	Z	-3.82	1.5
66	M61	Mx	0	1.5
67	M195	X	-2.437	.63
68	M195	Z	-1.407	.63
69	M195	Mx	-.001	.63
70	M163	X	-2.437	.63
71	M163	Z	-1.407	.63
72	M163	Mx	-.001	.63
73	M179	X	-2.139	1.38
74	M179	Z	-1.235	1.38
75	M179	Mx	-.001	1.38
76	M147	X	-2.139	1.38
77	M147	Z	-1.235	1.38
78	M147	Mx	-.001	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.565	.25
2	MP2A	Z	-9.64	.25
3	MP2A	Mx	-.004	.25
4	MP2A	X	-5.565	6
5	MP2A	Z	-9.64	6
6	MP2A	Mx	-.004	6
7	MP2B	X	-5.565	.25
8	MP2B	Z	-9.64	.25
9	MP2B	Mx	.012	.25
10	MP2B	X	-5.565	6
11	MP2B	Z	-9.64	6
12	MP2B	Mx	.012	6
13	MP2C	X	-4.421	.25
14	MP2C	Z	-7.658	.25
15	MP2C	Mx	-.006	.25
16	MP2C	X	-4.421	6
17	MP2C	Z	-7.658	6
18	MP2C	Mx	-.006	6
19	MP2A	X	-5.565	.25
20	MP2A	Z	-9.64	.25
21	MP2A	Mx	.012	.25
22	MP2A	X	-5.565	6
23	MP2A	Z	-9.64	6
24	MP2A	Mx	.012	6
25	MP2B	X	-5.565	.25
26	MP2B	Z	-9.64	.25
27	MP2B	Mx	-.004	.25
28	MP2B	X	-5.565	6
29	MP2B	Z	-9.64	6
30	MP2B	Mx	-.004	6
31	MP2C	X	-4.421	.25
32	MP2C	Z	-7.658	.25
33	MP2C	Mx	-.006	.25
34	MP2C	X	-4.421	6
35	MP2C	Z	-7.658	6
36	MP2C	Mx	-.006	6
37	MP3A	X	-1.975	2
38	MP3A	Z	-3.42	2
39	MP3A	Mx	.000988	2
40	MP3A	X	-1.975	4
41	MP3A	Z	-3.42	4
42	MP3A	Mx	.000988	4
43	MP3B	X	-1.975	2
44	MP3B	Z	-3.42	2
45	MP3B	Mx	.000987	2
46	MP3B	X	-1.975	4
47	MP3B	Z	-3.42	4
48	MP3B	Mx	.000987	4
49	MP3C	X	-.813	2
50	MP3C	Z	-1.409	2
51	MP3C	Mx	-.000813	2
52	MP3C	X	-.813	4
53	MP3C	Z	-1.409	4
54	MP3C	Mx	-.000813	4
55	M131A	X	-1.714	.63
56	M131A	Z	-2.969	.63
57	M131A	Mx	-.000857	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M121	X	-1.657	1.38
59	M121	Z	-2.87	1.38
60	M121	Mx	-.000828	1.38
61	M68	X	-3.591	1.5
62	M68	Z	-6.22	1.5
63	M68	Mx	.000898	1.5
64	M61	X	-3.591	1.5
65	M61	Z	-6.22	1.5
66	M61	Mx	.000898	1.5
67	M195	X	-1.714	.63
68	M195	Z	-2.969	.63
69	M195	Mx	-.000857	.63
70	M163	X	-1.714	.63
71	M163	Z	-2.969	.63
72	M163	Mx	-.000857	.63
73	M179	X	-1.657	1.38
74	M179	Z	-2.87	1.38
75	M179	Mx	-.000828	1.38
76	M147	X	-1.657	1.38
77	M147	Z	-2.87	1.38
78	M147	Mx	-.000828	1.38

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M123A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-.967	.25
2	MP2A	My	-.000644	.25
3	MP2A	Mz	.000806	.25
4	MP2A	Y	-.967	6
5	MP2A	My	-.000644	6
6	MP2A	Mz	.000806	6
7	MP2B	Y	-.967	.25
8	MP2B	My	-.000375	.25
9	MP2B	Mz	-.000961	.25
10	MP2B	Y	-.967	6
11	MP2B	My	-.000375	6
12	MP2B	Mz	-.000961	6
13	MP2C	Y	-.967	.25
14	MP2C	My	.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mz	.000155	.25
16	MP2C	Y	-.967	6
17	MP2C	My	.001	6
18	MP2C	Mz	.000155	6
19	MP2A	Y	-.967	.25
20	MP2A	My	-.000644	.25
21	MP2A	Mz	-.000806	.25
22	MP2A	Y	-.967	6
23	MP2A	My	-.000644	6
24	MP2A	Mz	-.000806	6
25	MP2B	Y	-.967	.25
26	MP2B	My	.001	.25
27	MP2B	Mz	-.000155	.25
28	MP2B	Y	-.967	6
29	MP2B	My	.001	6
30	MP2B	Mz	-.000155	6
31	MP2C	Y	-.967	.25
32	MP2C	My	-.000375	.25
33	MP2C	Mz	.000961	.25
34	MP2C	Y	-.967	6
35	MP2C	My	-.000375	6
36	MP2C	Mz	.000961	6
37	MP3A	Y	-1.83	2
38	MP3A	My	-.000915	2
39	MP3A	Mz	0	2
40	MP3A	Y	-1.83	4
41	MP3A	My	-.000915	4
42	MP3A	Mz	0	4
43	MP3B	Y	-1.83	2
44	MP3B	My	.000458	2
45	MP3B	Mz	-.000793	2
46	MP3B	Y	-1.83	4
47	MP3B	My	.000458	4
48	MP3B	Mz	-.000793	4
49	MP3C	Y	-1.83	2
50	MP3C	My	.000458	2
51	MP3C	Mz	.000793	2
52	MP3C	Y	-1.83	4
53	MP3C	My	.000458	4
54	MP3C	Mz	.000793	4
55	M131A	Y	-3.547	.63
56	M131A	My	.002	.63
57	M131A	Mz	0	.63
58	M121	Y	-2.954	1.38
59	M121	My	.001	1.38
60	M121	Mz	0	1.38
61	M68	Y	-1.345	1.5
62	M68	My	.000168	1.5
63	M68	Mz	-.000291	1.5
64	M61	Y	-1.345	1.5
65	M61	My	.000168	1.5
66	M61	Mz	-.000291	1.5
67	M195	Y	-3.547	.63
68	M195	My	.002	.63
69	M195	Mz	0	.63
70	M163	Y	-3.547	.63
71	M163	My	.002	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	M163	Mz	0	.63
73	M179	Y	-2.954	1.38
74	M179	My	.001	1.38
75	M179	Mz	0	1.38
76	M147	Y	-2.954	1.38
77	M147	My	.001	1.38
78	M147	Mz	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-2.417	.25
2	MP2A	Mx	-.002	.25
3	MP2A	Z	-2.417	6
4	MP2A	Mx	-.002	6
5	MP2B	Z	-2.417	.25
6	MP2B	Mx	.002	.25
7	MP2B	Z	-2.417	6
8	MP2B	Mx	.002	6
9	MP2C	Z	-2.417	.25
10	MP2C	Mx	-.000388	.25
11	MP2C	Z	-2.417	6
12	MP2C	Mx	-.000388	6
13	MP2A	Z	-2.417	.25
14	MP2A	Mx	.002	.25
15	MP2A	Z	-2.417	6
16	MP2A	Mx	.002	6
17	MP2B	Z	-2.417	.25
18	MP2B	Mx	.000388	.25
19	MP2B	Z	-2.417	6
20	MP2B	Mx	.000388	6
21	MP2C	Z	-2.417	.25
22	MP2C	Mx	-.002	.25
23	MP2C	Z	-2.417	6
24	MP2C	Mx	-.002	6
25	MP3A	Z	-4.576	2
26	MP3A	Mx	0	2
27	MP3A	Z	-4.576	4
28	MP3A	Mx	0	4
29	MP3B	Z	-4.576	2
30	MP3B	Mx	.002	2
31	MP3B	Z	-4.576	4
32	MP3B	Mx	.002	4
33	MP3C	Z	-4.576	2
34	MP3C	Mx	-.002	2
35	MP3C	Z	-4.576	4
36	MP3C	Mx	-.002	4
37	M131A	Z	-8.868	.63
38	M131A	Mx	0	.63
39	M121	Z	-7.386	1.38
40	M121	Mx	0	1.38
41	M68	Z	-3.362	1.5
42	M68	Mx	.000728	1.5
43	M61	Z	-3.362	1.5
44	M61	Mx	.000728	1.5
45	M195	Z	-8.868	.63
46	M195	Mx	0	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	M163	Z	-8.868	.63
48	M163	Mx	0	.63
49	M179	Z	-7.386	1.38
50	M179	Mx	0	1.38
51	M147	Z	-7.386	1.38
52	M147	Mx	0	1.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.417	.25
2	MP2A	Mx	-.002	.25
3	MP2A	X	2.417	6
4	MP2A	Mx	-.002	6
5	MP2B	X	2.417	.25
6	MP2B	Mx	-.000938	.25
7	MP2B	X	2.417	6
8	MP2B	Mx	-.000938	6
9	MP2C	X	2.417	.25
10	MP2C	Mx	.003	.25
11	MP2C	X	2.417	6
12	MP2C	Mx	.003	6
13	MP2A	X	2.417	.25
14	MP2A	Mx	-.002	.25
15	MP2A	X	2.417	6
16	MP2A	Mx	-.002	6
17	MP2B	X	2.417	.25
18	MP2B	Mx	.003	.25
19	MP2B	X	2.417	6
20	MP2B	Mx	.003	6
21	MP2C	X	2.417	.25
22	MP2C	Mx	-.000938	.25
23	MP2C	X	2.417	6
24	MP2C	Mx	-.000938	6
25	MP3A	X	4.576	2
26	MP3A	Mx	-.002	2
27	MP3A	X	4.576	4
28	MP3A	Mx	-.002	4
29	MP3B	X	4.576	2
30	MP3B	Mx	.001	2
31	MP3B	X	4.576	4
32	MP3B	Mx	.001	4
33	MP3C	X	4.576	2
34	MP3C	Mx	.001	2
35	MP3C	X	4.576	4
36	MP3C	Mx	.001	4
37	M131A	X	8.868	.63
38	M131A	Mx	.004	.63
39	M121	X	7.386	1.38
40	M121	Mx	.004	1.38
41	M68	X	3.362	1.5
42	M68	Mx	.00042	1.5
43	M61	X	3.362	1.5
44	M61	Mx	.00042	1.5
45	M195	X	8.868	.63
46	M195	Mx	.004	.63
47	M163	X	8.868	.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	M163	Mx	.004	.63
49	M179	X	7.386	1.38
50	M179	Mx	.004	1.38
51	M147	X	7.386	1.38
52	M147	Mx	.004	1.38

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/...
No Data to Print ...			

