CROWN CASTLE

1 Cityplace Dr, Suite 490

Creve Coeur, MO 63141

Phone: (314) 513-0147

www.crowncastle.com

October 12, 2021

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

RE: **Notice of Exempt Modification for Verizon**
Crown Site ID# 842867; Verizon Site ID# 468456
497 Middle Turnpike Storrs Mansfield, CT 06268
Latitude: 41.825781 / Longitude: -72.281794

Ms. Bachman:

Verizon currently maintains twelve (12) antennas at the 109-foot mount on the existing 120-foot Monopole Tower located at 497 Middle Turnpike Storrs Mansfield, CT. The property is owned by CMC Storrs SPV LLC and the Tower by Crown Castle. Verizon now intends to replace nine (9) existing 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:
(3) Andrew HBXX-6517DS-A2M Antennas **(REMOVE) –** (3) Samsung MT6407-77A Antennas **(REPLACE)**

(3) Andrew HBXX-6517DS-A2M Antennas **(REMOVE)** (3) Commscope NHH-65B-R2B Antennas **(REPLACE)**

(3) Andrew - LNX-6514DS-A1M Antennas **(REMOVE) -** (3) Commscope NHHSS-65B-R2BTO Antennas **(REPLACE)**

(3) Nokia UHIC B4 RRH 2X60-4R Radios **(REMOVE) -** (3) Samsung RF4439D-25A Radios **(REPLACE)**

(3) Nokia UHBA B13 RRH 4X30 Radios (**REMOVE) -** (3) Samsung RF4440D-13A Radios **(REPLACE)**

Install New:
(3) Samsung CBRS RRH RT4401-48A Radios

(1) 6 OVP
(1) 12 OVP
(3) Commscope BASMNT SBS-1-2 Dual Mounting Bracket
(1) Support Rail Kit
(3) 90" Long Mount Pipe
(1) 36" Long Mount Pipe

Remove:
(2) DBT1-6Z-8AB-OZ Pendants

Ground:

Remove:
(11) Coax Cables (1 5/8")

The facility was approved by the Connecticut Siting Council by way of an Application for Certificate of Environmental Compatibility on September 12th, 2003.

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 Antonia Moran, Mayor of the Town of Mansfield and Michael Ninteau, Building & Housing Director for the Town of Mansfield. A copy will also be sent to the property owner.

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 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).

1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

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

Sincerely,

Colin Robinson

Colin Robinson
Project Manager
NETWORK BUILDING + CONSULTING
100 Apollo Drive Suite 303
Chelmsford, MA 01824
crobinson@nbcllc.com
(360) 561-3311

cc:

Antonia Moran, Mayor *(Via Federal Express)*
Audrey P. Beck Municipal Building
4 South Eagleville Road, Storrs Mansfield, CT 06268
860.429.3399

Michael Ninteau, Building & Housing Director *(Via Federal Express)*
Audrey P. Beck Municipal Building
4 South Eagleville Road, Storrs Mansfield, CT 06268
860-429-3324

CMC Storrs SPV LLC *(Via Federal Express)*
Attn JZ Investments Inc
1 Harbor Point Rd Unit 1855
Stamford, Ct 06902

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Wednesday, October 13, 2021 10:37 AM
To: Colin Robinson
Subject: FedEx Shipment 774947795941: Your package has been delivered

Hi. Your package was delivered Wed, 10/13/2021 at 10:35am.

Delivered to 100 WASHINGTON BLVD 204, STAMFORD, CT 06902

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 774947795941

FROM
NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO
Attn JZ Investments Inc
CMC Storrs SPV LLC
1 Harbor Point Rd

	Unit 1855 STAMFORD, CT, US, 06902
REFERENCE	100788 842867 Mansfield CT
SHIPPER REFERENCE	100788 842867 Mansfield CT
SHIP DATE	Tue 10/12/2021 06:15 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	STAMFORD, CT, US, 06902
SPECIAL HANDLING	Deliver Weekday Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Wednesday, October 13, 2021 10:27 AM
To: Colin Robinson
Subject: FedEx Shipment 774947750980: Your package has been delivered

Hi. Your package was delivered Wed, 10/13/2021 at 10:25am.

Delivered to 4 S EAGLEVILLE RD, STORRS MANSFIELD, CT 06268
Received by M.MONICA

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 774947750980

FROM
NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO
Building & Housing Director
Michael Ninteau

	4 South Eagleville Road Audrey P. Beck Municipal Building STORRS MANSFIELD, CT, US, 06268
REFERENCE	100788 842867 Mansfield CT
SHIPPER REFERENCE	100788 842867 Mansfield CT
SHIP DATE	Tue 10/12/2021 06:15 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	STORRS MANSFIELD, CT, US, 06268
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

October 13, 2021

Dear Customer,

The following is the proof-of-delivery for tracking number: 774947699680

Delivery Information:

Status:	Delivered	**Delivered To:**	Receptionist/Front Desk
Signed for by:	M.MONICA	**Delivery Location:**	4 S EAGLEVILLE RD
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		STORRS MANSFIELD, CT, 06268
		Delivery date:	Oct 13, 2021 10:25

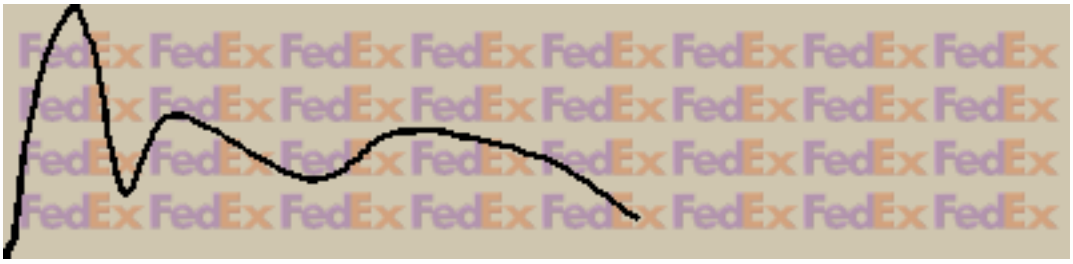
Shipping Information:

Tracking number:	774947699680	**Ship Date:**	Oct 12, 2021
		Weight:	1.0 LB/0.45 KG

Recipient:
Antonia Moran, Audrey P. Beck Municipal Building
4 South Eagleville Road
STORRS MANSFIELD, CT, US, 06268

Shipper:
Colin Robinson, NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

Reference 100788 842867 Mansfield CT



Thank you for choosing FedEx

Exhibit A

Original Facility Approval

DOCKET NO. 247 – AT&T Wireless PCS, LLC d/b/a AT&T Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility in Mansfield, Connecticut.

} Connecticut

} Siting

} Council

September 12, 2003

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to AT&T Wireless PCS, LLC (AT&T) for the construction, maintenance and operation of a wireless telecommunications facility at proposed Site A-1 located at 497 Middle Turnpike, Mansfield, Connecticut. We deny certification of the proposed Site B located off Cedar Swamp Road, Mansfield, Connecticut.

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

1. There shall be a minimal shift in the tower's location in a southerly direction to the extent necessary to keep the tower's setback radius within the host property's boundaries.

2. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of AT&T and other entities, both public and private, but such tower shall not exceed a height of 120 feet above ground level.

3. Construction activities shall be conducted between November 1 and April 1 in order to minimize possible disturbance of any *Clemmys insculpta* (wood turtles) in the vicinity of the site.

4. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include:

a. a detailed site development plan that depicts the location of the access road, compound, tower, and utility line;

b. specifications for the tower, tower foundation, antennas, equipment building, and security fence;

c. construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

5. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power densities of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall provide a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
6. Upon the establishment of any new state or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
7. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing. Should the local municipality have a need to locate antennas on this tower, the Certificate Holder shall provide appropriate space on the tower with no lease charges.
8. If the facility does not initially provide wireless services within one year of completion of construction or ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
9. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.
10. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The Hartford Courant.

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 Connecticut State Agencies.

The parties and intervenors to this proceeding are:

Applicant	**Its Representative**
AT&T Wireless PCS, LLC d/b/a AT&T Wireless	Christopher B. Fisher, Esq. Cuddy & Feder & Worby LLP 90 Maple Avenue White Plains, NY 10601 (914) 761-1300 (914) 761-6405 - fax

Exhibit B

Property Card

Property Location 497 MIDDLE TPKE | Map ID 8/ 14/ 19/ / | Bldg Name | State Use 201
Vision ID 5973 | Account # 8 14 19 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 2 | Print Date 2/26/2021 12:17:59 P

CURRENT OWNER

CMC STORRS SPV LLC
ATTN JZ INVESTMENTS INC
325 5TH AVE APT 10E
NEW YORK NY 10016

TOPO		UTILITIES		STRT / ROAD		LOCATION	
1	Level	1	Well	1	Paved	2	Suburban
4	Rolling	2	Septic			4	Bus. District

SUPPLEMENTAL DATA

Alt Prcl ID
Census 8813
Devel. Lot
GIS ID 8.14.19
Assoc Pid#

CURRENT ASSESSMENT

Description	Code	Appraised	Assessed
Com Land	2-1	444,700	311,300
Com Bldg	2-2	321,800	225,300
Com OB	2-5	252,800	177,000
Ind Land	3-1	153,000	107,100
	Total	1,172,300	820,700

6078

MANSFIELD, CT

VISION

RECORD OF OWNERSHIP

RECORD OF OWNERSHIP	BK-VOL/PAGE		SALE DATE	Q/U	V/I	SALE PRICE	VC
CMC STORRS SPV LLC	799	538	12-21-2018	U	I	1,100,000	81
BRODIN ANN TRUSTEE OF THE	763	988	05-14-2014	U	I	0	
BRODIN ANN TRUSTEE OF THE	757	131	09-06-2013	U	I	0	01
BRODIN BERNARD R	699	309	12-21-2010	U	V	58,000	00
BRODIN BERNARD R EST OF	185	259	12-12-1980	U	I	0	

PREVIOUS ASSESSMENTS (HISTORY)

Year	Code	Assessed	Year	Code	Assessed	Year	Code	Assessed
2020	2-1	311,300	2019	2-1	311,300	2019	2-1	311,300
	2-2	225,300		2-2	225,300		2-2	225,300
	2-5	177,000		2-5	177,000		2-5	177,000
	3-1	107,100		3-1	107,100		3-1	107,100
	Total	820700		Total	820700		Total	820700

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

This signature acknowledges a visit by a Data Collector or Assessor

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	321,800
Appraised Xf (B) Value (Bldg)	0
Appraised Ob (B) Value (Bldg)	252,800
Appraised Land Value (Bldg)	597,700
Special Land Value	0
Total Appraised Parcel Value	1,172,300
Valuation Method	C
Total Appraised Parcel Value	1,172,300

ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0001				

NOTES

11/26/2003-PAR3 GOLF ESMT VOL532 PG135
BP#03-04-328TELECOM TOWER AT&T30YR LEASE
02/13/2018-REPLACE ANTENNA PANELS
12/21/2010-2.003AC FROM ABUTTER 8.14.19A
TO BE ADJOINED;SURVEY V38PG58
08/12/2011-DOD B.R.B ANN BRODIN,EXECUTRX
11/13/2013-PROBATE CERT DEVISE V760 P44
V799PG534 PROBATE CNT
2/28/2019-PO RET MAIL SEARCH OF SEC OF
STATE WEBSITE HAS THIS AS OWNER'S ADDR
2021-PO RET MAIL I+E

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
16-17-0459	01-12-2017	CM	Commercial	15,000		100	02-13-2018	REPLACE ANTENNA PANELS
12-13-481	12-06-2012	CM	Commercial	10,000		100		SWAP 6 OF 12 EXISTING AN
12-13-046	07-13-2012	CM	Commercial	25,000		100		ADD 3 LTE ANTENNAS
10-11-053	07-12-2010	RE	Remodel	2,800	08-12-2010	100		REMODELING MTER-FLDBP:
08-09-025	06-23-2008	CM	Commercial	1,000	09-23-2008	100		SIGN MTER-FLDBP:09/23/20
05-06-409	11-30-2005	CM	Commercial	5,800	10-19-2006	100		SIGN MTER-FLDBP:10/19/20
03-04-328	11-26-2003	CM	Commercial			100		CELL TOWER - MTER-FLDBP

VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result
05-28-2019	WG			35	Field Review
09-06-2014	RH			01	Measured
06-21-2011	IL			16	Appraiser Date
01-20-2000	BM			15	Collector Date

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	Land Type	Land Units		Unit Price	I. Factor	Site Index	Cond.	Nbhd.	Nbhd Adj	Notes	Location Adjustment		Adj Unit Pric	Land Value
1	201	Commercial Impr	RAR		2.000	AC	135,000	1.00000	5	1.00	C100	1.000			0	135,000	270,000
1	200E	Commercial Exc			9.000	AC	20,000	1.00000	0	1.00		1.000			0	14,000	126,000
1	200E	Commercial Exc			19.880	AC	3,500	1.00000	0	1.00		1.000			0	2,450	48,700
1	350	Cell Tower			1.000	BL	153,000	1.00000	0	1.00		1.000	CELL SITE		0	153,000	153,000
		Total Card Land Units			30.880	AC	Parcel Total Land Area:		30.8800							Total Land Value	597,700

Property Location	497 MIDDLE TPKE	Map ID	8/ 14/ 19/ /	Bldg Name		State Use	201
Vision ID	5973	Account #	8 14 19	Bldg #	1	Sec # 1 of 1	Card # 1 of 2	Print Date	2/26/2021 12:18:00 P