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.719	-9.719	0	%100
2	M2	Y	-9.719	-9.719	0	%100
3	M3	Y	-9.719	-9.719	0	%100
4	M4	Y	-9.719	-9.719	0	%100
5	M5	Y	-9.719	-9.719	0	%100
6	M6	Y	-9.719	-9.719	0	%100
7	M7	Y	-9.719	-9.719	0	%100
8	M8	Y	-9.719	-9.719	0	%100
9	M9	Y	-9.719	-9.719	0	%100
10	M13	Y	-13.669	-13.669	0	%100
11	M14A	Y	-13.669	-13.669	0	%100
12	M18	Y	-13.669	-13.669	0	%100
13	M22	Y	-11.136	-11.136	0	%100
14	M25	Y	-8.087	-8.087	0	%100
15	M26	Y	-8.087	-8.087	0	%100
16	M27	Y	-8.087	-8.087	0	%100
17	M34	Y	-13.669	-13.669	0	%100
18	M42	Y	-13.669	-13.669	0	%100
19	M50	Y	-13.669	-13.669	0	%100
20	M51	Y	-11.136	-11.136	0	%100
21	M52	Y	-5.467	-5.467	0	%100
22	M53	Y	-5.467	-5.467	0	%100
23	M54	Y	-5.467	-5.467	0	%100
24	M55	Y	-5.467	-5.467	0	%100
25	M56	Y	-5.467	-5.467	0	%100
26	M57	Y	-5.467	-5.467	0	%100
27	M58	Y	-5.467	-5.467	0	%100
28	M59	Y	-5.467	-5.467	0	%100
29	M60	Y	-5.467	-5.467	0	%100
30	M61	Y	-5.467	-5.467	0	%100
31	M62	Y	-5.467	-5.467	0	%100
32	M63	Y	-5.467	-5.467	0	%100
33	M64	Y	-5.467	-5.467	0	%100
34	M65	Y	-5.467	-5.467	0	%100
35	M66	Y	-5.467	-5.467	0	%100
36	M67	Y	-5.467	-5.467	0	%100
37	M68	Y	-5.467	-5.467	0	%100
38	M69	Y	-5.467	-5.467	0	%100
39	M70	Y	-5.467	-5.467	0	%100
40	M71	Y	-5.467	-5.467	0	%100
41	M72	Y	-5.467	-5.467	0	%100
42	M73	Y	-5.991	-5.991	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,%]
43	M74	Y	-5.991	-5.991	0	%100
44	MP2A	Y	-6.06	-6.06	0	%100
45	MP1C	Y	-5.319	-5.319	0	%100
46	MP4B	Y	-5.319	-5.319	0	%100
47	M127	Y	-9.719	-9.719	0	%100
48	M128	Y	-9.719	-9.719	0	%100
49	M129	Y	-5.991	-5.991	0	%100
50	M130	Y	-5.991	-5.991	0	%100
51	M131	Y	-2.91	-2.91	0	%100
52	M132	Y	-2.91	-2.91	0	%100
53	M133	Y	-2.91	-2.91	0	%100
54	M134	Y	-2.91	-2.91	0	%100
55	M135	Y	-2.91	-2.91	0	%100
56	M95	Y	-11.136	-11.136	0	%100
57	M96A	Y	-11.136	-11.136	0	%100
58	M97A	Y	-5.991	-5.991	0	%100
59	M98A	Y	-5.991	-5.991	0	%100
60	MP1B	Y	-5.319	-5.319	0	%100
61	MP4A	Y	-5.319	-5.319	0	%100
62	M105	Y	-11.136	-11.136	0	%100
63	M106	Y	-11.136	-11.136	0	%100
64	M107A	Y	-5.991	-5.991	0	%100
65	M108A	Y	-5.991	-5.991	0	%100
66	MP1A	Y	-5.319	-5.319	0	%100
67	MP4C	Y	-5.319	-5.319	0	%100
68	M117	Y	-2.539	-2.539	0	%100
69	M118A	Y	-2.539	-2.539	0	%100
70	M121	Y	-5.319	-5.319	0	%100
71	M124	Y	-2.539	-2.539	0	%100
72	M125	Y	-2.539	-2.539	0	%100
73	MP3A	Y	-5.319	-5.319	0	%100
74	M127B	Y	-2.539	-2.539	0	%100
75	M128A	Y	-2.539	-2.539	0	%100
76	M131A	Y	-5.319	-5.319	0	%100
77	M134A	Y	-2.539	-2.539	0	%100
78	M135A	Y	-2.539	-2.539	0	%100
79	MP2C	Y	-6.06	-6.06	0	%100
80	M143	Y	-2.539	-2.539	0	%100
81	M144	Y	-2.539	-2.539	0	%100
82	M147	Y	-5.319	-5.319	0	%100
83	M150	Y	-2.539	-2.539	0	%100
84	M151	Y	-2.539	-2.539	0	%100
85	MP3C	Y	-5.319	-5.319	0	%100
86	M159	Y	-2.539	-2.539	0	%100
87	M160	Y	-2.539	-2.539	0	%100
88	M163	Y	-5.319	-5.319	0	%100
89	M166	Y	-2.539	-2.539	0	%100
90	M167	Y	-2.539	-2.539	0	%100
91	MP2B	Y	-6.06	-6.06	0	%100
92	M175	Y	-2.539	-2.539	0	%100
93	M176	Y	-2.539	-2.539	0	%100
94	M179	Y	-5.319	-5.319	0	%100
95	M182	Y	-2.539	-2.539	0	%100
96	M183	Y	-2.539	-2.539	0	%100
97	MP3B	Y	-5.319	-5.319	0	%100
98	M191	Y	-2.539	-2.539	0	%100
99	M192	Y	-2.539	-2.539	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,%]
100	M195	Y	-5.319	-5.319	0	%100
101	M198	Y	-2.539	-2.539	0	%100
102	M199	Y	-2.539	-2.539	0	%100
103	M202	Y	-8.087	-8.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-23.862	-23.862	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-23.862	-23.862	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.966	-5.966	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-5.966	-5.966	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-5.966	-5.966	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-5.966	-5.966	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-23.583	-23.583	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-5.896	-5.896	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-5.896	-5.896	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.337	-.337	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.337	-.337	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.348	-1.348	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	-4.493	-4.493	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	-17.972	-17.972	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	-4.493	-4.493	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	-.337	-.337	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	-.337	-.337	0	%100
37	M50	X	0	0	0	%100
38	M50	Z	-1.348	-1.348	0	%100
39	M51	X	0	0	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	-9.735	-9.735	0	%100
43	M53	X	0	0	0	%100
44	M53	Z	-9.735	-9.735	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	-9.61	-9.61	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-9.735	-9.735	0	%100
49	M56	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,%]
50	M56	Z	-9.735	-9.735	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-10.483	-10.483	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-10.483	-10.483	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-9.735	-9.735	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	-9.735	-9.735	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-2.402	-2.402	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-9.735	-9.735	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-9.735	-9.735	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	-5.614	-5.614	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-5.614	-5.614	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-9.735	-9.735	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-9.735	-9.735	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-2.402	-2.402	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-9.735	-9.735	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	-9.735	-9.735	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	-5.614	-5.614	0	%100
81	M72	X	0	0	0	%100
82	M72	Z	-5.614	-5.614	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	-5.624	-5.624	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	-5.624	-5.624	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-10.334	-10.334	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-8.536	-8.536	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	-8.536	-8.536	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	-5.23	-5.23	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	-14.527	-14.527	0	%100
97	M129	X	0	0	0	%100
98	M129	Z	-11.981	-11.981	0	%100
99	M130	X	0	0	0	%100
100	M130	Z	-11.981	-11.981	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	-1.885	-1.885	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	-1.885	-1.885	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	-1.885	-1.885	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,%]
107	M134	X	0	0	0	%100
108	M134	Z	-1.885	-1.885	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	-1.885	-1.885	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	-6.038	-6.038	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	-6.038	-6.038	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	-1.406	-1.406	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	-1.406	-1.406	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-8.536	-8.536	0	%100
121	MP4A	X	0	0	0	%100
122	MP4A	Z	-8.536	-8.536	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	-6.038	-6.038	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	-6.038	-6.038	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	-1.406	-1.406	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	-1.406	-1.406	0	%100
131	MP1A	X	0	0	0	%100
132	MP1A	Z	-8.536	-8.536	0	%100
133	MP4C	X	0	0	0	%100
134	MP4C	Z	-8.536	-8.536	0	%100
135	M117	X	0	0	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	0	0	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	0	0	0	%100
140	M121	Z	-6.781	-6.781	0	%100
141	M124	X	0	0	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	0	0	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	0	0	0	%100
146	MP3A	Z	-8.536	-8.536	0	%100
147	M127B	X	0	0	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	0	0	0	%100
150	M128A	Z	0	0	0	%100
151	M131A	X	0	0	0	%100
152	M131A	Z	-5.583	-5.583	0	%100
153	M134A	X	0	0	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	0	0	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	0	0	0	%100
158	MP2C	Z	-10.334	-10.334	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	-1.223	-1.223	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	-1.223	-1.223	0	%100
163	M147	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,%]
164	M147	Z	-6.781	-6.781	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	-1.223	-1.223	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	-1.223	-1.223	0	%100
169	MP3C	X	0	0	0	%100
170	MP3C	Z	-8.536	-8.536	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	-1.223	-1.223	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	-1.223	-1.223	0	%100
175	M163	X	0	0	0	%100
176	M163	Z	-5.583	-5.583	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	-1.223	-1.223	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	-1.223	-1.223	0	%100
181	MP2B	X	0	0	0	%100
182	MP2B	Z	-10.334	-10.334	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	-1.223	-1.223	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	-1.223	-1.223	0	%100
187	M179	X	0	0	0	%100
188	M179	Z	-6.781	-6.781	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	-1.223	-1.223	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	-1.223	-1.223	0	%100
193	MP3B	X	0	0	0	%100
194	MP3B	Z	-8.536	-8.536	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	-1.223	-1.223	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	-1.223	-1.223	0	%100
199	M195	X	0	0	0	%100
200	M195	Z	-5.583	-5.583	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	-1.223	-1.223	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	-1.223	-1.223	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	-3.207	-3.207	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	8.948	8.948	0	%100
2	M1	Z	-15.499	-15.499	0	%100
3	M2	X	8.948	8.948	0	%100
4	M2	Z	-15.499	-15.499	0	%100
5	M3	X	8.948	8.948	0	%100
6	M3	Z	-15.499	-15.499	0	%100
7	M4	X	8.948	8.948	0	%100
8	M4	Z	-15.499	-15.499	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	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,%]
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	8.843	8.843	0	%100
14	M7	Z	-15.317	-15.317	0	%100
15	M8	X	8.843	8.843	0	%100
16	M8	Z	-15.317	-15.317	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.505	.505	0	%100
20	M13	Z	-.875	-.875	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.505	.505	0	%100
24	M18	Z	-.875	-.875	0	%100
25	M22	X	1.006	1.006	0	%100
26	M22	Z	-1.743	-1.743	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	6.739	6.739	0	%100
30	M26	Z	-11.673	-11.673	0	%100
31	M27	X	6.739	6.739	0	%100
32	M27	Z	-11.673	-11.673	0	%100
33	M34	X	.505	.505	0	%100
34	M34	Z	-.875	-.875	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	.505	.505	0	%100
38	M50	Z	-.875	-.875	0	%100
39	M51	X	1.006	1.006	0	%100
40	M51	Z	-1.743	-1.743	0	%100
41	M52	X	4.867	4.867	0	%100
42	M52	Z	-8.43	-8.43	0	%100
43	M53	X	4.867	4.867	0	%100
44	M53	Z	-8.43	-8.43	0	%100
45	M54	X	3.604	3.604	0	%100
46	M54	Z	-6.242	-6.242	0	%100
47	M55	X	4.867	4.867	0	%100
48	M55	Z	-8.43	-8.43	0	%100
49	M56	X	4.867	4.867	0	%100
50	M56	Z	-8.43	-8.43	0	%100
51	M57	X	4.43	4.43	0	%100
52	M57	Z	-7.673	-7.673	0	%100
53	M58	X	4.43	4.43	0	%100
54	M58	Z	-7.673	-7.673	0	%100
55	M59	X	4.867	4.867	0	%100
56	M59	Z	-8.43	-8.43	0	%100
57	M60	X	4.867	4.867	0	%100
58	M60	Z	-8.43	-8.43	0	%100
59	M61	X	3.604	3.604	0	%100
60	M61	Z	-6.242	-6.242	0	%100
61	M62	X	4.867	4.867	0	%100
62	M62	Z	-8.43	-8.43	0	%100
63	M63	X	4.867	4.867	0	%100
64	M63	Z	-8.43	-8.43	0	%100
65	M64	X	4.43	4.43	0	%100
66	M64	Z	-7.673	-7.673	0	%100
67	M65	X	4.43	4.43	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,%]
68	M65	Z	-7.673	-7.673	0	%100
69	M66	X	4.867	4.867	0	%100
70	M66	Z	-8.43	-8.43	0	%100
71	M67	X	4.867	4.867	0	%100
72	M67	Z	-8.43	-8.43	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	4.867	4.867	0	%100
76	M69	Z	-8.43	-8.43	0	%100
77	M70	X	4.867	4.867	0	%100
78	M70	Z	-8.43	-8.43	0	%100
79	M71	X	1.995	1.995	0	%100
80	M71	Z	-3.456	-3.456	0	%100
81	M72	X	1.995	1.995	0	%100
82	M72	Z	-3.456	-3.456	0	%100
83	M73	X	2.109	2.109	0	%100
84	M73	Z	-3.653	-3.653	0	%100
85	M74	X	2.109	2.109	0	%100
86	M74	Z	-3.653	-3.653	0	%100
87	MP2A	X	5.167	5.167	0	%100
88	MP2A	Z	-8.949	-8.949	0	%100
89	MP1C	X	4.268	4.268	0	%100
90	MP1C	Z	-7.393	-7.393	0	%100
91	MP4B	X	4.268	4.268	0	%100
92	MP4B	Z	-7.393	-7.393	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	9.685	9.685	0	%100
96	M128	Z	-16.774	-16.774	0	%100
97	M129	X	5.991	5.991	0	%100
98	M129	Z	-10.376	-10.376	0	%100
99	M130	X	5.991	5.991	0	%100
100	M130	Z	-10.376	-10.376	0	%100
101	M131	X	1.256	1.256	0	%100
102	M131	Z	-2.176	-2.176	0	%100
103	M132	X	1.256	1.256	0	%100
104	M132	Z	-2.176	-2.176	0	%100
105	M133	X	1.256	1.256	0	%100
106	M133	Z	-2.176	-2.176	0	%100
107	M134	X	1.256	1.256	0	%100
108	M134	Z	-2.176	-2.176	0	%100
109	M135	X	1.256	1.256	0	%100
110	M135	Z	-2.176	-2.176	0	%100
111	M95	X	1.006	1.006	0	%100
112	M95	Z	-1.743	-1.743	0	%100
113	M96A	X	1.006	1.006	0	%100
114	M96A	Z	-1.743	-1.743	0	%100
115	M97A	X	2.109	2.109	0	%100
116	M97A	Z	-3.653	-3.653	0	%100
117	M98A	X	2.109	2.109	0	%100
118	M98A	Z	-3.653	-3.653	0	%100
119	MP1B	X	4.268	4.268	0	%100
120	MP1B	Z	-7.393	-7.393	0	%100
121	MP4A	X	4.268	4.268	0	%100
122	MP4A	Z	-7.393	-7.393	0	%100
123	M105	X	4.026	4.026	0	%100
124	M105	Z	-6.973	-6.973	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,%]
125	M106	X	4.026	4.026	0	%100
126	M106	Z	-6.973	-6.973	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	4.268	4.268	0	%100
132	MP1A	Z	-7.393	-7.393	0	%100
133	MP4C	X	4.268	4.268	0	%100
134	MP4C	Z	-7.393	-7.393	0	%100
135	M117	X	.204	.204	0	%100
136	M117	Z	-.353	-.353	0	%100
137	M118A	X	.204	.204	0	%100
138	M118A	Z	-.353	-.353	0	%100
139	M121	X	3.39	3.39	0	%100
140	M121	Z	-5.872	-5.872	0	%100
141	M124	X	.204	.204	0	%100
142	M124	Z	-.353	-.353	0	%100
143	M125	X	.204	.204	0	%100
144	M125	Z	-.353	-.353	0	%100
145	MP3A	X	4.268	4.268	0	%100
146	MP3A	Z	-7.393	-7.393	0	%100
147	M127B	X	.204	.204	0	%100
148	M127B	Z	-.353	-.353	0	%100
149	M128A	X	.204	.204	0	%100
150	M128A	Z	-.353	-.353	0	%100
151	M131A	X	2.791	2.791	0	%100
152	M131A	Z	-4.835	-4.835	0	%100
153	M134A	X	.204	.204	0	%100
154	M134A	Z	-.353	-.353	0	%100
155	M135A	X	.204	.204	0	%100
156	M135A	Z	-.353	-.353	0	%100
157	MP2C	X	5.167	5.167	0	%100
158	MP2C	Z	-8.949	-8.949	0	%100
159	M143	X	.204	.204	0	%100
160	M143	Z	-.353	-.353	0	%100
161	M144	X	.204	.204	0	%100
162	M144	Z	-.353	-.353	0	%100
163	M147	X	3.39	3.39	0	%100
164	M147	Z	-5.872	-5.872	0	%100
165	M150	X	.204	.204	0	%100
166	M150	Z	-.353	-.353	0	%100
167	M151	X	.204	.204	0	%100
168	M151	Z	-.353	-.353	0	%100
169	MP3C	X	4.268	4.268	0	%100
170	MP3C	Z	-7.393	-7.393	0	%100
171	M159	X	.204	.204	0	%100
172	M159	Z	-.353	-.353	0	%100
173	M160	X	.204	.204	0	%100
174	M160	Z	-.353	-.353	0	%100
175	M163	X	2.791	2.791	0	%100
176	M163	Z	-4.835	-4.835	0	%100
177	M166	X	.204	.204	0	%100
178	M166	Z	-.353	-.353	0	%100
179	M167	X	.204	.204	0	%100
180	M167	Z	-.353	-.353	0	%100
181	MP2B	X	5.167	5.167	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,%]
182	MP2B	Z	-8.949	-8.949	0	%100
183	M175	X	.815	.815	0	%100
184	M175	Z	-1.412	-1.412	0	%100
185	M176	X	.815	.815	0	%100
186	M176	Z	-1.412	-1.412	0	%100
187	M179	X	3.39	3.39	0	%100
188	M179	Z	-5.872	-5.872	0	%100
189	M182	X	.815	.815	0	%100
190	M182	Z	-1.412	-1.412	0	%100
191	M183	X	.815	.815	0	%100
192	M183	Z	-1.412	-1.412	0	%100
193	MP3B	X	4.268	4.268	0	%100
194	MP3B	Z	-7.393	-7.393	0	%100
195	M191	X	.815	.815	0	%100
196	M191	Z	-1.412	-1.412	0	%100
197	M192	X	.815	.815	0	%100
198	M192	Z	-1.412	-1.412	0	%100
199	M195	X	2.791	2.791	0	%100
200	M195	Z	-4.835	-4.835	0	%100
201	M198	X	.815	.815	0	%100
202	M198	Z	-1.412	-1.412	0	%100
203	M199	X	.815	.815	0	%100
204	M199	Z	-1.412	-1.412	0	%100
205	M202	X	4.811	4.811	0	%100
206	M202	Z	-8.333	-8.333	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.166	5.166	0	%100
2	M1	Z	-2.983	-2.983	0	%100
3	M2	X	5.166	5.166	0	%100
4	M2	Z	-2.983	-2.983	0	%100
5	M3	X	20.665	20.665	0	%100
6	M3	Z	-11.931	-11.931	0	%100
7	M4	X	20.665	20.665	0	%100
8	M4	Z	-11.931	-11.931	0	%100
9	M5	X	5.166	5.166	0	%100
10	M5	Z	-2.983	-2.983	0	%100
11	M6	X	5.166	5.166	0	%100
12	M6	Z	-2.983	-2.983	0	%100
13	M7	X	5.106	5.106	0	%100
14	M7	Z	-2.948	-2.948	0	%100
15	M8	X	20.423	20.423	0	%100
16	M8	Z	-11.791	-11.791	0	%100
17	M9	X	5.106	5.106	0	%100
18	M9	Z	-2.948	-2.948	0	%100
19	M13	X	1.167	1.167	0	%100
20	M13	Z	-.674	-.674	0	%100
21	M14A	X	.292	.292	0	%100
22	M14A	Z	-.168	-.168	0	%100
23	M18	X	.292	.292	0	%100
24	M18	Z	-.168	-.168	0	%100
25	M22	X	5.229	5.229	0	%100
26	M22	Z	-3.019	-3.019	0	%100
27	M25	X	3.891	3.891	0	%100
28	M25	Z	-2.246	-2.246	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,%]
29	M26	X	3.891	3.891	0	%100
30	M26	Z	-2.246	-2.246	0	%100
31	M27	X	15.564	15.564	0	%100
32	M27	Z	-8.986	-8.986	0	%100
33	M34	X	1.167	1.167	0	%100
34	M34	Z	-.674	-.674	0	%100
35	M42	X	.292	.292	0	%100
36	M42	Z	-.168	-.168	0	%100
37	M50	X	.292	.292	0	%100
38	M50	Z	-.168	-.168	0	%100
39	M51	X	5.229	5.229	0	%100
40	M51	Z	-3.019	-3.019	0	%100
41	M52	X	8.43	8.43	0	%100
42	M52	Z	-4.867	-4.867	0	%100
43	M53	X	8.43	8.43	0	%100
44	M53	Z	-4.867	-4.867	0	%100
45	M54	X	2.081	2.081	0	%100
46	M54	Z	-1.201	-1.201	0	%100
47	M55	X	8.43	8.43	0	%100
48	M55	Z	-4.867	-4.867	0	%100
49	M56	X	8.43	8.43	0	%100
50	M56	Z	-4.867	-4.867	0	%100
51	M57	X	4.862	4.862	0	%100
52	M57	Z	-2.807	-2.807	0	%100
53	M58	X	4.862	4.862	0	%100
54	M58	Z	-2.807	-2.807	0	%100
55	M59	X	8.43	8.43	0	%100
56	M59	Z	-4.867	-4.867	0	%100
57	M60	X	8.43	8.43	0	%100
58	M60	Z	-4.867	-4.867	0	%100
59	M61	X	8.322	8.322	0	%100
60	M61	Z	-4.805	-4.805	0	%100
61	M62	X	8.43	8.43	0	%100
62	M62	Z	-4.867	-4.867	0	%100
63	M63	X	8.43	8.43	0	%100
64	M63	Z	-4.867	-4.867	0	%100
65	M64	X	9.079	9.079	0	%100
66	M64	Z	-5.242	-5.242	0	%100
67	M65	X	9.079	9.079	0	%100
68	M65	Z	-5.242	-5.242	0	%100
69	M66	X	8.43	8.43	0	%100
70	M66	Z	-4.867	-4.867	0	%100
71	M67	X	8.43	8.43	0	%100
72	M67	Z	-4.867	-4.867	0	%100
73	M68	X	2.081	2.081	0	%100
74	M68	Z	-1.201	-1.201	0	%100
75	M69	X	8.43	8.43	0	%100
76	M69	Z	-4.867	-4.867	0	%100
77	M70	X	8.43	8.43	0	%100
78	M70	Z	-4.867	-4.867	0	%100
79	M71	X	4.862	4.862	0	%100
80	M71	Z	-2.807	-2.807	0	%100
81	M72	X	4.862	4.862	0	%100
82	M72	Z	-2.807	-2.807	0	%100
83	M73	X	1.218	1.218	0	%100
84	M73	Z	-.703	-.703	0	%100
85	M74	X	1.218	1.218	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,%]
86	M74	Z	-.703	-.703	0	%100
87	MP2A	X	8.949	8.949	0	%100
88	MP2A	Z	-5.167	-5.167	0	%100
89	MP1C	X	7.393	7.393	0	%100
90	MP1C	Z	-4.268	-4.268	0	%100
91	MP4B	X	7.393	7.393	0	%100
92	MP4B	Z	-4.268	-4.268	0	%100
93	M127	X	4.529	4.529	0	%100
94	M127	Z	-2.615	-2.615	0	%100
95	M128	X	12.581	12.581	0	%100
96	M128	Z	-7.264	-7.264	0	%100
97	M129	X	10.376	10.376	0	%100
98	M129	Z	-5.991	-5.991	0	%100
99	M130	X	10.376	10.376	0	%100
100	M130	Z	-5.991	-5.991	0	%100
101	M131	X	1.632	1.632	0	%100
102	M131	Z	-.942	-.942	0	%100
103	M132	X	1.632	1.632	0	%100
104	M132	Z	-.942	-.942	0	%100
105	M133	X	1.632	1.632	0	%100
106	M133	Z	-.942	-.942	0	%100
107	M134	X	1.632	1.632	0	%100
108	M134	Z	-.942	-.942	0	%100
109	M135	X	1.632	1.632	0	%100
110	M135	Z	-.942	-.942	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	4.871	4.871	0	%100
116	M97A	Z	-2.812	-2.812	0	%100
117	M98A	X	4.871	4.871	0	%100
118	M98A	Z	-2.812	-2.812	0	%100
119	MP1B	X	7.393	7.393	0	%100
120	MP1B	Z	-4.268	-4.268	0	%100
121	MP4A	X	7.393	7.393	0	%100
122	MP4A	Z	-4.268	-4.268	0	%100
123	M105	X	5.229	5.229	0	%100
124	M105	Z	-3.019	-3.019	0	%100
125	M106	X	5.229	5.229	0	%100
126	M106	Z	-3.019	-3.019	0	%100
127	M107A	X	1.218	1.218	0	%100
128	M107A	Z	-.703	-.703	0	%100
129	M108A	X	1.218	1.218	0	%100
130	M108A	Z	-.703	-.703	0	%100
131	MP1A	X	7.393	7.393	0	%100
132	MP1A	Z	-4.268	-4.268	0	%100
133	MP4C	X	7.393	7.393	0	%100
134	MP4C	Z	-4.268	-4.268	0	%100
135	M117	X	1.059	1.059	0	%100
136	M117	Z	-.612	-.612	0	%100
137	M118A	X	1.059	1.059	0	%100
138	M118A	Z	-.612	-.612	0	%100
139	M121	X	5.872	5.872	0	%100
140	M121	Z	-3.39	-3.39	0	%100
141	M124	X	1.059	1.059	0	%100
142	M124	Z	-.612	-.612	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,%]
143	M125	X	1.059	1.059	0	%100
144	M125	Z	-.612	-.612	0	%100
145	MP3A	X	7.393	7.393	0	%100
146	MP3A	Z	-4.268	-4.268	0	%100
147	M127B	X	1.059	1.059	0	%100
148	M127B	Z	-.612	-.612	0	%100
149	M128A	X	1.059	1.059	0	%100
150	M128A	Z	-.612	-.612	0	%100
151	M131A	X	4.835	4.835	0	%100
152	M131A	Z	-2.791	-2.791	0	%100
153	M134A	X	1.059	1.059	0	%100
154	M134A	Z	-.612	-.612	0	%100
155	M135A	X	1.059	1.059	0	%100
156	M135A	Z	-.612	-.612	0	%100
157	MP2C	X	8.949	8.949	0	%100
158	MP2C	Z	-5.167	-5.167	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	5.872	5.872	0	%100
164	M147	Z	-3.39	-3.39	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	7.393	7.393	0	%100
170	MP3C	Z	-4.268	-4.268	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	4.835	4.835	0	%100
176	M163	Z	-2.791	-2.791	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	8.949	8.949	0	%100
182	MP2B	Z	-5.167	-5.167	0	%100
183	M175	X	1.059	1.059	0	%100
184	M175	Z	-.612	-.612	0	%100
185	M176	X	1.059	1.059	0	%100
186	M176	Z	-.612	-.612	0	%100
187	M179	X	5.872	5.872	0	%100
188	M179	Z	-3.39	-3.39	0	%100
189	M182	X	1.059	1.059	0	%100
190	M182	Z	-.612	-.612	0	%100
191	M183	X	1.059	1.059	0	%100
192	M183	Z	-.612	-.612	0	%100
193	MP3B	X	7.393	7.393	0	%100
194	MP3B	Z	-4.268	-4.268	0	%100
195	M191	X	1.059	1.059	0	%100
196	M191	Z	-.612	-.612	0	%100
197	M192	X	1.059	1.059	0	%100
198	M192	Z	-.612	-.612	0	%100
199	M195	X	4.835	4.835	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,%]
200	M195	Z	-2.791	-2.791	0	%100
201	M198	X	1.059	1.059	0	%100
202	M198	Z	-.612	-.612	0	%100
203	M199	X	1.059	1.059	0	%100
204	M199	Z	-.612	-.612	0	%100
205	M202	X	11.111	11.111	0	%100
206	M202	Z	-6.415	-6.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	17.897	17.897	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	17.897	17.897	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	17.897	17.897	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	17.897	17.897	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	17.687	17.687	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	17.687	17.687	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.011	1.011	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.011	1.011	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	8.051	8.051	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	13.479	13.479	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	13.479	13.479	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	1.011	1.011	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	1.011	1.011	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	0	0	0	%100
38	M50	Z	0	0	0	%100
39	M51	X	8.051	8.051	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	9.735	9.735	0	%100
42	M52	Z	0	0	0	%100
43	M53	X	9.735	9.735	0	%100
44	M53	Z	0	0	0	%100
45	M54	X	0	0	0	%100
46	M54	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,%]
47	M55	X	9.735	9.735	0	%100
48	M55	Z	0	0	0	%100
49	M56	X	9.735	9.735	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	3.99	3.99	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	3.99	3.99	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	9.735	9.735	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	9.735	9.735	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	7.207	7.207	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	9.735	9.735	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	9.735	9.735	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	8.86	8.86	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	8.86	8.86	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	9.735	9.735	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	9.735	9.735	0	%100
72	M67	Z	0	0	0	%100
73	M68	X	7.207	7.207	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	9.735	9.735	0	%100
76	M69	Z	0	0	0	%100
77	M70	X	9.735	9.735	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	8.86	8.86	0	%100
80	M71	Z	0	0	0	%100
81	M72	X	8.86	8.86	0	%100
82	M72	Z	0	0	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	0	0	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	0	0	0	%100
87	MP2A	X	10.334	10.334	0	%100
88	MP2A	Z	0	0	0	%100
89	MP1C	X	8.536	8.536	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	8.536	8.536	0	%100
92	MP4B	Z	0	0	0	%100
93	M127	X	15.689	15.689	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	4.842	4.842	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	11.981	11.981	0	%100
98	M129	Z	0	0	0	%100
99	M130	X	11.981	11.981	0	%100
100	M130	Z	0	0	0	%100
101	M131	X	.628	.628	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	.628	.628	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,%]
104	M132	Z	0	0	0	%100
105	M133	X	.628	.628	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	.628	.628	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	.628	.628	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	2.013	2.013	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	2.013	2.013	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	4.218	4.218	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	4.218	4.218	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	8.536	8.536	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4A	X	8.536	8.536	0	%100
122	MP4A	Z	0	0	0	%100
123	M105	X	2.013	2.013	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	2.013	2.013	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	4.218	4.218	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	4.218	4.218	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	8.536	8.536	0	%100
132	MP1A	Z	0	0	0	%100
133	MP4C	X	8.536	8.536	0	%100
134	MP4C	Z	0	0	0	%100
135	M117	X	1.631	1.631	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	1.631	1.631	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	6.781	6.781	0	%100
140	M121	Z	0	0	0	%100
141	M124	X	1.631	1.631	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	1.631	1.631	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	8.536	8.536	0	%100
146	MP3A	Z	0	0	0	%100
147	M127B	X	1.631	1.631	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	1.631	1.631	0	%100
150	M128A	Z	0	0	0	%100
151	M131A	X	5.583	5.583	0	%100
152	M131A	Z	0	0	0	%100
153	M134A	X	1.631	1.631	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	1.631	1.631	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	10.334	10.334	0	%100
158	MP2C	Z	0	0	0	%100
159	M143	X	.408	.408	0	%100
160	M143	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,%]
161	M144	X	.408	.408	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	6.781	6.781	0	%100
164	M147	Z	0	0	0	%100
165	M150	X	.408	.408	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	.408	.408	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	8.536	8.536	0	%100
170	MP3C	Z	0	0	0	%100
171	M159	X	.408	.408	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	.408	.408	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	5.583	5.583	0	%100
176	M163	Z	0	0	0	%100
177	M166	X	.408	.408	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	.408	.408	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	10.334	10.334	0	%100
182	MP2B	Z	0	0	0	%100
183	M175	X	.408	.408	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	.408	.408	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	6.781	6.781	0	%100
188	M179	Z	0	0	0	%100
189	M182	X	.408	.408	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	.408	.408	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	8.536	8.536	0	%100
194	MP3B	Z	0	0	0	%100
195	M191	X	.408	.408	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	.408	.408	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	5.583	5.583	0	%100
200	M195	Z	0	0	0	%100
201	M198	X	.408	.408	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	.408	.408	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	9.622	9.622	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.166	5.166	0	%100
2	M1	Z	2.983	2.983	0	%100
3	M2	X	5.166	5.166	0	%100
4	M2	Z	2.983	2.983	0	%100
5	M3	X	5.166	5.166	0	%100
6	M3	Z	2.983	2.983	0	%100
7	M4	X	5.166	5.166	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,%]
8	M4	Z	2.983	2.983	0	%100
9	M5	X	20.665	20.665	0	%100
10	M5	Z	11.931	11.931	0	%100
11	M6	X	20.665	20.665	0	%100
12	M6	Z	11.931	11.931	0	%100
13	M7	X	5.106	5.106	0	%100
14	M7	Z	2.948	2.948	0	%100
15	M8	X	5.106	5.106	0	%100
16	M8	Z	2.948	2.948	0	%100
17	M9	X	20.423	20.423	0	%100
18	M9	Z	11.791	11.791	0	%100
19	M13	X	.292	.292	0	%100
20	M13	Z	.168	.168	0	%100
21	M14A	X	1.167	1.167	0	%100
22	M14A	Z	.674	.674	0	%100
23	M18	X	.292	.292	0	%100
24	M18	Z	.168	.168	0	%100
25	M22	X	5.229	5.229	0	%100
26	M22	Z	3.019	3.019	0	%100
27	M25	X	15.564	15.564	0	%100
28	M25	Z	8.986	8.986	0	%100
29	M26	X	3.891	3.891	0	%100
30	M26	Z	2.246	2.246	0	%100
31	M27	X	3.891	3.891	0	%100
32	M27	Z	2.246	2.246	0	%100
33	M34	X	.292	.292	0	%100
34	M34	Z	.168	.168	0	%100
35	M42	X	1.167	1.167	0	%100
36	M42	Z	.674	.674	0	%100
37	M50	X	.292	.292	0	%100
38	M50	Z	.168	.168	0	%100
39	M51	X	5.229	5.229	0	%100
40	M51	Z	3.019	3.019	0	%100
41	M52	X	8.43	8.43	0	%100
42	M52	Z	4.867	4.867	0	%100
43	M53	X	8.43	8.43	0	%100
44	M53	Z	4.867	4.867	0	%100
45	M54	X	2.081	2.081	0	%100
46	M54	Z	1.201	1.201	0	%100
47	M55	X	8.43	8.43	0	%100
48	M55	Z	4.867	4.867	0	%100
49	M56	X	8.43	8.43	0	%100
50	M56	Z	4.867	4.867	0	%100
51	M57	X	4.862	4.862	0	%100
52	M57	Z	2.807	2.807	0	%100
53	M58	X	4.862	4.862	0	%100
54	M58	Z	2.807	2.807	0	%100
55	M59	X	8.43	8.43	0	%100
56	M59	Z	4.867	4.867	0	%100
57	M60	X	8.43	8.43	0	%100
58	M60	Z	4.867	4.867	0	%100
59	M61	X	2.081	2.081	0	%100
60	M61	Z	1.201	1.201	0	%100
61	M62	X	8.43	8.43	0	%100
62	M62	Z	4.867	4.867	0	%100
63	M63	X	8.43	8.43	0	%100
64	M63	Z	4.867	4.867	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,%]
65	M64	X	4.862	4.862	0	%100
66	M64	Z	2.807	2.807	0	%100
67	M65	X	4.862	4.862	0	%100
68	M65	Z	2.807	2.807	0	%100
69	M66	X	8.43	8.43	0	%100
70	M66	Z	4.867	4.867	0	%100
71	M67	X	8.43	8.43	0	%100
72	M67	Z	4.867	4.867	0	%100
73	M68	X	8.322	8.322	0	%100
74	M68	Z	4.805	4.805	0	%100
75	M69	X	8.43	8.43	0	%100
76	M69	Z	4.867	4.867	0	%100
77	M70	X	8.43	8.43	0	%100
78	M70	Z	4.867	4.867	0	%100
79	M71	X	9.079	9.079	0	%100
80	M71	Z	5.242	5.242	0	%100
81	M72	X	9.079	9.079	0	%100
82	M72	Z	5.242	5.242	0	%100
83	M73	X	1.218	1.218	0	%100
84	M73	Z	.703	.703	0	%100
85	M74	X	1.218	1.218	0	%100
86	M74	Z	.703	.703	0	%100
87	MP2A	X	8.949	8.949	0	%100
88	MP2A	Z	5.167	5.167	0	%100
89	MP1C	X	7.393	7.393	0	%100
90	MP1C	Z	4.268	4.268	0	%100
91	MP4B	X	7.393	7.393	0	%100
92	MP4B	Z	4.268	4.268	0	%100
93	M127	X	18.116	18.116	0	%100
94	M127	Z	10.46	10.46	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	10.376	10.376	0	%100
98	M129	Z	5.991	5.991	0	%100
99	M130	X	10.376	10.376	0	%100
100	M130	Z	5.991	5.991	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	5.229	5.229	0	%100
112	M95	Z	3.019	3.019	0	%100
113	M96A	X	5.229	5.229	0	%100
114	M96A	Z	3.019	3.019	0	%100
115	M97A	X	1.218	1.218	0	%100
116	M97A	Z	.703	.703	0	%100
117	M98A	X	1.218	1.218	0	%100
118	M98A	Z	.703	.703	0	%100
119	MP1B	X	7.393	7.393	0	%100
120	MP1B	Z	4.268	4.268	0	%100
121	MP4A	X	7.393	7.393	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,%]
122	MP4A	Z	4.268	4.268	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	4.871	4.871	0	%100
128	M107A	Z	2.812	2.812	0	%100
129	M108A	X	4.871	4.871	0	%100
130	M108A	Z	2.812	2.812	0	%100
131	MP1A	X	7.393	7.393	0	%100
132	MP1A	Z	4.268	4.268	0	%100
133	MP4C	X	7.393	7.393	0	%100
134	MP4C	Z	4.268	4.268	0	%100
135	M117	X	1.059	1.059	0	%100
136	M117	Z	.612	.612	0	%100
137	M118A	X	1.059	1.059	0	%100
138	M118A	Z	.612	.612	0	%100
139	M121	X	5.872	5.872	0	%100
140	M121	Z	3.39	3.39	0	%100
141	M124	X	1.059	1.059	0	%100
142	M124	Z	.612	.612	0	%100
143	M125	X	1.059	1.059	0	%100
144	M125	Z	.612	.612	0	%100
145	MP3A	X	7.393	7.393	0	%100
146	MP3A	Z	4.268	4.268	0	%100
147	M127B	X	1.059	1.059	0	%100
148	M127B	Z	.612	.612	0	%100
149	M128A	X	1.059	1.059	0	%100
150	M128A	Z	.612	.612	0	%100
151	M131A	X	4.835	4.835	0	%100
152	M131A	Z	2.791	2.791	0	%100
153	M134A	X	1.059	1.059	0	%100
154	M134A	Z	.612	.612	0	%100
155	M135A	X	1.059	1.059	0	%100
156	M135A	Z	.612	.612	0	%100
157	MP2C	X	8.949	8.949	0	%100
158	MP2C	Z	5.167	5.167	0	%100
159	M143	X	1.059	1.059	0	%100
160	M143	Z	.612	.612	0	%100
161	M144	X	1.059	1.059	0	%100
162	M144	Z	.612	.612	0	%100
163	M147	X	5.872	5.872	0	%100
164	M147	Z	3.39	3.39	0	%100
165	M150	X	1.059	1.059	0	%100
166	M150	Z	.612	.612	0	%100
167	M151	X	1.059	1.059	0	%100
168	M151	Z	.612	.612	0	%100
169	MP3C	X	7.393	7.393	0	%100
170	MP3C	Z	4.268	4.268	0	%100
171	M159	X	1.059	1.059	0	%100
172	M159	Z	.612	.612	0	%100
173	M160	X	1.059	1.059	0	%100
174	M160	Z	.612	.612	0	%100
175	M163	X	4.835	4.835	0	%100
176	M163	Z	2.791	2.791	0	%100
177	M166	X	1.059	1.059	0	%100
178	M166	Z	.612	.612	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,%]
179	M167	X	1.059	1.059	0	%100
180	M167	Z	.612	.612	0	%100
181	MP2B	X	8.949	8.949	0	%100
182	MP2B	Z	5.167	5.167	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	5.872	5.872	0	%100
188	M179	Z	3.39	3.39	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	7.393	7.393	0	%100
194	MP3B	Z	4.268	4.268	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	4.835	4.835	0	%100
200	M195	Z	2.791	2.791	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	2.778	2.778	0	%100
206	M202	Z	1.604	1.604	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	8.948	8.948	0	%100
2	M1	Z	15.499	15.499	0	%100
3	M2	X	8.948	8.948	0	%100
4	M2	Z	15.499	15.499	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	8.948	8.948	0	%100
10	M5	Z	15.499	15.499	0	%100
11	M6	X	8.948	8.948	0	%100
12	M6	Z	15.499	15.499	0	%100
13	M7	X	8.843	8.843	0	%100
14	M7	Z	15.317	15.317	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	8.843	8.843	0	%100
18	M9	Z	15.317	15.317	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.505	.505	0	%100
22	M14A	Z	.875	.875	0	%100
23	M18	X	.505	.505	0	%100
24	M18	Z	.875	.875	0	%100
25	M22	X	1.006	1.006	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,%]
26	M22	Z	1.743	1.743	0	%100
27	M25	X	6.739	6.739	0	%100
28	M25	Z	11.673	11.673	0	%100
29	M26	X	6.739	6.739	0	%100
30	M26	Z	11.673	11.673	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	.505	.505	0	%100
36	M42	Z	.875	.875	0	%100
37	M50	X	.505	.505	0	%100
38	M50	Z	.875	.875	0	%100
39	M51	X	1.006	1.006	0	%100
40	M51	Z	1.743	1.743	0	%100
41	M52	X	4.867	4.867	0	%100
42	M52	Z	8.43	8.43	0	%100
43	M53	X	4.867	4.867	0	%100
44	M53	Z	8.43	8.43	0	%100
45	M54	X	3.604	3.604	0	%100
46	M54	Z	6.242	6.242	0	%100
47	M55	X	4.867	4.867	0	%100
48	M55	Z	8.43	8.43	0	%100
49	M56	X	4.867	4.867	0	%100
50	M56	Z	8.43	8.43	0	%100
51	M57	X	4.43	4.43	0	%100
52	M57	Z	7.673	7.673	0	%100
53	M58	X	4.43	4.43	0	%100
54	M58	Z	7.673	7.673	0	%100
55	M59	X	4.867	4.867	0	%100
56	M59	Z	8.43	8.43	0	%100
57	M60	X	4.867	4.867	0	%100
58	M60	Z	8.43	8.43	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	4.867	4.867	0	%100
62	M62	Z	8.43	8.43	0	%100
63	M63	X	4.867	4.867	0	%100
64	M63	Z	8.43	8.43	0	%100
65	M64	X	1.995	1.995	0	%100
66	M64	Z	3.456	3.456	0	%100
67	M65	X	1.995	1.995	0	%100
68	M65	Z	3.456	3.456	0	%100
69	M66	X	4.867	4.867	0	%100
70	M66	Z	8.43	8.43	0	%100
71	M67	X	4.867	4.867	0	%100
72	M67	Z	8.43	8.43	0	%100
73	M68	X	3.604	3.604	0	%100
74	M68	Z	6.242	6.242	0	%100
75	M69	X	4.867	4.867	0	%100
76	M69	Z	8.43	8.43	0	%100
77	M70	X	4.867	4.867	0	%100
78	M70	Z	8.43	8.43	0	%100
79	M71	X	4.43	4.43	0	%100
80	M71	Z	7.673	7.673	0	%100
81	M72	X	4.43	4.43	0	%100
82	M72	Z	7.673	7.673	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,%]
83	M73	X	2.109	2.109	0	%100
84	M73	Z	3.653	3.653	0	%100
85	M74	X	2.109	2.109	0	%100
86	M74	Z	3.653	3.653	0	%100
87	MP2A	X	5.167	5.167	0	%100
88	MP2A	Z	8.949	8.949	0	%100
89	MP1C	X	4.268	4.268	0	%100
90	MP1C	Z	7.393	7.393	0	%100
91	MP4B	X	4.268	4.268	0	%100
92	MP4B	Z	7.393	7.393	0	%100
93	M127	X	7.845	7.845	0	%100
94	M127	Z	13.587	13.587	0	%100
95	M128	X	2.421	2.421	0	%100
96	M128	Z	4.194	4.194	0	%100
97	M129	X	5.991	5.991	0	%100
98	M129	Z	10.376	10.376	0	%100
99	M130	X	5.991	5.991	0	%100
100	M130	Z	10.376	10.376	0	%100
101	M131	X	.314	.314	0	%100
102	M131	Z	.544	.544	0	%100
103	M132	X	.314	.314	0	%100
104	M132	Z	.544	.544	0	%100
105	M133	X	.314	.314	0	%100
106	M133	Z	.544	.544	0	%100
107	M134	X	.314	.314	0	%100
108	M134	Z	.544	.544	0	%100
109	M135	X	.314	.314	0	%100
110	M135	Z	.544	.544	0	%100
111	M95	X	4.026	4.026	0	%100
112	M95	Z	6.973	6.973	0	%100
113	M96A	X	4.026	4.026	0	%100
114	M96A	Z	6.973	6.973	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	4.268	4.268	0	%100
120	MP1B	Z	7.393	7.393	0	%100
121	MP4A	X	4.268	4.268	0	%100
122	MP4A	Z	7.393	7.393	0	%100
123	M105	X	1.006	1.006	0	%100
124	M105	Z	1.743	1.743	0	%100
125	M106	X	1.006	1.006	0	%100
126	M106	Z	1.743	1.743	0	%100
127	M107A	X	2.109	2.109	0	%100
128	M107A	Z	3.653	3.653	0	%100
129	M108A	X	2.109	2.109	0	%100
130	M108A	Z	3.653	3.653	0	%100
131	MP1A	X	4.268	4.268	0	%100
132	MP1A	Z	7.393	7.393	0	%100
133	MP4C	X	4.268	4.268	0	%100
134	MP4C	Z	7.393	7.393	0	%100
135	M117	X	.204	.204	0	%100
136	M117	Z	.353	.353	0	%100
137	M118A	X	.204	.204	0	%100
138	M118A	Z	.353	.353	0	%100
139	M121	X	3.39	3.39	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,%]
140	M121	Z	5.872	5.872	0	%100
141	M124	X	.204	.204	0	%100
142	M124	Z	.353	.353	0	%100
143	M125	X	.204	.204	0	%100
144	M125	Z	.353	.353	0	%100
145	MP3A	X	4.268	4.268	0	%100
146	MP3A	Z	7.393	7.393	0	%100
147	M127B	X	.204	.204	0	%100
148	M127B	Z	.353	.353	0	%100
149	M128A	X	.204	.204	0	%100
150	M128A	Z	.353	.353	0	%100
151	M131A	X	2.791	2.791	0	%100
152	M131A	Z	4.835	4.835	0	%100
153	M134A	X	.204	.204	0	%100
154	M134A	Z	.353	.353	0	%100
155	M135A	X	.204	.204	0	%100
156	M135A	Z	.353	.353	0	%100
157	MP2C	X	5.167	5.167	0	%100
158	MP2C	Z	8.949	8.949	0	%100
159	M143	X	.815	.815	0	%100
160	M143	Z	1.412	1.412	0	%100
161	M144	X	.815	.815	0	%100
162	M144	Z	1.412	1.412	0	%100
163	M147	X	3.39	3.39	0	%100
164	M147	Z	5.872	5.872	0	%100
165	M150	X	.815	.815	0	%100
166	M150	Z	1.412	1.412	0	%100
167	M151	X	.815	.815	0	%100
168	M151	Z	1.412	1.412	0	%100
169	MP3C	X	4.268	4.268	0	%100
170	MP3C	Z	7.393	7.393	0	%100
171	M159	X	.815	.815	0	%100
172	M159	Z	1.412	1.412	0	%100
173	M160	X	.815	.815	0	%100
174	M160	Z	1.412	1.412	0	%100
175	M163	X	2.791	2.791	0	%100
176	M163	Z	4.835	4.835	0	%100
177	M166	X	.815	.815	0	%100
178	M166	Z	1.412	1.412	0	%100
179	M167	X	.815	.815	0	%100
180	M167	Z	1.412	1.412	0	%100
181	MP2B	X	5.167	5.167	0	%100
182	MP2B	Z	8.949	8.949	0	%100
183	M175	X	.204	.204	0	%100
184	M175	Z	.353	.353	0	%100
185	M176	X	.204	.204	0	%100
186	M176	Z	.353	.353	0	%100
187	M179	X	3.39	3.39	0	%100
188	M179	Z	5.872	5.872	0	%100
189	M182	X	.204	.204	0	%100
190	M182	Z	.353	.353	0	%100
191	M183	X	.204	.204	0	%100
192	M183	Z	.353	.353	0	%100
193	MP3B	X	4.268	4.268	0	%100
194	MP3B	Z	7.393	7.393	0	%100
195	M191	X	.204	.204	0	%100
196	M191	Z	.353	.353	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,%]
197	M192	X	.204	.204	0	%100
198	M192	Z	.353	.353	0	%100
199	M195	X	2.791	2.791	0	%100
200	M195	Z	4.835	4.835	0	%100
201	M198	X	.204	.204	0	%100
202	M198	Z	.353	.353	0	%100
203	M199	X	.204	.204	0	%100
204	M199	Z	.353	.353	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	23.862	23.862	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	23.862	23.862	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	5.966	5.966	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	5.966	5.966	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	5.966	5.966	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	5.966	5.966	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	23.583	23.583	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	5.896	5.896	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	5.896	5.896	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.337	.337	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.337	.337	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.348	1.348	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	4.493	4.493	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	17.972	17.972	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	4.493	4.493	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	.337	.337	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	.337	.337	0	%100
37	M50	X	0	0	0	%100
38	M50	Z	1.348	1.348	0	%100
39	M51	X	0	0	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	9.735	9.735	0	%100
43	M53	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,%]
44	M53	Z	9.735	9.735	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	9.61	9.61	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	9.735	9.735	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	9.735	9.735	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	10.483	10.483	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	10.483	10.483	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	9.735	9.735	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	9.735	9.735	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	2.402	2.402	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	9.735	9.735	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	9.735	9.735	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	5.614	5.614	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	5.614	5.614	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	9.735	9.735	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	9.735	9.735	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	2.402	2.402	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	9.735	9.735	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	9.735	9.735	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	5.614	5.614	0	%100
81	M72	X	0	0	0	%100
82	M72	Z	5.614	5.614	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	5.624	5.624	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	5.624	5.624	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	10.334	10.334	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	8.536	8.536	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	8.536	8.536	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	5.23	5.23	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	14.527	14.527	0	%100
97	M129	X	0	0	0	%100
98	M129	Z	11.981	11.981	0	%100
99	M130	X	0	0	0	%100
100	M130	Z	11.981	11.981	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,%]
101	M131	X	0	0	0	%100
102	M131	Z	1.885	1.885	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	1.885	1.885	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	1.885	1.885	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	1.885	1.885	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	1.885	1.885	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	6.038	6.038	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	6.038	6.038	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	1.406	1.406	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	1.406	1.406	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	8.536	8.536	0	%100
121	MP4A	X	0	0	0	%100
122	MP4A	Z	8.536	8.536	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	6.038	6.038	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	6.038	6.038	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	1.406	1.406	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	1.406	1.406	0	%100
131	MP1A	X	0	0	0	%100
132	MP1A	Z	8.536	8.536	0	%100
133	MP4C	X	0	0	0	%100
134	MP4C	Z	8.536	8.536	0	%100
135	M117	X	0	0	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	0	0	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	0	0	0	%100
140	M121	Z	6.781	6.781	0	%100
141	M124	X	0	0	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	0	0	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	0	0	0	%100
146	MP3A	Z	8.536	8.536	0	%100
147	M127B	X	0	0	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	0	0	0	%100
150	M128A	Z	0	0	0	%100
151	M131A	X	0	0	0	%100
152	M131A	Z	5.583	5.583	0	%100
153	M134A	X	0	0	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	0	0	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	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,%]
158	MP2C	Z	10.334	10.334	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	1.223	1.223	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	1.223	1.223	0	%100
163	M147	X	0	0	0	%100
164	M147	Z	6.781	6.781	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	1.223	1.223	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	1.223	1.223	0	%100
169	MP3C	X	0	0	0	%100
170	MP3C	Z	8.536	8.536	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	1.223	1.223	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	1.223	1.223	0	%100
175	M163	X	0	0	0	%100
176	M163	Z	5.583	5.583	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	1.223	1.223	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	1.223	1.223	0	%100
181	MP2B	X	0	0	0	%100
182	MP2B	Z	10.334	10.334	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	1.223	1.223	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	1.223	1.223	0	%100
187	M179	X	0	0	0	%100
188	M179	Z	6.781	6.781	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	1.223	1.223	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	1.223	1.223	0	%100
193	MP3B	X	0	0	0	%100
194	MP3B	Z	8.536	8.536	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	1.223	1.223	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	1.223	1.223	0	%100
199	M195	X	0	0	0	%100
200	M195	Z	5.583	5.583	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	1.223	1.223	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	1.223	1.223	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	3.207	3.207	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-8.948	-8.948	0	%100
2	M1	Z	15.499	15.499	0	%100
3	M2	X	-8.948	-8.948	0	%100
4	M2	Z	15.499	15.499	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,%]
5	M3	X	-8.948	-8.948	0	%100
6	M3	Z	15.499	15.499	0	%100
7	M4	X	-8.948	-8.948	0	%100
8	M4	Z	15.499	15.499	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-8.843	-8.843	0	%100
14	M7	Z	15.317	15.317	0	%100
15	M8	X	-8.843	-8.843	0	%100
16	M8	Z	15.317	15.317	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.505	-.505	0	%100
20	M13	Z	.875	.875	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.505	-.505	0	%100
24	M18	Z	.875	.875	0	%100
25	M22	X	-1.006	-1.006	0	%100
26	M22	Z	1.743	1.743	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	-6.739	-6.739	0	%100
30	M26	Z	11.673	11.673	0	%100
31	M27	X	-6.739	-6.739	0	%100
32	M27	Z	11.673	11.673	0	%100
33	M34	X	-.505	-.505	0	%100
34	M34	Z	.875	.875	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	-.505	-.505	0	%100
38	M50	Z	.875	.875	0	%100
39	M51	X	-1.006	-1.006	0	%100
40	M51	Z	1.743	1.743	0	%100
41	M52	X	-4.867	-4.867	0	%100
42	M52	Z	8.43	8.43	0	%100
43	M53	X	-4.867	-4.867	0	%100
44	M53	Z	8.43	8.43	0	%100
45	M54	X	-3.604	-3.604	0	%100
46	M54	Z	6.242	6.242	0	%100
47	M55	X	-4.867	-4.867	0	%100
48	M55	Z	8.43	8.43	0	%100
49	M56	X	-4.867	-4.867	0	%100
50	M56	Z	8.43	8.43	0	%100
51	M57	X	-4.43	-4.43	0	%100
52	M57	Z	7.673	7.673	0	%100
53	M58	X	-4.43	-4.43	0	%100
54	M58	Z	7.673	7.673	0	%100
55	M59	X	-4.867	-4.867	0	%100
56	M59	Z	8.43	8.43	0	%100
57	M60	X	-4.867	-4.867	0	%100
58	M60	Z	8.43	8.43	0	%100
59	M61	X	-3.604	-3.604	0	%100
60	M61	Z	6.242	6.242	0	%100
61	M62	X	-4.867	-4.867	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,%]
62	M62	Z	8.43	8.43	0	%100
63	M63	X	-4.867	-4.867	0	%100
64	M63	Z	8.43	8.43	0	%100
65	M64	X	-4.43	-4.43	0	%100
66	M64	Z	7.673	7.673	0	%100
67	M65	X	-4.43	-4.43	0	%100
68	M65	Z	7.673	7.673	0	%100
69	M66	X	-4.867	-4.867	0	%100
70	M66	Z	8.43	8.43	0	%100
71	M67	X	-4.867	-4.867	0	%100
72	M67	Z	8.43	8.43	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-4.867	-4.867	0	%100
76	M69	Z	8.43	8.43	0	%100
77	M70	X	-4.867	-4.867	0	%100
78	M70	Z	8.43	8.43	0	%100
79	M71	X	-1.995	-1.995	0	%100
80	M71	Z	3.456	3.456	0	%100
81	M72	X	-1.995	-1.995	0	%100
82	M72	Z	3.456	3.456	0	%100
83	M73	X	-2.109	-2.109	0	%100
84	M73	Z	3.653	3.653	0	%100
85	M74	X	-2.109	-2.109	0	%100
86	M74	Z	3.653	3.653	0	%100
87	MP2A	X	-5.167	-5.167	0	%100
88	MP2A	Z	8.949	8.949	0	%100
89	MP1C	X	-4.268	-4.268	0	%100
90	MP1C	Z	7.393	7.393	0	%100
91	MP4B	X	-4.268	-4.268	0	%100
92	MP4B	Z	7.393	7.393	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	-9.685	-9.685	0	%100
96	M128	Z	16.774	16.774	0	%100
97	M129	X	-5.991	-5.991	0	%100
98	M129	Z	10.376	10.376	0	%100
99	M130	X	-5.991	-5.991	0	%100
100	M130	Z	10.376	10.376	0	%100
101	M131	X	-1.256	-1.256	0	%100
102	M131	Z	2.176	2.176	0	%100
103	M132	X	-1.256	-1.256	0	%100
104	M132	Z	2.176	2.176	0	%100
105	M133	X	-1.256	-1.256	0	%100
106	M133	Z	2.176	2.176	0	%100
107	M134	X	-1.256	-1.256	0	%100
108	M134	Z	2.176	2.176	0	%100
109	M135	X	-1.256	-1.256	0	%100
110	M135	Z	2.176	2.176	0	%100
111	M95	X	-1.006	-1.006	0	%100
112	M95	Z	1.743	1.743	0	%100
113	M96A	X	-1.006	-1.006	0	%100
114	M96A	Z	1.743	1.743	0	%100
115	M97A	X	-2.109	-2.109	0	%100
116	M97A	Z	3.653	3.653	0	%100
117	M98A	X	-2.109	-2.109	0	%100
118	M98A	Z	3.653	3.653	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,%]
119	MP1B	X	-4.268	-4.268	0	%100
120	MP1B	Z	7.393	7.393	0	%100
121	MP4A	X	-4.268	-4.268	0	%100
122	MP4A	Z	7.393	7.393	0	%100
123	M105	X	-4.026	-4.026	0	%100
124	M105	Z	6.973	6.973	0	%100
125	M106	X	-4.026	-4.026	0	%100
126	M106	Z	6.973	6.973	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	-4.268	-4.268	0	%100
132	MP1A	Z	7.393	7.393	0	%100
133	MP4C	X	-4.268	-4.268	0	%100
134	MP4C	Z	7.393	7.393	0	%100
135	M117	X	-.204	-.204	0	%100
136	M117	Z	.353	.353	0	%100
137	M118A	X	-.204	-.204	0	%100
138	M118A	Z	.353	.353	0	%100
139	M121	X	-3.39	-3.39	0	%100
140	M121	Z	5.872	5.872	0	%100
141	M124	X	-.204	-.204	0	%100
142	M124	Z	.353	.353	0	%100
143	M125	X	-.204	-.204	0	%100
144	M125	Z	.353	.353	0	%100
145	MP3A	X	-4.268	-4.268	0	%100
146	MP3A	Z	7.393	7.393	0	%100
147	M127B	X	-.204	-.204	0	%100
148	M127B	Z	.353	.353	0	%100
149	M128A	X	-.204	-.204	0	%100
150	M128A	Z	.353	.353	0	%100
151	M131A	X	-2.791	-2.791	0	%100
152	M131A	Z	4.835	4.835	0	%100
153	M134A	X	-.204	-.204	0	%100
154	M134A	Z	.353	.353	0	%100
155	M135A	X	-.204	-.204	0	%100
156	M135A	Z	.353	.353	0	%100
157	MP2C	X	-5.167	-5.167	0	%100
158	MP2C	Z	8.949	8.949	0	%100
159	M143	X	-.204	-.204	0	%100
160	M143	Z	.353	.353	0	%100
161	M144	X	-.204	-.204	0	%100
162	M144	Z	.353	.353	0	%100
163	M147	X	-3.39	-3.39	0	%100
164	M147	Z	5.872	5.872	0	%100
165	M150	X	-.204	-.204	0	%100
166	M150	Z	.353	.353	0	%100
167	M151	X	-.204	-.204	0	%100
168	M151	Z	.353	.353	0	%100
169	MP3C	X	-4.268	-4.268	0	%100
170	MP3C	Z	7.393	7.393	0	%100
171	M159	X	-.204	-.204	0	%100
172	M159	Z	.353	.353	0	%100
173	M160	X	-.204	-.204	0	%100
174	M160	Z	.353	.353	0	%100
175	M163	X	-2.791	-2.791	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,%]
176	M163	Z	4.835	4.835	0	%100
177	M166	X	-.204	-.204	0	%100
178	M166	Z	.353	.353	0	%100
179	M167	X	-.204	-.204	0	%100
180	M167	Z	.353	.353	0	%100
181	MP2B	X	-5.167	-5.167	0	%100
182	MP2B	Z	8.949	8.949	0	%100
183	M175	X	-.815	-.815	0	%100
184	M175	Z	1.412	1.412	0	%100
185	M176	X	-.815	-.815	0	%100
186	M176	Z	1.412	1.412	0	%100
187	M179	X	-3.39	-3.39	0	%100
188	M179	Z	5.872	5.872	0	%100
189	M182	X	-.815	-.815	0	%100
190	M182	Z	1.412	1.412	0	%100
191	M183	X	-.815	-.815	0	%100
192	M183	Z	1.412	1.412	0	%100
193	MP3B	X	-4.268	-4.268	0	%100
194	MP3B	Z	7.393	7.393	0	%100
195	M191	X	-.815	-.815	0	%100
196	M191	Z	1.412	1.412	0	%100
197	M192	X	-.815	-.815	0	%100
198	M192	Z	1.412	1.412	0	%100
199	M195	X	-2.791	-2.791	0	%100
200	M195	Z	4.835	4.835	0	%100
201	M198	X	-.815	-.815	0	%100
202	M198	Z	1.412	1.412	0	%100
203	M199	X	-.815	-.815	0	%100
204	M199	Z	1.412	1.412	0	%100
205	M202	X	-4.811	-4.811	0	%100
206	M202	Z	8.333	8.333	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.166	-5.166	0	%100
2	M1	Z	2.983	2.983	0	%100
3	M2	X	-5.166	-5.166	0	%100
4	M2	Z	2.983	2.983	0	%100
5	M3	X	-20.665	-20.665	0	%100
6	M3	Z	11.931	11.931	0	%100
7	M4	X	-20.665	-20.665	0	%100
8	M4	Z	11.931	11.931	0	%100
9	M5	X	-5.166	-5.166	0	%100
10	M5	Z	2.983	2.983	0	%100
11	M6	X	-5.166	-5.166	0	%100
12	M6	Z	2.983	2.983	0	%100
13	M7	X	-5.106	-5.106	0	%100
14	M7	Z	2.948	2.948	0	%100
15	M8	X	-20.423	-20.423	0	%100
16	M8	Z	11.791	11.791	0	%100
17	M9	X	-5.106	-5.106	0	%100
18	M9	Z	2.948	2.948	0	%100
19	M13	X	-1.167	-1.167	0	%100
20	M13	Z	.674	.674	0	%100
21	M14A	X	-.292	-.292	0	%100
22	M14A	Z	.168	.168	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,%]
23	M18	X	-.292	-.292	0	%100
24	M18	Z	.168	.168	0	%100
25	M22	X	-5.229	-5.229	0	%100
26	M22	Z	3.019	3.019	0	%100
27	M25	X	-3.891	-3.891	0	%100
28	M25	Z	2.246	2.246	0	%100
29	M26	X	-3.891	-3.891	0	%100
30	M26	Z	2.246	2.246	0	%100
31	M27	X	-15.564	-15.564	0	%100
32	M27	Z	8.986	8.986	0	%100
33	M34	X	-1.167	-1.167	0	%100
34	M34	Z	.674	.674	0	%100
35	M42	X	-.292	-.292	0	%100
36	M42	Z	.168	.168	0	%100
37	M50	X	-.292	-.292	0	%100
38	M50	Z	.168	.168	0	%100
39	M51	X	-5.229	-5.229	0	%100
40	M51	Z	3.019	3.019	0	%100
41	M52	X	-8.43	-8.43	0	%100
42	M52	Z	4.867	4.867	0	%100
43	M53	X	-8.43	-8.43	0	%100
44	M53	Z	4.867	4.867	0	%100
45	M54	X	-2.081	-2.081	0	%100
46	M54	Z	1.201	1.201	0	%100
47	M55	X	-8.43	-8.43	0	%100
48	M55	Z	4.867	4.867	0	%100
49	M56	X	-8.43	-8.43	0	%100
50	M56	Z	4.867	4.867	0	%100
51	M57	X	-4.862	-4.862	0	%100
52	M57	Z	2.807	2.807	0	%100
53	M58	X	-4.862	-4.862	0	%100
54	M58	Z	2.807	2.807	0	%100
55	M59	X	-8.43	-8.43	0	%100
56	M59	Z	4.867	4.867	0	%100
57	M60	X	-8.43	-8.43	0	%100
58	M60	Z	4.867	4.867	0	%100
59	M61	X	-8.322	-8.322	0	%100
60	M61	Z	4.805	4.805	0	%100
61	M62	X	-8.43	-8.43	0	%100
62	M62	Z	4.867	4.867	0	%100
63	M63	X	-8.43	-8.43	0	%100
64	M63	Z	4.867	4.867	0	%100
65	M64	X	-9.079	-9.079	0	%100
66	M64	Z	5.242	5.242	0	%100
67	M65	X	-9.079	-9.079	0	%100
68	M65	Z	5.242	5.242	0	%100
69	M66	X	-8.43	-8.43	0	%100
70	M66	Z	4.867	4.867	0	%100
71	M67	X	-8.43	-8.43	0	%100
72	M67	Z	4.867	4.867	0	%100
73	M68	X	-2.081	-2.081	0	%100
74	M68	Z	1.201	1.201	0	%100
75	M69	X	-8.43	-8.43	0	%100
76	M69	Z	4.867	4.867	0	%100
77	M70	X	-8.43	-8.43	0	%100
78	M70	Z	4.867	4.867	0	%100
79	M71	X	-4.862	-4.862	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,%]
80	M71	Z	2.807	2.807	0	%100
81	M72	X	-4.862	-4.862	0	%100
82	M72	Z	2.807	2.807	0	%100
83	M73	X	-1.218	-1.218	0	%100
84	M73	Z	.703	.703	0	%100
85	M74	X	-1.218	-1.218	0	%100
86	M74	Z	.703	.703	0	%100
87	MP2A	X	-8.949	-8.949	0	%100
88	MP2A	Z	5.167	5.167	0	%100
89	MP1C	X	-7.393	-7.393	0	%100
90	MP1C	Z	4.268	4.268	0	%100
91	MP4B	X	-7.393	-7.393	0	%100
92	MP4B	Z	4.268	4.268	0	%100
93	M127	X	-4.529	-4.529	0	%100
94	M127	Z	2.615	2.615	0	%100
95	M128	X	-12.581	-12.581	0	%100
96	M128	Z	7.264	7.264	0	%100
97	M129	X	-10.376	-10.376	0	%100
98	M129	Z	5.991	5.991	0	%100
99	M130	X	-10.376	-10.376	0	%100
100	M130	Z	5.991	5.991	0	%100
101	M131	X	-1.632	-1.632	0	%100
102	M131	Z	.942	.942	0	%100
103	M132	X	-1.632	-1.632	0	%100
104	M132	Z	.942	.942	0	%100
105	M133	X	-1.632	-1.632	0	%100
106	M133	Z	.942	.942	0	%100
107	M134	X	-1.632	-1.632	0	%100
108	M134	Z	.942	.942	0	%100
109	M135	X	-1.632	-1.632	0	%100
110	M135	Z	.942	.942	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	-4.871	-4.871	0	%100
116	M97A	Z	2.812	2.812	0	%100
117	M98A	X	-4.871	-4.871	0	%100
118	M98A	Z	2.812	2.812	0	%100
119	MP1B	X	-7.393	-7.393	0	%100
120	MP1B	Z	4.268	4.268	0	%100
121	MP4A	X	-7.393	-7.393	0	%100
122	MP4A	Z	4.268	4.268	0	%100
123	M105	X	-5.229	-5.229	0	%100
124	M105	Z	3.019	3.019	0	%100
125	M106	X	-5.229	-5.229	0	%100
126	M106	Z	3.019	3.019	0	%100
127	M107A	X	-1.218	-1.218	0	%100
128	M107A	Z	.703	.703	0	%100
129	M108A	X	-1.218	-1.218	0	%100
130	M108A	Z	.703	.703	0	%100
131	MP1A	X	-7.393	-7.393	0	%100
132	MP1A	Z	4.268	4.268	0	%100
133	MP4C	X	-7.393	-7.393	0	%100
134	MP4C	Z	4.268	4.268	0	%100
135	M117	X	-1.059	-1.059	0	%100
136	M117	Z	.612	.612	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,%]
137	M118A	X	-1.059	-1.059	0	%100
138	M118A	Z	.612	.612	0	%100
139	M121	X	-5.872	-5.872	0	%100
140	M121	Z	3.39	3.39	0	%100
141	M124	X	-1.059	-1.059	0	%100
142	M124	Z	.612	.612	0	%100
143	M125	X	-1.059	-1.059	0	%100
144	M125	Z	.612	.612	0	%100
145	MP3A	X	-7.393	-7.393	0	%100
146	MP3A	Z	4.268	4.268	0	%100
147	M127B	X	-1.059	-1.059	0	%100
148	M127B	Z	.612	.612	0	%100
149	M128A	X	-1.059	-1.059	0	%100
150	M128A	Z	.612	.612	0	%100
151	M131A	X	-4.835	-4.835	0	%100
152	M131A	Z	2.791	2.791	0	%100
153	M134A	X	-1.059	-1.059	0	%100
154	M134A	Z	.612	.612	0	%100
155	M135A	X	-1.059	-1.059	0	%100
156	M135A	Z	.612	.612	0	%100
157	MP2C	X	-8.949	-8.949	0	%100
158	MP2C	Z	5.167	5.167	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	-5.872	-5.872	0	%100
164	M147	Z	3.39	3.39	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	-7.393	-7.393	0	%100
170	MP3C	Z	4.268	4.268	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	-4.835	-4.835	0	%100
176	M163	Z	2.791	2.791	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	-8.949	-8.949	0	%100
182	MP2B	Z	5.167	5.167	0	%100
183	M175	X	-1.059	-1.059	0	%100
184	M175	Z	.612	.612	0	%100
185	M176	X	-1.059	-1.059	0	%100
186	M176	Z	.612	.612	0	%100
187	M179	X	-5.872	-5.872	0	%100
188	M179	Z	3.39	3.39	0	%100
189	M182	X	-1.059	-1.059	0	%100
190	M182	Z	.612	.612	0	%100
191	M183	X	-1.059	-1.059	0	%100
192	M183	Z	.612	.612	0	%100
193	MP3B	X	-7.393	-7.393	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,%]
194	MP3B	Z	4.268	4.268	0	%100
195	M191	X	-1.059	-1.059	0	%100
196	M191	Z	.612	.612	0	%100
197	M192	X	-1.059	-1.059	0	%100
198	M192	Z	.612	.612	0	%100
199	M195	X	-4.835	-4.835	0	%100
200	M195	Z	2.791	2.791	0	%100
201	M198	X	-1.059	-1.059	0	%100
202	M198	Z	.612	.612	0	%100
203	M199	X	-1.059	-1.059	0	%100
204	M199	Z	.612	.612	0	%100
205	M202	X	-11.111	-11.111	0	%100
206	M202	Z	6.415	6.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-17.897	-17.897	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-17.897	-17.897	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-17.897	-17.897	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-17.897	-17.897	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-17.687	-17.687	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-17.687	-17.687	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.011	-1.011	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.011	-1.011	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-8.051	-8.051	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	-13.479	-13.479	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	-13.479	-13.479	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	-1.011	-1.011	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	-1.011	-1.011	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	0	0	0	%100
38	M50	Z	0	0	0	%100
39	M51	X	-8.051	-8.051	0	%100
40	M51	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M52	X	-9.735	-9.735	0	%100
42	M52	Z	0	0	0	%100
43	M53	X	-9.735	-9.735	0	%100
44	M53	Z	0	0	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	0	0	0	%100
47	M55	X	-9.735	-9.735	0	%100
48	M55	Z	0	0	0	%100
49	M56	X	-9.735	-9.735	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	-3.99	-3.99	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-3.99	-3.99	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-9.735	-9.735	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-9.735	-9.735	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	-7.207	-7.207	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-9.735	-9.735	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-9.735	-9.735	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	-8.86	-8.86	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	-8.86	-8.86	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-9.735	-9.735	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-9.735	-9.735	0	%100
72	M67	Z	0	0	0	%100
73	M68	X	-7.207	-7.207	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-9.735	-9.735	0	%100
76	M69	Z	0	0	0	%100
77	M70	X	-9.735	-9.735	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	-8.86	-8.86	0	%100
80	M71	Z	0	0	0	%100
81	M72	X	-8.86	-8.86	0	%100
82	M72	Z	0	0	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	0	0	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	0	0	0	%100
87	MP2A	X	-10.334	-10.334	0	%100
88	MP2A	Z	0	0	0	%100
89	MP1C	X	-8.536	-8.536	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	-8.536	-8.536	0	%100
92	MP4B	Z	0	0	0	%100
93	M127	X	-15.689	-15.689	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	-4.842	-4.842	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	-11.981	-11.981	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,%]
98	M129	Z	0	0	0	%100
99	M130	X	-11.981	-11.981	0	%100
100	M130	Z	0	0	0	%100
101	M131	X	-.628	-.628	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	-.628	-.628	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	-.628	-.628	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	-.628	-.628	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	-.628	-.628	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	-2.013	-2.013	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	-2.013	-2.013	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	-4.218	-4.218	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	-4.218	-4.218	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	-8.536	-8.536	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4A	X	-8.536	-8.536	0	%100
122	MP4A	Z	0	0	0	%100
123	M105	X	-2.013	-2.013	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	-2.013	-2.013	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	-4.218	-4.218	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	-4.218	-4.218	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	-8.536	-8.536	0	%100
132	MP1A	Z	0	0	0	%100
133	MP4C	X	-8.536	-8.536	0	%100
134	MP4C	Z	0	0	0	%100
135	M117	X	-1.631	-1.631	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	-1.631	-1.631	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	-6.781	-6.781	0	%100
140	M121	Z	0	0	0	%100
141	M124	X	-1.631	-1.631	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	-1.631	-1.631	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	-8.536	-8.536	0	%100
146	MP3A	Z	0	0	0	%100
147	M127B	X	-1.631	-1.631	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	-1.631	-1.631	0	%100
150	M128A	Z	0	0	0	%100
151	M131A	X	-5.583	-5.583	0	%100
152	M131A	Z	0	0	0	%100
153	M134A	X	-1.631	-1.631	0	%100
154	M134A	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,%]
155	M135A	X	-1.631	-1.631	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	-10.334	-10.334	0	%100
158	MP2C	Z	0	0	0	%100
159	M143	X	-.408	-.408	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	-.408	-.408	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	-6.781	-6.781	0	%100
164	M147	Z	0	0	0	%100
165	M150	X	-.408	-.408	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	-.408	-.408	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	-8.536	-8.536	0	%100
170	MP3C	Z	0	0	0	%100
171	M159	X	-.408	-.408	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	-.408	-.408	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	-5.583	-5.583	0	%100
176	M163	Z	0	0	0	%100
177	M166	X	-.408	-.408	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	-.408	-.408	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	-10.334	-10.334	0	%100
182	MP2B	Z	0	0	0	%100
183	M175	X	-.408	-.408	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	-.408	-.408	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	-6.781	-6.781	0	%100
188	M179	Z	0	0	0	%100
189	M182	X	-.408	-.408	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	-.408	-.408	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	-8.536	-8.536	0	%100
194	MP3B	Z	0	0	0	%100
195	M191	X	-.408	-.408	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	-.408	-.408	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	-5.583	-5.583	0	%100
200	M195	Z	0	0	0	%100
201	M198	X	-.408	-.408	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	-.408	-.408	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	-9.622	-9.622	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.166	-5.166	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,%]
2	M1	Z	-2.983	-2.983	0	%100
3	M2	X	-5.166	-5.166	0	%100
4	M2	Z	-2.983	-2.983	0	%100
5	M3	X	-5.166	-5.166	0	%100
6	M3	Z	-2.983	-2.983	0	%100
7	M4	X	-5.166	-5.166	0	%100
8	M4	Z	-2.983	-2.983	0	%100
9	M5	X	-20.665	-20.665	0	%100
10	M5	Z	-11.931	-11.931	0	%100
11	M6	X	-20.665	-20.665	0	%100
12	M6	Z	-11.931	-11.931	0	%100
13	M7	X	-5.106	-5.106	0	%100
14	M7	Z	-2.948	-2.948	0	%100
15	M8	X	-5.106	-5.106	0	%100
16	M8	Z	-2.948	-2.948	0	%100
17	M9	X	-20.423	-20.423	0	%100
18	M9	Z	-11.791	-11.791	0	%100
19	M13	X	-.292	-.292	0	%100
20	M13	Z	-.168	-.168	0	%100
21	M14A	X	-1.167	-1.167	0	%100
22	M14A	Z	-.674	-.674	0	%100
23	M18	X	-.292	-.292	0	%100
24	M18	Z	-.168	-.168	0	%100
25	M22	X	-5.229	-5.229	0	%100
26	M22	Z	-3.019	-3.019	0	%100
27	M25	X	-15.564	-15.564	0	%100
28	M25	Z	-8.986	-8.986	0	%100
29	M26	X	-3.891	-3.891	0	%100
30	M26	Z	-2.246	-2.246	0	%100
31	M27	X	-3.891	-3.891	0	%100
32	M27	Z	-2.246	-2.246	0	%100
33	M34	X	-.292	-.292	0	%100
34	M34	Z	-.168	-.168	0	%100
35	M42	X	-1.167	-1.167	0	%100
36	M42	Z	-.674	-.674	0	%100
37	M50	X	-.292	-.292	0	%100
38	M50	Z	-.168	-.168	0	%100
39	M51	X	-5.229	-5.229	0	%100
40	M51	Z	-3.019	-3.019	0	%100
41	M52	X	-8.43	-8.43	0	%100
42	M52	Z	-4.867	-4.867	0	%100
43	M53	X	-8.43	-8.43	0	%100
44	M53	Z	-4.867	-4.867	0	%100
45	M54	X	-2.081	-2.081	0	%100
46	M54	Z	-1.201	-1.201	0	%100
47	M55	X	-8.43	-8.43	0	%100
48	M55	Z	-4.867	-4.867	0	%100
49	M56	X	-8.43	-8.43	0	%100
50	M56	Z	-4.867	-4.867	0	%100
51	M57	X	-4.862	-4.862	0	%100
52	M57	Z	-2.807	-2.807	0	%100
53	M58	X	-4.862	-4.862	0	%100
54	M58	Z	-2.807	-2.807	0	%100
55	M59	X	-8.43	-8.43	0	%100
56	M59	Z	-4.867	-4.867	0	%100
57	M60	X	-8.43	-8.43	0	%100
58	M60	Z	-4.867	-4.867	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,%]
59	M61	X	-2.081	-2.081	0	%100
60	M61	Z	-1.201	-1.201	0	%100
61	M62	X	-8.43	-8.43	0	%100
62	M62	Z	-4.867	-4.867	0	%100
63	M63	X	-8.43	-8.43	0	%100
64	M63	Z	-4.867	-4.867	0	%100
65	M64	X	-4.862	-4.862	0	%100
66	M64	Z	-2.807	-2.807	0	%100
67	M65	X	-4.862	-4.862	0	%100
68	M65	Z	-2.807	-2.807	0	%100
69	M66	X	-8.43	-8.43	0	%100
70	M66	Z	-4.867	-4.867	0	%100
71	M67	X	-8.43	-8.43	0	%100
72	M67	Z	-4.867	-4.867	0	%100
73	M68	X	-8.322	-8.322	0	%100
74	M68	Z	-4.805	-4.805	0	%100
75	M69	X	-8.43	-8.43	0	%100
76	M69	Z	-4.867	-4.867	0	%100
77	M70	X	-8.43	-8.43	0	%100
78	M70	Z	-4.867	-4.867	0	%100
79	M71	X	-9.079	-9.079	0	%100
80	M71	Z	-5.242	-5.242	0	%100
81	M72	X	-9.079	-9.079	0	%100
82	M72	Z	-5.242	-5.242	0	%100
83	M73	X	-1.218	-1.218	0	%100
84	M73	Z	-.703	-.703	0	%100
85	M74	X	-1.218	-1.218	0	%100
86	M74	Z	-.703	-.703	0	%100
87	MP2A	X	-8.949	-8.949	0	%100
88	MP2A	Z	-5.167	-5.167	0	%100
89	MP1C	X	-7.393	-7.393	0	%100
90	MP1C	Z	-4.268	-4.268	0	%100
91	MP4B	X	-7.393	-7.393	0	%100
92	MP4B	Z	-4.268	-4.268	0	%100
93	M127	X	-18.116	-18.116	0	%100
94	M127	Z	-10.46	-10.46	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	-10.376	-10.376	0	%100
98	M129	Z	-5.991	-5.991	0	%100
99	M130	X	-10.376	-10.376	0	%100
100	M130	Z	-5.991	-5.991	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	-5.229	-5.229	0	%100
112	M95	Z	-3.019	-3.019	0	%100
113	M96A	X	-5.229	-5.229	0	%100
114	M96A	Z	-3.019	-3.019	0	%100
115	M97A	X	-1.218	-1.218	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,%]
116	M97A	Z	-.703	-.703	0	%100
117	M98A	X	-1.218	-1.218	0	%100
118	M98A	Z	-.703	-.703	0	%100
119	MP1B	X	-7.393	-7.393	0	%100
120	MP1B	Z	-4.268	-4.268	0	%100
121	MP4A	X	-7.393	-7.393	0	%100
122	MP4A	Z	-4.268	-4.268	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	-4.871	-4.871	0	%100
128	M107A	Z	-2.812	-2.812	0	%100
129	M108A	X	-4.871	-4.871	0	%100
130	M108A	Z	-2.812	-2.812	0	%100
131	MP1A	X	-7.393	-7.393	0	%100
132	MP1A	Z	-4.268	-4.268	0	%100
133	MP4C	X	-7.393	-7.393	0	%100
134	MP4C	Z	-4.268	-4.268	0	%100
135	M117	X	-1.059	-1.059	0	%100
136	M117	Z	-.612	-.612	0	%100
137	M118A	X	-1.059	-1.059	0	%100
138	M118A	Z	-.612	-.612	0	%100
139	M121	X	-5.872	-5.872	0	%100
140	M121	Z	-3.39	-3.39	0	%100
141	M124	X	-1.059	-1.059	0	%100
142	M124	Z	-.612	-.612	0	%100
143	M125	X	-1.059	-1.059	0	%100
144	M125	Z	-.612	-.612	0	%100
145	MP3A	X	-7.393	-7.393	0	%100
146	MP3A	Z	-4.268	-4.268	0	%100
147	M127B	X	-1.059	-1.059	0	%100
148	M127B	Z	-.612	-.612	0	%100
149	M128A	X	-1.059	-1.059	0	%100
150	M128A	Z	-.612	-.612	0	%100
151	M131A	X	-4.835	-4.835	0	%100
152	M131A	Z	-2.791	-2.791	0	%100
153	M134A	X	-1.059	-1.059	0	%100
154	M134A	Z	-.612	-.612	0	%100
155	M135A	X	-1.059	-1.059	0	%100
156	M135A	Z	-.612	-.612	0	%100
157	MP2C	X	-8.949	-8.949	0	%100
158	MP2C	Z	-5.167	-5.167	0	%100
159	M143	X	-1.059	-1.059	0	%100
160	M143	Z	-.612	-.612	0	%100
161	M144	X	-1.059	-1.059	0	%100
162	M144	Z	-.612	-.612	0	%100
163	M147	X	-5.872	-5.872	0	%100
164	M147	Z	-3.39	-3.39	0	%100
165	M150	X	-1.059	-1.059	0	%100
166	M150	Z	-.612	-.612	0	%100
167	M151	X	-1.059	-1.059	0	%100
168	M151	Z	-.612	-.612	0	%100
169	MP3C	X	-7.393	-7.393	0	%100
170	MP3C	Z	-4.268	-4.268	0	%100
171	M159	X	-1.059	-1.059	0	%100
172	M159	Z	-.612	-.612	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,%]
173	M160	X	-1.059	-1.059	0	%100
174	M160	Z	-.612	-.612	0	%100
175	M163	X	-4.835	-4.835	0	%100
176	M163	Z	-2.791	-2.791	0	%100
177	M166	X	-1.059	-1.059	0	%100
178	M166	Z	-.612	-.612	0	%100
179	M167	X	-1.059	-1.059	0	%100
180	M167	Z	-.612	-.612	0	%100
181	MP2B	X	-8.949	-8.949	0	%100
182	MP2B	Z	-5.167	-5.167	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	-5.872	-5.872	0	%100
188	M179	Z	-3.39	-3.39	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	-7.393	-7.393	0	%100
194	MP3B	Z	-4.268	-4.268	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	-4.835	-4.835	0	%100
200	M195	Z	-2.791	-2.791	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	-2.778	-2.778	0	%100
206	M202	Z	-1.604	-1.604	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-8.948	-8.948	0	%100
2	M1	Z	-15.499	-15.499	0	%100
3	M2	X	-8.948	-8.948	0	%100
4	M2	Z	-15.499	-15.499	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-8.948	-8.948	0	%100
10	M5	Z	-15.499	-15.499	0	%100
11	M6	X	-8.948	-8.948	0	%100
12	M6	Z	-15.499	-15.499	0	%100
13	M7	X	-8.843	-8.843	0	%100
14	M7	Z	-15.317	-15.317	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-8.843	-8.843	0	%100
18	M9	Z	-15.317	-15.317	0	%100
19	M13	X	0	0	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,%]
20	M13	Z	0	0	0	%100
21	M14A	X	-.505	-.505	0	%100
22	M14A	Z	-.875	-.875	0	%100
23	M18	X	-.505	-.505	0	%100
24	M18	Z	-.875	-.875	0	%100
25	M22	X	-1.006	-1.006	0	%100
26	M22	Z	-1.743	-1.743	0	%100
27	M25	X	-6.739	-6.739	0	%100
28	M25	Z	-11.673	-11.673	0	%100
29	M26	X	-6.739	-6.739	0	%100
30	M26	Z	-11.673	-11.673	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	-.505	-.505	0	%100
36	M42	Z	-.875	-.875	0	%100
37	M50	X	-.505	-.505	0	%100
38	M50	Z	-.875	-.875	0	%100
39	M51	X	-1.006	-1.006	0	%100
40	M51	Z	-1.743	-1.743	0	%100
41	M52	X	-4.867	-4.867	0	%100
42	M52	Z	-8.43	-8.43	0	%100
43	M53	X	-4.867	-4.867	0	%100
44	M53	Z	-8.43	-8.43	0	%100
45	M54	X	-3.604	-3.604	0	%100
46	M54	Z	-6.242	-6.242	0	%100
47	M55	X	-4.867	-4.867	0	%100
48	M55	Z	-8.43	-8.43	0	%100
49	M56	X	-4.867	-4.867	0	%100
50	M56	Z	-8.43	-8.43	0	%100
51	M57	X	-4.43	-4.43	0	%100
52	M57	Z	-7.673	-7.673	0	%100
53	M58	X	-4.43	-4.43	0	%100
54	M58	Z	-7.673	-7.673	0	%100
55	M59	X	-4.867	-4.867	0	%100
56	M59	Z	-8.43	-8.43	0	%100
57	M60	X	-4.867	-4.867	0	%100
58	M60	Z	-8.43	-8.43	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-4.867	-4.867	0	%100
62	M62	Z	-8.43	-8.43	0	%100
63	M63	X	-4.867	-4.867	0	%100
64	M63	Z	-8.43	-8.43	0	%100
65	M64	X	-1.995	-1.995	0	%100
66	M64	Z	-3.456	-3.456	0	%100
67	M65	X	-1.995	-1.995	0	%100
68	M65	Z	-3.456	-3.456	0	%100
69	M66	X	-4.867	-4.867	0	%100
70	M66	Z	-8.43	-8.43	0	%100
71	M67	X	-4.867	-4.867	0	%100
72	M67	Z	-8.43	-8.43	0	%100
73	M68	X	-3.604	-3.604	0	%100
74	M68	Z	-6.242	-6.242	0	%100
75	M69	X	-4.867	-4.867	0	%100
76	M69	Z	-8.43	-8.43	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,%]
77	M70	X	-4.867	-4.867	0	%100
78	M70	Z	-8.43	-8.43	0	%100
79	M71	X	-4.43	-4.43	0	%100
80	M71	Z	-7.673	-7.673	0	%100
81	M72	X	-4.43	-4.43	0	%100
82	M72	Z	-7.673	-7.673	0	%100
83	M73	X	-2.109	-2.109	0	%100
84	M73	Z	-3.653	-3.653	0	%100
85	M74	X	-2.109	-2.109	0	%100
86	M74	Z	-3.653	-3.653	0	%100
87	MP2A	X	-5.167	-5.167	0	%100
88	MP2A	Z	-8.949	-8.949	0	%100
89	MP1C	X	-4.268	-4.268	0	%100
90	MP1C	Z	-7.393	-7.393	0	%100
91	MP4B	X	-4.268	-4.268	0	%100
92	MP4B	Z	-7.393	-7.393	0	%100
93	M127	X	-7.845	-7.845	0	%100
94	M127	Z	-13.587	-13.587	0	%100
95	M128	X	-2.421	-2.421	0	%100
96	M128	Z	-4.194	-4.194	0	%100
97	M129	X	-5.991	-5.991	0	%100
98	M129	Z	-10.376	-10.376	0	%100
99	M130	X	-5.991	-5.991	0	%100
100	M130	Z	-10.376	-10.376	0	%100
101	M131	X	-.314	-.314	0	%100
102	M131	Z	-.544	-.544	0	%100
103	M132	X	-.314	-.314	0	%100