CONSTRUCTION DETAIL

Element	Cd	Description
Style:	19	Store
Model	94	Comm/Ind
Grade	04	D
Stories:	2	
Occupancy	2.00	
Exterior Wall 1	17	Stucco on Mas.
Exterior Wall 2		
Roof Structure	03	Gable
Roof Cover	03	Asphalt Shingl
Interior Wall 1	05	Drywall
Interior Wall 2		
Interior Floor 1	14	Carpet
Interior Floor 2		
Heating Fuel	03	Gas
Heating Type	05	Hot Water
AC Type	04	Unit/AC
Bldg Use	201	Commercial Improv
Heat/AC	02	HEAT/AC SPLIT
Frame Type	03	MASONRY
Baths/Plumbing	02	AVERAGE
Ceiling/Wall	06	CEIL & WALLS
Rooms/Prtns	02	AVERAGE
Wall Height	10.00	
1st Floor Use:		

CONSTRUCTION DETAIL (CONTINUED)

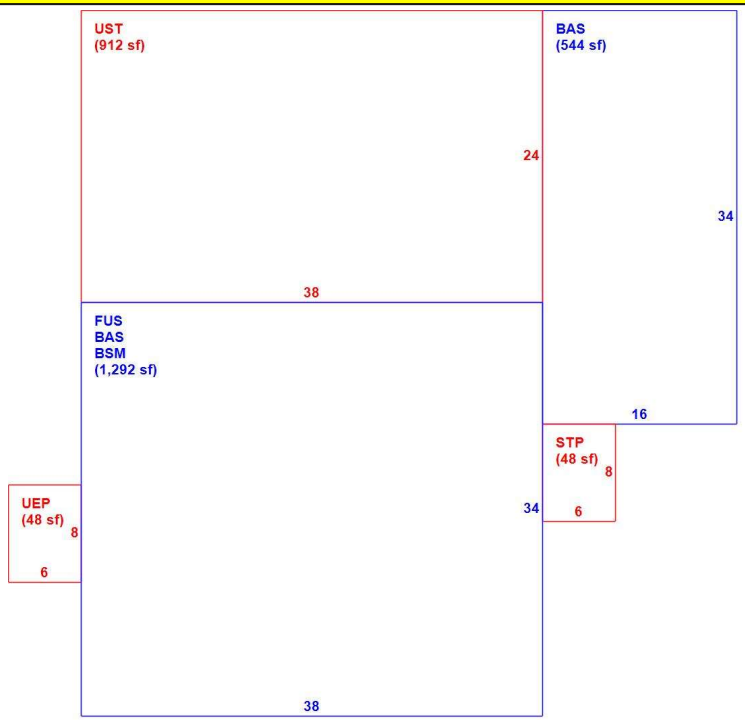
Element	Cd	Description

MIXED USE

Code	Description	Percentage
201	Commercial Improv	100
		0
		0

COST / MARKET VALUATION

RCN	
Year Built	1928
Effective Year Built	
Depreciation Code	F
Remodel Rating	
Year Remodeled	
Depreciation %	47
Functional Obsol	10
Economic Obsol	
Trend Factor	1
Condition	
Condition %	
Percent Good	43
RCNLD	115,400
Dep % Ovr	
Dep Ovr Comment	
Misc Imp Ovr	
Misc Imp Ovr Comment	
Cost to Cure Ovr	
Cost to Cure Ovr Comment	



OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)

Code	Description	L/B	Units	Unit Price	Yr Blt	Cond. Cd	% Good	Grade	Grade Adj	Appr. Value
PAV1	Paving	L	9,000	1.80	1980	F	50		0	8,100
FGR1	Garage	L	1,024	24.00	1997	A	70	C	1.00	17,200

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
BAS	First Floor	1,836	1,836		72.73	133,525
BSM	Basement	0	1,292		14.52	18,763
FUS	Finished Upper Story	1,292	1,292		72.73	93,962
STP	Stoop	0	48		7.58	364
UEP	Utility Enclosed Porch	0	48		36.36	1,745
UST	Utility Storage	0	912		21.85	19,927
	Ttl Gross Liv / Lease Area	3,128	5,428			268,286

Property Location 497 MIDDLE TPKE | Map ID 8/ 14/ 19/ / | Bldg Name | State Use 201
Vision ID 5973 | Account # 8 14 19 | Bldg # 2 | Sec # 1 of 1 | Card # 2 of 2 | Print Date 2/26/2021 12:18:00 P

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CMC STORRS SPV LLC
ATTN JZ INVESTMENTS INC
325 5TH AVE APT 10E
NEW YORK NY 10016

TOPO	UTILITIES	STRT / ROAD	LOCATION
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4 Rolling	2 Septic		4 Bus. District

SUPPLEMENTAL DATA

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Census 8813
Devel. Lot
GIS ID 8.14.19
Assoc Pid#

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BRODIN ANN TRUSTEE OF THE	757	131	09-06-2013	U	I	0	01
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	2-2	225,300		2-2	225,300		2-2	225,300
	2-5	177,000		2-5	177,000		2-5	177,000
	3-1	107,100		3-1	107,100		3-1	107,100
	Total	820700		Total	820700		Total	820700

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

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ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0001				

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Special Land Value	0
Total Appraised Parcel Value	1,172,300
Valuation Method	C
Total Appraised Parcel Value	1,172,300

NOTES

1995-9 HOLE GOLF COURSE
11/26/2003-PAR3 GOLF CL&P ESMT V532 P135
BP#03-04-328TELECOM TOWER AT&T30YR LEASE
01/10/2008-CO(BP#07-08-377)CELL ANTENNAE
&SHED

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments

VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	Land Type	Land Units		Unit Price	I. Factor	Site Index	Cond.	Nbhd.	Nhbd Adj	Notes	Location Adjustment		Adj Unit Pric	Land Value
2	201	Commercial Impr				SF	0	1.00000		1.00		1.000			0	0	0
		Total Card Land Units			0.000	AC	Parcel Total Land Area:			30.8800						Total Land Value	597,700

Property Location 497 MIDDLE TPKE | Map ID 8/ 14/ 19/ / | Bldg Name | State Use 201
Vision ID 5973 | Account # 8 14 19 | Bldg # 2 | Sec # 1 of 1 | Card # 2 of 2 | Print Date 2/26/2021 12:18:01 P

CONSTRUCTION DETAIL

Element	Cd	Description
Style:	19	Store
Model	94	Comm/Ind
Grade	06	C-
Stories:	1	
Occupancy	1.00	
Exterior Wall 1	25	Vinyl
Exterior Wall 2		
Roof Structure	03	Gable
Roof Cover	03	Asphalt Shingl
Interior Wall 1	05	Drywall
Interior Wall 2		
Interior Floor 1	14	Carpet
Interior Floor 2		
Heating Fuel	02	Oil
Heating Type	04	Forced Air
AC Type	03	Central
Bldg Use	201	Commercial Improv
Heat/AC	01	HEAT/AC PKGS
Frame Type	02	WOOD FRAME
Baths/Plumbing	02	AVERAGE
Ceiling/Wall	06	CEIL & WALLS
Rooms/Prtns	02	AVERAGE
Wall Height	10.00	
1st Floor Use:		

CONSTRUCTION DETAIL (CONTINUED)

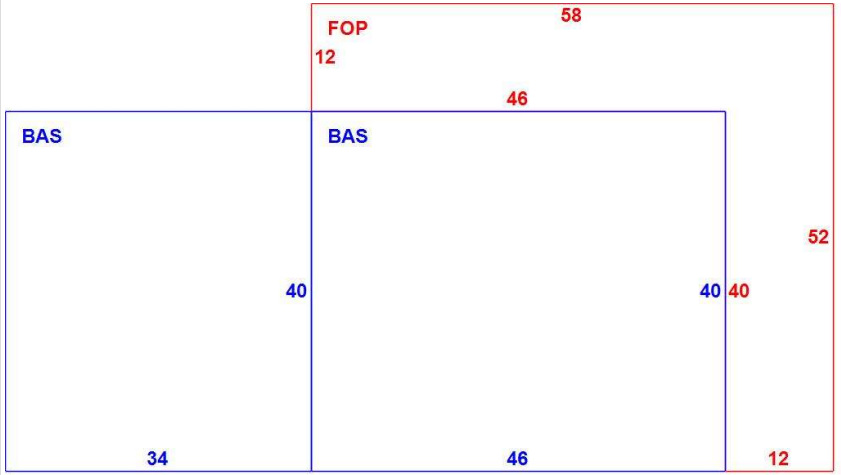
Element	Cd	Description

MIXED USE

Code	Description	Percentage
201	Commercial Improv	100
		0
		0

COST / MARKET VALUATION

RCN	
Year Built	1996
Effective Year Built	
Depreciation Code	A
Remodel Rating	
Year Remodeled	
Depreciation %	16
Functional Obsol	
Economic Obsol	10
Trend Factor	1
Condition	
Condition %	
Percent Good	74
RCNLD	206,400
Dep % Ovr	
Dep Ovr Comment	
Misc Imp Ovr	
Misc Imp Ovr Comment	
Cost to Cure Ovr	
Cost to Cure Ovr Comment	



OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)

Code	Description	L/B	Units	Unit Price	Yr Blt	Cond. Cd	% Good	Grade	Grade Adj	Appr. Value
SHD1	Shed	L	80	12.00	1996	A	70	C	1.00	700
GLF2	Golf Course Fai	L	9	40000.00	1996	A	70	D	0.90	226,800

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
BAS	First Floor	3,200	3,200		79.82	255,409
FOP	Framed Open Porch	0	1,176		19.95	23,466
	Ttl Gross Liv / Lease Area	3,200	4,376			278,875

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 468456
VERIZON SITE NAME: MANSFIELD CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 120'-0"

BUSINESS UNIT #: 842867
SITE ADDRESS: 497 MIDDLE TURNPIKE STORRS MANSFIELD, CT 06268
COUNTY: TOLLAND
JURISDICTION: CONNECTICUT SITTING COUNCIL

VERIZON 850 ADD 16244624

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	MANSFIELD FOUR CORNERS
SITE ADDRESS:	497 MIDDLE TURNPIKE STORRS MANSFIELD, CT 06268
COUNTY:	TOLLAND
MAP/PARCEL #:	8 14 19
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.825781°
LONGITUDE:	-72.281794°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	559'-0"
CURRENT ZONING:	RAR-90
JURISDICTION:	CONNECTICUT SITTING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	CMC STORES SPV LLC 1 HARBOR POINT RD UNIT 1855 STAMFORD, CT 06902
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	NOT PROVIDED
TELCO PROVIDER:	NOT PROVIDED

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 S. BOULDER AVE. TULSA, OK 74119 MARVIN PHILLIPS marvin.phillips@btgrp.com
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1500 CORPORATE DRIVE CANONSBURG, PA 15317 N/A - PROJECT MANAGER N/A - CONSTRUCTION MANAGER
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	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 22X34. 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.vzwsmart.com
SMART TOOL VENDOR	
PROJECT NUMBER	10090112
VzW LOCATION CODE (PSLC)	16244624

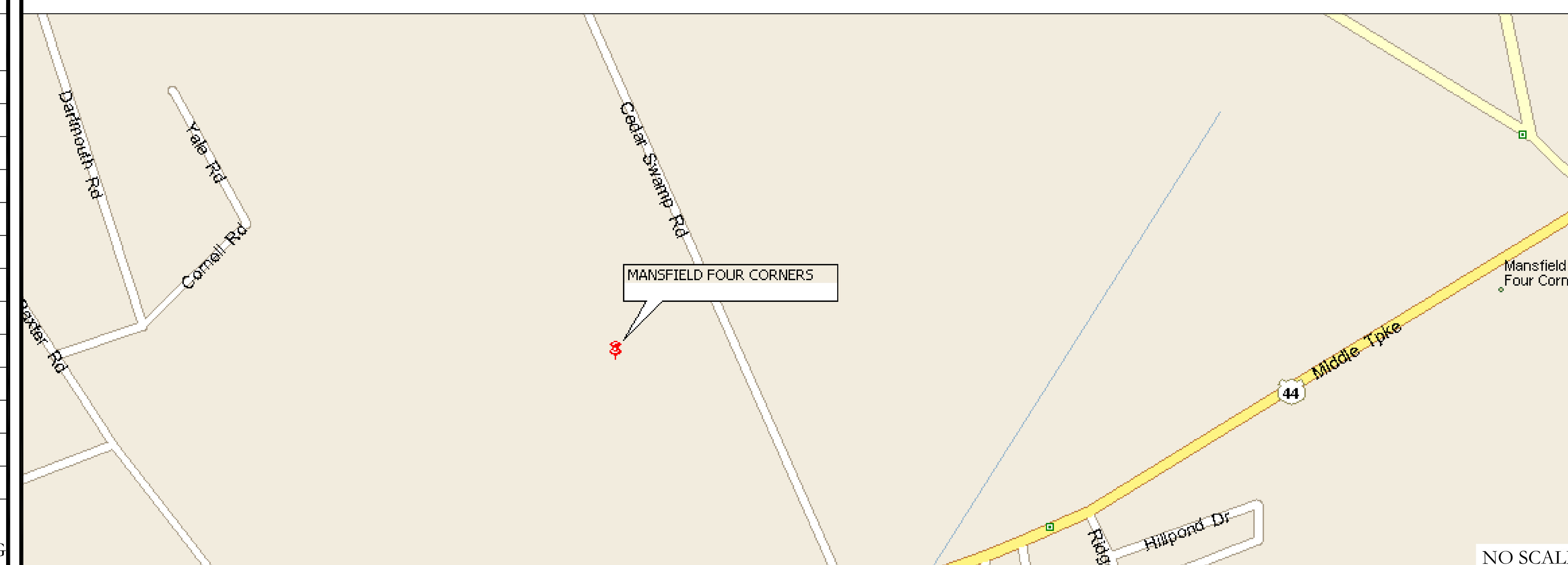
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (361 BOSTON POST ROAD ROUTE, 6, NORTH WINDHAM, CT 06256, UNITED STATES)
TAKE NORTHRIDGE DR TO US-6 W, HEAD SOUTHEAST TOWARD US-6 W, TURN LEFT ONTO NORTHRIDGE DR, CONTINUE ON US-6 W. TAKE CT-32 N TO CEDAR SWAMP RD IN MANSFIELD, TURN RIGHT ONTO US-6 W, USE ANY LANE TO TAKE THE US-6 W RAMP TO WILLIMANTIC/HARTFORD, CONTINUE ONTO US-6 W, TAKE THE CT-32 EXIT TOWARD WILLIMANTIC/STAFFORD SPRINGS, TURN RIGHT ONTO CT-32 N/W MAIN ST, CONTINUE TO FOLLOW CT-32 N, TURN RIGHT ONTO US-44 E, TURN LEFT ONTO CEDAR SWAMP RD.