104	M132	Z	-.544	-.544	0	%100
105	M133	X	-.314	-.314	0	%100
106	M133	Z	-.544	-.544	0	%100
107	M134	X	-.314	-.314	0	%100
108	M134	Z	-.544	-.544	0	%100
109	M135	X	-.314	-.314	0	%100
110	M135	Z	-.544	-.544	0	%100
111	M95	X	-4.026	-4.026	0	%100
112	M95	Z	-6.973	-6.973	0	%100
113	M96A	X	-4.026	-4.026	0	%100
114	M96A	Z	-6.973	-6.973	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	-4.268	-4.268	0	%100
120	MP1B	Z	-7.393	-7.393	0	%100
121	MP4A	X	-4.268	-4.268	0	%100
122	MP4A	Z	-7.393	-7.393	0	%100
123	M105	X	-1.006	-1.006	0	%100
124	M105	Z	-1.743	-1.743	0	%100
125	M106	X	-1.006	-1.006	0	%100
126	M106	Z	-1.743	-1.743	0	%100
127	M107A	X	-2.109	-2.109	0	%100
128	M107A	Z	-3.653	-3.653	0	%100
129	M108A	X	-2.109	-2.109	0	%100
130	M108A	Z	-3.653	-3.653	0	%100
131	MP1A	X	-4.268	-4.268	0	%100
132	MP1A	Z	-7.393	-7.393	0	%100
133	MP4C	X	-4.268	-4.268	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,%]
134	MP4C	Z	-7.393	-7.393	0	%100
135	M117	X	-.204	-.204	0	%100
136	M117	Z	-.353	-.353	0	%100
137	M118A	X	-.204	-.204	0	%100
138	M118A	Z	-.353	-.353	0	%100
139	M121	X	-3.39	-3.39	0	%100
140	M121	Z	-5.872	-5.872	0	%100
141	M124	X	-.204	-.204	0	%100
142	M124	Z	-.353	-.353	0	%100
143	M125	X	-.204	-.204	0	%100
144	M125	Z	-.353	-.353	0	%100
145	MP3A	X	-4.268	-4.268	0	%100
146	MP3A	Z	-7.393	-7.393	0	%100
147	M127B	X	-.204	-.204	0	%100
148	M127B	Z	-.353	-.353	0	%100
149	M128A	X	-.204	-.204	0	%100
150	M128A	Z	-.353	-.353	0	%100
151	M131A	X	-2.791	-2.791	0	%100
152	M131A	Z	-4.835	-4.835	0	%100
153	M134A	X	-.204	-.204	0	%100
154	M134A	Z	-.353	-.353	0	%100
155	M135A	X	-.204	-.204	0	%100
156	M135A	Z	-.353	-.353	0	%100
157	MP2C	X	-5.167	-5.167	0	%100
158	MP2C	Z	-8.949	-8.949	0	%100
159	M143	X	-.815	-.815	0	%100
160	M143	Z	-1.412	-1.412	0	%100
161	M144	X	-.815	-.815	0	%100
162	M144	Z	-1.412	-1.412	0	%100
163	M147	X	-3.39	-3.39	0	%100
164	M147	Z	-5.872	-5.872	0	%100
165	M150	X	-.815	-.815	0	%100
166	M150	Z	-1.412	-1.412	0	%100
167	M151	X	-.815	-.815	0	%100
168	M151	Z	-1.412	-1.412	0	%100
169	MP3C	X	-4.268	-4.268	0	%100
170	MP3C	Z	-7.393	-7.393	0	%100
171	M159	X	-.815	-.815	0	%100
172	M159	Z	-1.412	-1.412	0	%100
173	M160	X	-.815	-.815	0	%100
174	M160	Z	-1.412	-1.412	0	%100
175	M163	X	-2.791	-2.791	0	%100
176	M163	Z	-4.835	-4.835	0	%100
177	M166	X	-.815	-.815	0	%100
178	M166	Z	-1.412	-1.412	0	%100
179	M167	X	-.815	-.815	0	%100
180	M167	Z	-1.412	-1.412	0	%100
181	MP2B	X	-5.167	-5.167	0	%100
182	MP2B	Z	-8.949	-8.949	0	%100
183	M175	X	-.204	-.204	0	%100
184	M175	Z	-.353	-.353	0	%100
185	M176	X	-.204	-.204	0	%100
186	M176	Z	-.353	-.353	0	%100
187	M179	X	-3.39	-3.39	0	%100
188	M179	Z	-5.872	-5.872	0	%100
189	M182	X	-.204	-.204	0	%100
190	M182	Z	-.353	-.353	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,%]
191	M183	X	-.204	-.204	0	%100
192	M183	Z	-.353	-.353	0	%100
193	MP3B	X	-4.268	-4.268	0	%100
194	MP3B	Z	-7.393	-7.393	0	%100
195	M191	X	-.204	-.204	0	%100
196	M191	Z	-.353	-.353	0	%100
197	M192	X	-.204	-.204	0	%100
198	M192	Z	-.353	-.353	0	%100
199	M195	X	-2.791	-2.791	0	%100
200	M195	Z	-4.835	-4.835	0	%100
201	M198	X	-.204	-.204	0	%100
202	M198	Z	-.353	-.353	0	%100
203	M199	X	-.204	-.204	0	%100
204	M199	Z	-.353	-.353	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-6.069	-6.069	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-6.069	-6.069	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.517	-1.517	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.517	-1.517	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.517	-1.517	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.517	-1.517	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-6.017	-6.017	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.504	-1.504	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.504	-1.504	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.306	-.306	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.306	-.306	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.223	-1.223	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	-1.243	-1.243	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	-4.972	-4.972	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	-1.243	-1.243	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	-.306	-.306	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	-.306	-.306	0	%100
37	M50	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,%]
38	M50	Z	-1.223	-1.223	0	%100
39	M51	X	0	0	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	-3.135	-3.135	0	%100
43	M53	X	0	0	0	%100
44	M53	Z	-3.135	-3.135	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	-3.096	-3.096	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-3.135	-3.135	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	-3.135	-3.135	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-3.463	-3.463	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-3.463	-3.463	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-3.135	-3.135	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	-3.135	-3.135	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.774	-.774	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-3.135	-3.135	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-3.135	-3.135	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	-1.854	-1.854	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-1.854	-1.854	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-3.135	-3.135	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-3.135	-3.135	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-.774	-.774	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-3.135	-3.135	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	-3.135	-3.135	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	-1.854	-1.854	0	%100
81	M72	X	0	0	0	%100
82	M72	Z	-1.854	-1.854	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	-2.143	-2.143	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	-2.143	-2.143	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-3.549	-3.549	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.214	-3.214	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	-3.214	-3.214	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	-1.3	-1.3	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,%]
95	M128	X	0	0	0	%100
96	M128	Z	-3.574	-3.574	0	%100
97	M129	X	0	0	0	%100
98	M129	Z	-3.848	-3.848	0	%100
99	M130	X	0	0	0	%100
100	M130	Z	-3.848	-3.848	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	-1.154	-1.154	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	-1.154	-1.154	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	-1.154	-1.154	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	-1.154	-1.154	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	-1.154	-1.154	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	-2.169	-2.169	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	-2.169	-2.169	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	-.536	-.536	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	-.536	-.536	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-3.214	-3.214	0	%100
121	MP4A	X	0	0	0	%100
122	MP4A	Z	-3.214	-3.214	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	-2.169	-2.169	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	-2.169	-2.169	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	-.536	-.536	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	-.536	-.536	0	%100
131	MP1A	X	0	0	0	%100
132	MP1A	Z	-3.214	-3.214	0	%100
133	MP4C	X	0	0	0	%100
134	MP4C	Z	-3.214	-3.214	0	%100
135	M117	X	0	0	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	0	0	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	0	0	0	%100
140	M121	Z	-2.544	-2.544	0	%100
141	M124	X	0	0	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	0	0	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	0	0	0	%100
146	MP3A	Z	-3.214	-3.214	0	%100
147	M127B	X	0	0	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	0	0	0	%100
150	M128A	Z	0	0	0	%100
151	M131A	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,%]
152	M131A	Z	-2.098	-2.098	0	%100
153	M134A	X	0	0	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	0	0	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	0	0	0	%100
158	MP2C	Z	-3.549	-3.549	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	-.975	-.975	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	-.975	-.975	0	%100
163	M147	X	0	0	0	%100
164	M147	Z	-2.544	-2.544	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	-.975	-.975	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	-.975	-.975	0	%100
169	MP3C	X	0	0	0	%100
170	MP3C	Z	-3.214	-3.214	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	-.975	-.975	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	-.975	-.975	0	%100
175	M163	X	0	0	0	%100
176	M163	Z	-2.098	-2.098	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	-.975	-.975	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	-.975	-.975	0	%100
181	MP2B	X	0	0	0	%100
182	MP2B	Z	-3.549	-3.549	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	-.975	-.975	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	-.975	-.975	0	%100
187	M179	X	0	0	0	%100
188	M179	Z	-2.544	-2.544	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	-.975	-.975	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	-.975	-.975	0	%100
193	MP3B	X	0	0	0	%100
194	MP3B	Z	-3.214	-3.214	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	-.975	-.975	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	-.975	-.975	0	%100
199	M195	X	0	0	0	%100
200	M195	Z	-2.098	-2.098	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	-.975	-.975	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	-.975	-.975	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	-.888	-.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.276	2.276	0	%100
2	M1	Z	-3.942	-3.942	0	%100
3	M2	X	2.276	2.276	0	%100
4	M2	Z	-3.942	-3.942	0	%100
5	M3	X	2.276	2.276	0	%100
6	M3	Z	-3.942	-3.942	0	%100
7	M4	X	2.276	2.276	0	%100
8	M4	Z	-3.942	-3.942	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.256	2.256	0	%100
14	M7	Z	-3.908	-3.908	0	%100
15	M8	X	2.256	2.256	0	%100
16	M8	Z	-3.908	-3.908	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.458	.458	0	%100
20	M13	Z	-.794	-.794	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.458	.458	0	%100
24	M18	Z	-.794	-.794	0	%100
25	M22	X	.362	.362	0	%100
26	M22	Z	-.626	-.626	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	1.864	1.864	0	%100
30	M26	Z	-3.229	-3.229	0	%100
31	M27	X	1.864	1.864	0	%100
32	M27	Z	-3.229	-3.229	0	%100
33	M34	X	.458	.458	0	%100
34	M34	Z	-.794	-.794	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	.458	.458	0	%100
38	M50	Z	-.794	-.794	0	%100
39	M51	X	.362	.362	0	%100
40	M51	Z	-.626	-.626	0	%100
41	M52	X	1.567	1.567	0	%100
42	M52	Z	-2.715	-2.715	0	%100
43	M53	X	1.567	1.567	0	%100
44	M53	Z	-2.715	-2.715	0	%100
45	M54	X	1.161	1.161	0	%100
46	M54	Z	-2.011	-2.011	0	%100
47	M55	X	1.567	1.567	0	%100
48	M55	Z	-2.715	-2.715	0	%100
49	M56	X	1.567	1.567	0	%100
50	M56	Z	-2.715	-2.715	0	%100
51	M57	X	1.463	1.463	0	%100
52	M57	Z	-2.535	-2.535	0	%100
53	M58	X	1.463	1.463	0	%100
54	M58	Z	-2.535	-2.535	0	%100
55	M59	X	1.567	1.567	0	%100
56	M59	Z	-2.715	-2.715	0	%100
57	M60	X	1.567	1.567	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,%]
58	M60	Z	-2.715	-2.715	0	%100
59	M61	X	1.161	1.161	0	%100
60	M61	Z	-2.011	-2.011	0	%100
61	M62	X	1.567	1.567	0	%100
62	M62	Z	-2.715	-2.715	0	%100
63	M63	X	1.567	1.567	0	%100
64	M63	Z	-2.715	-2.715	0	%100
65	M64	X	1.463	1.463	0	%100
66	M64	Z	-2.535	-2.535	0	%100
67	M65	X	1.463	1.463	0	%100
68	M65	Z	-2.535	-2.535	0	%100
69	M66	X	1.567	1.567	0	%100
70	M66	Z	-2.715	-2.715	0	%100
71	M67	X	1.567	1.567	0	%100
72	M67	Z	-2.715	-2.715	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	1.567	1.567	0	%100
76	M69	Z	-2.715	-2.715	0	%100
77	M70	X	1.567	1.567	0	%100
78	M70	Z	-2.715	-2.715	0	%100
79	M71	X	.659	.659	0	%100
80	M71	Z	-1.142	-1.142	0	%100
81	M72	X	.659	.659	0	%100
82	M72	Z	-1.142	-1.142	0	%100
83	M73	X	.804	.804	0	%100
84	M73	Z	-1.392	-1.392	0	%100
85	M74	X	.804	.804	0	%100
86	M74	Z	-1.392	-1.392	0	%100
87	MP2A	X	1.775	1.775	0	%100
88	MP2A	Z	-3.074	-3.074	0	%100
89	MP1C	X	1.607	1.607	0	%100
90	MP1C	Z	-2.784	-2.784	0	%100
91	MP4B	X	1.607	1.607	0	%100
92	MP4B	Z	-2.784	-2.784	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	2.383	2.383	0	%100
96	M128	Z	-4.127	-4.127	0	%100
97	M129	X	1.924	1.924	0	%100
98	M129	Z	-3.332	-3.332	0	%100
99	M130	X	1.924	1.924	0	%100
100	M130	Z	-3.332	-3.332	0	%100
101	M131	X	.769	.769	0	%100
102	M131	Z	-1.333	-1.333	0	%100
103	M132	X	.769	.769	0	%100
104	M132	Z	-1.333	-1.333	0	%100
105	M133	X	.769	.769	0	%100
106	M133	Z	-1.333	-1.333	0	%100
107	M134	X	.769	.769	0	%100
108	M134	Z	-1.333	-1.333	0	%100
109	M135	X	.769	.769	0	%100
110	M135	Z	-1.333	-1.333	0	%100
111	M95	X	.362	.362	0	%100
112	M95	Z	-.626	-.626	0	%100
113	M96A	X	.362	.362	0	%100
114	M96A	Z	-.626	-.626	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,%]
115	M97A	X	.804	.804	0	%100
116	M97A	Z	-1.392	-1.392	0	%100
117	M98A	X	.804	.804	0	%100
118	M98A	Z	-1.392	-1.392	0	%100
119	MP1B	X	1.607	1.607	0	%100
120	MP1B	Z	-2.784	-2.784	0	%100
121	MP4A	X	1.607	1.607	0	%100
122	MP4A	Z	-2.784	-2.784	0	%100
123	M105	X	1.446	1.446	0	%100
124	M105	Z	-2.505	-2.505	0	%100
125	M106	X	1.446	1.446	0	%100
126	M106	Z	-2.505	-2.505	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	1.607	1.607	0	%100
132	MP1A	Z	-2.784	-2.784	0	%100
133	MP4C	X	1.607	1.607	0	%100
134	MP4C	Z	-2.784	-2.784	0	%100
135	M117	X	.163	.163	0	%100
136	M117	Z	-.281	-.281	0	%100
137	M118A	X	.163	.163	0	%100
138	M118A	Z	-.281	-.281	0	%100
139	M121	X	1.272	1.272	0	%100
140	M121	Z	-2.204	-2.204	0	%100
141	M124	X	.163	.163	0	%100
142	M124	Z	-.281	-.281	0	%100
143	M125	X	.163	.163	0	%100
144	M125	Z	-.281	-.281	0	%100
145	MP3A	X	1.607	1.607	0	%100
146	MP3A	Z	-2.784	-2.784	0	%100
147	M127B	X	.163	.163	0	%100
148	M127B	Z	-.281	-.281	0	%100
149	M128A	X	.163	.163	0	%100
150	M128A	Z	-.281	-.281	0	%100
151	M131A	X	1.049	1.049	0	%100
152	M131A	Z	-1.817	-1.817	0	%100
153	M134A	X	.163	.163	0	%100
154	M134A	Z	-.281	-.281	0	%100
155	M135A	X	.163	.163	0	%100
156	M135A	Z	-.281	-.281	0	%100
157	MP2C	X	1.775	1.775	0	%100
158	MP2C	Z	-3.074	-3.074	0	%100
159	M143	X	.163	.163	0	%100
160	M143	Z	-.281	-.281	0	%100
161	M144	X	.163	.163	0	%100
162	M144	Z	-.281	-.281	0	%100
163	M147	X	1.272	1.272	0	%100
164	M147	Z	-2.204	-2.204	0	%100
165	M150	X	.163	.163	0	%100
166	M150	Z	-.281	-.281	0	%100
167	M151	X	.163	.163	0	%100
168	M151	Z	-.281	-.281	0	%100
169	MP3C	X	1.607	1.607	0	%100
170	MP3C	Z	-2.784	-2.784	0	%100
171	M159	X	.163	.163	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,%]
172	M159	Z	-.281	-.281	0	%100
173	M160	X	.163	.163	0	%100
174	M160	Z	-.281	-.281	0	%100
175	M163	X	1.049	1.049	0	%100
176	M163	Z	-1.817	-1.817	0	%100
177	M166	X	.163	.163	0	%100
178	M166	Z	-.281	-.281	0	%100
179	M167	X	.163	.163	0	%100
180	M167	Z	-.281	-.281	0	%100
181	MP2B	X	1.775	1.775	0	%100
182	MP2B	Z	-3.074	-3.074	0	%100
183	M175	X	.65	.65	0	%100
184	M175	Z	-1.126	-1.126	0	%100
185	M176	X	.65	.65	0	%100
186	M176	Z	-1.126	-1.126	0	%100
187	M179	X	1.272	1.272	0	%100
188	M179	Z	-2.204	-2.204	0	%100
189	M182	X	.65	.65	0	%100
190	M182	Z	-1.126	-1.126	0	%100
191	M183	X	.65	.65	0	%100
192	M183	Z	-1.126	-1.126	0	%100
193	MP3B	X	1.607	1.607	0	%100
194	MP3B	Z	-2.784	-2.784	0	%100
195	M191	X	.65	.65	0	%100
196	M191	Z	-1.126	-1.126	0	%100
197	M192	X	.65	.65	0	%100
198	M192	Z	-1.126	-1.126	0	%100
199	M195	X	1.049	1.049	0	%100
200	M195	Z	-1.817	-1.817	0	%100
201	M198	X	.65	.65	0	%100
202	M198	Z	-1.126	-1.126	0	%100
203	M199	X	.65	.65	0	%100
204	M199	Z	-1.126	-1.126	0	%100
205	M202	X	1.332	1.332	0	%100
206	M202	Z	-2.308	-2.308	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.314	1.314	0	%100
2	M1	Z	-.759	-.759	0	%100
3	M2	X	1.314	1.314	0	%100
4	M2	Z	-.759	-.759	0	%100
5	M3	X	5.256	5.256	0	%100
6	M3	Z	-3.034	-3.034	0	%100
7	M4	X	5.256	5.256	0	%100
8	M4	Z	-3.034	-3.034	0	%100
9	M5	X	1.314	1.314	0	%100
10	M5	Z	-.759	-.759	0	%100
11	M6	X	1.314	1.314	0	%100
12	M6	Z	-.759	-.759	0	%100
13	M7	X	1.303	1.303	0	%100
14	M7	Z	-.752	-.752	0	%100
15	M8	X	5.211	5.211	0	%100
16	M8	Z	-3.008	-3.008	0	%100
17	M9	X	1.303	1.303	0	%100
18	M9	Z	-.752	-.752	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,%]
19	M13	X	1.059	1.059	0	%100
20	M13	Z	-.611	-.611	0	%100
21	M14A	X	.265	.265	0	%100
22	M14A	Z	-.153	-.153	0	%100
23	M18	X	.265	.265	0	%100
24	M18	Z	-.153	-.153	0	%100
25	M22	X	1.879	1.879	0	%100
26	M22	Z	-1.085	-1.085	0	%100
27	M25	X	1.076	1.076	0	%100
28	M25	Z	-.621	-.621	0	%100
29	M26	X	1.076	1.076	0	%100
30	M26	Z	-.621	-.621	0	%100
31	M27	X	4.306	4.306	0	%100
32	M27	Z	-2.486	-2.486	0	%100
33	M34	X	1.059	1.059	0	%100
34	M34	Z	-.611	-.611	0	%100
35	M42	X	.265	.265	0	%100
36	M42	Z	-.153	-.153	0	%100
37	M50	X	.265	.265	0	%100
38	M50	Z	-.153	-.153	0	%100
39	M51	X	1.879	1.879	0	%100
40	M51	Z	-1.085	-1.085	0	%100
41	M52	X	2.715	2.715	0	%100
42	M52	Z	-1.567	-1.567	0	%100
43	M53	X	2.715	2.715	0	%100
44	M53	Z	-1.567	-1.567	0	%100
45	M54	X	.67	.67	0	%100
46	M54	Z	-.387	-.387	0	%100
47	M55	X	2.715	2.715	0	%100
48	M55	Z	-1.567	-1.567	0	%100
49	M56	X	2.715	2.715	0	%100
50	M56	Z	-1.567	-1.567	0	%100
51	M57	X	1.606	1.606	0	%100
52	M57	Z	-.927	-.927	0	%100
53	M58	X	1.606	1.606	0	%100
54	M58	Z	-.927	-.927	0	%100
55	M59	X	2.715	2.715	0	%100
56	M59	Z	-1.567	-1.567	0	%100
57	M60	X	2.715	2.715	0	%100
58	M60	Z	-1.567	-1.567	0	%100
59	M61	X	2.681	2.681	0	%100
60	M61	Z	-1.548	-1.548	0	%100
61	M62	X	2.715	2.715	0	%100
62	M62	Z	-1.567	-1.567	0	%100
63	M63	X	2.715	2.715	0	%100
64	M63	Z	-1.567	-1.567	0	%100
65	M64	X	2.999	2.999	0	%100
66	M64	Z	-1.731	-1.731	0	%100
67	M65	X	2.999	2.999	0	%100
68	M65	Z	-1.731	-1.731	0	%100
69	M66	X	2.715	2.715	0	%100
70	M66	Z	-1.567	-1.567	0	%100
71	M67	X	2.715	2.715	0	%100
72	M67	Z	-1.567	-1.567	0	%100
73	M68	X	.67	.67	0	%100
74	M68	Z	-.387	-.387	0	%100
75	M69	X	2.715	2.715	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,%]
76	M69	Z	-1.567	-1.567	0	%100
77	M70	X	2.715	2.715	0	%100
78	M70	Z	-1.567	-1.567	0	%100
79	M71	X	1.606	1.606	0	%100
80	M71	Z	-.927	-.927	0	%100
81	M72	X	1.606	1.606	0	%100
82	M72	Z	-.927	-.927	0	%100
83	M73	X	.464	.464	0	%100
84	M73	Z	-.268	-.268	0	%100
85	M74	X	.464	.464	0	%100
86	M74	Z	-.268	-.268	0	%100
87	MP2A	X	3.074	3.074	0	%100
88	MP2A	Z	-1.775	-1.775	0	%100
89	MP1C	X	2.784	2.784	0	%100
90	MP1C	Z	-1.607	-1.607	0	%100
91	MP4B	X	2.784	2.784	0	%100
92	MP4B	Z	-1.607	-1.607	0	%100
93	M127	X	1.125	1.125	0	%100
94	M127	Z	-.65	-.65	0	%100
95	M128	X	3.095	3.095	0	%100
96	M128	Z	-1.787	-1.787	0	%100
97	M129	X	3.332	3.332	0	%100
98	M129	Z	-1.924	-1.924	0	%100
99	M130	X	3.332	3.332	0	%100
100	M130	Z	-1.924	-1.924	0	%100
101	M131	X	.999	.999	0	%100
102	M131	Z	-.577	-.577	0	%100
103	M132	X	.999	.999	0	%100
104	M132	Z	-.577	-.577	0	%100
105	M133	X	.999	.999	0	%100
106	M133	Z	-.577	-.577	0	%100
107	M134	X	.999	.999	0	%100
108	M134	Z	-.577	-.577	0	%100
109	M135	X	.999	.999	0	%100
110	M135	Z	-.577	-.577	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	1.856	1.856	0	%100
116	M97A	Z	-1.072	-1.072	0	%100
117	M98A	X	1.856	1.856	0	%100
118	M98A	Z	-1.072	-1.072	0	%100
119	MP1B	X	2.784	2.784	0	%100
120	MP1B	Z	-1.607	-1.607	0	%100
121	MP4A	X	2.784	2.784	0	%100
122	MP4A	Z	-1.607	-1.607	0	%100
123	M105	X	1.879	1.879	0	%100
124	M105	Z	-1.085	-1.085	0	%100
125	M106	X	1.879	1.879	0	%100
126	M106	Z	-1.085	-1.085	0	%100
127	M107A	X	.464	.464	0	%100
128	M107A	Z	-.268	-.268	0	%100
129	M108A	X	.464	.464	0	%100
130	M108A	Z	-.268	-.268	0	%100
131	MP1A	X	2.784	2.784	0	%100
132	MP1A	Z	-1.607	-1.607	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,%]
133	MP4C	X	2.784	2.784	0	%100
134	MP4C	Z	-1.607	-1.607	0	%100
135	M117	X	.844	.844	0	%100
136	M117	Z	-.488	-.488	0	%100
137	M118A	X	.844	.844	0	%100
138	M118A	Z	-.488	-.488	0	%100
139	M121	X	2.204	2.204	0	%100
140	M121	Z	-1.272	-1.272	0	%100
141	M124	X	.844	.844	0	%100
142	M124	Z	-.488	-.488	0	%100
143	M125	X	.844	.844	0	%100
144	M125	Z	-.488	-.488	0	%100
145	MP3A	X	2.784	2.784	0	%100
146	MP3A	Z	-1.607	-1.607	0	%100
147	M127B	X	.844	.844	0	%100
148	M127B	Z	-.488	-.488	0	%100
149	M128A	X	.844	.844	0	%100
150	M128A	Z	-.488	-.488	0	%100
151	M131A	X	1.817	1.817	0	%100
152	M131A	Z	-1.049	-1.049	0	%100
153	M134A	X	.844	.844	0	%100
154	M134A	Z	-.488	-.488	0	%100
155	M135A	X	.844	.844	0	%100
156	M135A	Z	-.488	-.488	0	%100
157	MP2C	X	3.074	3.074	0	%100
158	MP2C	Z	-1.775	-1.775	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	2.204	2.204	0	%100
164	M147	Z	-1.272	-1.272	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	2.784	2.784	0	%100
170	MP3C	Z	-1.607	-1.607	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	1.817	1.817	0	%100
176	M163	Z	-1.049	-1.049	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	3.074	3.074	0	%100
182	MP2B	Z	-1.775	-1.775	0	%100
183	M175	X	.844	.844	0	%100
184	M175	Z	-.488	-.488	0	%100
185	M176	X	.844	.844	0	%100
186	M176	Z	-.488	-.488	0	%100
187	M179	X	2.204	2.204	0	%100
188	M179	Z	-1.272	-1.272	0	%100
189	M182	X	.844	.844	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,%]
190	M182	Z	-.488	-.488	0	%100
191	M183	X	.844	.844	0	%100
192	M183	Z	-.488	-.488	0	%100
193	MP3B	X	2.784	2.784	0	%100
194	MP3B	Z	-1.607	-1.607	0	%100
195	M191	X	.844	.844	0	%100
196	M191	Z	-.488	-.488	0	%100
197	M192	X	.844	.844	0	%100
198	M192	Z	-.488	-.488	0	%100
199	M195	X	1.817	1.817	0	%100
200	M195	Z	-1.049	-1.049	0	%100
201	M198	X	.844	.844	0	%100
202	M198	Z	-.488	-.488	0	%100
203	M199	X	.844	.844	0	%100
204	M199	Z	-.488	-.488	0	%100
205	M202	X	3.077	3.077	0	%100
206	M202	Z	-1.777	-1.777	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.552	4.552	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.552	4.552	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	4.552	4.552	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	4.552	4.552	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	4.513	4.513	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	4.513	4.513	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.917	.917	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.917	.917	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	2.893	2.893	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	3.729	3.729	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	3.729	3.729	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	.917	.917	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	.917	.917	0	%100
36	M42	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	0	0	0	%100
39	M51	X	2.893	2.893	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	3.135	3.135	0	%100
42	M52	Z	0	0	0	%100
43	M53	X	3.135	3.135	0	%100
44	M53	Z	0	0	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	0	0	0	%100
47	M55	X	3.135	3.135	0	%100
48	M55	Z	0	0	0	%100
49	M56	X	3.135	3.135	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	1.318	1.318	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	1.318	1.318	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	3.135	3.135	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	3.135	3.135	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	2.322	2.322	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	3.135	3.135	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	3.135	3.135	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	2.927	2.927	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	2.927	2.927	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	3.135	3.135	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	3.135	3.135	0	%100
72	M67	Z	0	0	0	%100
73	M68	X	2.322	2.322	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	3.135	3.135	0	%100
76	M69	Z	0	0	0	%100
77	M70	X	3.135	3.135	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	2.927	2.927	0	%100
80	M71	Z	0	0	0	%100
81	M72	X	2.927	2.927	0	%100
82	M72	Z	0	0	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	0	0	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	0	0	0	%100
87	MP2A	X	3.549	3.549	0	%100
88	MP2A	Z	0	0	0	%100
89	MP1C	X	3.214	3.214	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	3.214	3.214	0	%100
92	MP4B	Z	0	0	0	%100
93	M127	X	3.899	3.899	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,%]
94	M127	Z	0	0	0	%100
95	M128	X	1.191	1.191	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	3.848	3.848	0	%100
98	M129	Z	0	0	0	%100
99	M130	X	3.848	3.848	0	%100
100	M130	Z	0	0	0	%100
101	M131	X	.385	.385	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	.385	.385	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	.385	.385	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	.385	.385	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	.385	.385	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	.723	.723	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	.723	.723	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	1.607	1.607	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	1.607	1.607	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	3.214	3.214	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4A	X	3.214	3.214	0	%100
122	MP4A	Z	0	0	0	%100
123	M105	X	.723	.723	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	.723	.723	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	1.607	1.607	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	1.607	1.607	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	3.214	3.214	0	%100
132	MP1A	Z	0	0	0	%100
133	MP4C	X	3.214	3.214	0	%100
134	MP4C	Z	0	0	0	%100
135	M117	X	1.3	1.3	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	1.3	1.3	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	2.544	2.544	0	%100
140	M121	Z	0	0	0	%100
141	M124	X	1.3	1.3	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	1.3	1.3	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	3.214	3.214	0	%100
146	MP3A	Z	0	0	0	%100
147	M127B	X	1.3	1.3	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	1.3	1.3	0	%100
150	M128A	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,%]
151	M131A	X	2.098	2.098	0	%100
152	M131A	Z	0	0	0	%100
153	M134A	X	1.3	1.3	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	1.3	1.3	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	3.549	3.549	0	%100
158	MP2C	Z	0	0	0	%100
159	M143	X	.325	.325	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	.325	.325	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	2.544	2.544	0	%100
164	M147	Z	0	0	0	%100
165	M150	X	.325	.325	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	.325	.325	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	3.214	3.214	0	%100
170	MP3C	Z	0	0	0	%100
171	M159	X	.325	.325	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	.325	.325	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	2.098	2.098	0	%100
176	M163	Z	0	0	0	%100
177	M166	X	.325	.325	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	.325	.325	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	3.549	3.549	0	%100
182	MP2B	Z	0	0	0	%100
183	M175	X	.325	.325	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	.325	.325	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	2.544	2.544	0	%100
188	M179	Z	0	0	0	%100
189	M182	X	.325	.325	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	.325	.325	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	3.214	3.214	0	%100
194	MP3B	Z	0	0	0	%100
195	M191	X	.325	.325	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	.325	.325	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	2.098	2.098	0	%100
200	M195	Z	0	0	0	%100
201	M198	X	.325	.325	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	.325	.325	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	2.665	2.665	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.314	1.314	0	%100
2	M1	Z	.759	.759	0	%100
3	M2	X	1.314	1.314	0	%100
4	M2	Z	.759	.759	0	%100
5	M3	X	1.314	1.314	0	%100
6	M3	Z	.759	.759	0	%100
7	M4	X	1.314	1.314	0	%100
8	M4	Z	.759	.759	0	%100
9	M5	X	5.256	5.256	0	%100
10	M5	Z	3.034	3.034	0	%100
11	M6	X	5.256	5.256	0	%100
12	M6	Z	3.034	3.034	0	%100
13	M7	X	1.303	1.303	0	%100
14	M7	Z	.752	.752	0	%100
15	M8	X	1.303	1.303	0	%100
16	M8	Z	.752	.752	0	%100
17	M9	X	5.211	5.211	0	%100
18	M9	Z	3.008	3.008	0	%100
19	M13	X	.265	.265	0	%100
20	M13	Z	.153	.153	0	%100
21	M14A	X	1.059	1.059	0	%100
22	M14A	Z	.611	.611	0	%100
23	M18	X	.265	.265	0	%100
24	M18	Z	.153	.153	0	%100
25	M22	X	1.879	1.879	0	%100
26	M22	Z	1.085	1.085	0	%100
27	M25	X	4.306	4.306	0	%100
28	M25	Z	2.486	2.486	0	%100
29	M26	X	1.076	1.076	0	%100
30	M26	Z	.621	.621	0	%100
31	M27	X	1.076	1.076	0	%100
32	M27	Z	.621	.621	0	%100
33	M34	X	.265	.265	0	%100
34	M34	Z	.153	.153	0	%100
35	M42	X	1.059	1.059	0	%100
36	M42	Z	.611	.611	0	%100
37	M50	X	.265	.265	0	%100
38	M50	Z	.153	.153	0	%100
39	M51	X	1.879	1.879	0	%100
40	M51	Z	1.085	1.085	0	%100
41	M52	X	2.715	2.715	0	%100
42	M52	Z	1.567	1.567	0	%100
43	M53	X	2.715	2.715	0	%100
44	M53	Z	1.567	1.567	0	%100
45	M54	X	.67	.67	0	%100
46	M54	Z	.387	.387	0	%100
47	M55	X	2.715	2.715	0	%100
48	M55	Z	1.567	1.567	0	%100
49	M56	X	2.715	2.715	0	%100
50	M56	Z	1.567	1.567	0	%100
51	M57	X	1.606	1.606	0	%100
52	M57	Z	.927	.927	0	%100
53	M58	X	1.606	1.606	0	%100
54	M58	Z	.927	.927	0	%100
55	M59	X	2.715	2.715	0	%100
56	M59	Z	1.567	1.567	0	%100
57	M60	X	2.715	2.715	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,%]
58	M60	Z	1.567	1.567	0	%100
59	M61	X	.67	.67	0	%100
60	M61	Z	.387	.387	0	%100
61	M62	X	2.715	2.715	0	%100
62	M62	Z	1.567	1.567	0	%100
63	M63	X	2.715	2.715	0	%100
64	M63	Z	1.567	1.567	0	%100
65	M64	X	1.606	1.606	0	%100
66	M64	Z	.927	.927	0	%100
67	M65	X	1.606	1.606	0	%100
68	M65	Z	.927	.927	0	%100
69	M66	X	2.715	2.715	0	%100
70	M66	Z	1.567	1.567	0	%100
71	M67	X	2.715	2.715	0	%100
72	M67	Z	1.567	1.567	0	%100
73	M68	X	2.681	2.681	0	%100
74	M68	Z	1.548	1.548	0	%100
75	M69	X	2.715	2.715	0	%100
76	M69	Z	1.567	1.567	0	%100
77	M70	X	2.715	2.715	0	%100
78	M70	Z	1.567	1.567	0	%100
79	M71	X	2.999	2.999	0	%100
80	M71	Z	1.731	1.731	0	%100
81	M72	X	2.999	2.999	0	%100
82	M72	Z	1.731	1.731	0	%100
83	M73	X	.464	.464	0	%100
84	M73	Z	.268	.268	0	%100
85	M74	X	.464	.464	0	%100
86	M74	Z	.268	.268	0	%100
87	MP2A	X	3.074	3.074	0	%100
88	MP2A	Z	1.775	1.775	0	%100
89	MP1C	X	2.784	2.784	0	%100
90	MP1C	Z	1.607	1.607	0	%100
91	MP4B	X	2.784	2.784	0	%100
92	MP4B	Z	1.607	1.607	0	%100
93	M127	X	4.502	4.502	0	%100
94	M127	Z	2.599	2.599	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	3.332	3.332	0	%100
98	M129	Z	1.924	1.924	0	%100
99	M130	X	3.332	3.332	0	%100
100	M130	Z	1.924	1.924	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	1.879	1.879	0	%100
112	M95	Z	1.085	1.085	0	%100
113	M96A	X	1.879	1.879	0	%100
114	M96A	Z	1.085	1.085	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,%]
115	M97A	X	.464	.464	0	%100
116	M97A	Z	.268	.268	0	%100
117	M98A	X	.464	.464	0	%100
118	M98A	Z	.268	.268	0	%100
119	MP1B	X	2.784	2.784	0	%100
120	MP1B	Z	1.607	1.607	0	%100
121	MP4A	X	2.784	2.784	0	%100
122	MP4A	Z	1.607	1.607	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	1.856	1.856	0	%100
128	M107A	Z	1.072	1.072	0	%100
129	M108A	X	1.856	1.856	0	%100
130	M108A	Z	1.072	1.072	0	%100
131	MP1A	X	2.784	2.784	0	%100
132	MP1A	Z	1.607	1.607	0	%100
133	MP4C	X	2.784	2.784	0	%100
134	MP4C	Z	1.607	1.607	0	%100
135	M117	X	.844	.844	0	%100
136	M117	Z	.488	.488	0	%100
137	M118A	X	.844	.844	0	%100
138	M118A	Z	.488	.488	0	%100
139	M121	X	2.204	2.204	0	%100
140	M121	Z	1.272	1.272	0	%100
141	M124	X	.844	.844	0	%100
142	M124	Z	.488	.488	0	%100
143	M125	X	.844	.844	0	%100
144	M125	Z	.488	.488	0	%100
145	MP3A	X	2.784	2.784	0	%100
146	MP3A	Z	1.607	1.607	0	%100
147	M127B	X	.844	.844	0	%100
148	M127B	Z	.488	.488	0	%100
149	M128A	X	.844	.844	0	%100
150	M128A	Z	.488	.488	0	%100
151	M131A	X	1.817	1.817	0	%100
152	M131A	Z	1.049	1.049	0	%100
153	M134A	X	.844	.844	0	%100
154	M134A	Z	.488	.488	0	%100
155	M135A	X	.844	.844	0	%100
156	M135A	Z	.488	.488	0	%100
157	MP2C	X	3.074	3.074	0	%100
158	MP2C	Z	1.775	1.775	0	%100
159	M143	X	.844	.844	0	%100
160	M143	Z	.488	.488	0	%100
161	M144	X	.844	.844	0	%100
162	M144	Z	.488	.488	0	%100
163	M147	X	2.204	2.204	0	%100
164	M147	Z	1.272	1.272	0	%100
165	M150	X	.844	.844	0	%100
166	M150	Z	.488	.488	0	%100
167	M151	X	.844	.844	0	%100
168	M151	Z	.488	.488	0	%100
169	MP3C	X	2.784	2.784	0	%100
170	MP3C	Z	1.607	1.607	0	%100
171	M159	X	.844	.844	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,%]
172	M159	Z	.488	.488	0	%100
173	M160	X	.844	.844	0	%100
174	M160	Z	.488	.488	0	%100
175	M163	X	1.817	1.817	0	%100
176	M163	Z	1.049	1.049	0	%100
177	M166	X	.844	.844	0	%100
178	M166	Z	.488	.488	0	%100
179	M167	X	.844	.844	0	%100
180	M167	Z	.488	.488	0	%100
181	MP2B	X	3.074	3.074	0	%100
182	MP2B	Z	1.775	1.775	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	2.204	2.204	0	%100
188	M179	Z	1.272	1.272	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	2.784	2.784	0	%100
194	MP3B	Z	1.607	1.607	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	1.817	1.817	0	%100
200	M195	Z	1.049	1.049	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	.769	.769	0	%100
206	M202	Z	.444	.444	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.276	2.276	0	%100
2	M1	Z	3.942	3.942	0	%100
3	M2	X	2.276	2.276	0	%100
4	M2	Z	3.942	3.942	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.276	2.276	0	%100
10	M5	Z	3.942	3.942	0	%100
11	M6	X	2.276	2.276	0	%100
12	M6	Z	3.942	3.942	0	%100
13	M7	X	2.256	2.256	0	%100
14	M7	Z	3.908	3.908	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.256	2.256	0	%100
18	M9	Z	3.908	3.908	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,%]
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.458	.458	0	%100
22	M14A	Z	.794	.794	0	%100
23	M18	X	.458	.458	0	%100
24	M18	Z	.794	.794	0	%100
25	M22	X	.362	.362	0	%100
26	M22	Z	.626	.626	0	%100
27	M25	X	1.864	1.864	0	%100
28	M25	Z	3.229	3.229	0	%100
29	M26	X	1.864	1.864	0	%100
30	M26	Z	3.229	3.229	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	.458	.458	0	%100
36	M42	Z	.794	.794	0	%100
37	M50	X	.458	.458	0	%100
38	M50	Z	.794	.794	0	%100
39	M51	X	.362	.362	0	%100
40	M51	Z	.626	.626	0	%100
41	M52	X	1.567	1.567	0	%100
42	M52	Z	2.715	2.715	0	%100
43	M53	X	1.567	1.567	0	%100
44	M53	Z	2.715	2.715	0	%100
45	M54	X	1.161	1.161	0	%100
46	M54	Z	2.011	2.011	0	%100
47	M55	X	1.567	1.567	0	%100
48	M55	Z	2.715	2.715	0	%100
49	M56	X	1.567	1.567	0	%100
50	M56	Z	2.715	2.715	0	%100
51	M57	X	1.463	1.463	0	%100
52	M57	Z	2.535	2.535	0	%100
53	M58	X	1.463	1.463	0	%100
54	M58	Z	2.535	2.535	0	%100
55	M59	X	1.567	1.567	0	%100
56	M59	Z	2.715	2.715	0	%100
57	M60	X	1.567	1.567	0	%100
58	M60	Z	2.715	2.715	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	1.567	1.567	0	%100
62	M62	Z	2.715	2.715	0	%100
63	M63	X	1.567	1.567	0	%100
64	M63	Z	2.715	2.715	0	%100
65	M64	X	.659	.659	0	%100
66	M64	Z	1.142	1.142	0	%100
67	M65	X	.659	.659	0	%100
68	M65	Z	1.142	1.142	0	%100
69	M66	X	1.567	1.567	0	%100
70	M66	Z	2.715	2.715	0	%100
71	M67	X	1.567	1.567	0	%100
72	M67	Z	2.715	2.715	0	%100
73	M68	X	1.161	1.161	0	%100
74	M68	Z	2.011	2.011	0	%100
75	M69	X	1.567	1.567	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,%]
76	M69	Z	2.715	2.715	0	%100
77	M70	X	1.567	1.567	0	%100
78	M70	Z	2.715	2.715	0	%100
79	M71	X	1.463	1.463	0	%100
80	M71	Z	2.535	2.535	0	%100
81	M72	X	1.463	1.463	0	%100
82	M72	Z	2.535	2.535	0	%100
83	M73	X	.804	.804	0	%100
84	M73	Z	1.392	1.392	0	%100
85	M74	X	.804	.804	0	%100
86	M74	Z	1.392	1.392	0	%100
87	MP2A	X	1.775	1.775	0	%100
88	MP2A	Z	3.074	3.074	0	%100
89	MP1C	X	1.607	1.607	0	%100
90	MP1C	Z	2.784	2.784	0	%100
91	MP4B	X	1.607	1.607	0	%100
92	MP4B	Z	2.784	2.784	0	%100
93	M127	X	1.949	1.949	0	%100
94	M127	Z	3.376	3.376	0	%100
95	M128	X	.596	.596	0	%100
96	M128	Z	1.032	1.032	0	%100
97	M129	X	1.924	1.924	0	%100
98	M129	Z	3.332	3.332	0	%100
99	M130	X	1.924	1.924	0	%100
100	M130	Z	3.332	3.332	0	%100
101	M131	X	.192	.192	0	%100
102	M131	Z	.333	.333	0	%100
103	M132	X	.192	.192	0	%100
104	M132	Z	.333	.333	0	%100
105	M133	X	.192	.192	0	%100
106	M133	Z	.333	.333	0	%100
107	M134	X	.192	.192	0	%100
108	M134	Z	.333	.333	0	%100
109	M135	X	.192	.192	0	%100
110	M135	Z	.333	.333	0	%100
111	M95	X	1.446	1.446	0	%100
112	M95	Z	2.505	2.505	0	%100
113	M96A	X	1.446	1.446	0	%100
114	M96A	Z	2.505	2.505	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	1.607	1.607	0	%100
120	MP1B	Z	2.784	2.784	0	%100
121	MP4A	X	1.607	1.607	0	%100
122	MP4A	Z	2.784	2.784	0	%100
123	M105	X	.362	.362	0	%100
124	M105	Z	.626	.626	0	%100
125	M106	X	.362	.362	0	%100
126	M106	Z	.626	.626	0	%100
127	M107A	X	.804	.804	0	%100
128	M107A	Z	1.392	1.392	0	%100
129	M108A	X	.804	.804	0	%100
130	M108A	Z	1.392	1.392	0	%100
131	MP1A	X	1.607	1.607	0	%100
132	MP1A	Z	2.784	2.784	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,%]
133	MP4C	X	1.607	1.607	0	%100
134	MP4C	Z	2.784	2.784	0	%100
135	M117	X	.163	.163	0	%100
136	M117	Z	.281	.281	0	%100
137	M118A	X	.163	.163	0	%100
138	M118A	Z	.281	.281	0	%100
139	M121	X	1.272	1.272	0	%100
140	M121	Z	2.204	2.204	0	%100
141	M124	X	.163	.163	0	%100
142	M124	Z	.281	.281	0	%100
143	M125	X	.163	.163	0	%100
144	M125	Z	.281	.281	0	%100
145	MP3A	X	1.607	1.607	0	%100
146	MP3A	Z	2.784	2.784	0	%100
147	M127B	X	.163	.163	0	%100
148	M127B	Z	.281	.281	0	%100
149	M128A	X	.163	.163	0	%100
150	M128A	Z	.281	.281	0	%100
151	M131A	X	1.049	1.049	0	%100
152	M131A	Z	1.817	1.817	0	%100
153	M134A	X	.163	.163	0	%100
154	M134A	Z	.281	.281	0	%100
155	M135A	X	.163	.163	0	%100
156	M135A	Z	.281	.281	0	%100
157	MP2C	X	1.775	1.775	0	%100
158	MP2C	Z	3.074	3.074	0	%100
159	M143	X	.65	.65	0	%100
160	M143	Z	1.126	1.126	0	%100
161	M144	X	.65	.65	0	%100
162	M144	Z	1.126	1.126	0	%100
163	M147	X	1.272	1.272	0	%100
164	M147	Z	2.204	2.204	0	%100
165	M150	X	.65	.65	0	%100
166	M150	Z	1.126	1.126	0	%100
167	M151	X	.65	.65	0	%100
168	M151	Z	1.126	1.126	0	%100
169	MP3C	X	1.607	1.607	0	%100
170	MP3C	Z	2.784	2.784	0	%100
171	M159	X	.65	.65	0	%100
172	M159	Z	1.126	1.126	0	%100
173	M160	X	.65	.65	0	%100
174	M160	Z	1.126	1.126	0	%100
175	M163	X	1.049	1.049	0	%100
176	M163	Z	1.817	1.817	0	%100
177	M166	X	.65	.65	0	%100
178	M166	Z	1.126	1.126	0	%100
179	M167	X	.65	.65	0	%100
180	M167	Z	1.126	1.126	0	%100
181	MP2B	X	1.775	1.775	0	%100
182	MP2B	Z	3.074	3.074	0	%100
183	M175	X	.163	.163	0	%100
184	M175	Z	.281	.281	0	%100
185	M176	X	.163	.163	0	%100
186	M176	Z	.281	.281	0	%100
187	M179	X	1.272	1.272	0	%100
188	M179	Z	2.204	2.204	0	%100
189	M182	X	.163	.163	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,%]
190	M182	Z	.281	.281	0	%100
191	M183	X	.163	.163	0	%100
192	M183	Z	.281	.281	0	%100
193	MP3B	X	1.607	1.607	0	%100
194	MP3B	Z	2.784	2.784	0	%100
195	M191	X	.163	.163	0	%100
196	M191	Z	.281	.281	0	%100
197	M192	X	.163	.163	0	%100
198	M192	Z	.281	.281	0	%100
199	M195	X	1.049	1.049	0	%100
200	M195	Z	1.817	1.817	0	%100
201	M198	X	.163	.163	0	%100
202	M198	Z	.281	.281	0	%100
203	M199	X	.163	.163	0	%100
204	M199	Z	.281	.281	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	6.069	6.069	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	6.069	6.069	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.517	1.517	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.517	1.517	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.517	1.517	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.517	1.517	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	6.017	6.017	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.504	1.504	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.504	1.504	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.306	.306	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.306	.306	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.223	1.223	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	1.243	1.243	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	4.972	4.972	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	1.243	1.243	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	.306	.306	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	.306	.306	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	1.223	1.223	0	%100
39	M51	X	0	0	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	3.135	3.135	0	%100
43	M53	X	0	0	0	%100
44	M53	Z	3.135	3.135	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	3.096	3.096	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	3.135	3.135	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	3.135	3.135	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	3.463	3.463	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	3.463	3.463	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	3.135	3.135	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	3.135	3.135	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.774	.774	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	3.135	3.135	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	3.135	3.135	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	1.854	1.854	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	1.854	1.854	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	3.135	3.135	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	3.135	3.135	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	.774	.774	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	3.135	3.135	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	3.135	3.135	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	1.854	1.854	0	%100
81	M72	X	0	0	0	%100
82	M72	Z	1.854	1.854	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	2.143	2.143	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	2.143	2.143	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	3.549	3.549	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.214	3.214	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	3.214	3.214	0	%100
93	M127	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,%]
94	M127	Z	1.3	1.3	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	3.574	3.574	0	%100
97	M129	X	0	0	0	%100
98	M129	Z	3.848	3.848	0	%100
99	M130	X	0	0	0	%100
100	M130	Z	3.848	3.848	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	1.154	1.154	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	1.154	1.154	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	1.154	1.154	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	1.154	1.154	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	1.154	1.154	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	2.169	2.169	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	2.169	2.169	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	.536	.536	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	.536	.536	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	3.214	3.214	0	%100
121	MP4A	X	0	0	0	%100
122	MP4A	Z	3.214	3.214	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	2.169	2.169	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	2.169	2.169	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	.536	.536	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	.536	.536	0	%100
131	MP1A	X	0	0	0	%100
132	MP1A	Z	3.214	3.214	0	%100
133	MP4C	X	0	0	0	%100
134	MP4C	Z	3.214	3.214	0	%100
135	M117	X	0	0	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	0	0	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	0	0	0	%100
140	M121	Z	2.544	2.544	0	%100
141	M124	X	0	0	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	0	0	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	0	0	0	%100
146	MP3A	Z	3.214	3.214	0	%100
147	M127B	X	0	0	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	0	0	0	%100
150	M128A	Z	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,%]
151	M131A	X	0	0	0	%100
152	M131A	Z	2.098	2.098	0	%100
153	M134A	X	0	0	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	0	0	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	0	0	0	%100
158	MP2C	Z	3.549	3.549	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	.975	.975	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	.975	.975	0	%100
163	M147	X	0	0	0	%100
164	M147	Z	2.544	2.544	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	.975	.975	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	.975	.975	0	%100
169	MP3C	X	0	0	0	%100
170	MP3C	Z	3.214	3.214	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	.975	.975	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	.975	.975	0	%100
175	M163	X	0	0	0	%100
176	M163	Z	2.098	2.098	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	.975	.975	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	.975	.975	0	%100
181	MP2B	X	0	0	0	%100
182	MP2B	Z	3.549	3.549	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	.975	.975	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	.975	.975	0	%100
187	M179	X	0	0	0	%100
188	M179	Z	2.544	2.544	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	.975	.975	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	.975	.975	0	%100
193	MP3B	X	0	0	0	%100
194	MP3B	Z	3.214	3.214	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	.975	.975	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	.975	.975	0	%100
199	M195	X	0	0	0	%100
200	M195	Z	2.098	2.098	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	.975	.975	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	.975	.975	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	.888	.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.276	-2.276	0	%100
2	M1	Z	3.942	3.942	0	%100
3	M2	X	-2.276	-2.276	0	%100
4	M2	Z	3.942	3.942	0	%100
5	M3	X	-2.276	-2.276	0	%100
6	M3	Z	3.942	3.942	0	%100
7	M4	X	-2.276	-2.276	0	%100
8	M4	Z	3.942	3.942	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.256	-2.256	0	%100
14	M7	Z	3.908	3.908	0	%100
15	M8	X	-2.256	-2.256	0	%100
16	M8	Z	3.908	3.908	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.458	-.458	0	%100
20	M13	Z	.794	.794	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.458	-.458	0	%100
24	M18	Z	.794	.794	0	%100
25	M22	X	-.362	-.362	0	%100
26	M22	Z	.626	.626	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	-1.864	-1.864	0	%100
30	M26	Z	3.229	3.229	0	%100
31	M27	X	-1.864	-1.864	0	%100
32	M27	Z	3.229	3.229	0	%100
33	M34	X	-.458	-.458	0	%100
34	M34	Z	.794	.794	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	-.458	-.458	0	%100
38	M50	Z	.794	.794	0	%100
39	M51	X	-.362	-.362	0	%100
40	M51	Z	.626	.626	0	%100
41	M52	X	-1.567	-1.567	0	%100
42	M52	Z	2.715	2.715	0	%100
43	M53	X	-1.567	-1.567	0	%100
44	M53	Z	2.715	2.715	0	%100
45	M54	X	-1.161	-1.161	0	%100
46	M54	Z	2.011	2.011	0	%100
47	M55	X	-1.567	-1.567	0	%100
48	M55	Z	2.715	2.715	0	%100
49	M56	X	-1.567	-1.567	0	%100
50	M56	Z	2.715	2.715	0	%100
51	M57	X	-1.463	-1.463	0	%100
52	M57	Z	2.535	2.535	0	%100
53	M58	X	-1.463	-1.463	0	%100
54	M58	Z	2.535	2.535	0	%100
55	M59	X	-1.567	-1.567	0	%100
56	M59	Z	2.715	2.715	0	%100
57	M60	X	-1.567	-1.567	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,%]
58	M60	Z	2.715	2.715	0	%100
59	M61	X	-1.161	-1.161	0	%100
60	M61	Z	2.011	2.011	0	%100
61	M62	X	-1.567	-1.567	0	%100
62	M62	Z	2.715	2.715	0	%100
63	M63	X	-1.567	-1.567	0	%100
64	M63	Z	2.715	2.715	0	%100
65	M64	X	-1.463	-1.463	0	%100
66	M64	Z	2.535	2.535	0	%100
67	M65	X	-1.463	-1.463	0	%100
68	M65	Z	2.535	2.535	0	%100
69	M66	X	-1.567	-1.567	0	%100
70	M66	Z	2.715	2.715	0	%100
71	M67	X	-1.567	-1.567	0	%100
72	M67	Z	2.715	2.715	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-1.567	-1.567	0	%100
76	M69	Z	2.715	2.715	0	%100
77	M70	X	-1.567	-1.567	0	%100
78	M70	Z	2.715	2.715	0	%100
79	M71	X	-.659	-.659	0	%100
80	M71	Z	1.142	1.142	0	%100
81	M72	X	-.659	-.659	0	%100
82	M72	Z	1.142	1.142	0	%100
83	M73	X	-.804	-.804	0	%100
84	M73	Z	1.392	1.392	0	%100
85	M74	X	-.804	-.804	0	%100
86	M74	Z	1.392	1.392	0	%100
87	MP2A	X	-1.775	-1.775	0	%100
88	MP2A	Z	3.074	3.074	0	%100
89	MP1C	X	-1.607	-1.607	0	%100
90	MP1C	Z	2.784	2.784	0	%100
91	MP4B	X	-1.607	-1.607	0	%100
92	MP4B	Z	2.784	2.784	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	-2.383	-2.383	0	%100
96	M128	Z	4.127	4.127	0	%100
97	M129	X	-1.924	-1.924	0	%100
98	M129	Z	3.332	3.332	0	%100
99	M130	X	-1.924	-1.924	0	%100
100	M130	Z	3.332	3.332	0	%100
101	M131	X	-.769	-.769	0	%100
102	M131	Z	1.333	1.333	0	%100
103	M132	X	-.769	-.769	0	%100
104	M132	Z	1.333	1.333	0	%100
105	M133	X	-.769	-.769	0	%100
106	M133	Z	1.333	1.333	0	%100
107	M134	X	-.769	-.769	0	%100
108	M134	Z	1.333	1.333	0	%100
109	M135	X	-.769	-.769	0	%100
110	M135	Z	1.333	1.333	0	%100
111	M95	X	-.362	-.362	0	%100
112	M95	Z	.626	.626	0	%100
113	M96A	X	-.362	-.362	0	%100
114	M96A	Z	.626	.626	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,%]
115	M97A	X	-.804	-.804	0	%100
116	M97A	Z	1.392	1.392	0	%100
117	M98A	X	-.804	-.804	0	%100
118	M98A	Z	1.392	1.392	0	%100
119	MP1B	X	-1.607	-1.607	0	%100
120	MP1B	Z	2.784	2.784	0	%100
121	MP4A	X	-1.607	-1.607	0	%100
122	MP4A	Z	2.784	2.784	0	%100
123	M105	X	-1.446	-1.446	0	%100
124	M105	Z	2.505	2.505	0	%100
125	M106	X	-1.446	-1.446	0	%100
126	M106	Z	2.505	2.505	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	-1.607	-1.607	0	%100
132	MP1A	Z	2.784	2.784	0	%100
133	MP4C	X	-1.607	-1.607	0	%100
134	MP4C	Z	2.784	2.784	0	%100
135	M117	X	-.163	-.163	0	%100
136	M117	Z	.281	.281	0	%100
137	M118A	X	-.163	-.163	0	%100
138	M118A	Z	.281	.281	0	%100
139	M121	X	-1.272	-1.272	0	%100
140	M121	Z	2.204	2.204	0	%100
141	M124	X	-.163	-.163	0	%100
142	M124	Z	.281	.281	0	%100
143	M125	X	-.163	-.163	0	%100
144	M125	Z	.281	.281	0	%100
145	MP3A	X	-1.607	-1.607	0	%100
146	MP3A	Z	2.784	2.784	0	%100
147	M127B	X	-.163	-.163	0	%100
148	M127B	Z	.281	.281	0	%100
149	M128A	X	-.163	-.163	0	%100
150	M128A	Z	.281	.281	0	%100
151	M131A	X	-1.049	-1.049	0	%100
152	M131A	Z	1.817	1.817	0	%100
153	M134A	X	-.163	-.163	0	%100
154	M134A	Z	.281	.281	0	%100
155	M135A	X	-.163	-.163	0	%100
156	M135A	Z	.281	.281	0	%100
157	MP2C	X	-1.775	-1.775	0	%100
158	MP2C	Z	3.074	3.074	0	%100
159	M143	X	-.163	-.163	0	%100
160	M143	Z	.281	.281	0	%100
161	M144	X	-.163	-.163	0	%100
162	M144	Z	.281	.281	0	%100
163	M147	X	-1.272	-1.272	0	%100
164	M147	Z	2.204	2.204	0	%100
165	M150	X	-.163	-.163	0	%100
166	M150	Z	.281	.281	0	%100
167	M151	X	-.163	-.163	0	%100
168	M151	Z	.281	.281	0	%100
169	MP3C	X	-1.607	-1.607	0	%100
170	MP3C	Z	2.784	2.784	0	%100
171	M159	X	-.163	-.163	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,%]
172	M159	Z	.281	.281	0	%100
173	M160	X	-.163	-.163	0	%100
174	M160	Z	.281	.281	0	%100
175	M163	X	-1.049	-1.049	0	%100
176	M163	Z	1.817	1.817	0	%100
177	M166	X	-.163	-.163	0	%100
178	M166	Z	.281	.281	0	%100
179	M167	X	-.163	-.163	0	%100
180	M167	Z	.281	.281	0	%100
181	MP2B	X	-1.775	-1.775	0	%100
182	MP2B	Z	3.074	3.074	0	%100
183	M175	X	-.65	-.65	0	%100
184	M175	Z	1.126	1.126	0	%100
185	M176	X	-.65	-.65	0	%100
186	M176	Z	1.126	1.126	0	%100
187	M179	X	-1.272	-1.272	0	%100
188	M179	Z	2.204	2.204	0	%100
189	M182	X	-.65	-.65	0	%100
190	M182	Z	1.126	1.126	0	%100
191	M183	X	-.65	-.65	0	%100
192	M183	Z	1.126	1.126	0	%100
193	MP3B	X	-1.607	-1.607	0	%100
194	MP3B	Z	2.784	2.784	0	%100
195	M191	X	-.65	-.65	0	%100
196	M191	Z	1.126	1.126	0	%100
197	M192	X	-.65	-.65	0	%100
198	M192	Z	1.126	1.126	0	%100
199	M195	X	-1.049	-1.049	0	%100
200	M195	Z	1.817	1.817	0	%100
201	M198	X	-.65	-.65	0	%100
202	M198	Z	1.126	1.126	0	%100
203	M199	X	-.65	-.65	0	%100
204	M199	Z	1.126	1.126	0	%100
205	M202	X	-1.332	-1.332	0	%100
206	M202	Z	2.308	2.308	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.314	-1.314	0	%100
2	M1	Z	.759	.759	0	%100
3	M2	X	-1.314	-1.314	0	%100
4	M2	Z	.759	.759	0	%100
5	M3	X	-5.256	-5.256	0	%100
6	M3	Z	3.034	3.034	0	%100
7	M4	X	-5.256	-5.256	0	%100
8	M4	Z	3.034	3.034	0	%100
9	M5	X	-1.314	-1.314	0	%100
10	M5	Z	.759	.759	0	%100
11	M6	X	-1.314	-1.314	0	%100
12	M6	Z	.759	.759	0	%100
13	M7	X	-1.303	-1.303	0	%100
14	M7	Z	.752	.752	0	%100
15	M8	X	-5.211	-5.211	0	%100
16	M8	Z	3.008	3.008	0	%100
17	M9	X	-1.303	-1.303	0	%100
18	M9	Z	.752	.752	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,%]
19	M13	X	-1.059	-1.059	0	%100
20	M13	Z	.611	.611	0	%100
21	M14A	X	-.265	-.265	0	%100
22	M14A	Z	.153	.153	0	%100
23	M18	X	-.265	-.265	0	%100
24	M18	Z	.153	.153	0	%100
25	M22	X	-1.879	-1.879	0	%100
26	M22	Z	1.085	1.085	0	%100
27	M25	X	-1.076	-1.076	0	%100
28	M25	Z	.621	.621	0	%100
29	M26	X	-1.076	-1.076	0	%100
30	M26	Z	.621	.621	0	%100
31	M27	X	-4.306	-4.306	0	%100
32	M27	Z	2.486	2.486	0	%100
33	M34	X	-1.059	-1.059	0	%100
34	M34	Z	.611	.611	0	%100
35	M42	X	-.265	-.265	0	%100
36	M42	Z	.153	.153	0	%100
37	M50	X	-.265	-.265	0	%100
38	M50	Z	.153	.153	0	%100
39	M51	X	-1.879	-1.879	0	%100
40	M51	Z	1.085	1.085	0	%100
41	M52	X	-2.715	-2.715	0	%100
42	M52	Z	1.567	1.567	0	%100
43	M53	X	-2.715	-2.715	0	%100
44	M53	Z	1.567	1.567	0	%100
45	M54	X	-.67	-.67	0	%100
46	M54	Z	.387	.387	0	%100
47	M55	X	-2.715	-2.715	0	%100
48	M55	Z	1.567	1.567	0	%100
49	M56	X	-2.715	-2.715	0	%100
50	M56	Z	1.567	1.567	0	%100
51	M57	X	-1.606	-1.606	0	%100
52	M57	Z	.927	.927	0	%100
53	M58	X	-1.606	-1.606	0	%100
54	M58	Z	.927	.927	0	%100
55	M59	X	-2.715	-2.715	0	%100
56	M59	Z	1.567	1.567	0	%100
57	M60	X	-2.715	-2.715	0	%100
58	M60	Z	1.567	1.567	0	%100
59	M61	X	-2.681	-2.681	0	%100
60	M61	Z	1.548	1.548	0	%100
61	M62	X	-2.715	-2.715	0	%100
62	M62	Z	1.567	1.567	0	%100
63	M63	X	-2.715	-2.715	0	%100
64	M63	Z	1.567	1.567	0	%100
65	M64	X	-2.999	-2.999	0	%100
66	M64	Z	1.731	1.731	0	%100
67	M65	X	-2.999	-2.999	0	%100
68	M65	Z	1.731	1.731	0	%100
69	M66	X	-2.715	-2.715	0	%100
70	M66	Z	1.567	1.567	0	%100
71	M67	X	-2.715	-2.715	0	%100
72	M67	Z	1.567	1.567	0	%100
73	M68	X	-.67	-.67	0	%100
74	M68	Z	.387	.387	0	%100
75	M69	X	-2.715	-2.715	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,%]
76	M69	Z	1.567	1.567	0	%100
77	M70	X	-2.715	-2.715	0	%100
78	M70	Z	1.567	1.567	0	%100
79	M71	X	-1.606	-1.606	0	%100
80	M71	Z	.927	.927	0	%100
81	M72	X	-1.606	-1.606	0	%100
82	M72	Z	.927	.927	0	%100
83	M73	X	-.464	-.464	0	%100
84	M73	Z	.268	.268	0	%100
85	M74	X	-.464	-.464	0	%100
86	M74	Z	.268	.268	0	%100
87	MP2A	X	-3.074	-3.074	0	%100
88	MP2A	Z	1.775	1.775	0	%100
89	MP1C	X	-2.784	-2.784	0	%100
90	MP1C	Z	1.607	1.607	0	%100
91	MP4B	X	-2.784	-2.784	0	%100
92	MP4B	Z	1.607	1.607	0	%100
93	M127	X	-1.125	-1.125	0	%100
94	M127	Z	.65	.65	0	%100
95	M128	X	-3.095	-3.095	0	%100
96	M128	Z	1.787	1.787	0	%100
97	M129	X	-3.332	-3.332	0	%100
98	M129	Z	1.924	1.924	0	%100
99	M130	X	-3.332	-3.332	0	%100
100	M130	Z	1.924	1.924	0	%100
101	M131	X	-.999	-.999	0	%100
102	M131	Z	.577	.577	0	%100
103	M132	X	-.999	-.999	0	%100
104	M132	Z	.577	.577	0	%100
105	M133	X	-.999	-.999	0	%100
106	M133	Z	.577	.577	0	%100
107	M134	X	-.999	-.999	0	%100
108	M134	Z	.577	.577	0	%100
109	M135	X	-.999	-.999	0	%100
110	M135	Z	.577	.577	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	-1.856	-1.856	0	%100
116	M97A	Z	1.072	1.072	0	%100
117	M98A	X	-1.856	-1.856	0	%100
118	M98A	Z	1.072	1.072	0	%100
119	MP1B	X	-2.784	-2.784	0	%100
120	MP1B	Z	1.607	1.607	0	%100
121	MP4A	X	-2.784	-2.784	0	%100
122	MP4A	Z	1.607	1.607	0	%100
123	M105	X	-1.879	-1.879	0	%100
124	M105	Z	1.085	1.085	0	%100
125	M106	X	-1.879	-1.879	0	%100
126	M106	Z	1.085	1.085	0	%100
127	M107A	X	-.464	-.464	0	%100
128	M107A	Z	.268	.268	0	%100
129	M108A	X	-.464	-.464	0	%100
130	M108A	Z	.268	.268	0	%100
131	MP1A	X	-2.784	-2.784	0	%100
132	MP1A	Z	1.607	1.607	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,%]
133	MP4C	X	-2.784	-2.784	0	%100
134	MP4C	Z	1.607	1.607	0	%100
135	M117	X	-.844	-.844	0	%100
136	M117	Z	.488	.488	0	%100
137	M118A	X	-.844	-.844	0	%100
138	M118A	Z	.488	.488	0	%100
139	M121	X	-2.204	-2.204	0	%100
140	M121	Z	1.272	1.272	0	%100
141	M124	X	-.844	-.844	0	%100
142	M124	Z	.488	.488	0	%100
143	M125	X	-.844	-.844	0	%100
144	M125	Z	.488	.488	0	%100
145	MP3A	X	-2.784	-2.784	0	%100
146	MP3A	Z	1.607	1.607	0	%100
147	M127B	X	-.844	-.844	0	%100
148	M127B	Z	.488	.488	0	%100
149	M128A	X	-.844	-.844	0	%100
150	M128A	Z	.488	.488	0	%100
151	M131A	X	-1.817	-1.817	0	%100
152	M131A	Z	1.049	1.049	0	%100
153	M134A	X	-.844	-.844	0	%100
154	M134A	Z	.488	.488	0	%100
155	M135A	X	-.844	-.844	0	%100
156	M135A	Z	.488	.488	0	%100
157	MP2C	X	-3.074	-3.074	0	%100
158	MP2C	Z	1.775	1.775	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	-2.204	-2.204	0	%100
164	M147	Z	1.272	1.272	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	-2.784	-2.784	0	%100
170	MP3C	Z	1.607	1.607	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	-1.817	-1.817	0	%100
176	M163	Z	1.049	1.049	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	-3.074	-3.074	0	%100
182	MP2B	Z	1.775	1.775	0	%100
183	M175	X	-.844	-.844	0	%100
184	M175	Z	.488	.488	0	%100
185	M176	X	-.844	-.844	0	%100
186	M176	Z	.488	.488	0	%100
187	M179	X	-2.204	-2.204	0	%100
188	M179	Z	1.272	1.272	0	%100
189	M182	X	-.844	-.844	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,%]
190	M182	Z	.488	.488	0	%100
191	M183	X	-.844	-.844	0	%100
192	M183	Z	.488	.488	0	%100
193	MP3B	X	-2.784	-2.784	0	%100
194	MP3B	Z	1.607	1.607	0	%100
195	M191	X	-.844	-.844	0	%100
196	M191	Z	.488	.488	0	%100
197	M192	X	-.844	-.844	0	%100
198	M192	Z	.488	.488	0	%100
199	M195	X	-1.817	-1.817	0	%100
200	M195	Z	1.049	1.049	0	%100
201	M198	X	-.844	-.844	0	%100
202	M198	Z	.488	.488	0	%100
203	M199	X	-.844	-.844	0	%100
204	M199	Z	.488	.488	0	%100
205	M202	X	-3.077	-3.077	0	%100
206	M202	Z	1.777	1.777	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.552	-4.552	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.552	-4.552	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-4.552	-4.552	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-4.552	-4.552	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-4.513	-4.513	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-4.513	-4.513	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.917	-.917	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.917	-.917	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-2.893	-2.893	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	-3.729	-3.729	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	-3.729	-3.729	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	-.917	-.917	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	-.917	-.917	0	%100
36	M42	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	0	0	0	%100
39	M51	X	-2.893	-2.893	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	-3.135	-3.135	0	%100
42	M52	Z	0	0	0	%100
43	M53	X	-3.135	-3.135	0	%100
44	M53	Z	0	0	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	0	0	0	%100
47	M55	X	-3.135	-3.135	0	%100
48	M55	Z	0	0	0	%100
49	M56	X	-3.135	-3.135	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	-1.318	-1.318	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-1.318	-1.318	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-3.135	-3.135	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-3.135	-3.135	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	-2.322	-2.322	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-3.135	-3.135	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-3.135	-3.135	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	-2.927	-2.927	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	-2.927	-2.927	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-3.135	-3.135	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-3.135	-3.135	0	%100
72	M67	Z	0	0	0	%100
73	M68	X	-2.322	-2.322	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-3.135	-3.135	0	%100
76	M69	Z	0	0	0	%100
77	M70	X	-3.135	-3.135	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	-2.927	-2.927	0	%100
80	M71	Z	0	0	0	%100
81	M72	X	-2.927	-2.927	0	%100
82	M72	Z	0	0	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	0	0	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	0	0	0	%100
87	MP2A	X	-3.549	-3.549	0	%100
88	MP2A	Z	0	0	0	%100
89	MP1C	X	-3.214	-3.214	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	-3.214	-3.214	0	%100
92	MP4B	Z	0	0	0	%100
93	M127	X	-3.899	-3.899	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,%]
94	M127	Z	0	0	0	%100
95	M128	X	-1.191	-1.191	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	-3.848	-3.848	0	%100
98	M129	Z	0	0	0	%100
99	M130	X	-3.848	-3.848	0	%100
100	M130	Z	0	0	0	%100
101	M131	X	-.385	-.385	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	-.385	-.385	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	-.385	-.385	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	-.385	-.385	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	-.385	-.385	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	-.723	-.723	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	-.723	-.723	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	-1.607	-1.607	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	-1.607	-1.607	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	-3.214	-3.214	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4A	X	-3.214	-3.214	0	%100
122	MP4A	Z	0	0	0	%100
123	M105	X	-.723	-.723	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	-.723	-.723	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	-1.607	-1.607	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	-1.607	-1.607	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	-3.214	-3.214	0	%100
132	MP1A	Z	0	0	0	%100
133	MP4C	X	-3.214	-3.214	0	%100
134	MP4C	Z	0	0	0	%100
135	M117	X	-1.3	-1.3	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	-1.3	-1.3	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	-2.544	-2.544	0	%100
140	M121	Z	0	0	0	%100
141	M124	X	-1.3	-1.3	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	-1.3	-1.3	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	-3.214	-3.214	0	%100
146	MP3A	Z	0	0	0	%100
147	M127B	X	-1.3	-1.3	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	-1.3	-1.3	0	%100
150	M128A	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,%]
151	M131A	X	-2.098	-2.098	0	%100
152	M131A	Z	0	0	0	%100
153	M134A	X	-1.3	-1.3	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	-1.3	-1.3	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	-3.549	-3.549	0	%100
158	MP2C	Z	0	0	0	%100
159	M143	X	-.325	-.325	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	-.325	-.325	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	-2.544	-2.544	0	%100
164	M147	Z	0	0	0	%100
165	M150	X	-.325	-.325	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	-.325	-.325	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	-3.214	-3.214	0	%100
170	MP3C	Z	0	0	0	%100
171	M159	X	-.325	-.325	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	-.325	-.325	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	-2.098	-2.098	0	%100
176	M163	Z	0	0	0	%100
177	M166	X	-.325	-.325	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	-.325	-.325	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	-3.549	-3.549	0	%100
182	MP2B	Z	0	0	0	%100
183	M175	X	-.325	-.325	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	-.325	-.325	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	-2.544	-2.544	0	%100
188	M179	Z	0	0	0	%100
189	M182	X	-.325	-.325	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	-.325	-.325	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	-3.214	-3.214	0	%100
194	MP3B	Z	0	0	0	%100
195	M191	X	-.325	-.325	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	-.325	-.325	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	-2.098	-2.098	0	%100
200	M195	Z	0	0	0	%100
201	M198	X	-.325	-.325	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	-.325	-.325	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	-2.665	-2.665	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.314	-1.314	0	%100
2	M1	Z	-.759	-.759	0	%100
3	M2	X	-1.314	-1.314	0	%100
4	M2	Z	-.759	-.759	0	%100
5	M3	X	-1.314	-1.314	0	%100
6	M3	Z	-.759	-.759	0	%100
7	M4	X	-1.314	-1.314	0	%100
8	M4	Z	-.759	-.759	0	%100
9	M5	X	-5.256	-5.256	0	%100
10	M5	Z	-3.034	-3.034	0	%100
11	M6	X	-5.256	-5.256	0	%100
12	M6	Z	-3.034	-3.034	0	%100
13	M7	X	-1.303	-1.303	0	%100
14	M7	Z	-.752	-.752	0	%100
15	M8	X	-1.303	-1.303	0	%100
16	M8	Z	-.752	-.752	0	%100
17	M9	X	-5.211	-5.211	0	%100
18	M9	Z	-3.008	-3.008	0	%100
19	M13	X	-.265	-.265	0	%100
20	M13	Z	-.153	-.153	0	%100
21	M14A	X	-1.059	-1.059	0	%100
22	M14A	Z	-.611	-.611	0	%100
23	M18	X	-.265	-.265	0	%100
24	M18	Z	-.153	-.153	0	%100
25	M22	X	-1.879	-1.879	0	%100
26	M22	Z	-1.085	-1.085	0	%100
27	M25	X	-4.306	-4.306	0	%100
28	M25	Z	-2.486	-2.486	0	%100
29	M26	X	-1.076	-1.076	0	%100
30	M26	Z	-.621	-.621	0	%100
31	M27	X	-1.076	-1.076	0	%100
32	M27	Z	-.621	-.621	0	%100
33	M34	X	-.265	-.265	0	%100
34	M34	Z	-.153	-.153	0	%100
35	M42	X	-1.059	-1.059	0	%100
36	M42	Z	-.611	-.611	0	%100
37	M50	X	-.265	-.265	0	%100
38	M50	Z	-.153	-.153	0	%100
39	M51	X	-1.879	-1.879	0	%100
40	M51	Z	-1.085	-1.085	0	%100
41	M52	X	-2.715	-2.715	0	%100
42	M52	Z	-1.567	-1.567	0	%100
43	M53	X	-2.715	-2.715	0	%100
44	M53	Z	-1.567	-1.567	0	%100
45	M54	X	-.67	-.67	0	%100
46	M54	Z	-.387	-.387	0	%100
47	M55	X	-2.715	-2.715	0	%100
48	M55	Z	-1.567	-1.567	0	%100
49	M56	X	-2.715	-2.715	0	%100
50	M56	Z	-1.567	-1.567	0	%100
51	M57	X	-1.606	-1.606	0	%100
52	M57	Z	-.927	-.927	0	%100
53	M58	X	-1.606	-1.606	0	%100
54	M58	Z	-.927	-.927	0	%100
55	M59	X	-2.715	-2.715	0	%100
56	M59	Z	-1.567	-1.567	0	%100
57	M60	X	-2.715	-2.715	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M60	Z	-1.567	-1.567	0	%100
59	M61	X	-.67	-.67	0	%100
60	M61	Z	-.387	-.387	0	%100
61	M62	X	-2.715	-2.715	0	%100
62	M62	Z	-1.567	-1.567	0	%100
63	M63	X	-2.715	-2.715	0	%100
64	M63	Z	-1.567	-1.567	0	%100
65	M64	X	-1.606	-1.606	0	%100
66	M64	Z	-.927	-.927	0	%100
67	M65	X	-1.606	-1.606	0	%100
68	M65	Z	-.927	-.927	0	%100
69	M66	X	-2.715	-2.715	0	%100
70	M66	Z	-1.567	-1.567	0	%100
71	M67	X	-2.715	-2.715	0	%100
72	M67	Z	-1.567	-1.567	0	%100
73	M68	X	-2.681	-2.681	0	%100
74	M68	Z	-1.548	-1.548	0	%100
75	M69	X	-2.715	-2.715	0	%100
76	M69	Z	-1.567	-1.567	0	%100
77	M70	X	-2.715	-2.715	0	%100
78	M70	Z	-1.567	-1.567	0	%100
79	M71	X	-2.999	-2.999	0	%100
80	M71	Z	-1.731	-1.731	0	%100
81	M72	X	-2.999	-2.999	0	%100
82	M72	Z	-1.731	-1.731	0	%100
83	M73	X	-.464	-.464	0	%100
84	M73	Z	-.268	-.268	0	%100
85	M74	X	-.464	-.464	0	%100
86	M74	Z	-.268	-.268	0	%100
87	MP2A	X	-3.074	-3.074	0	%100
88	MP2A	Z	-1.775	-1.775	0	%100
89	MP1C	X	-2.784	-2.784	0	%100
90	MP1C	Z	-1.607	-1.607	0	%100
91	MP4B	X	-2.784	-2.784	0	%100
92	MP4B	Z	-1.607	-1.607	0	%100
93	M127	X	-4.502	-4.502	0	%100
94	M127	Z	-2.599	-2.599	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	-3.332	-3.332	0	%100
98	M129	Z	-1.924	-1.924	0	%100
99	M130	X	-3.332	-3.332	0	%100
100	M130	Z	-1.924	-1.924	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	-1.879	-1.879	0	%100
112	M95	Z	-1.085	-1.085	0	%100
113	M96A	X	-1.879	-1.879	0	%100
114	M96A	Z	-1.085	-1.085	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,%]
115	M97A	X	-.464	-.464	0	%100
116	M97A	Z	-.268	-.268	0	%100
117	M98A	X	-.464	-.464	0	%100
118	M98A	Z	-.268	-.268	0	%100
119	MP1B	X	-2.784	-2.784	0	%100
120	MP1B	Z	-1.607	-1.607	0	%100
121	MP4A	X	-2.784	-2.784	0	%100
122	MP4A	Z	-1.607	-1.607	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	-1.856	-1.856	0	%100
128	M107A	Z	-1.072	-1.072	0	%100
129	M108A	X	-1.856	-1.856	0	%100
130	M108A	Z	-1.072	-1.072	0	%100
131	MP1A	X	-2.784	-2.784	0	%100
132	MP1A	Z	-1.607	-1.607	0	%100
133	MP4C	X	-2.784	-2.784	0	%100
134	MP4C	Z	-1.607	-1.607	0	%100
135	M117	X	-.844	-.844	0	%100
136	M117	Z	-.488	-.488	0	%100
137	M118A	X	-.844	-.844	0	%100
138	M118A	Z	-.488	-.488	0	%100
139	M121	X	-2.204	-2.204	0	%100
140	M121	Z	-1.272	-1.272	0	%100
141	M124	X	-.844	-.844	0	%100
142	M124	Z	-.488	-.488	0	%100
143	M125	X	-.844	-.844	0	%100
144	M125	Z	-.488	-.488	0	%100
145	MP3A	X	-2.784	-2.784	0	%100
146	MP3A	Z	-1.607	-1.607	0	%100
147	M127B	X	-.844	-.844	0	%100
148	M127B	Z	-.488	-.488	0	%100
149	M128A	X	-.844	-.844	0	%100
150	M128A	Z	-.488	-.488	0	%100
151	M131A	X	-1.817	-1.817	0	%100
152	M131A	Z	-1.049	-1.049	0	%100
153	M134A	X	-.844	-.844	0	%100
154	M134A	Z	-.488	-.488	0	%100
155	M135A	X	-.844	-.844	0	%100
156	M135A	Z	-.488	-.488	0	%100
157	MP2C	X	-3.074	-3.074	0	%100
158	MP2C	Z	-1.775	-1.775	0	%100
159	M143	X	-.844	-.844	0	%100
160	M143	Z	-.488	-.488	0	%100
161	M144	X	-.844	-.844	0	%100
162	M144	Z	-.488	-.488	0	%100
163	M147	X	-2.204	-2.204	0	%100
164	M147	Z	-1.272	-1.272	0	%100
165	M150	X	-.844	-.844	0	%100
166	M150	Z	-.488	-.488	0	%100
167	M151	X	-.844	-.844	0	%100
168	M151	Z	-.488	-.488	0	%100
169	MP3C	X	-2.784	-2.784	0	%100
170	MP3C	Z	-1.607	-1.607	0	%100
171	M159	X	-.844	-.844	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,%]
172	M159	Z	-.488	-.488	0	%100
173	M160	X	-.844	-.844	0	%100
174	M160	Z	-.488	-.488	0	%100
175	M163	X	-1.817	-1.817	0	%100
176	M163	Z	-1.049	-1.049	0	%100
177	M166	X	-.844	-.844	0	%100
178	M166	Z	-.488	-.488	0	%100
179	M167	X	-.844	-.844	0	%100
180	M167	Z	-.488	-.488	0	%100
181	MP2B	X	-3.074	-3.074	0	%100
182	MP2B	Z	-1.775	-1.775	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	-2.204	-2.204	0	%100
188	M179	Z	-1.272	-1.272	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	-2.784	-2.784	0	%100
194	MP3B	Z	-1.607	-1.607	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	-1.817	-1.817	0	%100
200	M195	Z	-1.049	-1.049	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	-.769	-.769	0	%100
206	M202	Z	-.444	-.444	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.276	-2.276	0	%100
2	M1	Z	-3.942	-3.942	0	%100
3	M2	X	-2.276	-2.276	0	%100
4	M2	Z	-3.942	-3.942	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.276	-2.276	0	%100
10	M5	Z	-3.942	-3.942	0	%100
11	M6	X	-2.276	-2.276	0	%100
12	M6	Z	-3.942	-3.942	0	%100
13	M7	X	-2.256	-2.256	0	%100
14	M7	Z	-3.908	-3.908	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.256	-2.256	0	%100
18	M9	Z	-3.908	-3.908	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,%]
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.458	-.458	0	%100
22	M14A	Z	-.794	-.794	0	%100
23	M18	X	-.458	-.458	0	%100
24	M18	Z	-.794	-.794	0	%100
25	M22	X	-.362	-.362	0	%100
26	M22	Z	-.626	-.626	0	%100
27	M25	X	-1.864	-1.864	0	%100
28	M25	Z	-3.229	-3.229	0	%100
29	M26	X	-1.864	-1.864	0	%100
30	M26	Z	-3.229	-3.229	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	-.458	-.458	0	%100
36	M42	Z	-.794	-.794	0	%100
37	M50	X	-.458	-.458	0	%100
38	M50	Z	-.794	-.794	0	%100
39	M51	X	-.362	-.362	0	%100
40	M51	Z	-.626	-.626	0	%100
41	M52	X	-1.567	-1.567	0	%100
42	M52	Z	-2.715	-2.715	0	%100
43	M53	X	-1.567	-1.567	0	%100
44	M53	Z	-2.715	-2.715	0	%100
45	M54	X	-1.161	-1.161	0	%100
46	M54	Z	-2.011	-2.011	0	%100
47	M55	X	-1.567	-1.567	0	%100
48	M55	Z	-2.715	-2.715	0	%100
49	M56	X	-1.567	-1.567	0	%100
50	M56	Z	-2.715	-2.715	0	%100
51	M57	X	-1.463	-1.463	0	%100
52	M57	Z	-2.535	-2.535	0	%100
53	M58	X	-1.463	-1.463	0	%100
54	M58	Z	-2.535	-2.535	0	%100
55	M59	X	-1.567	-1.567	0	%100
56	M59	Z	-2.715	-2.715	0	%100
57	M60	X	-1.567	-1.567	0	%100
58	M60	Z	-2.715	-2.715	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-1.567	-1.567	0	%100
62	M62	Z	-2.715	-2.715	0	%100
63	M63	X	-1.567	-1.567	0	%100
64	M63	Z	-2.715	-2.715	0	%100
65	M64	X	-.659	-.659	0	%100
66	M64	Z	-1.142	-1.142	0	%100
67	M65	X	-.659	-.659	0	%100
68	M65	Z	-1.142	-1.142	0	%100
69	M66	X	-1.567	-1.567	0	%100
70	M66	Z	-2.715	-2.715	0	%100
71	M67	X	-1.567	-1.567	0	%100
72	M67	Z	-2.715	-2.715	0	%100
73	M68	X	-1.161	-1.161	0	%100
74	M68	Z	-2.011	-2.011	0	%100
75	M69	X	-1.567	-1.567	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,%]
76	M69	Z	-2.715	-2.715	0	%100
77	M70	X	-1.567	-1.567	0	%100
78	M70	Z	-2.715	-2.715	0	%100
79	M71	X	-1.463	-1.463	0	%100
80	M71	Z	-2.535	-2.535	0	%100
81	M72	X	-1.463	-1.463	0	%100
82	M72	Z	-2.535	-2.535	0	%100
83	M73	X	-.804	-.804	0	%100
84	M73	Z	-1.392	-1.392	0	%100
85	M74	X	-.804	-.804	0	%100
86	M74	Z	-1.392	-1.392	0	%100
87	MP2A	X	-1.775	-1.775	0	%100
88	MP2A	Z	-3.074	-3.074	0	%100
89	MP1C	X	-1.607	-1.607	0	%100
90	MP1C	Z	-2.784	-2.784	0	%100
91	MP4B	X	-1.607	-1.607	0	%100
92	MP4B	Z	-2.784	-2.784	0	%100
93	M127	X	-1.949	-1.949	0	%100
94	M127	Z	-3.376	-3.376	0	%100
95	M128	X	-.596	-.596	0	%100
96	M128	Z	-1.032	-1.032	0	%100
97	M129	X	-1.924	-1.924	0	%100
98	M129	Z	-3.332	-3.332	0	%100
99	M130	X	-1.924	-1.924	0	%100
100	M130	Z	-3.332	-3.332	0	%100
101	M131	X	-.192	-.192	0	%100
102	M131	Z	-.333	-.333	0	%100
103	M132	X	-.192	-.192	0	%100
104	M132	Z	-.333	-.333	0	%100
105	M133	X	-.192	-.192	0	%100
106	M133	Z	-.333	-.333	0	%100
107	M134	X	-.192	-.192	0	%100
108	M134	Z	-.333	-.333	0	%100
109	M135	X	-.192	-.192	0	%100
110	M135	Z	-.333	-.333	0	%100
111	M95	X	-1.446	-1.446	0	%100
112	M95	Z	-2.505	-2.505	0	%100
113	M96A	X	-1.446	-1.446	0	%100
114	M96A	Z	-2.505	-2.505	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	-1.607	-1.607	0	%100
120	MP1B	Z	-2.784	-2.784	0	%100
121	MP4A	X	-1.607	-1.607	0	%100
122	MP4A	Z	-2.784	-2.784	0	%100
123	M105	X	-.362	-.362	0	%100
124	M105	Z	-.626	-.626	0	%100
125	M106	X	-.362	-.362	0	%100
126	M106	Z	-.626	-.626	0	%100
127	M107A	X	-.804	-.804	0	%100
128	M107A	Z	-1.392	-1.392	0	%100
129	M108A	X	-.804	-.804	0	%100
130	M108A	Z	-1.392	-1.392	0	%100
131	MP1A	X	-1.607	-1.607	0	%100
132	MP1A	Z	-2.784	-2.784	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,%]
133	MP4C	X	-1.607	-1.607	0	%100
134	MP4C	Z	-2.784	-2.784	0	%100
135	M117	X	-.163	-.163	0	%100
136	M117	Z	-.281	-.281	0	%100
137	M118A	X	-.163	-.163	0	%100
138	M118A	Z	-.281	-.281	0	%100
139	M121	X	-1.272	-1.272	0	%100
140	M121	Z	-2.204	-2.204	0	%100
141	M124	X	-.163	-.163	0	%100
142	M124	Z	-.281	-.281	0	%100
143	M125	X	-.163	-.163	0	%100