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	2015 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: B+T GROUP
DATED: 8/10/21

MOUNT ANALYSIS: MASER CONSULTING CONNECTICUT
DATED: 7/30/21

RFDS REVISION: N/A
DATED: 7/13/21

ORDER ID: 582519
REVISION: 0

CALL CONNECTICUT ONE CALL (800) 922-4455 CBYD.COM CALL 2 WORKING DAYS BEFORE YOU DIG! 811

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 (9) ANTENNAS
- REMOVE (6) RADIOs
- REMOVE (2) PENDANTs
- REMOVE (11) COAX CABLES
- INSTALL (9) ANTENNAS
- INSTALL (9) RADIOs
- INSTALL (2) PENDANTs
- INSTALL (1) SUPPORT RAIL KIT
- INSTALL (3) 90" LONG, P2 1/2 STDMOUNT PIPE
- INSTALL (1) 36" LONG, P2 STD OVP PIPE IN GAMMA SECTOR

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

B+T GRP
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
468456

BU #: 842867
MANSFIELD FOUR CORNERS

497 MIDDLE TURNPIKE
STORRS MANSFIELD, CT 06268

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	8/26/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT No. 23824 LICENSED PROFESSIONAL ENGINEER 8/26/21

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:	REVISION:
T-1	0

151918.003.0_MANSFIELD FOUR CORNERS.dwg – Sheet:T-1 – User: jrichardson – Aug 26, 2021 – 8:48am

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.

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

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).

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

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VERIZON SITE NUMBER:
468456

BU #: **842867**
MANSFIELD FOUR CORNERS

497 MIDDLE TURNPIKE
STORRS MANSFIELD, CT 06268

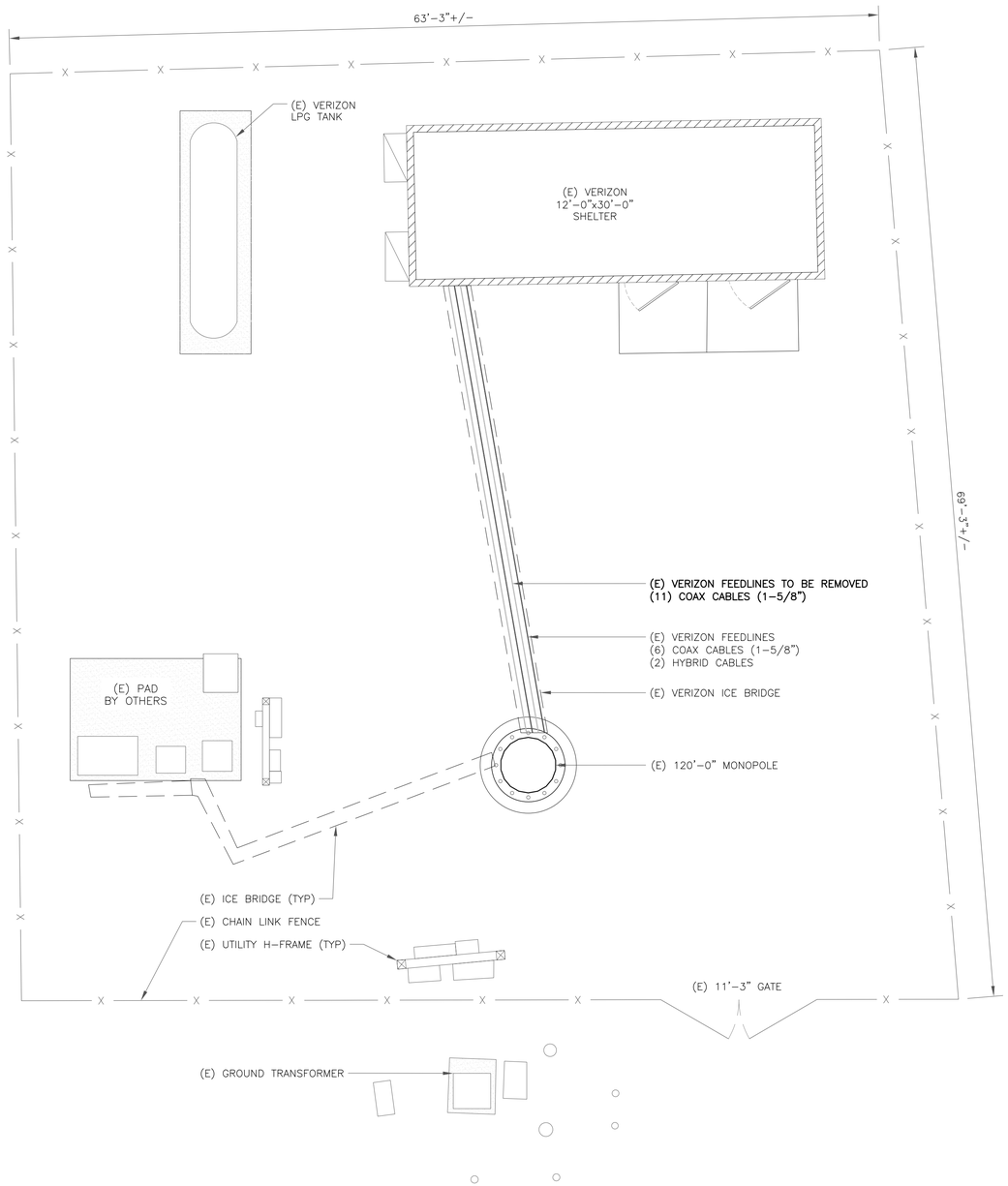
EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	8/26/21	JJR	CONSTRUCTION	JJR

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

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)

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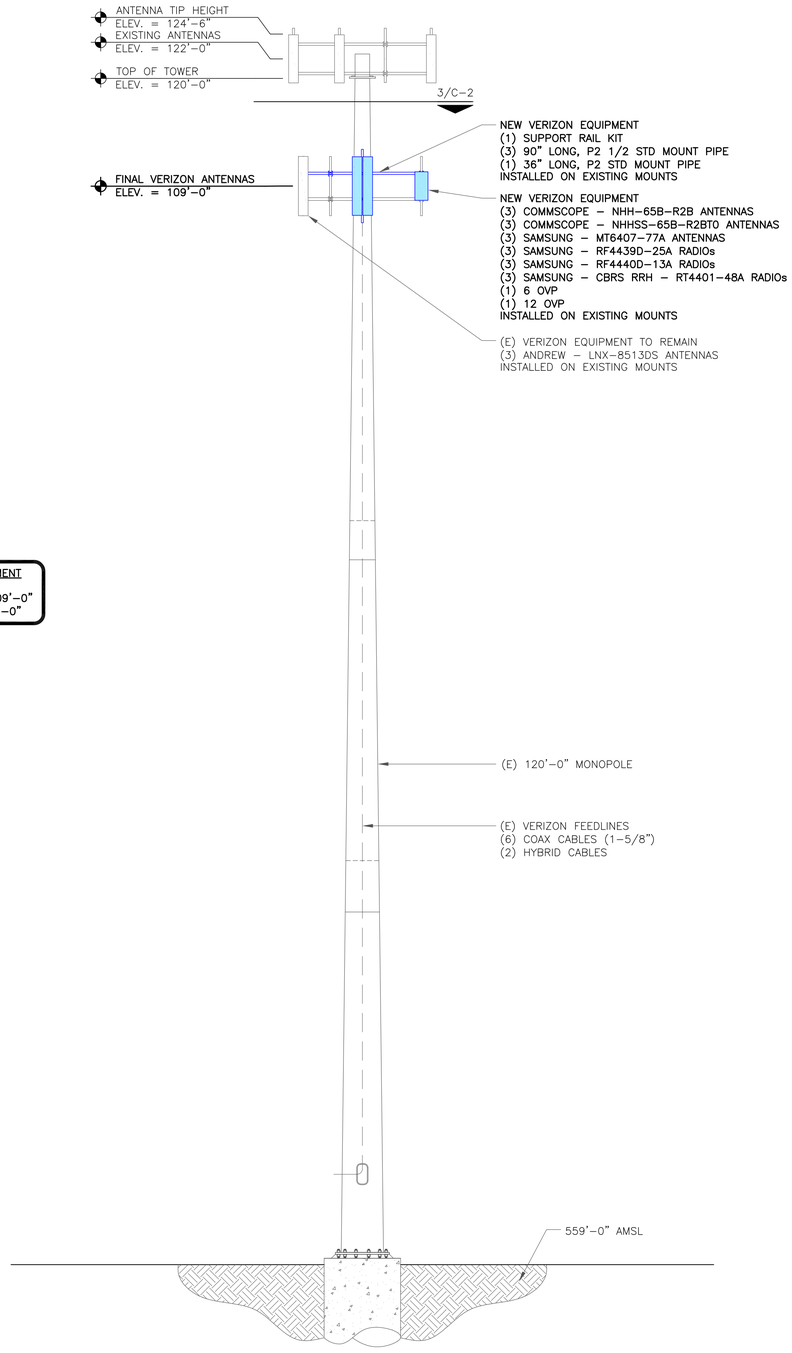
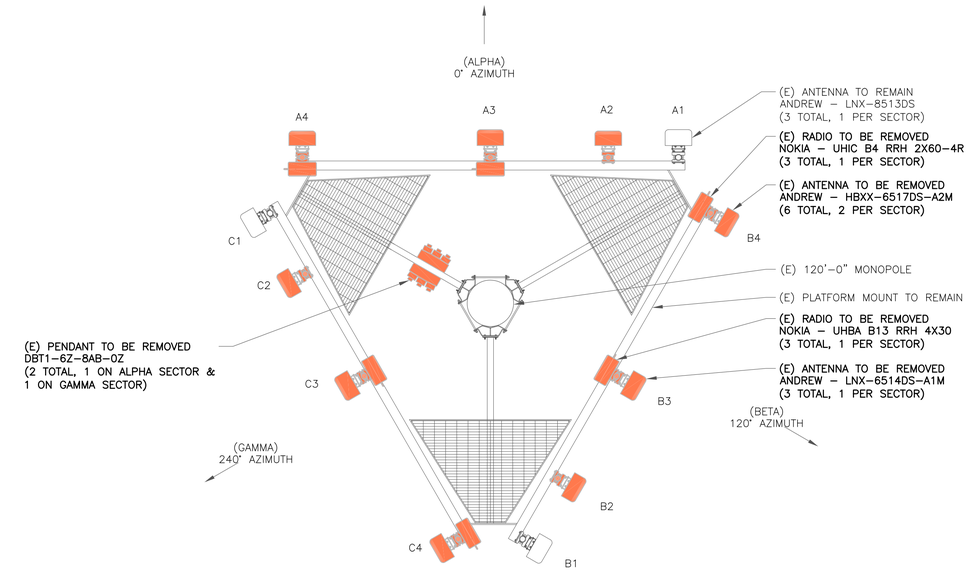
REVISION: 0



VERIZON EQUIPMENT

ANTENNA CL: 109'-0"
MOUNT CL: 109'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
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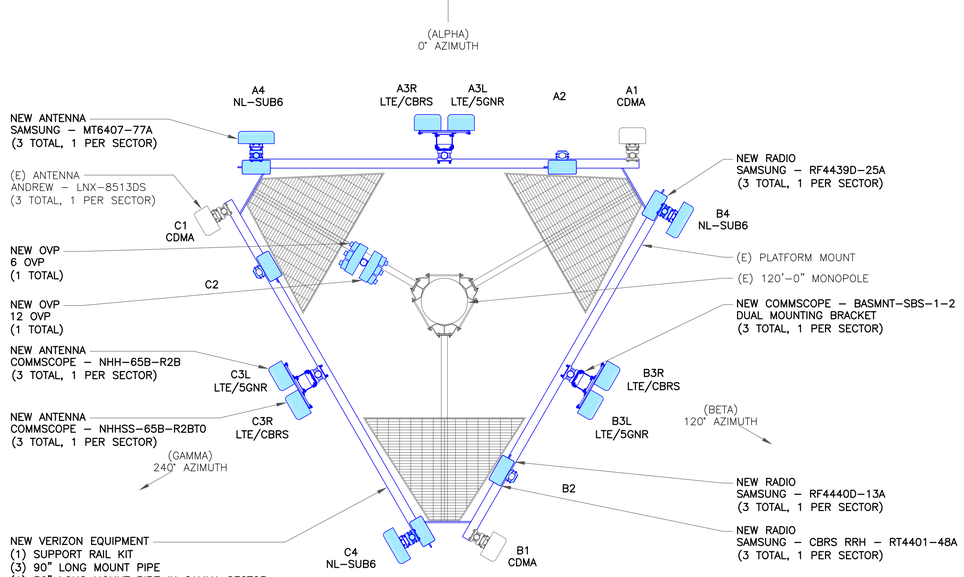
N



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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EXISTING 120'-0" MONOPOLE