144	M125	Z	-.281	-.281	0	%100
145	MP3A	X	-1.607	-1.607	0	%100
146	MP3A	Z	-2.784	-2.784	0	%100
147	M127B	X	-.163	-.163	0	%100
148	M127B	Z	-.281	-.281	0	%100
149	M128A	X	-.163	-.163	0	%100
150	M128A	Z	-.281	-.281	0	%100
151	M131A	X	-1.049	-1.049	0	%100
152	M131A	Z	-1.817	-1.817	0	%100
153	M134A	X	-.163	-.163	0	%100
154	M134A	Z	-.281	-.281	0	%100
155	M135A	X	-.163	-.163	0	%100
156	M135A	Z	-.281	-.281	0	%100
157	MP2C	X	-1.775	-1.775	0	%100
158	MP2C	Z	-3.074	-3.074	0	%100
159	M143	X	-.65	-.65	0	%100
160	M143	Z	-1.126	-1.126	0	%100
161	M144	X	-.65	-.65	0	%100
162	M144	Z	-1.126	-1.126	0	%100
163	M147	X	-1.272	-1.272	0	%100
164	M147	Z	-2.204	-2.204	0	%100
165	M150	X	-.65	-.65	0	%100
166	M150	Z	-1.126	-1.126	0	%100
167	M151	X	-.65	-.65	0	%100
168	M151	Z	-1.126	-1.126	0	%100
169	MP3C	X	-1.607	-1.607	0	%100
170	MP3C	Z	-2.784	-2.784	0	%100
171	M159	X	-.65	-.65	0	%100
172	M159	Z	-1.126	-1.126	0	%100
173	M160	X	-.65	-.65	0	%100
174	M160	Z	-1.126	-1.126	0	%100
175	M163	X	-1.049	-1.049	0	%100
176	M163	Z	-1.817	-1.817	0	%100
177	M166	X	-.65	-.65	0	%100
178	M166	Z	-1.126	-1.126	0	%100
179	M167	X	-.65	-.65	0	%100
180	M167	Z	-1.126	-1.126	0	%100
181	MP2B	X	-1.775	-1.775	0	%100
182	MP2B	Z	-3.074	-3.074	0	%100
183	M175	X	-.163	-.163	0	%100
184	M175	Z	-.281	-.281	0	%100
185	M176	X	-.163	-.163	0	%100
186	M176	Z	-.281	-.281	0	%100
187	M179	X	-1.272	-1.272	0	%100
188	M179	Z	-2.204	-2.204	0	%100
189	M182	X	-.163	-.163	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,%]
190	M182	Z	-.281	-.281	0	%100
191	M183	X	-.163	-.163	0	%100
192	M183	Z	-.281	-.281	0	%100
193	MP3B	X	-1.607	-1.607	0	%100
194	MP3B	Z	-2.784	-2.784	0	%100
195	M191	X	-.163	-.163	0	%100
196	M191	Z	-.281	-.281	0	%100
197	M192	X	-.163	-.163	0	%100
198	M192	Z	-.281	-.281	0	%100
199	M195	X	-1.049	-1.049	0	%100
200	M195	Z	-1.817	-1.817	0	%100
201	M198	X	-.163	-.163	0	%100
202	M198	Z	-.281	-.281	0	%100
203	M199	X	-.163	-.163	0	%100
204	M199	Z	-.281	-.281	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.6	-1.6	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.6	-1.6	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.4	-.4	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.4	-.4	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.4	-.4	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.4	-.4	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.581	-1.581	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.395	-.395	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.395	-.395	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.023	-.023	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.023	-.023	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-.09	-.09	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	-.301	-.301	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	-1.205	-1.205	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	-.301	-.301	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	-.023	-.023	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	-.023	-.023	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	-.09	-.09	0	%100
39	M51	X	0	0	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	-.653	-.653	0	%100
43	M53	X	0	0	0	%100
44	M53	Z	-.653	-.653	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	-.644	-.644	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-.653	-.653	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	-.653	-.653	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-.703	-.703	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-.703	-.703	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-.653	-.653	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	-.653	-.653	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.161	-.161	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-.653	-.653	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-.653	-.653	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	-.376	-.376	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-.376	-.376	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-.653	-.653	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-.653	-.653	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-.161	-.161	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-.653	-.653	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	-.653	-.653	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	-.376	-.376	0	%100
81	M72	X	0	0	0	%100
82	M72	Z	-.376	-.376	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	-.377	-.377	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	-.377	-.377	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-.693	-.693	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.572	-.572	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	-.572	-.572	0	%100
93	M127	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,%]
94	M127	Z	-.351	-.351	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	-.974	-.974	0	%100
97	M129	X	0	0	0	%100
98	M129	Z	-.803	-.803	0	%100
99	M130	X	0	0	0	%100
100	M130	Z	-.803	-.803	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	-.126	-.126	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	-.126	-.126	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	-.126	-.126	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	-.126	-.126	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	-.126	-.126	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	-.405	-.405	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	-.405	-.405	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	-.094	-.094	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	-.094	-.094	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-.572	-.572	0	%100
121	MP4A	X	0	0	0	%100
122	MP4A	Z	-.572	-.572	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	-.405	-.405	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	-.405	-.405	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	-.094	-.094	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	-.094	-.094	0	%100
131	MP1A	X	0	0	0	%100
132	MP1A	Z	-.572	-.572	0	%100
133	MP4C	X	0	0	0	%100
134	MP4C	Z	-.572	-.572	0	%100
135	M117	X	0	0	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	0	0	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	0	0	0	%100
140	M121	Z	-.455	-.455	0	%100
141	M124	X	0	0	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	0	0	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	0	0	0	%100
146	MP3A	Z	-.572	-.572	0	%100
147	M127B	X	0	0	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	0	0	0	%100
150	M128A	Z	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,%]
151	M131A	X	0	0	0	%100
152	M131A	Z	-.374	-.374	0	%100
153	M134A	X	0	0	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	0	0	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	0	0	0	%100
158	MP2C	Z	-.693	-.693	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	-.082	-.082	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	-.082	-.082	0	%100
163	M147	X	0	0	0	%100
164	M147	Z	-.455	-.455	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	-.082	-.082	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	-.082	-.082	0	%100
169	MP3C	X	0	0	0	%100
170	MP3C	Z	-.572	-.572	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	-.082	-.082	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	-.082	-.082	0	%100
175	M163	X	0	0	0	%100
176	M163	Z	-.374	-.374	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	-.082	-.082	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	-.082	-.082	0	%100
181	MP2B	X	0	0	0	%100
182	MP2B	Z	-.693	-.693	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	-.082	-.082	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	-.082	-.082	0	%100
187	M179	X	0	0	0	%100
188	M179	Z	-.455	-.455	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	-.082	-.082	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	-.082	-.082	0	%100
193	MP3B	X	0	0	0	%100
194	MP3B	Z	-.572	-.572	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	-.082	-.082	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	-.082	-.082	0	%100
199	M195	X	0	0	0	%100
200	M195	Z	-.374	-.374	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	-.082	-.082	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	-.082	-.082	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	-.215	-.215	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.6	.6	0	%100
2	M1	Z	-1.039	-1.039	0	%100
3	M2	X	.6	.6	0	%100
4	M2	Z	-1.039	-1.039	0	%100
5	M3	X	.6	.6	0	%100
6	M3	Z	-1.039	-1.039	0	%100
7	M4	X	.6	.6	0	%100
8	M4	Z	-1.039	-1.039	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.593	.593	0	%100
14	M7	Z	-1.027	-1.027	0	%100
15	M8	X	.593	.593	0	%100
16	M8	Z	-1.027	-1.027	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.034	.034	0	%100
20	M13	Z	-.059	-.059	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.034	.034	0	%100
24	M18	Z	-.059	-.059	0	%100
25	M22	X	.067	.067	0	%100
26	M22	Z	-.117	-.117	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	.452	.452	0	%100
30	M26	Z	-.783	-.783	0	%100
31	M27	X	.452	.452	0	%100
32	M27	Z	-.783	-.783	0	%100
33	M34	X	.034	.034	0	%100
34	M34	Z	-.059	-.059	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	.034	.034	0	%100
38	M50	Z	-.059	-.059	0	%100
39	M51	X	.067	.067	0	%100
40	M51	Z	-.117	-.117	0	%100
41	M52	X	.326	.326	0	%100
42	M52	Z	-.565	-.565	0	%100
43	M53	X	.326	.326	0	%100
44	M53	Z	-.565	-.565	0	%100
45	M54	X	.242	.242	0	%100
46	M54	Z	-.419	-.419	0	%100
47	M55	X	.326	.326	0	%100
48	M55	Z	-.565	-.565	0	%100
49	M56	X	.326	.326	0	%100
50	M56	Z	-.565	-.565	0	%100
51	M57	X	.297	.297	0	%100
52	M57	Z	-.514	-.514	0	%100
53	M58	X	.297	.297	0	%100
54	M58	Z	-.514	-.514	0	%100
55	M59	X	.326	.326	0	%100
56	M59	Z	-.565	-.565	0	%100
57	M60	X	.326	.326	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,%]
58	M60	Z	-.565	-.565	0	%100
59	M61	X	.242	.242	0	%100
60	M61	Z	-.419	-.419	0	%100
61	M62	X	.326	.326	0	%100
62	M62	Z	-.565	-.565	0	%100
63	M63	X	.326	.326	0	%100
64	M63	Z	-.565	-.565	0	%100
65	M64	X	.297	.297	0	%100
66	M64	Z	-.514	-.514	0	%100
67	M65	X	.297	.297	0	%100
68	M65	Z	-.514	-.514	0	%100
69	M66	X	.326	.326	0	%100
70	M66	Z	-.565	-.565	0	%100
71	M67	X	.326	.326	0	%100
72	M67	Z	-.565	-.565	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.326	.326	0	%100
76	M69	Z	-.565	-.565	0	%100
77	M70	X	.326	.326	0	%100
78	M70	Z	-.565	-.565	0	%100
79	M71	X	.134	.134	0	%100
80	M71	Z	-.232	-.232	0	%100
81	M72	X	.134	.134	0	%100
82	M72	Z	-.232	-.232	0	%100
83	M73	X	.141	.141	0	%100
84	M73	Z	-.245	-.245	0	%100
85	M74	X	.141	.141	0	%100
86	M74	Z	-.245	-.245	0	%100
87	MP2A	X	.346	.346	0	%100
88	MP2A	Z	-.6	-.6	0	%100
89	MP1C	X	.286	.286	0	%100
90	MP1C	Z	-.496	-.496	0	%100
91	MP4B	X	.286	.286	0	%100
92	MP4B	Z	-.496	-.496	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	.649	.649	0	%100
96	M128	Z	-1.125	-1.125	0	%100
97	M129	X	.402	.402	0	%100
98	M129	Z	-.696	-.696	0	%100
99	M130	X	.402	.402	0	%100
100	M130	Z	-.696	-.696	0	%100
101	M131	X	.084	.084	0	%100
102	M131	Z	-.146	-.146	0	%100
103	M132	X	.084	.084	0	%100
104	M132	Z	-.146	-.146	0	%100
105	M133	X	.084	.084	0	%100
106	M133	Z	-.146	-.146	0	%100
107	M134	X	.084	.084	0	%100
108	M134	Z	-.146	-.146	0	%100
109	M135	X	.084	.084	0	%100
110	M135	Z	-.146	-.146	0	%100
111	M95	X	.067	.067	0	%100
112	M95	Z	-.117	-.117	0	%100
113	M96A	X	.067	.067	0	%100
114	M96A	Z	-.117	-.117	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,%]
115	M97A	X	.141	.141	0	%100
116	M97A	Z	-.245	-.245	0	%100
117	M98A	X	.141	.141	0	%100
118	M98A	Z	-.245	-.245	0	%100
119	MP1B	X	.286	.286	0	%100
120	MP1B	Z	-.496	-.496	0	%100
121	MP4A	X	.286	.286	0	%100
122	MP4A	Z	-.496	-.496	0	%100
123	M105	X	.27	.27	0	%100
124	M105	Z	-.468	-.468	0	%100
125	M106	X	.27	.27	0	%100
126	M106	Z	-.468	-.468	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	.286	.286	0	%100
132	MP1A	Z	-.496	-.496	0	%100
133	MP4C	X	.286	.286	0	%100
134	MP4C	Z	-.496	-.496	0	%100
135	M117	X	.014	.014	0	%100
136	M117	Z	-.024	-.024	0	%100
137	M118A	X	.014	.014	0	%100
138	M118A	Z	-.024	-.024	0	%100
139	M121	X	.227	.227	0	%100
140	M121	Z	-.394	-.394	0	%100
141	M124	X	.014	.014	0	%100
142	M124	Z	-.024	-.024	0	%100
143	M125	X	.014	.014	0	%100
144	M125	Z	-.024	-.024	0	%100
145	MP3A	X	.286	.286	0	%100
146	MP3A	Z	-.496	-.496	0	%100
147	M127B	X	.014	.014	0	%100
148	M127B	Z	-.024	-.024	0	%100
149	M128A	X	.014	.014	0	%100
150	M128A	Z	-.024	-.024	0	%100
151	M131A	X	.187	.187	0	%100
152	M131A	Z	-.324	-.324	0	%100
153	M134A	X	.014	.014	0	%100
154	M134A	Z	-.024	-.024	0	%100
155	M135A	X	.014	.014	0	%100
156	M135A	Z	-.024	-.024	0	%100
157	MP2C	X	.346	.346	0	%100
158	MP2C	Z	-.6	-.6	0	%100
159	M143	X	.014	.014	0	%100
160	M143	Z	-.024	-.024	0	%100
161	M144	X	.014	.014	0	%100
162	M144	Z	-.024	-.024	0	%100
163	M147	X	.227	.227	0	%100
164	M147	Z	-.394	-.394	0	%100
165	M150	X	.014	.014	0	%100
166	M150	Z	-.024	-.024	0	%100
167	M151	X	.014	.014	0	%100
168	M151	Z	-.024	-.024	0	%100
169	MP3C	X	.286	.286	0	%100
170	MP3C	Z	-.496	-.496	0	%100
171	M159	X	.014	.014	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,%]
172	M159	Z	-.024	-.024	0	%100
173	M160	X	.014	.014	0	%100
174	M160	Z	-.024	-.024	0	%100
175	M163	X	.187	.187	0	%100
176	M163	Z	-.324	-.324	0	%100
177	M166	X	.014	.014	0	%100
178	M166	Z	-.024	-.024	0	%100
179	M167	X	.014	.014	0	%100
180	M167	Z	-.024	-.024	0	%100
181	MP2B	X	.346	.346	0	%100
182	MP2B	Z	-.6	-.6	0	%100
183	M175	X	.055	.055	0	%100
184	M175	Z	-.095	-.095	0	%100
185	M176	X	.055	.055	0	%100
186	M176	Z	-.095	-.095	0	%100
187	M179	X	.227	.227	0	%100
188	M179	Z	-.394	-.394	0	%100
189	M182	X	.055	.055	0	%100
190	M182	Z	-.095	-.095	0	%100
191	M183	X	.055	.055	0	%100
192	M183	Z	-.095	-.095	0	%100
193	MP3B	X	.286	.286	0	%100
194	MP3B	Z	-.496	-.496	0	%100
195	M191	X	.055	.055	0	%100
196	M191	Z	-.095	-.095	0	%100
197	M192	X	.055	.055	0	%100
198	M192	Z	-.095	-.095	0	%100
199	M195	X	.187	.187	0	%100
200	M195	Z	-.324	-.324	0	%100
201	M198	X	.055	.055	0	%100
202	M198	Z	-.095	-.095	0	%100
203	M199	X	.055	.055	0	%100
204	M199	Z	-.095	-.095	0	%100
205	M202	X	.323	.323	0	%100
206	M202	Z	-.559	-.559	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.346	.346	0	%100
2	M1	Z	-.2	-.2	0	%100
3	M2	X	.346	.346	0	%100
4	M2	Z	-.2	-.2	0	%100
5	M3	X	1.386	1.386	0	%100
6	M3	Z	-.8	-.8	0	%100
7	M4	X	1.386	1.386	0	%100
8	M4	Z	-.8	-.8	0	%100
9	M5	X	.346	.346	0	%100
10	M5	Z	-.2	-.2	0	%100
11	M6	X	.346	.346	0	%100
12	M6	Z	-.2	-.2	0	%100
13	M7	X	.342	.342	0	%100
14	M7	Z	-.198	-.198	0	%100
15	M8	X	1.369	1.369	0	%100
16	M8	Z	-.791	-.791	0	%100
17	M9	X	.342	.342	0	%100
18	M9	Z	-.198	-.198	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,%]
19	M13	X	.078	.078	0	%100
20	M13	Z	-.045	-.045	0	%100
21	M14A	X	.02	.02	0	%100
22	M14A	Z	-.011	-.011	0	%100
23	M18	X	.02	.02	0	%100
24	M18	Z	-.011	-.011	0	%100
25	M22	X	.351	.351	0	%100
26	M22	Z	-.202	-.202	0	%100
27	M25	X	.261	.261	0	%100
28	M25	Z	-.151	-.151	0	%100
29	M26	X	.261	.261	0	%100
30	M26	Z	-.151	-.151	0	%100
31	M27	X	1.044	1.044	0	%100
32	M27	Z	-.603	-.603	0	%100
33	M34	X	.078	.078	0	%100
34	M34	Z	-.045	-.045	0	%100
35	M42	X	.02	.02	0	%100
36	M42	Z	-.011	-.011	0	%100
37	M50	X	.02	.02	0	%100
38	M50	Z	-.011	-.011	0	%100
39	M51	X	.351	.351	0	%100
40	M51	Z	-.202	-.202	0	%100
41	M52	X	.565	.565	0	%100
42	M52	Z	-.326	-.326	0	%100
43	M53	X	.565	.565	0	%100
44	M53	Z	-.326	-.326	0	%100
45	M54	X	.14	.14	0	%100
46	M54	Z	-.081	-.081	0	%100
47	M55	X	.565	.565	0	%100
48	M55	Z	-.326	-.326	0	%100
49	M56	X	.565	.565	0	%100
50	M56	Z	-.326	-.326	0	%100
51	M57	X	.326	.326	0	%100
52	M57	Z	-.188	-.188	0	%100
53	M58	X	.326	.326	0	%100
54	M58	Z	-.188	-.188	0	%100
55	M59	X	.565	.565	0	%100
56	M59	Z	-.326	-.326	0	%100
57	M60	X	.565	.565	0	%100
58	M60	Z	-.326	-.326	0	%100
59	M61	X	.558	.558	0	%100
60	M61	Z	-.322	-.322	0	%100
61	M62	X	.565	.565	0	%100
62	M62	Z	-.326	-.326	0	%100
63	M63	X	.565	.565	0	%100
64	M63	Z	-.326	-.326	0	%100
65	M64	X	.609	.609	0	%100
66	M64	Z	-.351	-.351	0	%100
67	M65	X	.609	.609	0	%100
68	M65	Z	-.351	-.351	0	%100
69	M66	X	.565	.565	0	%100
70	M66	Z	-.326	-.326	0	%100
71	M67	X	.565	.565	0	%100
72	M67	Z	-.326	-.326	0	%100
73	M68	X	.14	.14	0	%100
74	M68	Z	-.081	-.081	0	%100
75	M69	X	.565	.565	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,%]
76	M69	Z	-.326	-.326	0	%100
77	M70	X	.565	.565	0	%100
78	M70	Z	-.326	-.326	0	%100
79	M71	X	.326	.326	0	%100
80	M71	Z	-.188	-.188	0	%100
81	M72	X	.326	.326	0	%100
82	M72	Z	-.188	-.188	0	%100
83	M73	X	.082	.082	0	%100
84	M73	Z	-.047	-.047	0	%100
85	M74	X	.082	.082	0	%100
86	M74	Z	-.047	-.047	0	%100
87	MP2A	X	.6	.6	0	%100
88	MP2A	Z	-.346	-.346	0	%100
89	MP1C	X	.496	.496	0	%100
90	MP1C	Z	-.286	-.286	0	%100
91	MP4B	X	.496	.496	0	%100
92	MP4B	Z	-.286	-.286	0	%100
93	M127	X	.304	.304	0	%100
94	M127	Z	-.175	-.175	0	%100
95	M128	X	.844	.844	0	%100
96	M128	Z	-.487	-.487	0	%100
97	M129	X	.696	.696	0	%100
98	M129	Z	-.402	-.402	0	%100
99	M130	X	.696	.696	0	%100
100	M130	Z	-.402	-.402	0	%100
101	M131	X	.109	.109	0	%100
102	M131	Z	-.063	-.063	0	%100
103	M132	X	.109	.109	0	%100
104	M132	Z	-.063	-.063	0	%100
105	M133	X	.109	.109	0	%100
106	M133	Z	-.063	-.063	0	%100
107	M134	X	.109	.109	0	%100
108	M134	Z	-.063	-.063	0	%100
109	M135	X	.109	.109	0	%100
110	M135	Z	-.063	-.063	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	.327	.327	0	%100
116	M97A	Z	-.189	-.189	0	%100
117	M98A	X	.327	.327	0	%100
118	M98A	Z	-.189	-.189	0	%100
119	MP1B	X	.496	.496	0	%100
120	MP1B	Z	-.286	-.286	0	%100
121	MP4A	X	.496	.496	0	%100
122	MP4A	Z	-.286	-.286	0	%100
123	M105	X	.351	.351	0	%100
124	M105	Z	-.202	-.202	0	%100
125	M106	X	.351	.351	0	%100
126	M106	Z	-.202	-.202	0	%100
127	M107A	X	.082	.082	0	%100
128	M107A	Z	-.047	-.047	0	%100
129	M108A	X	.082	.082	0	%100
130	M108A	Z	-.047	-.047	0	%100
131	MP1A	X	.496	.496	0	%100
132	MP1A	Z	-.286	-.286	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,%]
133	MP4C	X	.496	.496	0	%100
134	MP4C	Z	-.286	-.286	0	%100
135	M117	X	.071	.071	0	%100
136	M117	Z	-.041	-.041	0	%100
137	M118A	X	.071	.071	0	%100
138	M118A	Z	-.041	-.041	0	%100
139	M121	X	.394	.394	0	%100
140	M121	Z	-.227	-.227	0	%100
141	M124	X	.071	.071	0	%100
142	M124	Z	-.041	-.041	0	%100
143	M125	X	.071	.071	0	%100
144	M125	Z	-.041	-.041	0	%100
145	MP3A	X	.496	.496	0	%100
146	MP3A	Z	-.286	-.286	0	%100
147	M127B	X	.071	.071	0	%100
148	M127B	Z	-.041	-.041	0	%100
149	M128A	X	.071	.071	0	%100
150	M128A	Z	-.041	-.041	0	%100
151	M131A	X	.324	.324	0	%100
152	M131A	Z	-.187	-.187	0	%100
153	M134A	X	.071	.071	0	%100
154	M134A	Z	-.041	-.041	0	%100
155	M135A	X	.071	.071	0	%100
156	M135A	Z	-.041	-.041	0	%100
157	MP2C	X	.6	.6	0	%100
158	MP2C	Z	-.346	-.346	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	.394	.394	0	%100
164	M147	Z	-.227	-.227	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	.496	.496	0	%100
170	MP3C	Z	-.286	-.286	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	.324	.324	0	%100
176	M163	Z	-.187	-.187	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	.6	.6	0	%100
182	MP2B	Z	-.346	-.346	0	%100
183	M175	X	.071	.071	0	%100
184	M175	Z	-.041	-.041	0	%100
185	M176	X	.071	.071	0	%100
186	M176	Z	-.041	-.041	0	%100
187	M179	X	.394	.394	0	%100
188	M179	Z	-.227	-.227	0	%100
189	M182	X	.071	.071	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,%]
190	M182	Z	-.041	-.041	0	%100
191	M183	X	.071	.071	0	%100
192	M183	Z	-.041	-.041	0	%100
193	MP3B	X	.496	.496	0	%100
194	MP3B	Z	-.286	-.286	0	%100
195	M191	X	.071	.071	0	%100
196	M191	Z	-.041	-.041	0	%100
197	M192	X	.071	.071	0	%100
198	M192	Z	-.041	-.041	0	%100
199	M195	X	.324	.324	0	%100
200	M195	Z	-.187	-.187	0	%100
201	M198	X	.071	.071	0	%100
202	M198	Z	-.041	-.041	0	%100
203	M199	X	.071	.071	0	%100
204	M199	Z	-.041	-.041	0	%100
205	M202	X	.745	.745	0	%100
206	M202	Z	-.43	-.43	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.2	1.2	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.2	1.2	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.2	1.2	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.2	1.2	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.186	1.186	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.186	1.186	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.068	.068	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.068	.068	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	.54	.54	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	.904	.904	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	.904	.904	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	.068	.068	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	.068	.068	0	%100
36	M42	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	0	0	0	%100
39	M51	X	.54	.54	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	.653	.653	0	%100
42	M52	Z	0	0	0	%100
43	M53	X	.653	.653	0	%100
44	M53	Z	0	0	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	0	0	0	%100
47	M55	X	.653	.653	0	%100
48	M55	Z	0	0	0	%100
49	M56	X	.653	.653	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	.268	.268	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	.268	.268	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	.653	.653	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	.653	.653	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	.483	.483	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	.653	.653	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.653	.653	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	.594	.594	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	.594	.594	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	.653	.653	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	.653	.653	0	%100
72	M67	Z	0	0	0	%100
73	M68	X	.483	.483	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.653	.653	0	%100
76	M69	Z	0	0	0	%100
77	M70	X	.653	.653	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	.594	.594	0	%100
80	M71	Z	0	0	0	%100
81	M72	X	.594	.594	0	%100
82	M72	Z	0	0	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	0	0	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	0	0	0	%100
87	MP2A	X	.693	.693	0	%100
88	MP2A	Z	0	0	0	%100
89	MP1C	X	.572	.572	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	.572	.572	0	%100
92	MP4B	Z	0	0	0	%100
93	M127	X	1.052	1.052	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,%]
94	M127	Z	0	0	0	%100
95	M128	X	.325	.325	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	.803	.803	0	%100
98	M129	Z	0	0	0	%100
99	M130	X	.803	.803	0	%100
100	M130	Z	0	0	0	%100
101	M131	X	.042	.042	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	.042	.042	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	.042	.042	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	.042	.042	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	.042	.042	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	.135	.135	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	.135	.135	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	.283	.283	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	.283	.283	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	.572	.572	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4A	X	.572	.572	0	%100
122	MP4A	Z	0	0	0	%100
123	M105	X	.135	.135	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	.135	.135	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	.283	.283	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	.283	.283	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	.572	.572	0	%100
132	MP1A	Z	0	0	0	%100
133	MP4C	X	.572	.572	0	%100
134	MP4C	Z	0	0	0	%100
135	M117	X	.109	.109	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	.109	.109	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	.455	.455	0	%100
140	M121	Z	0	0	0	%100
141	M124	X	.109	.109	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	.109	.109	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	.572	.572	0	%100
146	MP3A	Z	0	0	0	%100
147	M127B	X	.109	.109	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	.109	.109	0	%100
150	M128A	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,%]
151	M131A	X	.374	.374	0	%100
152	M131A	Z	0	0	0	%100
153	M134A	X	.109	.109	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	.109	.109	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	.693	.693	0	%100
158	MP2C	Z	0	0	0	%100
159	M143	X	.027	.027	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	.027	.027	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	.455	.455	0	%100
164	M147	Z	0	0	0	%100
165	M150	X	.027	.027	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	.027	.027	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	.572	.572	0	%100
170	MP3C	Z	0	0	0	%100
171	M159	X	.027	.027	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	.027	.027	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	.374	.374	0	%100
176	M163	Z	0	0	0	%100
177	M166	X	.027	.027	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	.027	.027	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	.693	.693	0	%100
182	MP2B	Z	0	0	0	%100
183	M175	X	.027	.027	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	.027	.027	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	.455	.455	0	%100
188	M179	Z	0	0	0	%100
189	M182	X	.027	.027	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	.027	.027	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	.572	.572	0	%100
194	MP3B	Z	0	0	0	%100
195	M191	X	.027	.027	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	.027	.027	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	.374	.374	0	%100
200	M195	Z	0	0	0	%100
201	M198	X	.027	.027	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	.027	.027	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	.645	.645	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.346	.346	0	%100
2	M1	Z	.2	.2	0	%100
3	M2	X	.346	.346	0	%100
4	M2	Z	.2	.2	0	%100
5	M3	X	.346	.346	0	%100
6	M3	Z	.2	.2	0	%100
7	M4	X	.346	.346	0	%100
8	M4	Z	.2	.2	0	%100
9	M5	X	1.386	1.386	0	%100
10	M5	Z	.8	.8	0	%100
11	M6	X	1.386	1.386	0	%100
12	M6	Z	.8	.8	0	%100
13	M7	X	.342	.342	0	%100
14	M7	Z	.198	.198	0	%100
15	M8	X	.342	.342	0	%100
16	M8	Z	.198	.198	0	%100
17	M9	X	1.369	1.369	0	%100
18	M9	Z	.791	.791	0	%100
19	M13	X	.02	.02	0	%100
20	M13	Z	.011	.011	0	%100
21	M14A	X	.078	.078	0	%100
22	M14A	Z	.045	.045	0	%100
23	M18	X	.02	.02	0	%100
24	M18	Z	.011	.011	0	%100
25	M22	X	.351	.351	0	%100
26	M22	Z	.202	.202	0	%100
27	M25	X	1.044	1.044	0	%100
28	M25	Z	.603	.603	0	%100
29	M26	X	.261	.261	0	%100
30	M26	Z	.151	.151	0	%100
31	M27	X	.261	.261	0	%100
32	M27	Z	.151	.151	0	%100
33	M34	X	.02	.02	0	%100
34	M34	Z	.011	.011	0	%100
35	M42	X	.078	.078	0	%100
36	M42	Z	.045	.045	0	%100
37	M50	X	.02	.02	0	%100
38	M50	Z	.011	.011	0	%100
39	M51	X	.351	.351	0	%100
40	M51	Z	.202	.202	0	%100
41	M52	X	.565	.565	0	%100
42	M52	Z	.326	.326	0	%100
43	M53	X	.565	.565	0	%100
44	M53	Z	.326	.326	0	%100
45	M54	X	.14	.14	0	%100
46	M54	Z	.081	.081	0	%100
47	M55	X	.565	.565	0	%100
48	M55	Z	.326	.326	0	%100
49	M56	X	.565	.565	0	%100
50	M56	Z	.326	.326	0	%100
51	M57	X	.326	.326	0	%100
52	M57	Z	.188	.188	0	%100
53	M58	X	.326	.326	0	%100
54	M58	Z	.188	.188	0	%100
55	M59	X	.565	.565	0	%100
56	M59	Z	.326	.326	0	%100
57	M60	X	.565	.565	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,%]
58	M60	Z	.326	.326	0	%100
59	M61	X	.14	.14	0	%100
60	M61	Z	.081	.081	0	%100
61	M62	X	.565	.565	0	%100
62	M62	Z	.326	.326	0	%100
63	M63	X	.565	.565	0	%100
64	M63	Z	.326	.326	0	%100
65	M64	X	.326	.326	0	%100
66	M64	Z	.188	.188	0	%100
67	M65	X	.326	.326	0	%100
68	M65	Z	.188	.188	0	%100
69	M66	X	.565	.565	0	%100
70	M66	Z	.326	.326	0	%100
71	M67	X	.565	.565	0	%100
72	M67	Z	.326	.326	0	%100
73	M68	X	.558	.558	0	%100
74	M68	Z	.322	.322	0	%100
75	M69	X	.565	.565	0	%100
76	M69	Z	.326	.326	0	%100
77	M70	X	.565	.565	0	%100
78	M70	Z	.326	.326	0	%100
79	M71	X	.609	.609	0	%100
80	M71	Z	.351	.351	0	%100
81	M72	X	.609	.609	0	%100
82	M72	Z	.351	.351	0	%100
83	M73	X	.082	.082	0	%100
84	M73	Z	.047	.047	0	%100
85	M74	X	.082	.082	0	%100
86	M74	Z	.047	.047	0	%100
87	MP2A	X	.6	.6	0	%100
88	MP2A	Z	.346	.346	0	%100
89	MP1C	X	.496	.496	0	%100
90	MP1C	Z	.286	.286	0	%100
91	MP4B	X	.496	.496	0	%100
92	MP4B	Z	.286	.286	0	%100
93	M127	X	1.215	1.215	0	%100
94	M127	Z	.701	.701	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	.696	.696	0	%100
98	M129	Z	.402	.402	0	%100
99	M130	X	.696	.696	0	%100
100	M130	Z	.402	.402	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	.351	.351	0	%100
112	M95	Z	.202	.202	0	%100
113	M96A	X	.351	.351	0	%100
114	M96A	Z	.202	.202	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,%]
115	M97A	X	.082	.082	0	%100
116	M97A	Z	.047	.047	0	%100
117	M98A	X	.082	.082	0	%100
118	M98A	Z	.047	.047	0	%100
119	MP1B	X	.496	.496	0	%100
120	MP1B	Z	.286	.286	0	%100
121	MP4A	X	.496	.496	0	%100
122	MP4A	Z	.286	.286	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	.327	.327	0	%100
128	M107A	Z	.189	.189	0	%100
129	M108A	X	.327	.327	0	%100
130	M108A	Z	.189	.189	0	%100
131	MP1A	X	.496	.496	0	%100
132	MP1A	Z	.286	.286	0	%100
133	MP4C	X	.496	.496	0	%100
134	MP4C	Z	.286	.286	0	%100
135	M117	X	.071	.071	0	%100
136	M117	Z	.041	.041	0	%100
137	M118A	X	.071	.071	0	%100
138	M118A	Z	.041	.041	0	%100
139	M121	X	.394	.394	0	%100
140	M121	Z	.227	.227	0	%100
141	M124	X	.071	.071	0	%100
142	M124	Z	.041	.041	0	%100
143	M125	X	.071	.071	0	%100
144	M125	Z	.041	.041	0	%100
145	MP3A	X	.496	.496	0	%100
146	MP3A	Z	.286	.286	0	%100
147	M127B	X	.071	.071	0	%100
148	M127B	Z	.041	.041	0	%100
149	M128A	X	.071	.071	0	%100
150	M128A	Z	.041	.041	0	%100
151	M131A	X	.324	.324	0	%100
152	M131A	Z	.187	.187	0	%100
153	M134A	X	.071	.071	0	%100
154	M134A	Z	.041	.041	0	%100
155	M135A	X	.071	.071	0	%100
156	M135A	Z	.041	.041	0	%100
157	MP2C	X	.6	.6	0	%100
158	MP2C	Z	.346	.346	0	%100
159	M143	X	.071	.071	0	%100
160	M143	Z	.041	.041	0	%100
161	M144	X	.071	.071	0	%100
162	M144	Z	.041	.041	0	%100
163	M147	X	.394	.394	0	%100
164	M147	Z	.227	.227	0	%100
165	M150	X	.071	.071	0	%100
166	M150	Z	.041	.041	0	%100
167	M151	X	.071	.071	0	%100
168	M151	Z	.041	.041	0	%100
169	MP3C	X	.496	.496	0	%100
170	MP3C	Z	.286	.286	0	%100
171	M159	X	.071	.071	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,%]
172	M159	Z	.041	.041	0	%100
173	M160	X	.071	.071	0	%100
174	M160	Z	.041	.041	0	%100
175	M163	X	.324	.324	0	%100
176	M163	Z	.187	.187	0	%100
177	M166	X	.071	.071	0	%100
178	M166	Z	.041	.041	0	%100
179	M167	X	.071	.071	0	%100
180	M167	Z	.041	.041	0	%100
181	MP2B	X	.6	.6	0	%100
182	MP2B	Z	.346	.346	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	.394	.394	0	%100
188	M179	Z	.227	.227	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	.496	.496	0	%100
194	MP3B	Z	.286	.286	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	.324	.324	0	%100
200	M195	Z	.187	.187	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	.186	.186	0	%100
206	M202	Z	.108	.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.6	.6	0	%100
2	M1	Z	1.039	1.039	0	%100
3	M2	X	.6	.6	0	%100
4	M2	Z	1.039	1.039	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.6	.6	0	%100
10	M5	Z	1.039	1.039	0	%100
11	M6	X	.6	.6	0	%100
12	M6	Z	1.039	1.039	0	%100
13	M7	X	.593	.593	0	%100
14	M7	Z	1.027	1.027	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.593	.593	0	%100
18	M9	Z	1.027	1.027	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,%]
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.034	.034	0	%100
22	M14A	Z	.059	.059	0	%100
23	M18	X	.034	.034	0	%100
24	M18	Z	.059	.059	0	%100
25	M22	X	.067	.067	0	%100
26	M22	Z	.117	.117	0	%100
27	M25	X	.452	.452	0	%100
28	M25	Z	.783	.783	0	%100
29	M26	X	.452	.452	0	%100
30	M26	Z	.783	.783	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	.034	.034	0	%100
36	M42	Z	.059	.059	0	%100
37	M50	X	.034	.034	0	%100
38	M50	Z	.059	.059	0	%100
39	M51	X	.067	.067	0	%100
40	M51	Z	.117	.117	0	%100
41	M52	X	.326	.326	0	%100
42	M52	Z	.565	.565	0	%100
43	M53	X	.326	.326	0	%100
44	M53	Z	.565	.565	0	%100
45	M54	X	.242	.242	0	%100
46	M54	Z	.419	.419	0	%100
47	M55	X	.326	.326	0	%100
48	M55	Z	.565	.565	0	%100
49	M56	X	.326	.326	0	%100
50	M56	Z	.565	.565	0	%100
51	M57	X	.297	.297	0	%100
52	M57	Z	.514	.514	0	%100
53	M58	X	.297	.297	0	%100
54	M58	Z	.514	.514	0	%100
55	M59	X	.326	.326	0	%100
56	M59	Z	.565	.565	0	%100
57	M60	X	.326	.326	0	%100
58	M60	Z	.565	.565	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	.326	.326	0	%100
62	M62	Z	.565	.565	0	%100
63	M63	X	.326	.326	0	%100
64	M63	Z	.565	.565	0	%100
65	M64	X	.134	.134	0	%100
66	M64	Z	.232	.232	0	%100
67	M65	X	.134	.134	0	%100
68	M65	Z	.232	.232	0	%100
69	M66	X	.326	.326	0	%100
70	M66	Z	.565	.565	0	%100
71	M67	X	.326	.326	0	%100
72	M67	Z	.565	.565	0	%100
73	M68	X	.242	.242	0	%100
74	M68	Z	.419	.419	0	%100
75	M69	X	.326	.326	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,%]
76	M69	Z	.565	.565	0	%100
77	M70	X	.326	.326	0	%100
78	M70	Z	.565	.565	0	%100
79	M71	X	.297	.297	0	%100
80	M71	Z	.514	.514	0	%100
81	M72	X	.297	.297	0	%100
82	M72	Z	.514	.514	0	%100
83	M73	X	.141	.141	0	%100
84	M73	Z	.245	.245	0	%100
85	M74	X	.141	.141	0	%100
86	M74	Z	.245	.245	0	%100
87	MP2A	X	.346	.346	0	%100
88	MP2A	Z	.6	.6	0	%100
89	MP1C	X	.286	.286	0	%100
90	MP1C	Z	.496	.496	0	%100
91	MP4B	X	.286	.286	0	%100
92	MP4B	Z	.496	.496	0	%100
93	M127	X	.526	.526	0	%100
94	M127	Z	.911	.911	0	%100
95	M128	X	.162	.162	0	%100
96	M128	Z	.281	.281	0	%100
97	M129	X	.402	.402	0	%100
98	M129	Z	.696	.696	0	%100
99	M130	X	.402	.402	0	%100
100	M130	Z	.696	.696	0	%100
101	M131	X	.021	.021	0	%100
102	M131	Z	.036	.036	0	%100
103	M132	X	.021	.021	0	%100
104	M132	Z	.036	.036	0	%100
105	M133	X	.021	.021	0	%100
106	M133	Z	.036	.036	0	%100
107	M134	X	.021	.021	0	%100
108	M134	Z	.036	.036	0	%100
109	M135	X	.021	.021	0	%100
110	M135	Z	.036	.036	0	%100
111	M95	X	.27	.27	0	%100
112	M95	Z	.468	.468	0	%100
113	M96A	X	.27	.27	0	%100
114	M96A	Z	.468	.468	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	.286	.286	0	%100
120	MP1B	Z	.496	.496	0	%100
121	MP4A	X	.286	.286	0	%100
122	MP4A	Z	.496	.496	0	%100
123	M105	X	.067	.067	0	%100
124	M105	Z	.117	.117	0	%100
125	M106	X	.067	.067	0	%100
126	M106	Z	.117	.117	0	%100
127	M107A	X	.141	.141	0	%100
128	M107A	Z	.245	.245	0	%100
129	M108A	X	.141	.141	0	%100
130	M108A	Z	.245	.245	0	%100
131	MP1A	X	.286	.286	0	%100
132	MP1A	Z	.496	.496	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,%]
133	MP4C	X	.286	.286	0	%100
134	MP4C	Z	.496	.496	0	%100
135	M117	X	.014	.014	0	%100
136	M117	Z	.024	.024	0	%100
137	M118A	X	.014	.014	0	%100
138	M118A	Z	.024	.024	0	%100
139	M121	X	.227	.227	0	%100
140	M121	Z	.394	.394	0	%100
141	M124	X	.014	.014	0	%100
142	M124	Z	.024	.024	0	%100
143	M125	X	.014	.014	0	%100
144	M125	Z	.024	.024	0	%100
145	MP3A	X	.286	.286	0	%100
146	MP3A	Z	.496	.496	0	%100
147	M127B	X	.014	.014	0	%100
148	M127B	Z	.024	.024	0	%100
149	M128A	X	.014	.014	0	%100
150	M128A	Z	.024	.024	0	%100
151	M131A	X	.187	.187	0	%100
152	M131A	Z	.324	.324	0	%100
153	M134A	X	.014	.014	0	%100
154	M134A	Z	.024	.024	0	%100
155	M135A	X	.014	.014	0	%100
156	M135A	Z	.024	.024	0	%100
157	MP2C	X	.346	.346	0	%100
158	MP2C	Z	.6	.6	0	%100
159	M143	X	.055	.055	0	%100
160	M143	Z	.095	.095	0	%100
161	M144	X	.055	.055	0	%100
162	M144	Z	.095	.095	0	%100
163	M147	X	.227	.227	0	%100
164	M147	Z	.394	.394	0	%100
165	M150	X	.055	.055	0	%100
166	M150	Z	.095	.095	0	%100
167	M151	X	.055	.055	0	%100
168	M151	Z	.095	.095	0	%100
169	MP3C	X	.286	.286	0	%100
170	MP3C	Z	.496	.496	0	%100
171	M159	X	.055	.055	0	%100
172	M159	Z	.095	.095	0	%100
173	M160	X	.055	.055	0	%100
174	M160	Z	.095	.095	0	%100
175	M163	X	.187	.187	0	%100
176	M163	Z	.324	.324	0	%100
177	M166	X	.055	.055	0	%100
178	M166	Z	.095	.095	0	%100
179	M167	X	.055	.055	0	%100
180	M167	Z	.095	.095	0	%100
181	MP2B	X	.346	.346	0	%100
182	MP2B	Z	.6	.6	0	%100
183	M175	X	.014	.014	0	%100
184	M175	Z	.024	.024	0	%100
185	M176	X	.014	.014	0	%100
186	M176	Z	.024	.024	0	%100
187	M179	X	.227	.227	0	%100
188	M179	Z	.394	.394	0	%100
189	M182	X	.014	.014	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,%]
190	M182	Z	.024	.024	0	%100
191	M183	X	.014	.014	0	%100
192	M183	Z	.024	.024	0	%100
193	MP3B	X	.286	.286	0	%100
194	MP3B	Z	.496	.496	0	%100
195	M191	X	.014	.014	0	%100
196	M191	Z	.024	.024	0	%100
197	M192	X	.014	.014	0	%100
198	M192	Z	.024	.024	0	%100
199	M195	X	.187	.187	0	%100
200	M195	Z	.324	.324	0	%100
201	M198	X	.014	.014	0	%100
202	M198	Z	.024	.024	0	%100
203	M199	X	.014	.014	0	%100
204	M199	Z	.024	.024	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.6	1.6	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.6	1.6	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.4	.4	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.4	.4	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.4	.4	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.4	.4	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.581	1.581	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.395	.395	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.395	.395	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.023	.023	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.023	.023	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	.09	.09	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	.301	.301	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	1.205	1.205	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	.301	.301	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	.023	.023	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	.023	.023	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	.09	.09	0	%100
39	M51	X	0	0	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	0	0	0	%100
42	M52	Z	.653	.653	0	%100
43	M53	X	0	0	0	%100
44	M53	Z	.653	.653	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	.644	.644	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	.653	.653	0	%100
49	M56	X	0	0	0	%100
50	M56	Z	.653	.653	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	.703	.703	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	.703	.703	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	.653	.653	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	.653	.653	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.161	.161	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	.653	.653	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	.653	.653	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	.376	.376	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	.376	.376	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.653	.653	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	.653	.653	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	.161	.161	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	.653	.653	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	.653	.653	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	.376	.376	0	%100
81	M72	X	0	0	0	%100
82	M72	Z	.376	.376	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	.377	.377	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	.377	.377	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	.693	.693	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.572	.572	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	.572	.572	0	%100
93	M127	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,%]
94	M127	Z	.351	.351	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	.974	.974	0	%100
97	M129	X	0	0	0	%100
98	M129	Z	.803	.803	0	%100
99	M130	X	0	0	0	%100
100	M130	Z	.803	.803	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	.126	.126	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	.126	.126	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	.126	.126	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	.126	.126	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	.126	.126	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	.405	.405	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	.405	.405	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	.094	.094	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	.094	.094	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	.572	.572	0	%100
121	MP4A	X	0	0	0	%100
122	MP4A	Z	.572	.572	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	.405	.405	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	.405	.405	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	.094	.094	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	.094	.094	0	%100
131	MP1A	X	0	0	0	%100
132	MP1A	Z	.572	.572	0	%100
133	MP4C	X	0	0	0	%100
134	MP4C	Z	.572	.572	0	%100
135	M117	X	0	0	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	0	0	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	0	0	0	%100
140	M121	Z	.455	.455	0	%100
141	M124	X	0	0	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	0	0	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	0	0	0	%100
146	MP3A	Z	.572	.572	0	%100
147	M127B	X	0	0	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	0	0	0	%100
150	M128A	Z	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,%]
151	M131A	X	0	0	0	%100
152	M131A	Z	.374	.374	0	%100
153	M134A	X	0	0	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	0	0	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	0	0	0	%100
158	MP2C	Z	.693	.693	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	.082	.082	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	.082	.082	0	%100
163	M147	X	0	0	0	%100
164	M147	Z	.455	.455	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	.082	.082	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	.082	.082	0	%100
169	MP3C	X	0	0	0	%100
170	MP3C	Z	.572	.572	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	.082	.082	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	.082	.082	0	%100
175	M163	X	0	0	0	%100
176	M163	Z	.374	.374	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	.082	.082	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	.082	.082	0	%100
181	MP2B	X	0	0	0	%100
182	MP2B	Z	.693	.693	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	.082	.082	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	.082	.082	0	%100
187	M179	X	0	0	0	%100
188	M179	Z	.455	.455	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	.082	.082	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	.082	.082	0	%100
193	MP3B	X	0	0	0	%100
194	MP3B	Z	.572	.572	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	.082	.082	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	.082	.082	0	%100
199	M195	X	0	0	0	%100
200	M195	Z	.374	.374	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	.082	.082	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	.082	.082	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	.215	.215	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.6	-.6	0	%100
2	M1	Z	1.039	1.039	0	%100
3	M2	X	-.6	-.6	0	%100
4	M2	Z	1.039	1.039	0	%100
5	M3	X	-.6	-.6	0	%100
6	M3	Z	1.039	1.039	0	%100
7	M4	X	-.6	-.6	0	%100
8	M4	Z	1.039	1.039	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.593	-.593	0	%100
14	M7	Z	1.027	1.027	0	%100
15	M8	X	-.593	-.593	0	%100
16	M8	Z	1.027	1.027	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.034	-.034	0	%100
20	M13	Z	.059	.059	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.034	-.034	0	%100
24	M18	Z	.059	.059	0	%100
25	M22	X	-.067	-.067	0	%100
26	M22	Z	.117	.117	0	%100
27	M25	X	0	0	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	-.452	-.452	0	%100
30	M26	Z	.783	.783	0	%100
31	M27	X	-.452	-.452	0	%100
32	M27	Z	.783	.783	0	%100
33	M34	X	-.034	-.034	0	%100
34	M34	Z	.059	.059	0	%100
35	M42	X	0	0	0	%100
36	M42	Z	0	0	0	%100
37	M50	X	-.034	-.034	0	%100
38	M50	Z	.059	.059	0	%100
39	M51	X	-.067	-.067	0	%100
40	M51	Z	.117	.117	0	%100
41	M52	X	-.326	-.326	0	%100
42	M52	Z	.565	.565	0	%100
43	M53	X	-.326	-.326	0	%100
44	M53	Z	.565	.565	0	%100
45	M54	X	-.242	-.242	0	%100
46	M54	Z	.419	.419	0	%100
47	M55	X	-.326	-.326	0	%100
48	M55	Z	.565	.565	0	%100
49	M56	X	-.326	-.326	0	%100
50	M56	Z	.565	.565	0	%100
51	M57	X	-.297	-.297	0	%100
52	M57	Z	.514	.514	0	%100
53	M58	X	-.297	-.297	0	%100
54	M58	Z	.514	.514	0	%100
55	M59	X	-.326	-.326	0	%100
56	M59	Z	.565	.565	0	%100
57	M60	X	-.326	-.326	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,%]
58	M60	Z	.565	.565	0	%100
59	M61	X	-.242	-.242	0	%100
60	M61	Z	.419	.419	0	%100
61	M62	X	-.326	-.326	0	%100
62	M62	Z	.565	.565	0	%100
63	M63	X	-.326	-.326	0	%100
64	M63	Z	.565	.565	0	%100
65	M64	X	-.297	-.297	0	%100
66	M64	Z	.514	.514	0	%100
67	M65	X	-.297	-.297	0	%100
68	M65	Z	.514	.514	0	%100
69	M66	X	-.326	-.326	0	%100
70	M66	Z	.565	.565	0	%100
71	M67	X	-.326	-.326	0	%100
72	M67	Z	.565	.565	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.326	-.326	0	%100
76	M69	Z	.565	.565	0	%100
77	M70	X	-.326	-.326	0	%100
78	M70	Z	.565	.565	0	%100
79	M71	X	-.134	-.134	0	%100
80	M71	Z	.232	.232	0	%100
81	M72	X	-.134	-.134	0	%100
82	M72	Z	.232	.232	0	%100
83	M73	X	-.141	-.141	0	%100
84	M73	Z	.245	.245	0	%100
85	M74	X	-.141	-.141	0	%100
86	M74	Z	.245	.245	0	%100
87	MP2A	X	-.346	-.346	0	%100
88	MP2A	Z	.6	.6	0	%100
89	MP1C	X	-.286	-.286	0	%100
90	MP1C	Z	.496	.496	0	%100
91	MP4B	X	-.286	-.286	0	%100
92	MP4B	Z	.496	.496	0	%100
93	M127	X	0	0	0	%100
94	M127	Z	0	0	0	%100
95	M128	X	-.649	-.649	0	%100
96	M128	Z	1.125	1.125	0	%100
97	M129	X	-.402	-.402	0	%100
98	M129	Z	.696	.696	0	%100
99	M130	X	-.402	-.402	0	%100
100	M130	Z	.696	.696	0	%100
101	M131	X	-.084	-.084	0	%100
102	M131	Z	.146	.146	0	%100
103	M132	X	-.084	-.084	0	%100
104	M132	Z	.146	.146	0	%100
105	M133	X	-.084	-.084	0	%100
106	M133	Z	.146	.146	0	%100
107	M134	X	-.084	-.084	0	%100
108	M134	Z	.146	.146	0	%100
109	M135	X	-.084	-.084	0	%100
110	M135	Z	.146	.146	0	%100
111	M95	X	-.067	-.067	0	%100
112	M95	Z	.117	.117	0	%100
113	M96A	X	-.067	-.067	0	%100
114	M96A	Z	.117	.117	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,%]
115	M97A	X	-.141	-.141	0	%100
116	M97A	Z	.245	.245	0	%100
117	M98A	X	-.141	-.141	0	%100
118	M98A	Z	.245	.245	0	%100
119	MP1B	X	-.286	-.286	0	%100
120	MP1B	Z	.496	.496	0	%100
121	MP4A	X	-.286	-.286	0	%100
122	MP4A	Z	.496	.496	0	%100
123	M105	X	-.27	-.27	0	%100
124	M105	Z	.468	.468	0	%100
125	M106	X	-.27	-.27	0	%100
126	M106	Z	.468	.468	0	%100
127	M107A	X	0	0	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	0	0	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	-.286	-.286	0	%100
132	MP1A	Z	.496	.496	0	%100
133	MP4C	X	-.286	-.286	0	%100
134	MP4C	Z	.496	.496	0	%100
135	M117	X	-.014	-.014	0	%100
136	M117	Z	.024	.024	0	%100
137	M118A	X	-.014	-.014	0	%100
138	M118A	Z	.024	.024	0	%100
139	M121	X	-.227	-.227	0	%100
140	M121	Z	.394	.394	0	%100
141	M124	X	-.014	-.014	0	%100
142	M124	Z	.024	.024	0	%100
143	M125	X	-.014	-.014	0	%100
144	M125	Z	.024	.024	0	%100
145	MP3A	X	-.286	-.286	0	%100
146	MP3A	Z	.496	.496	0	%100
147	M127B	X	-.014	-.014	0	%100
148	M127B	Z	.024	.024	0	%100
149	M128A	X	-.014	-.014	0	%100
150	M128A	Z	.024	.024	0	%100
151	M131A	X	-.187	-.187	0	%100
152	M131A	Z	.324	.324	0	%100
153	M134A	X	-.014	-.014	0	%100
154	M134A	Z	.024	.024	0	%100
155	M135A	X	-.014	-.014	0	%100
156	M135A	Z	.024	.024	0	%100
157	MP2C	X	-.346	-.346	0	%100
158	MP2C	Z	.6	.6	0	%100
159	M143	X	-.014	-.014	0	%100
160	M143	Z	.024	.024	0	%100
161	M144	X	-.014	-.014	0	%100
162	M144	Z	.024	.024	0	%100
163	M147	X	-.227	-.227	0	%100
164	M147	Z	.394	.394	0	%100
165	M150	X	-.014	-.014	0	%100
166	M150	Z	.024	.024	0	%100
167	M151	X	-.014	-.014	0	%100
168	M151	Z	.024	.024	0	%100
169	MP3C	X	-.286	-.286	0	%100
170	MP3C	Z	.496	.496	0	%100
171	M159	X	-.014	-.014	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,%]
172	M159	Z	.024	.024	0	%100
173	M160	X	-.014	-.014	0	%100
174	M160	Z	.024	.024	0	%100
175	M163	X	-.187	-.187	0	%100
176	M163	Z	.324	.324	0	%100
177	M166	X	-.014	-.014	0	%100
178	M166	Z	.024	.024	0	%100
179	M167	X	-.014	-.014	0	%100
180	M167	Z	.024	.024	0	%100
181	MP2B	X	-.346	-.346	0	%100
182	MP2B	Z	.6	.6	0	%100
183	M175	X	-.055	-.055	0	%100
184	M175	Z	.095	.095	0	%100
185	M176	X	-.055	-.055	0	%100
186	M176	Z	.095	.095	0	%100
187	M179	X	-.227	-.227	0	%100
188	M179	Z	.394	.394	0	%100
189	M182	X	-.055	-.055	0	%100
190	M182	Z	.095	.095	0	%100
191	M183	X	-.055	-.055	0	%100
192	M183	Z	.095	.095	0	%100
193	MP3B	X	-.286	-.286	0	%100
194	MP3B	Z	.496	.496	0	%100
195	M191	X	-.055	-.055	0	%100
196	M191	Z	.095	.095	0	%100
197	M192	X	-.055	-.055	0	%100
198	M192	Z	.095	.095	0	%100
199	M195	X	-.187	-.187	0	%100
200	M195	Z	.324	.324	0	%100
201	M198	X	-.055	-.055	0	%100
202	M198	Z	.095	.095	0	%100
203	M199	X	-.055	-.055	0	%100
204	M199	Z	.095	.095	0	%100
205	M202	X	-.323	-.323	0	%100
206	M202	Z	.559	.559	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.346	-.346	0	%100
2	M1	Z	.2	.2	0	%100
3	M2	X	-.346	-.346	0	%100
4	M2	Z	.2	.2	0	%100
5	M3	X	-1.386	-1.386	0	%100
6	M3	Z	.8	.8	0	%100
7	M4	X	-1.386	-1.386	0	%100
8	M4	Z	.8	.8	0	%100
9	M5	X	-.346	-.346	0	%100
10	M5	Z	.2	.2	0	%100
11	M6	X	-.346	-.346	0	%100
12	M6	Z	.2	.2	0	%100
13	M7	X	-.342	-.342	0	%100
14	M7	Z	.198	.198	0	%100
15	M8	X	-1.369	-1.369	0	%100
16	M8	Z	.791	.791	0	%100
17	M9	X	-.342	-.342	0	%100
18	M9	Z	.198	.198	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M13	X	-.078	-.078	0	%100
20	M13	Z	.045	.045	0	%100
21	M14A	X	-.02	-.02	0	%100
22	M14A	Z	.011	.011	0	%100
23	M18	X	-.02	-.02	0	%100
24	M18	Z	.011	.011	0	%100
25	M22	X	-.351	-.351	0	%100
26	M22	Z	.202	.202	0	%100
27	M25	X	-.261	-.261	0	%100
28	M25	Z	.151	.151	0	%100
29	M26	X	-.261	-.261	0	%100
30	M26	Z	.151	.151	0	%100
31	M27	X	-1.044	-1.044	0	%100
32	M27	Z	.603	.603	0	%100
33	M34	X	-.078	-.078	0	%100
34	M34	Z	.045	.045	0	%100
35	M42	X	-.02	-.02	0	%100
36	M42	Z	.011	.011	0	%100
37	M50	X	-.02	-.02	0	%100
38	M50	Z	.011	.011	0	%100
39	M51	X	-.351	-.351	0	%100
40	M51	Z	.202	.202	0	%100
41	M52	X	-.565	-.565	0	%100
42	M52	Z	.326	.326	0	%100
43	M53	X	-.565	-.565	0	%100
44	M53	Z	.326	.326	0	%100
45	M54	X	-.14	-.14	0	%100
46	M54	Z	.081	.081	0	%100
47	M55	X	-.565	-.565	0	%100
48	M55	Z	.326	.326	0	%100
49	M56	X	-.565	-.565	0	%100
50	M56	Z	.326	.326	0	%100
51	M57	X	-.326	-.326	0	%100
52	M57	Z	.188	.188	0	%100
53	M58	X	-.326	-.326	0	%100
54	M58	Z	.188	.188	0	%100
55	M59	X	-.565	-.565	0	%100
56	M59	Z	.326	.326	0	%100
57	M60	X	-.565	-.565	0	%100
58	M60	Z	.326	.326	0	%100
59	M61	X	-.558	-.558	0	%100
60	M61	Z	.322	.322	0	%100
61	M62	X	-.565	-.565	0	%100
62	M62	Z	.326	.326	0	%100
63	M63	X	-.565	-.565	0	%100
64	M63	Z	.326	.326	0	%100
65	M64	X	-.609	-.609	0	%100
66	M64	Z	.351	.351	0	%100
67	M65	X	-.609	-.609	0	%100
68	M65	Z	.351	.351	0	%100
69	M66	X	-.565	-.565	0	%100
70	M66	Z	.326	.326	0	%100
71	M67	X	-.565	-.565	0	%100
72	M67	Z	.326	.326	0	%100
73	M68	X	-.14	-.14	0	%100
74	M68	Z	.081	.081	0	%100
75	M69	X	-.565	-.565	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,%]
76	M69	Z	.326	.326	0	%100
77	M70	X	-.565	-.565	0	%100
78	M70	Z	.326	.326	0	%100
79	M71	X	-.326	-.326	0	%100
80	M71	Z	.188	.188	0	%100
81	M72	X	-.326	-.326	0	%100
82	M72	Z	.188	.188	0	%100
83	M73	X	-.082	-.082	0	%100
84	M73	Z	.047	.047	0	%100
85	M74	X	-.082	-.082	0	%100
86	M74	Z	.047	.047	0	%100
87	MP2A	X	-.6	-.6	0	%100
88	MP2A	Z	.346	.346	0	%100
89	MP1C	X	-.496	-.496	0	%100
90	MP1C	Z	.286	.286	0	%100
91	MP4B	X	-.496	-.496	0	%100
92	MP4B	Z	.286	.286	0	%100
93	M127	X	-.304	-.304	0	%100
94	M127	Z	.175	.175	0	%100
95	M128	X	-.844	-.844	0	%100
96	M128	Z	.487	.487	0	%100
97	M129	X	-.696	-.696	0	%100
98	M129	Z	.402	.402	0	%100
99	M130	X	-.696	-.696	0	%100
100	M130	Z	.402	.402	0	%100
101	M131	X	-.109	-.109	0	%100
102	M131	Z	.063	.063	0	%100
103	M132	X	-.109	-.109	0	%100
104	M132	Z	.063	.063	0	%100
105	M133	X	-.109	-.109	0	%100
106	M133	Z	.063	.063	0	%100
107	M134	X	-.109	-.109	0	%100
108	M134	Z	.063	.063	0	%100
109	M135	X	-.109	-.109	0	%100
110	M135	Z	.063	.063	0	%100
111	M95	X	0	0	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	0	0	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	-.327	-.327	0	%100
116	M97A	Z	.189	.189	0	%100
117	M98A	X	-.327	-.327	0	%100
118	M98A	Z	.189	.189	0	%100
119	MP1B	X	-.496	-.496	0	%100
120	MP1B	Z	.286	.286	0	%100
121	MP4A	X	-.496	-.496	0	%100
122	MP4A	Z	.286	.286	0	%100
123	M105	X	-.351	-.351	0	%100
124	M105	Z	.202	.202	0	%100
125	M106	X	-.351	-.351	0	%100
126	M106	Z	.202	.202	0	%100
127	M107A	X	-.082	-.082	0	%100
128	M107A	Z	.047	.047	0	%100
129	M108A	X	-.082	-.082	0	%100
130	M108A	Z	.047	.047	0	%100
131	MP1A	X	-.496	-.496	0	%100
132	MP1A	Z	.286	.286	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,%]
133	MP4C	X	-.496	-.496	0	%100
134	MP4C	Z	.286	.286	0	%100
135	M117	X	-.071	-.071	0	%100
136	M117	Z	.041	.041	0	%100
137	M118A	X	-.071	-.071	0	%100
138	M118A	Z	.041	.041	0	%100
139	M121	X	-.394	-.394	0	%100
140	M121	Z	.227	.227	0	%100
141	M124	X	-.071	-.071	0	%100
142	M124	Z	.041	.041	0	%100
143	M125	X	-.071	-.071	0	%100
144	M125	Z	.041	.041	0	%100
145	MP3A	X	-.496	-.496	0	%100
146	MP3A	Z	.286	.286	0	%100
147	M127B	X	-.071	-.071	0	%100
148	M127B	Z	.041	.041	0	%100
149	M128A	X	-.071	-.071	0	%100
150	M128A	Z	.041	.041	0	%100
151	M131A	X	-.324	-.324	0	%100
152	M131A	Z	.187	.187	0	%100
153	M134A	X	-.071	-.071	0	%100
154	M134A	Z	.041	.041	0	%100
155	M135A	X	-.071	-.071	0	%100
156	M135A	Z	.041	.041	0	%100
157	MP2C	X	-.6	-.6	0	%100
158	MP2C	Z	.346	.346	0	%100
159	M143	X	0	0	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	0	0	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	-.394	-.394	0	%100
164	M147	Z	.227	.227	0	%100
165	M150	X	0	0	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	0	0	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	-.496	-.496	0	%100
170	MP3C	Z	.286	.286	0	%100
171	M159	X	0	0	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	0	0	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	-.324	-.324	0	%100
176	M163	Z	.187	.187	0	%100
177	M166	X	0	0	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	0	0	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	-.6	-.6	0	%100
182	MP2B	Z	.346	.346	0	%100
183	M175	X	-.071	-.071	0	%100
184	M175	Z	.041	.041	0	%100
185	M176	X	-.071	-.071	0	%100
186	M176	Z	.041	.041	0	%100
187	M179	X	-.394	-.394	0	%100
188	M179	Z	.227	.227	0	%100
189	M182	X	-.071	-.071	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,%]
190	M182	Z	.041	.041	0	%100
191	M183	X	-.071	-.071	0	%100
192	M183	Z	.041	.041	0	%100
193	MP3B	X	-.496	-.496	0	%100
194	MP3B	Z	.286	.286	0	%100
195	M191	X	-.071	-.071	0	%100
196	M191	Z	.041	.041	0	%100
197	M192	X	-.071	-.071	0	%100
198	M192	Z	.041	.041	0	%100
199	M195	X	-.324	-.324	0	%100
200	M195	Z	.187	.187	0	%100
201	M198	X	-.071	-.071	0	%100
202	M198	Z	.041	.041	0	%100
203	M199	X	-.071	-.071	0	%100
204	M199	Z	.041	.041	0	%100
205	M202	X	-.745	-.745	0	%100
206	M202	Z	.43	.43	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.2	-1.2	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.2	-1.2	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.2	-1.2	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.2	-1.2	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.186	-1.186	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.186	-1.186	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.068	-.068	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.068	-.068	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-.54	-.54	0	%100
26	M22	Z	0	0	0	%100
27	M25	X	-.904	-.904	0	%100
28	M25	Z	0	0	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	-.904	-.904	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	-.068	-.068	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	-.068	-.068	0	%100
36	M42	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,%]
37	M50	X	0	0	0	%100
38	M50	Z	0	0	0	%100
39	M51	X	-.54	-.54	0	%100
40	M51	Z	0	0	0	%100
41	M52	X	-.653	-.653	0	%100
42	M52	Z	0	0	0	%100
43	M53	X	-.653	-.653	0	%100
44	M53	Z	0	0	0	%100
45	M54	X	0	0	0	%100
46	M54	Z	0	0	0	%100
47	M55	X	-.653	-.653	0	%100
48	M55	Z	0	0	0	%100
49	M56	X	-.653	-.653	0	%100
50	M56	Z	0	0	0	%100
51	M57	X	-.268	-.268	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-.268	-.268	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-.653	-.653	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-.653	-.653	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	-.483	-.483	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-.653	-.653	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.653	-.653	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	-.594	-.594	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	-.594	-.594	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-.653	-.653	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-.653	-.653	0	%100
72	M67	Z	0	0	0	%100
73	M68	X	-.483	-.483	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.653	-.653	0	%100
76	M69	Z	0	0	0	%100
77	M70	X	-.653	-.653	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	-.594	-.594	0	%100
80	M71	Z	0	0	0	%100
81	M72	X	-.594	-.594	0	%100
82	M72	Z	0	0	0	%100
83	M73	X	0	0	0	%100
84	M73	Z	0	0	0	%100
85	M74	X	0	0	0	%100
86	M74	Z	0	0	0	%100
87	MP2A	X	-.693	-.693	0	%100
88	MP2A	Z	0	0	0	%100
89	MP1C	X	-.572	-.572	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	-.572	-.572	0	%100
92	MP4B	Z	0	0	0	%100
93	M127	X	-1.052	-1.052	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,%]
94	M127	Z	0	0	0	%100
95	M128	X	-.325	-.325	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	-.803	-.803	0	%100
98	M129	Z	0	0	0	%100
99	M130	X	-.803	-.803	0	%100
100	M130	Z	0	0	0	%100
101	M131	X	-.042	-.042	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	-.042	-.042	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	-.042	-.042	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	-.042	-.042	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	-.042	-.042	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	-.135	-.135	0	%100
112	M95	Z	0	0	0	%100
113	M96A	X	-.135	-.135	0	%100
114	M96A	Z	0	0	0	%100
115	M97A	X	-.283	-.283	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	-.283	-.283	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	-.572	-.572	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4A	X	-.572	-.572	0	%100
122	MP4A	Z	0	0	0	%100
123	M105	X	-.135	-.135	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	-.135	-.135	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	-.283	-.283	0	%100
128	M107A	Z	0	0	0	%100
129	M108A	X	-.283	-.283	0	%100
130	M108A	Z	0	0	0	%100
131	MP1A	X	-.572	-.572	0	%100
132	MP1A	Z	0	0	0	%100
133	MP4C	X	-.572	-.572	0	%100
134	MP4C	Z	0	0	0	%100
135	M117	X	-.109	-.109	0	%100
136	M117	Z	0	0	0	%100
137	M118A	X	-.109	-.109	0	%100
138	M118A	Z	0	0	0	%100
139	M121	X	-.455	-.455	0	%100
140	M121	Z	0	0	0	%100
141	M124	X	-.109	-.109	0	%100
142	M124	Z	0	0	0	%100
143	M125	X	-.109	-.109	0	%100
144	M125	Z	0	0	0	%100
145	MP3A	X	-.572	-.572	0	%100
146	MP3A	Z	0	0	0	%100
147	M127B	X	-.109	-.109	0	%100
148	M127B	Z	0	0	0	%100
149	M128A	X	-.109	-.109	0	%100
150	M128A	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,%]
151	M131A	X	-.374	-.374	0	%100
152	M131A	Z	0	0	0	%100
153	M134A	X	-.109	-.109	0	%100
154	M134A	Z	0	0	0	%100
155	M135A	X	-.109	-.109	0	%100
156	M135A	Z	0	0	0	%100
157	MP2C	X	-.693	-.693	0	%100
158	MP2C	Z	0	0	0	%100
159	M143	X	-.027	-.027	0	%100
160	M143	Z	0	0	0	%100
161	M144	X	-.027	-.027	0	%100
162	M144	Z	0	0	0	%100
163	M147	X	-.455	-.455	0	%100
164	M147	Z	0	0	0	%100
165	M150	X	-.027	-.027	0	%100
166	M150	Z	0	0	0	%100
167	M151	X	-.027	-.027	0	%100
168	M151	Z	0	0	0	%100
169	MP3C	X	-.572	-.572	0	%100
170	MP3C	Z	0	0	0	%100
171	M159	X	-.027	-.027	0	%100
172	M159	Z	0	0	0	%100
173	M160	X	-.027	-.027	0	%100
174	M160	Z	0	0	0	%100
175	M163	X	-.374	-.374	0	%100
176	M163	Z	0	0	0	%100
177	M166	X	-.027	-.027	0	%100
178	M166	Z	0	0	0	%100
179	M167	X	-.027	-.027	0	%100
180	M167	Z	0	0	0	%100
181	MP2B	X	-.693	-.693	0	%100
182	MP2B	Z	0	0	0	%100
183	M175	X	-.027	-.027	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	-.027	-.027	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	-.455	-.455	0	%100
188	M179	Z	0	0	0	%100
189	M182	X	-.027	-.027	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	-.027	-.027	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	-.572	-.572	0	%100
194	MP3B	Z	0	0	0	%100
195	M191	X	-.027	-.027	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	-.027	-.027	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	-.374	-.374	0	%100
200	M195	Z	0	0	0	%100
201	M198	X	-.027	-.027	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	-.027	-.027	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	-.645	-.645	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.346	-.346	0	%100
2	M1	Z	-.2	-.2	0	%100
3	M2	X	-.346	-.346	0	%100
4	M2	Z	-.2	-.2	0	%100
5	M3	X	-.346	-.346	0	%100
6	M3	Z	-.2	-.2	0	%100
7	M4	X	-.346	-.346	0	%100
8	M4	Z	-.2	-.2	0	%100
9	M5	X	-1.386	-1.386	0	%100
10	M5	Z	-.8	-.8	0	%100
11	M6	X	-1.386	-1.386	0	%100
12	M6	Z	-.8	-.8	0	%100
13	M7	X	-.342	-.342	0	%100
14	M7	Z	-.198	-.198	0	%100
15	M8	X	-.342	-.342	0	%100
16	M8	Z	-.198	-.198	0	%100
17	M9	X	-1.369	-1.369	0	%100
18	M9	Z	-.791	-.791	0	%100
19	M13	X	-.02	-.02	0	%100
20	M13	Z	-.011	-.011	0	%100
21	M14A	X	-.078	-.078	0	%100
22	M14A	Z	-.045	-.045	0	%100
23	M18	X	-.02	-.02	0	%100
24	M18	Z	-.011	-.011	0	%100
25	M22	X	-.351	-.351	0	%100
26	M22	Z	-.202	-.202	0	%100
27	M25	X	-1.044	-1.044	0	%100
28	M25	Z	-.603	-.603	0	%100
29	M26	X	-.261	-.261	0	%100
30	M26	Z	-.151	-.151	0	%100
31	M27	X	-.261	-.261	0	%100
32	M27	Z	-.151	-.151	0	%100
33	M34	X	-.02	-.02	0	%100
34	M34	Z	-.011	-.011	0	%100
35	M42	X	-.078	-.078	0	%100
36	M42	Z	-.045	-.045	0	%100
37	M50	X	-.02	-.02	0	%100
38	M50	Z	-.011	-.011	0	%100
39	M51	X	-.351	-.351	0	%100
40	M51	Z	-.202	-.202	0	%100
41	M52	X	-.565	-.565	0	%100
42	M52	Z	-.326	-.326	0	%100
43	M53	X	-.565	-.565	0	%100
44	M53	Z	-.326	-.326	0	%100
45	M54	X	-.14	-.14	0	%100
46	M54	Z	-.081	-.081	0	%100
47	M55	X	-.565	-.565	0	%100
48	M55	Z	-.326	-.326	0	%100
49	M56	X	-.565	-.565	0	%100
50	M56	Z	-.326	-.326	0	%100
51	M57	X	-.326	-.326	0	%100
52	M57	Z	-.188	-.188	0	%100
53	M58	X	-.326	-.326	0	%100
54	M58	Z	-.188	-.188	0	%100
55	M59	X	-.565	-.565	0	%100
56	M59	Z	-.326	-.326	0	%100
57	M60	X	-.565	-.565	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,%]
58	M60	Z	-.326	-.326	0	%100
59	M61	X	-.14	-.14	0	%100
60	M61	Z	-.081	-.081	0	%100
61	M62	X	-.565	-.565	0	%100
62	M62	Z	-.326	-.326	0	%100
63	M63	X	-.565	-.565	0	%100
64	M63	Z	-.326	-.326	0	%100
65	M64	X	-.326	-.326	0	%100
66	M64	Z	-.188	-.188	0	%100
67	M65	X	-.326	-.326	0	%100
68	M65	Z	-.188	-.188	0	%100
69	M66	X	-.565	-.565	0	%100
70	M66	Z	-.326	-.326	0	%100
71	M67	X	-.565	-.565	0	%100
72	M67	Z	-.326	-.326	0	%100
73	M68	X	-.558	-.558	0	%100
74	M68	Z	-.322	-.322	0	%100
75	M69	X	-.565	-.565	0	%100
76	M69	Z	-.326	-.326	0	%100
77	M70	X	-.565	-.565	0	%100
78	M70	Z	-.326	-.326	0	%100
79	M71	X	-.609	-.609	0	%100
80	M71	Z	-.351	-.351	0	%100
81	M72	X	-.609	-.609	0	%100
82	M72	Z	-.351	-.351	0	%100
83	M73	X	-.082	-.082	0	%100
84	M73	Z	-.047	-.047	0	%100
85	M74	X	-.082	-.082	0	%100
86	M74	Z	-.047	-.047	0	%100
87	MP2A	X	-.6	-.6	0	%100
88	MP2A	Z	-.346	-.346	0	%100
89	MP1C	X	-.496	-.496	0	%100
90	MP1C	Z	-.286	-.286	0	%100
91	MP4B	X	-.496	-.496	0	%100
92	MP4B	Z	-.286	-.286	0	%100
93	M127	X	-1.215	-1.215	0	%100
94	M127	Z	-.701	-.701	0	%100
95	M128	X	0	0	0	%100
96	M128	Z	0	0	0	%100
97	M129	X	-.696	-.696	0	%100
98	M129	Z	-.402	-.402	0	%100
99	M130	X	-.696	-.696	0	%100
100	M130	Z	-.402	-.402	0	%100
101	M131	X	0	0	0	%100
102	M131	Z	0	0	0	%100
103	M132	X	0	0	0	%100
104	M132	Z	0	0	0	%100
105	M133	X	0	0	0	%100
106	M133	Z	0	0	0	%100
107	M134	X	0	0	0	%100
108	M134	Z	0	0	0	%100
109	M135	X	0	0	0	%100
110	M135	Z	0	0	0	%100
111	M95	X	-.351	-.351	0	%100
112	M95	Z	-.202	-.202	0	%100
113	M96A	X	-.351	-.351	0	%100
114	M96A	Z	-.202	-.202	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,%]
115	M97A	X	-.082	-.082	0	%100
116	M97A	Z	-.047	-.047	0	%100
117	M98A	X	-.082	-.082	0	%100
118	M98A	Z	-.047	-.047	0	%100
119	MP1B	X	-.496	-.496	0	%100
120	MP1B	Z	-.286	-.286	0	%100
121	MP4A	X	-.496	-.496	0	%100
122	MP4A	Z	-.286	-.286	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	0	0	0	%100
127	M107A	X	-.327	-.327	0	%100
128	M107A	Z	-.189	-.189	0	%100
129	M108A	X	-.327	-.327	0	%100
130	M108A	Z	-.189	-.189	0	%100
131	MP1A	X	-.496	-.496	0	%100
132	MP1A	Z	-.286	-.286	0	%100
133	MP4C	X	-.496	-.496	0	%100
134	MP4C	Z	-.286	-.286	0	%100
135	M117	X	-.071	-.071	0	%100
136	M117	Z	-.041	-.041	0	%100
137	M118A	X	-.071	-.071	0	%100
138	M118A	Z	-.041	-.041	0	%100
139	M121	X	-.394	-.394	0	%100
140	M121	Z	-.227	-.227	0	%100
141	M124	X	-.071	-.071	0	%100
142	M124	Z	-.041	-.041	0	%100
143	M125	X	-.071	-.071	0	%100
144	M125	Z	-.041	-.041	0	%100
145	MP3A	X	-.496	-.496	0	%100
146	MP3A	Z	-.286	-.286	0	%100
147	M127B	X	-.071	-.071	0	%100
148	M127B	Z	-.041	-.041	0	%100
149	M128A	X	-.071	-.071	0	%100
150	M128A	Z	-.041	-.041	0	%100
151	M131A	X	-.324	-.324	0	%100
152	M131A	Z	-.187	-.187	0	%100
153	M134A	X	-.071	-.071	0	%100
154	M134A	Z	-.041	-.041	0	%100
155	M135A	X	-.071	-.071	0	%100
156	M135A	Z	-.041	-.041	0	%100
157	MP2C	X	-.6	-.6	0	%100
158	MP2C	Z	-.346	-.346	0	%100
159	M143	X	-.071	-.071	0	%100
160	M143	Z	-.041	-.041	0	%100
161	M144	X	-.071	-.071	0	%100
162	M144	Z	-.041	-.041	0	%100
163	M147	X	-.394	-.394	0	%100
164	M147	Z	-.227	-.227	0	%100
165	M150	X	-.071	-.071	0	%100
166	M150	Z	-.041	-.041	0	%100
167	M151	X	-.071	-.071	0	%100
168	M151	Z	-.041	-.041	0	%100
169	MP3C	X	-.496	-.496	0	%100
170	MP3C	Z	-.286	-.286	0	%100
171	M159	X	-.071	-.071	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,%]
172	M159	Z	-.041	-.041	0	%100
173	M160	X	-.071	-.071	0	%100
174	M160	Z	-.041	-.041	0	%100
175	M163	X	-.324	-.324	0	%100
176	M163	Z	-.187	-.187	0	%100
177	M166	X	-.071	-.071	0	%100
178	M166	Z	-.041	-.041	0	%100
179	M167	X	-.071	-.071	0	%100
180	M167	Z	-.041	-.041	0	%100
181	MP2B	X	-.6	-.6	0	%100
182	MP2B	Z	-.346	-.346	0	%100
183	M175	X	0	0	0	%100
184	M175	Z	0	0	0	%100
185	M176	X	0	0	0	%100
186	M176	Z	0	0	0	%100
187	M179	X	-.394	-.394	0	%100
188	M179	Z	-.227	-.227	0	%100
189	M182	X	0	0	0	%100
190	M182	Z	0	0	0	%100
191	M183	X	0	0	0	%100
192	M183	Z	0	0	0	%100
193	MP3B	X	-.496	-.496	0	%100
194	MP3B	Z	-.286	-.286	0	%100
195	M191	X	0	0	0	%100
196	M191	Z	0	0	0	%100
197	M192	X	0	0	0	%100
198	M192	Z	0	0	0	%100
199	M195	X	-.324	-.324	0	%100
200	M195	Z	-.187	-.187	0	%100
201	M198	X	0	0	0	%100
202	M198	Z	0	0	0	%100
203	M199	X	0	0	0	%100
204	M199	Z	0	0	0	%100
205	M202	X	-.186	-.186	0	%100
206	M202	Z	-.108	-.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.6	-.6	0	%100
2	M1	Z	-1.039	-1.039	0	%100
3	M2	X	-.6	-.6	0	%100
4	M2	Z	-1.039	-1.039	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.6	-.6	0	%100
10	M5	Z	-1.039	-1.039	0	%100
11	M6	X	-.6	-.6	0	%100
12	M6	Z	-1.039	-1.039	0	%100
13	M7	X	-.593	-.593	0	%100
14	M7	Z	-1.027	-1.027	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.593	-.593	0	%100
18	M9	Z	-1.027	-1.027	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,%]
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.034	-.034	0	%100
22	M14A	Z	-.059	-.059	0	%100
23	M18	X	-.034	-.034	0	%100
24	M18	Z	-.059	-.059	0	%100
25	M22	X	-.067	-.067	0	%100
26	M22	Z	-.117	-.117	0	%100
27	M25	X	-.452	-.452	0	%100
28	M25	Z	-.783	-.783	0	%100
29	M26	X	-.452	-.452	0	%100
30	M26	Z	-.783	-.783	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M34	X	0	0	0	%100
34	M34	Z	0	0	0	%100
35	M42	X	-.034	-.034	0	%100
36	M42	Z	-.059	-.059	0	%100
37	M50	X	-.034	-.034	0	%100
38	M50	Z	-.059	-.059	0	%100
39	M51	X	-.067	-.067	0	%100
40	M51	Z	-.117	-.117	0	%100
41	M52	X	-.326	-.326	0	%100
42	M52	Z	-.565	-.565	0	%100
43	M53	X	-.326	-.326	0	%100
44	M53	Z	-.565	-.565	0	%100
45	M54	X	-.242	-.242	0	%100
46	M54	Z	-.419	-.419	0	%100
47	M55	X	-.326	-.326	0	%100
48	M55	Z	-.565	-.565	0	%100
49	M56	X	-.326	-.326	0	%100
50	M56	Z	-.565	-.565	0	%100
51	M57	X	-.297	-.297	0	%100
52	M57	Z	-.514	-.514	0	%100
53	M58	X	-.297	-.297	0	%100
54	M58	Z	-.514	-.514	0	%100
55	M59	X	-.326	-.326	0	%100
56	M59	Z	-.565	-.565	0	%100
57	M60	X	-.326	-.326	0	%100
58	M60	Z	-.565	-.565	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-.326	-.326	0	%100
62	M62	Z	-.565	-.565	0	%100
63	M63	X	-.326	-.326	0	%100
64	M63	Z	-.565	-.565	0	%100
65	M64	X	-.134	-.134	0	%100
66	M64	Z	-.232	-.232	0	%100
67	M65	X	-.134	-.134	0	%100
68	M65	Z	-.232	-.232	0	%100
69	M66	X	-.326	-.326	0	%100
70	M66	Z	-.565	-.565	0	%100
71	M67	X	-.326	-.326	0	%100
72	M67	Z	-.565	-.565	0	%100
73	M68	X	-.242	-.242	0	%100
74	M68	Z	-.419	-.419	0	%100
75	M69	X	-.326	-.326	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,%]
76	M69	Z	-.565	-.565	0	%100
77	M70	X	-.326	-.326	0	%100
78	M70	Z	-.565	-.565	0	%100
79	M71	X	-.297	-.297	0	%100
80	M71	Z	-.514	-.514	0	%100
81	M72	X	-.297	-.297	0	%100
82	M72	Z	-.514	-.514	0	%100
83	M73	X	-.141	-.141	0	%100
84	M73	Z	-.245	-.245	0	%100
85	M74	X	-.141	-.141	0	%100
86	M74	Z	-.245	-.245	0	%100
87	MP2A	X	-.346	-.346	0	%100
88	MP2A	Z	-.6	-.6	0	%100
89	MP1C	X	-.286	-.286	0	%100
90	MP1C	Z	-.496	-.496	0	%100
91	MP4B	X	-.286	-.286	0	%100
92	MP4B	Z	-.496	-.496	0	%100
93	M127	X	-.526	-.526	0	%100
94	M127	Z	-.911	-.911	0	%100
95	M128	X	-.162	-.162	0	%100
96	M128	Z	-.281	-.281	0	%100
97	M129	X	-.402	-.402	0	%100
98	M129	Z	-.696	-.696	0	%100
99	M130	X	-.402	-.402	0	%100
100	M130	Z	-.696	-.696	0	%100
101	M131	X	-.021	-.021	0	%100
102	M131	Z	-.036	-.036	0	%100
103	M132	X	-.021	-.021	0	%100
104	M132	Z	-.036	-.036	0	%100
105	M133	X	-.021	-.021	0	%100
106	M133	Z	-.036	-.036	0	%100
107	M134	X	-.021	-.021	0	%100
108	M134	Z	-.036	-.036	0	%100
109	M135	X	-.021	-.021	0	%100
110	M135	Z	-.036	-.036	0	%100
111	M95	X	-.27	-.27	0	%100
112	M95	Z	-.468	-.468	0	%100
113	M96A	X	-.27	-.27	0	%100
114	M96A	Z	-.468	-.468	0	%100
115	M97A	X	0	0	0	%100
116	M97A	Z	0	0	0	%100
117	M98A	X	0	0	0	%100
118	M98A	Z	0	0	0	%100
119	MP1B	X	-.286	-.286	0	%100
120	MP1B	Z	-.496	-.496	0	%100
121	MP4A	X	-.286	-.286	0	%100
122	MP4A	Z	-.496	-.496	0	%100
123	M105	X	-.067	-.067	0	%100
124	M105	Z	-.117	-.117	0	%100
125	M106	X	-.067	-.067	0	%100
126	M106	Z	-.117	-.117	0	%100
127	M107A	X	-.141	-.141	0	%100
128	M107A	Z	-.245	-.245	0	%100
129	M108A	X	-.141	-.141	0	%100
130	M108A	Z	-.245	-.245	0	%100
131	MP1A	X	-.286	-.286	0	%100
132	MP1A	Z	-.496	-.496	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,%]
133	MP4C	X	-.286	-.286	0	%100
134	MP4C	Z	-.496	-.496	0	%100
135	M117	X	-.014	-.014	0	%100
136	M117	Z	-.024	-.024	0	%100
137	M118A	X	-.014	-.014	0	%100
138	M118A	Z	-.024	-.024	0	%100
139	M121	X	-.227	-.227	0	%100
140	M121	Z	-.394	-.394	0	%100
141	M124	X	-.014	-.014	0	%100
142	M124	Z	-.024	-.024	0	%100
143	M125	X	-.014	-.014	0	%100
144	M125	Z	-.024	-.024	0	%100
145	MP3A	X	-.286	-.286	0	%100
146	MP3A	Z	-.496	-.496	0	%100
147	M127B	X	-.014	-.014	0	%100
148	M127B	Z	-.024	-.024	0	%100
149	M128A	X	-.014	-.014	0	%100
150	M128A	Z	-.024	-.024	0	%100
151	M131A	X	-.187	-.187	0	%100
152	M131A	Z	-.324	-.324	0	%100
153	M134A	X	-.014	-.014	0	%100
154	M134A	Z	-.024	-.024	0	%100
155	M135A	X	-.014	-.014	0	%100
156	M135A	Z	-.024	-.024	0	%100
157	MP2C	X	-.346	-.346	0	%100
158	MP2C	Z	-.6	-.6	0	%100
159	M143	X	-.055	-.055	0	%100
160	M143	Z	-.095	-.095	0	%100
161	M144	X	-.055	-.055	0	%100
162	M144	Z	-.095	-.095	0	%100
163	M147	X	-.227	-.227	0	%100
164	M147	Z	-.394	-.394	0	%100
165	M150	X	-.055	-.055	0	%100
166	M150	Z	-.095	-.095	0	%100
167	M151	X	-.055	-.055	0	%100
168	M151	Z	-.095	-.095	0	%100
169	MP3C	X	-.286	-.286	0	%100
170	MP3C	Z	-.496	-.496	0	%100
171	M159	X	-.055	-.055	0	%100
172	M159	Z	-.095	-.095	0	%100
173	M160	X	-.055	-.055	0	%100
174	M160	Z	-.095	-.095	0	%100
175	M163	X	-.187	-.187	0	%100
176	M163	Z	-.324	-.324	0	%100
177	M166	X	-.055	-.055	0	%100
178	M166	Z	-.095	-.095	0	%100
179	M167	X	-.055	-.055	0	%100
180	M167	Z	-.095	-.095	0	%100
181	MP2B	X	-.346	-.346	0	%100
182	MP2B	Z	-.6	-.6	0	%100
183	M175	X	-.014	-.014	0	%100
184	M175	Z	-.024	-.024	0	%100
185	M176	X	-.014	-.014	0	%100
186	M176	Z	-.024	-.024	0	%100
187	M179	X	-.227	-.227	0	%100
188	M179	Z	-.394	-.394	0	%100
189	M182	X	-.014	-.014	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,%]
190	M182	Z	-.024	-.024	0	%100
191	M183	X	-.014	-.014	0	%100
192	M183	Z	-.024	-.024	0	%100
193	MP3B	X	-.286	-.286	0	%100
194	MP3B	Z	-.496	-.496	0	%100
195	M191	X	-.014	-.014	0	%100
196	M191	Z	-.024	-.024	0	%100
197	M192	X	-.014	-.014	0	%100
198	M192	Z	-.024	-.024	0	%100
199	M195	X	-.187	-.187	0	%100
200	M195	Z	-.324	-.324	0	%100
201	M198	X	-.014	-.014	0	%100
202	M198	Z	-.024	-.024	0	%100
203	M199	X	-.014	-.014	0	%100
204	M199	Z	-.024	-.024	0	%100
205	M202	X	0	0	0	%100
206	M202	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-5.302	-4.837	0	1.067
2	M1	Y	-4.837	-10.031	1.067	2.133
3	M1	Y	-10.031	-14.895	2.133	3.2
4	M1	Y	-14.895	-13.501	3.2	4.267
5	M1	Y	-13.501	-11.839	4.267	5.333
6	M6	Y	-13.976	-14.582	0	1.067
7	M6	Y	-14.582	-12.516	1.067	2.133
8	M6	Y	-12.516	-7.701	2.133	3.2
9	M6	Y	-7.701	-2.807	3.2	4.267
10	M2	Y	-12.575	-11.103	0	1.067
11	M2	Y	-11.103	-9.754	1.067	2.133
12	M2	Y	-9.754	-8.45	2.133	3.2
13	M2	Y	-8.45	-5.57	3.2	4.267
14	M2	Y	-5.57	-1.194	4.267	5.333
15	M3	Y	-.252	-5.708	.533	1.493
16	M3	Y	-5.708	-7.728	1.493	2.453
17	M3	Y	-7.728	-5.964	2.453	3.413
18	M3	Y	-5.964	-5.114	3.413	4.373
19	M3	Y	-5.114	-4.55	4.373	5.333
20	M128	Y	-5.98	-16.162	0	.958
21	M128	Y	-16.162	-26.344	.958	1.917
22	M4	Y	-13.976	-14.582	0	1.067
23	M4	Y	-14.582	-12.516	1.067	2.133
24	M4	Y	-12.516	-7.701	2.133	3.2
25	M4	Y	-7.701	-2.807	3.2	4.267
26	M5	Y	-5.302	-4.837	0	1.067
27	M5	Y	-4.837	-10.031	1.067	2.133
28	M5	Y	-10.031	-14.895	2.133	3.2
29	M5	Y	-14.895	-13.501	3.2	4.267
30	M5	Y	-13.501	-11.839	4.267	5.333

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-4.313	-5.937	0	1.067
2	M1	Y	-5.937	-10.93	1.067	2.133
3	M1	Y	-10.93	-15.464	2.133	3.2

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M1	Y	-15.464	-16.489	3.2	4.267
5	M1	Y	-16.489	-17.834	4.267	5.333
6	M6	Y	-14.748	-14.257	0	.96
7	M6	Y	-14.257	-14.838	.96	1.92
8	M6	Y	-14.838	-13.003	1.92	2.88
9	M6	Y	-13.003	-5.158	2.88	3.84
10	M6	Y	-5.158	.025	3.84	4.8
11	M2	Y	-14.431	-12.741	0	1.067
12	M2	Y	-12.741	-11.193	1.067	2.133
13	M2	Y	-11.193	-9.697	2.133	3.2
14	M2	Y	-9.697	-6.392	3.2	4.267
15	M2	Y	-6.392	-1.37	4.267	5.333
16	M3	Y	-.29	-6.551	.533	1.493
17	M3	Y	-6.551	-8.868	1.493	2.453
18	M3	Y	-8.868	-6.844	2.453	3.413
19	M3	Y	-6.844	-5.868	3.413	4.373
20	M3	Y	-5.868	-5.221	4.373	5.333
21	M128	Y	-6.862	-18.546	0	.958
22	M128	Y	-18.546	-30.231	.958	1.917
23	M4	Y	-14.748	-14.257	0	.96
24	M4	Y	-14.257	-14.838	.96	1.92
25	M4	Y	-14.838	-13.003	1.92	2.88
26	M4	Y	-13.003	-5.158	2.88	3.84
27	M4	Y	-5.158	.025	3.84	4.8
28	M5	Y	-4.313	-5.937	0	1.067
29	M5	Y	-5.937	-10.93	1.067	2.133
30	M5	Y	-10.93	-15.464	2.133	3.2
31	M5	Y	-15.464	-16.489	3.2	4.267
32	M5	Y	-16.489	-17.834	4.267	5.333