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REVISION: 0

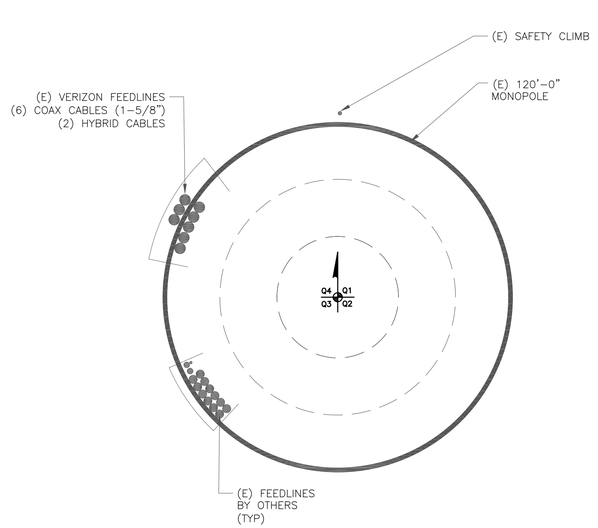
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANDREW	LNX-8513DS	109'-0"	0°	–	–	–	–
A2	–	EMPTY MOUNT PIPE	–	–	–	–	–	–	–
A3L	NEW	COMMSCOPE	NHH-65B-R2B	109'-0"	0°	0°	0°/0°/2°	SAMSUNG	(1) RF4439D-25A
A3R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	109'-0"	0°	0°	0°/2°	SAMSUNG SAMSUNG	(1) RF4440D-13A (1) CBRS RRH – RT4401-48A
A4	NEW	SAMSUNG	MT6407-77A	109'-0"	0°	0°	6°	–	(1) 6 OVP
B1	EXISTING	ANDREW	LNX-8513DS	109'-0"	120°	–	–	–	–
B2	–	EMPTY MOUNT PIPE	–	–	–	–	–	–	–
B3L	NEW	COMMSCOPE	NHH-65B-R2B	109'-0"	120°	0°	5°/5°/2°	SAMSUNG	(1) RF4439D-25A
B3R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	109'-0"	120°	0°	0°/2°	SAMSUNG SAMSUNG	(1) RF4440D-13A (1) CBRS RRH – RT4401-48A
B4	NEW	SAMSUNG	MT6407-77A	109'-0"	120°	0°	6°	–	–
C1	EXISTING	ANDREW	LNX-8513DS	109'-0"	240°	–	–	–	–
C2	–	EMPTY MOUNT PIPE	–	–	–	–	–	–	–
C3L	NEW	COMMSCOPE	NHH-65B-R2B	109'-0"	240°	0°	5°/5°/3°	SAMSUNG	(1) RF4439D-25A
C3R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	109'-0"	240°	0°	0°/3°	SAMSUNG SAMSUNG	(1) RF4440D-13A (1) CBRS RRH – RT4401-48A
C4	NEW	SAMSUNG	MT6407-77A	109'-0"	240°	0°	6°	–	(1) 12 OVP

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	159'-0"±	6
EXISTING	HYBRID	6x12	159'-0"±	2
TOTAL CABLE QTY:				8



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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BU #: **842867**
MANSFIELD FOUR CORNERS

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STORRS MANSFIELD, CT 06268

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

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STATE OF CONNECTICUT
No. 23924
LICENSED PROFESSIONAL ENGINEER
8/26/21

B&T ENGINEERING, INC.
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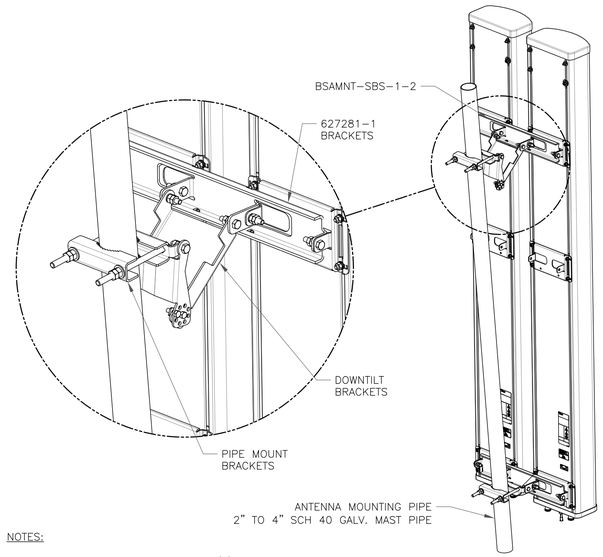
Expires 2/10/22

SHEET NUMBER: C-3
REVISION: 0

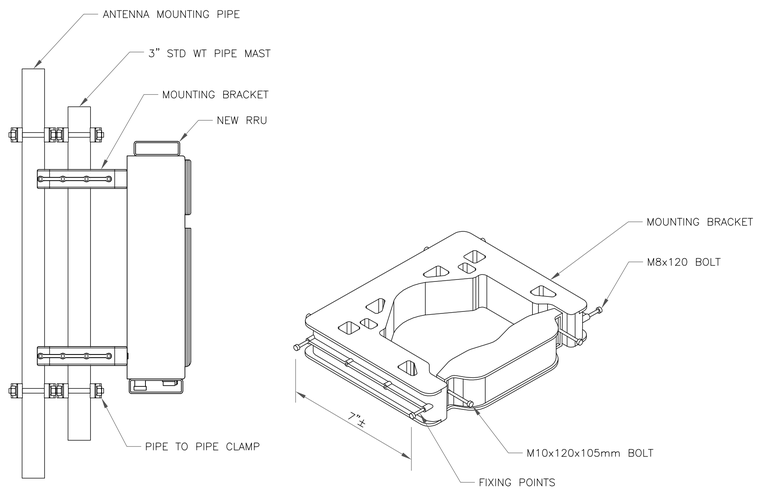


NOTES:

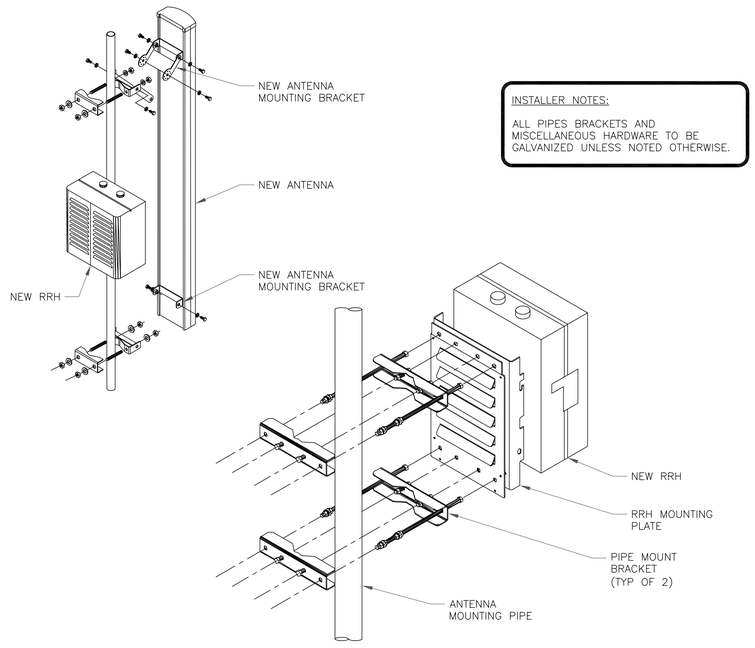
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