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-.08	-.177	0	1.067
2	M1	Y	-.177	-.275	1.067	2.133
3	M1	Y	-.275	-.237	2.133	3.2
4	M1	Y	-.237	-.132	3.2	4.267
5	M1	Y	-.132	-.098	4.267	5.333
6	M6	Y	-.072	-.195	0	1.6
7	M6	Y	-.195	-.18	1.6	3.2
8	M6	Y	-.18	-.026	3.2	4.8
9	M8	Y	-.021	-.217	.51	1.87
10	M8	Y	-.217	-.284	1.87	3.23
11	M8	Y	-.284	-.179	3.23	4.59
12	M2	Y	-.136	-.103	0	2.667
13	M2	Y	-.103	-.07	2.667	5.333
14	M3	Y	-.11	-.127	.533	1.387
15	M3	Y	-.127	-.097	1.387	2.24
16	M3	Y	-.097	-.057	2.24	3.093
17	M3	Y	-.057	-.07	3.093	3.947
18	M3	Y	-.07	-.099	3.947	4.8
19	M9	Y	-.029	-.142	0	1.36
20	M9	Y	-.142	-.214	1.36	2.72
21	M9	Y	-.214	-.247	2.72	4.08
22	M127	Y	-.073	-.142	0	.577
23	M127	Y	-.142	-.25	.577	1.155
24	M127	Y	-.25	-.28	1.155	1.732

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M127	Y	-.28	-.242	1.732	2.309
26	M127	Y	-.242	-.251	2.309	2.887
27	M128	Y	-.251	-.251	.349	1.3
28	M4	Y	-.072	-.195	0	1.6
29	M4	Y	-.195	-.18	1.6	3.2
30	M4	Y	-.18	-.026	3.2	4.8
31	M5	Y	-.08	-.177	0	1.067
32	M5	Y	-.177	-.275	1.067	2.133
33	M5	Y	-.275	-.237	2.133	3.2
34	M5	Y	-.237	-.132	3.2	4.267
35	M5	Y	-.132	-.098	4.267	5.333
36	M7	Y	-.021	-.217	.51	1.87
37	M7	Y	-.217	-.284	1.87	3.23
38	M7	Y	-.284	-.179	3.23	4.59

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Z	-.2	-.441	0	1.067
2	M1	Z	-.441	-.686	1.067	2.133
3	M1	Z	-.686	-.592	2.133	3.2
4	M1	Z	-.592	-.33	3.2	4.267
5	M1	Z	-.33	-.244	4.267	5.333
6	M6	Z	-.179	-.486	0	1.6
7	M6	Z	-.486	-.448	1.6	3.2
8	M6	Z	-.448	-.064	3.2	4.8
9	M8	Z	-.053	-.54	.51	1.87
10	M8	Z	-.54	-.709	1.87	3.23
11	M8	Z	-.709	-.445	3.23	4.59
12	M2	Z	-.338	-.256	0	2.667
13	M2	Z	-.256	-.173	2.667	5.333
14	M3	Z	-.274	-.316	.533	1.387
15	M3	Z	-.316	-.242	1.387	2.24
16	M3	Z	-.242	-.142	2.24	3.093
17	M3	Z	-.142	-.174	3.093	3.947
18	M3	Z	-.174	-.247	3.947	4.8
19	M9	Z	-.073	-.353	0	1.36
20	M9	Z	-.353	-.534	1.36	2.72
21	M9	Z	-.534	-.615	2.72	4.08
22	M127	Z	-.182	-.354	0	.577
23	M127	Z	-.354	-.624	.577	1.155
24	M127	Z	-.624	-.699	1.155	1.732
25	M127	Z	-.699	-.603	1.732	2.309
26	M127	Z	-.603	-.626	2.309	2.887
27	M128	Z	-.627	-.627	.349	1.3
28	M4	Z	-.179	-.486	0	1.6
29	M4	Z	-.486	-.448	1.6	3.2
30	M4	Z	-.448	-.064	3.2	4.8
31	M5	Z	-.2	-.441	0	1.067
32	M5	Z	-.441	-.686	1.067	2.133
33	M5	Z	-.686	-.592	2.133	3.2
34	M5	Z	-.592	-.33	3.2	4.267
35	M5	Z	-.33	-.244	4.267	5.333
36	M7	Z	-.053	-.54	.51	1.87
37	M7	Z	-.54	-.709	1.87	3.23
38	M7	Z	-.709	-.445	3.23	4.59

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.2	.441	0	1.067
2	M1	X	.441	.686	1.067	2.133
3	M1	X	.686	.592	2.133	3.2
4	M1	X	.592	.33	3.2	4.267
5	M1	X	.33	.244	4.267	5.333
6	M6	X	.179	.486	0	1.6
7	M6	X	.486	.448	1.6	3.2
8	M6	X	.448	.064	3.2	4.8
9	M8	X	.053	.54	.51	1.87
10	M8	X	.54	.709	1.87	3.23
11	M8	X	.709	.445	3.23	4.59
12	M2	X	.338	.256	0	2.667
13	M2	X	.256	.173	2.667	5.333
14	M3	X	.274	.316	.533	1.387
15	M3	X	.316	.242	1.387	2.24
16	M3	X	.242	.142	2.24	3.093
17	M3	X	.142	.174	3.093	3.947
18	M3	X	.174	.247	3.947	4.8
19	M9	X	.073	.353	0	1.36
20	M9	X	.353	.534	1.36	2.72
21	M9	X	.534	.615	2.72	4.08
22	M127	X	.182	.354	0	.577
23	M127	X	.354	.624	.577	1.155
24	M127	X	.624	.699	1.155	1.732
25	M127	X	.699	.603	1.732	2.309
26	M127	X	.603	.626	2.309	2.887
27	M128	X	.627	.627	.349	1.3
28	M4	X	.179	.486	0	1.6
29	M4	X	.486	.448	1.6	3.2
30	M4	X	.448	.064	3.2	4.8
31	M5	X	.2	.441	0	1.067
32	M5	X	.441	.686	1.067	2.133
33	M5	X	.686	.592	2.133	3.2
34	M5	X	.592	.33	3.2	4.267
35	M5	X	.33	.244	4.267	5.333
36	M7	X	.053	.54	.51	1.87
37	M7	X	.54	.709	1.87	3.23
38	M7	X	.709	.445	3.23	4.59

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N12A	N11A	N3		Y	A-B	-.009
2	N13	N14	N2		Y	A-B	-.009
3	N12	N11	N5		Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N12A	N11A	N3		Y	A-B	-.01
2	N13	N14	N2		Y	A-B	-.01
3	N12	N11	N5		Y	A-B	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N12A	N11A	N3		Y	Two Way	-.000219

Member Area Loads (BLC 84 : Structure Ev) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N13	N14	N2		Y	Two Way	-.000219
3	N12	N11	N5		Y	Two Way	-.000219

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N12A	N11A	N3		Z	Two Way	-.000546
2	N13	N14	N2		Z	Two Way	-.000546
3	N12	N11	N5		Z	Two Way	-.000546

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N12A	N11A	N3		X	Two Way	.000546
2	N13	N14	N2		X	Two Way	.000546
3	N12	N11	N5		X	Two Way	.000546

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	N8	max	3.685	12	-412.153	7	1009.112	8	0	75	0	75	0	75
2		min	-3.685	2	-8107.827	13	-1005.356	2	0	1	0	1	0	1
3	N72	max	2064.528	12	6300.203	3	784.821	2	0	75	0	75	0	75
4		min	-2029.601	6	-1727.422	9	-804.629	8	0	1	0	1	0	1
5	N73	max	2092.394	9	6438.581	11	680.798	2	0	75	0	75	0	75
6		min	-2119.699	3	-2085.721	5	-669.308	8	0	1	0	1	0	1
7	N74	max	823.161	3	-278.79	3	461.675	10	0	75	0	75	0	75
8		min	-796.553	9	-7706.877	21	-476.065	4	0	1	0	1	0	1
9	N75A	max	786.541	12	6299.18	11	2079.382	2	0	75	0	75	0	75
10		min	-821.129	6	-1837.873	5	-2075.555	8	0	1	0	1	0	1
11	N76A	max	1459.353	10	6328.52	7	1393.926	11	0	75	0	75	0	75
12		min	-1470.425	4	-2379.266	1	-1383.581	5	0	1	0	1	0	1
13	N77A	max	903.357	5	-405.79	11	521.553	5	0	75	0	75	0	75
14		min	-902.651	11	-7872.003	17	-521.146	11	0	1	0	1	0	1
15	N78A	max	1396.253	11	6142.147	7	1285.998	3	0	75	0	75	0	75
16		min	-1401.974	5	-2113.542	1	-1275.311	9	0	1	0	1	0	1
17	N79A	max	957.911	8	6636.186	3	2413.483	1	0	75	0	75	0	75
18		min	-937.414	2	-1894.01	9	-2416.849	7	0	1	0	1	0	1
19	Totals:	max	5103.511	10	7690.486	17	5190.928	1						
20		min	-5103.519	4	2494.717	74	-5190.943	7						

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

	Member	Shape	Code Check	Loc...	LC	Shear Check	L...	...	LC	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
1	M1	C5X9	.324	5.1...	6	.142	5...	z	4	34351...	85536	1.909	11.853	...	H1-1b
2	M2	C5X9	.282	.222	8	.161	1...	z	8	34351...	85536	1.909	11.853	...	H1-1b
3	M3	C5X9	.367	5.1...	2	.149	5...	z	12	34351...	85536	1.909	11.853	...	H1-1b
4	M4	C5X9	.314	.278	4	.168	.2...	y	4	34351...	85536	1.909	11.853	...	H1-1b
5	M5	C5X9	.338	5.1...	10	.147	5...	z	8	34351...	85536	1.909	11.853	...	H1-1b
6	M6	C5X9	.331	.222	12	.176	.2...	y	12	34351...	85536	1.909	11.853	...	H1-1b
7	M7	C5X9	.336	2.9...	2	.162	2...	y	11	37142...	85536	1.909	11.853	...	H1-1b
8	M8	C5X9	.321	2.9...	10	.160	2...	y	11	37142...	85536	1.909	11.853	...	H1-1b
9	M9	C5X9	.310	2.9...	6	.171	2...	y	3	37142...	85536	1.909	11.853	...	H1-1b
10	M13	PL3/8x8	.040	.667	12	.017	.3...	y	6	72912...	97200	.759	16.2	...	H1-1b
11	M14A	PL3/8x8	.024	0	3	.013	.3...	y	2	72912...	97200	.759	16.2	...	H1-1b
12	M18	PL3/8x8	.042	.667	4	.018	.3...	y	10	72912...	97200	.759	16.2	...	H1-1b
13	M22	C6X8.2	.112	.583	21	.014	1...	z	8	56057...	77436	2.108	13.932	...	H1-1b

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

	Member	Shape	Code Check	Loc...	LC	Shear Check	L...	...	LC	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
14	M25	L3X3X5	.362	3.4...	5	.345	3....	z	13	9491....	57672	2.015	4.012	...	H2-1
15	M26	L3X3X5	.384	3.4...	1	.314	3....	z	23	9491....	57672	2.015	4.043	...	H2-1
16	M27	L3X3X5	.391	3.4...	9	.335	3....	z	17	9491....	57672	2.015	4.058	...	H2-1
17	M34	PL3/8x8	.016	0	10	.010	.3...	y	18	72912...	97200	.759	16.2	...	H1-1b
18	M42	PL3/8x8	.039	.667	12	.012	0	y	16	72912...	97200	.759	15.122	...	H1-1b
19	M50	PL3/8x8	.039	.667	8	.012	0	y	13	72912...	97200	.759	15.04	...	H1-1b
20	M51	C6X8.2	.109	.292	15	.026	.2...	y	10	56057...	77436	2.108	13.932	...	H1-1b
21	M52	L1.75X1...	1.020	.346	6	.373	0	z	6	22516...	26325	.513	1.177	...	H2-1
22	M53	L1.75X1...	.712	.346	8	.239	0	y	8	14539...	26325	.513	1.177	...	H2-1
23	M54	L1.75X1...	.086	2.9...	19	.008	0	y	1	15136...	26325	.513	1.177	...	H2-1
24	M55	L1.75X1...	.139	3.0...	9	.019	0	y	2	14539...	26325	.513	1.177	...	H2-1
25	M56	L1.75X1...	.110	3.0...	6	.015	0	z	12	14539...	26325	.513	1.177	...	H2-1
26	M57	L1.75X1...	.567	0	6	.023	4....	y	6	8076....	26325	.513	1.13	...	H2-1
27	M58	L1.75X1...	.442	0	8	.011	0	y	1	8076....	26325	.513	1.071	...	H2-1
28	M59	L1.75X1...	1.070	.346	2	.395	0	z	2	22516...	26325	.513	1.177	...	H2-1
29	M60	L1.75X1...	.761	.346	4	.284	0	y	4	14539...	26325	.513	1.177	...	H2-1
30	M61	L1.75X1...	.185	1.5...	3	.098	0	y	8	15136...	26325	.513	1.177	...	H2-1
31	M62	L1.75X1...	.138	3.0...	5	.017	0	y	4	14539...	26325	.513	1.177	...	H2-1
32	M63	L1.75X1...	.129	3.0...	1	.017	0	y	1	14539...	26325	.513	1.177	...	H2-1
33	M64	L1.75X1...	.596	0	2	.026	4....	y	2	8076....	26325	.513	1.142	...	H2-1
34	M65	L1.75X1...	.461	0	5	.011	0	y	3	8076....	26325	.513	1.105	...	H2-1
35	M66	L1.75X1...	1.011	.346	10	.378	0	z	10	22516...	26325	.513	1.177	...	H2-1
36	M67	L1.75X1...	.777	.346	12	.292	0	y	12	14539...	26325	.513	1.177	...	H2-1
37	M68	L1.75X1...	.208	1.5...	11	.097	2....	z	2	15136...	26325	.513	1.177	...	H2-1
38	M69	L1.75X1...	.135	3.0...	12	.018	0	y	12	14539...	26325	.513	1.177	...	H2-1
39	M70	L1.75X1...	.125	3.0...	9	.015	0	y	9	14539...	26325	.513	1.177	...	H2-1
40	M71	L1.75X1...	.564	0	10	.025	4....	y	10	8076....	26325	.513	1.134	...	H2-1
41	M72	L1.75X1...	.484	0	1	.010	0	y	5	8076....	26325	.513	1.106	...	H2-1
42	M73	HSS2X2...	.041	.75	3	.033	.75	z	15	54827...	57078	3.037	3.037	...	H1-1b
43	M74	HSS2X2...	.046	.75	9	.040	.75	z	9	54827...	57078	3.037	3.037	...	H1-1b
44	MP2A	PIPE_2.5	.150	1.6...	1	.074	4....		10	35091...	50715	3.596	3.596	...	H1-1b
45	MP1C	PIPE_2.0	.053	5.0...	9	.035	5....		3	18731...	32130	1.872	1.872	...	H1-1b
46	MP4B	PIPE_2.0	.047	5.0...	17	.035	1....		9	18731...	32130	1.872	1.872	...	H1-1b
47	M127	C5X9	.143	0	3	.065	.6...	z	16	65474...	85536	1.909	11.853	...	H1-1b
48	M128	C5X9	.136	0	8	.039	.28	z	8	76029...	85536	1.909	11.853	...	H1-1b
49	M129	L2x2x4	.097	2.0...	4	.006	2....	z	4	8872....	30585...	.691	1.563	...	H2-1
50	M130	L2x2x4	.060	2.9...	9	.004	2....	y	2	8872....	30585...	.691	1.546	...	H2-1
51	M131	SR_0.75	.006	.667	14	.012	0		16	9756....	14313...	.179	.179	...	H1-1b
52	M132	SR_0.75	.007	.667	20	.012	0		16	9756....	14313...	.179	.179	...	H1-1b
53	M133	SR_0.75	.007	.667	14	.014	1....		8	9756....	14313...	.179	.179	...	H1-1b
54	M134	SR_0.75	.006	.667	14	.020	1....		9	9756....	14313...	.179	.179	...	H1-1b
55	M135	SR_0.75	.006	.667	14	.022	0		9	9756....	14313...	.179	.179	...	H1-1b
56	M95	C6X8.2	.112	.583	17	.015	1....	z	5	56057...	77436	2.108	13.932	...	H1-1b
57	M96A	C6X8.2	.102	.292	23	.026	.2...	y	6	56057...	77436	2.108	13.932	...	H1-1b
58	M97A	HSS2X2...	.043	.75	11	.035	.75	z	23	54827...	57078	3.037	3.037	...	H1-1b
59	M98A	HSS2X2...	.045	.75	5	.038	.75	z	5	54827...	57078	3.037	3.037	...	H1-1b
60	MP1B	PIPE_2.0	.051	5.0...	5	.039	5....		11	18731...	32130	1.872	1.872	...	H1-1b
61	MP4A	PIPE_2.0	.049	5.0...	24	.039	1....		11	18731...	32130	1.872	1.872	...	H1-1b
62	M105	C6X8.2	.116	.583	22	.018	1....	z	1	56057...	77436	2.108	13.932	...	H1-1b
63	M106	C6X8.2	.102	.292	15	.028	.2...	y	2	56057...	77436	2.108	13.932	...	H1-1b
64	M107A	HSS2X2...	.043	.75	7	.036	1.5	z	1	54827...	57078	3.037	3.037	...	H1-1b
65	M108A	HSS2X2...	.052	.75	1	.044	.75	z	1	54827...	57078	3.037	3.037	...	H1-1b
66	MP1A	PIPE_2.0	.058	5.0...	1	.042	5....		1	18731...	32130	1.872	1.872	...	H1-1b
67	MP4C	PIPE_2.0	.045	5.0...	21	.042	1....		1	18731...	32130	1.872	1.872	...	H1-1b
68	M117	SR_0.5	.655	0	19	.264	0		18	4502....	6350.4	.052	.052	...	H1-1b
69	M118A	SR_0.5	.655	0	19	.262	0		20	4502....	6350.4	.052	.052	...	H1-1b
70	M121	PIPE_2.0	.030	1.3...	1	.041	.2...		12	29344...	32130	1.872	1.872	1	H1-1b

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

	Member	Shape	Code Check	Loc...	LC	Shear Check	L...	...	LC	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
71	M124	SR_0.5	.644	0	13	.259	0		13	4502....	6350.4	.052	.052	...	H1-1b
72	M125	SR_0.5	.650	0	13	.255	0		13	4502....	6350.4	.052	.052	...	H1-1b
73	MP3A	PIPE_2.0	.068	3.4...	7	.106	3....		11	18731...	32130	1.872	1.872	1	H1-1b
74	M127B	SR_0.5	.668	0	14	.275	0		24	4502....	6350.4	.052	.052	...	H1-1b
75	M128A	SR_0.5	.668	0	23	.271	0		17	4502....	6350.4	.052	.052	...	H1-1b
76	M131A	PIPE_2.0	.023	.625	13	.048	1....		11	31533...	32130	1.872	1.872	1	H1-1b
77	M134A	SR_0.5	.684	0	22	.268	0		17	4502....	6350.4	.052	.052	...	H1-1b
78	M135A	SR_0.5	.683	0	18	.269	0		23	4502....	6350.4	.052	.052	...	H1-1b
79	MP2C	PIPE_2.5	.149	4.6...	9	.074	4....		6	35091...	50715	3.596	3.596	...	H1-1b
80	M143	SR_0.5	.669	0	14	.265	0		15	4502....	6350.4	.052	.052	...	H1-1b
81	M144	SR_0.5	.676	0	14	.261	0		15	4502....	6350.4	.052	.052	...	H1-1b
82	M147	PIPE_2.0	.030	1.3...	1	.040	.2...		8	29344...	32130	1.872	1.872	1	H1-1b
83	M150	SR_0.5	.652	0	19	.260	0		21	4502....	6350.4	.052	.052	...	H1-1b
84	M151	SR_0.5	.654	0	19	.257	0		21	4502....	6350.4	.052	.052	...	H1-1b
85	MP3C	PIPE_2.0	.050	3.4...	3	.093	3....		8	18731...	32130	1.872	1.872	...	H1-1b
86	M159	SR_0.5	.727	0	24	.269	0		21	4502....	6350.4	.052	.052	...	H1-1b
87	M160	SR_0.5	.719	0	24	.274	0		13	4502....	6350.4	.052	.052	...	H1-1b
88	M163	PIPE_2.0	.023	.625	13	.050	.6...		2	31533...	32130	1.872	1.872	1	H1-1b
89	M166	SR_0.5	.719	0	18	.278	0		15	4502....	6350.4	.052	.052	...	H1-1b
90	M167	SR_0.5	.723	0	18	.273	0		19	4502....	6350.4	.052	.052	...	H1-1b
91	MP2B	PIPE_2.5	.149	4.6...	5	.085	4....		5	35091...	50715	3.596	3.596	...	H1-1b
92	M175	SR_0.5	.671	0	13	.265	0		23	4502....	6350.4	.052	.052	...	H1-1b
93	M176	SR_0.5	.670	0	23	.262	0		24	4502....	6350.4	.052	.052	...	H1-1b
94	M179	PIPE_2.0	.030	1.3...	1	.043	2....		10	29344...	32130	1.872	1.872	1	H1-1b
95	M182	SR_0.5	.655	0	19	.262	0		17	4502....	6350.4	.052	.052	...	H1-1b
96	M183	SR_0.5	.655	0	18	.256	0		18	4502....	6350.4	.052	.052	...	H1-1b
97	MP3B	PIPE_2.0	.050	3.4...	11	.092	1....		10	18731...	32130	1.872	1.872	...	H1-1b
98	M191	SR_0.5	.722	0	13	.274	0		16	4502....	6350.4	.052	.052	...	H1-1b
99	M192	SR_0.5	.726	0	14	.269	0		22	4502....	6350.4	.052	.052	...	H1-1b
100	M195	PIPE_2.0	.023	.625	13	.049	.0...		4	31533...	32130	1.872	1.872	1	H1-1b
101	M198	SR_0.5	.723	0	20	.274	0		21	4502....	6350.4	.052	.052	...	H1-1b
102	M199	SR_0.5	.720	0	20	.275	0		16	4502....	6350.4	.052	.052	...	H1-1b
103	M202	L3X3X5	.016	.979	9	.017	0	y	6	51595...	56070	1.959	4.445	...	H2-1

VzW SMART Tool© Vendor

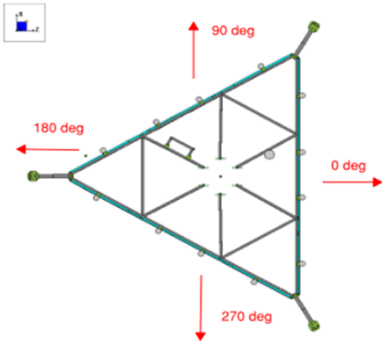
Client:	Verizon Wireless	Date:	4/4/2022
Site Name:	SOUTHBURY CT		
PSLC #:	467553		
Fuze ID #:	16092569	Page:	1

Version 1.0

I. Mount-to-Tower Connection Check

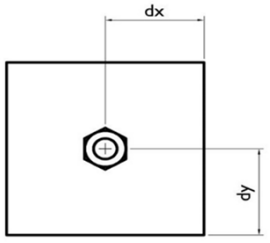
Custom Orientation Required	Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N79A	60
N77A	60
N78A	60
N72	180
N8	180
N73	180
N75A	300
N74	300
N76A	300



Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

Bolt Quantity per Reaction:	1
d_x (in) *(Delta X of typ. bolt config. sketch)* :	1.5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	1.5
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength / bolt (kips):	0.0
Required Shear Strength / bolt (kips):	8.1
Tensile Capacity / bolt (kips):	29.8
Shear Capacity / bolt (kips):	17.9
Bolt Overall Utilization:	**45.3%**



NO MOMENT RESISTANCE

Tower Connection Baseplate Checks	No

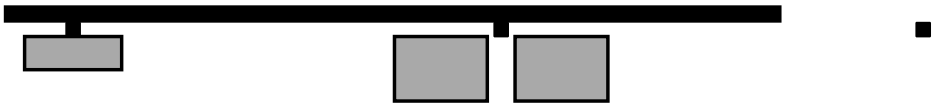
Structure: 467553-VZW - SOUTHBURY CT

Sector: **A** 3/30/2022

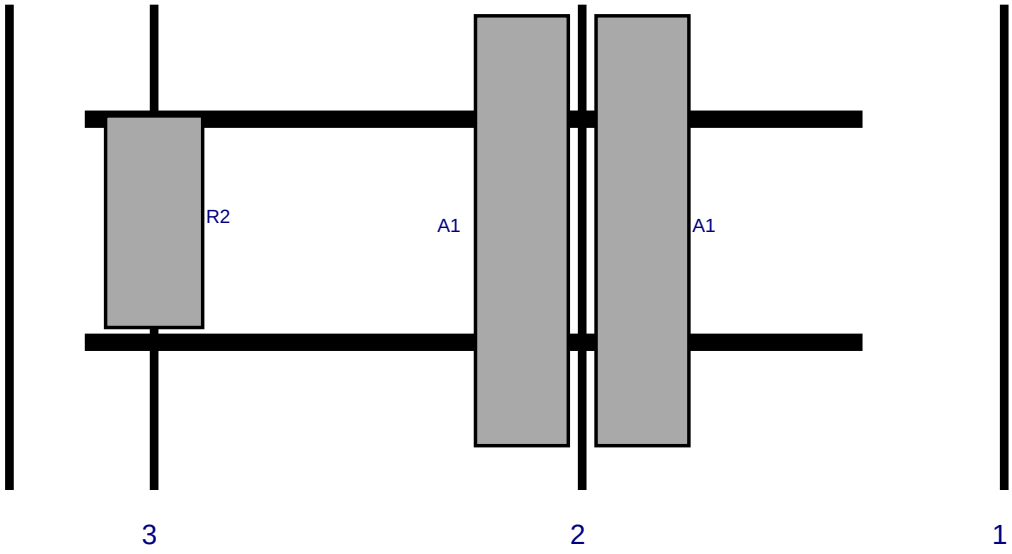
Structure Type: Monopole 10126708

Mount Elev: 228.00 Page: 1

Plan View

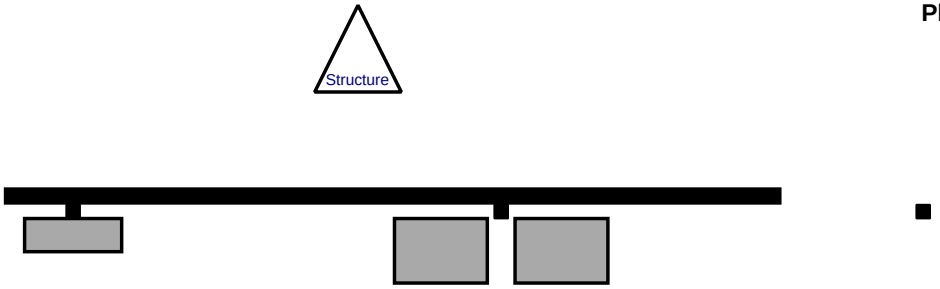


Front View - Looking at Structure

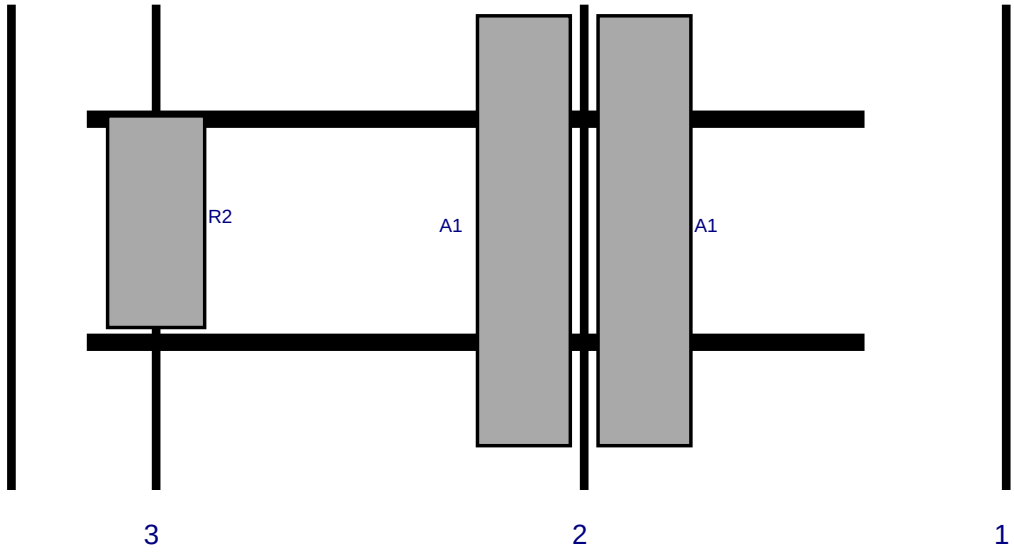


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	82.5	2	a	Front	37.5	10	Added	
A1	MX06FRO660-03	71.3	15.4	82.5	2	b	Front	37.5	-10	Added	
R2	MT6407-77A	35.1	16.1	11.5	3	a	Front	36	0	Added	
M68	RRFDC-3315-PF-48	29.5	16.5		Member					Retained	03/24/2022

Plan View

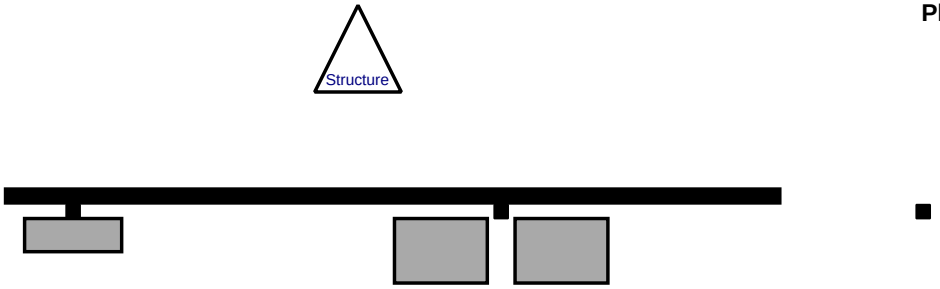


Front View - Looking at Structure

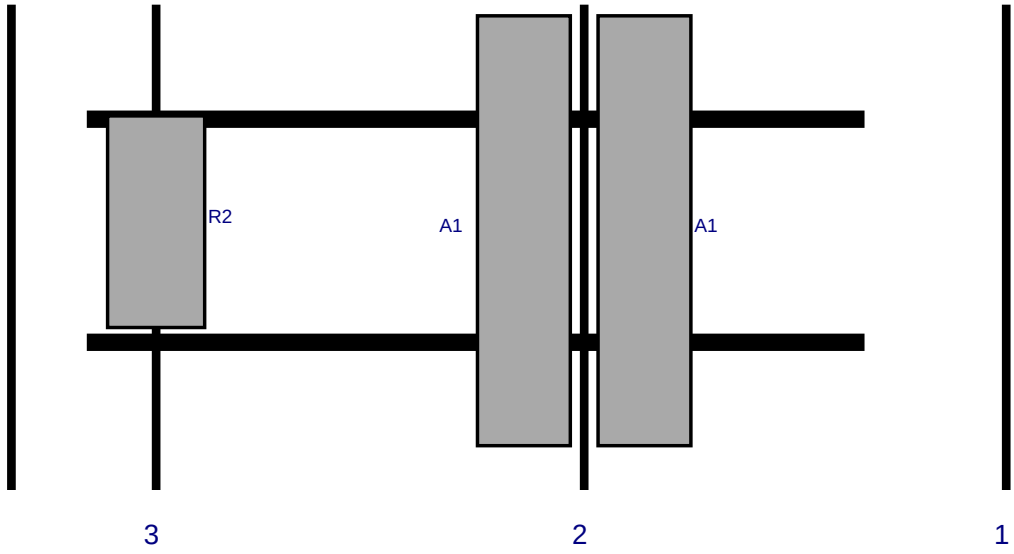


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	82.5	2	a	Front	37.5	10	Added	
A1	MX06FRO660-03	71.3	15.4	82.5	2	b	Front	37.5	-10	Added	
R2	MT6407-77A	35.1	16.1	11.5	3	a	Front	36	0	Added	

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
A1	MX06FRO660-03	71.3	15.4	82.5	2	a	Front	37.5	10	Added	
A1	MX06FRO660-03	71.3	15.4	82.5	2	b	Front	37.5	-10	Added	
R2	MT6407-77A	35.1	16.1	11.5	3	a	Front	36	0	Added	

Exhibit F

Power Density/RF Emissions Report

Site Name: ***SOUTHBURY 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	646	2583	230	0.0018	0.5007	0.35%
VZW Cellular	874	4	646	2583	230	0.0018	0.5827	0.30%
VZW PCS	1975	4	1494	5974	230	0.0041	1.0000	0.41%
VZW AWS	2120	4	1698	6793	230	0.0046	1.0000	0.46%
VZW CBAND	3730.08	2	13335	26670	230	0.0181	1.0000	1.81%
Total Percentage of Maximum Permissible Exposure								3.33%

*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.