3 NOKIA – 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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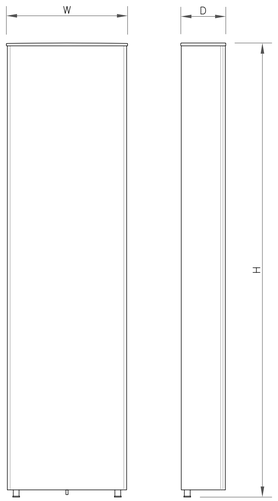
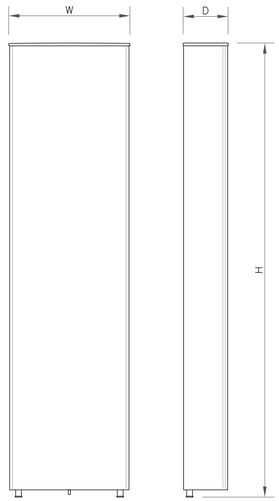
SHEET NUMBER: C-4

REVISION: 0



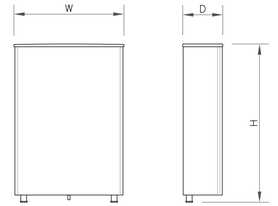
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHH-65B-R2B
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72.00"
WEIGHT	43.70 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



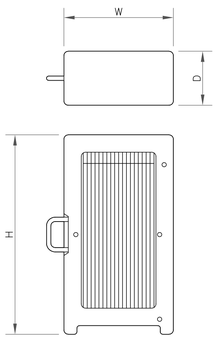
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHHSS-65B-R2BT0
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72.00"
WEIGHT	65.50 LBS

2 ANTENNA SPECS
SCALE: NOT TO SCALE



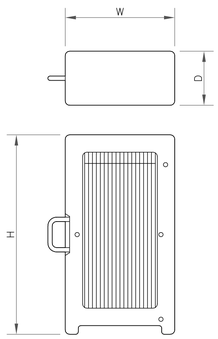
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

3 ANTENNA SPECS
SCALE: NOT TO SCALE



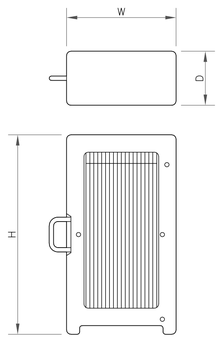
RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4439d-25A
WIDTH	15.0"
DEPTH	8.10"
HEIGHT	15.0"
WEIGHT	70.30 LBS

4 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4440d-13A
WIDTH	15.0"
DEPTH	10.0"
HEIGHT	15.0"
WEIGHT	84.40 LBS

5 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	CBRS RRH - RT4401-48A
WIDTH	8.55"
DEPTH	4.15"
HEIGHT	13.91"
WEIGHT	18.64 LBS

6 RRU SPECS
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

B+T GRP
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
468456

BU #: **842867**
MANSFIELD FOUR CORNERS

497 MIDDLE TURNPIKE
STORRS MANSFIELD, CT 06268

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

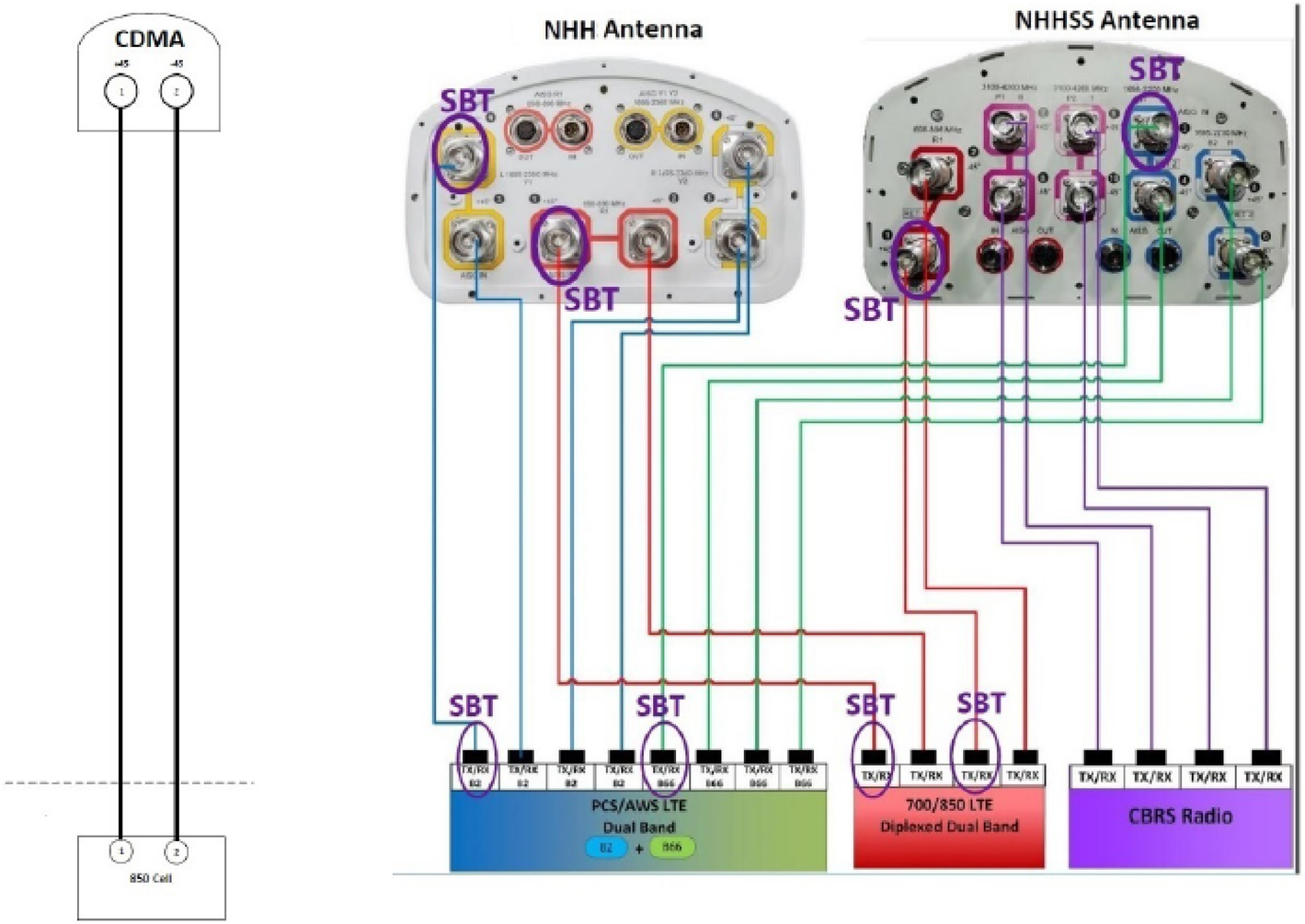
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	8/26/21	JJR	CONSTRUCTION	JJR

8/26/21

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: C-5

REVISION: 0



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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TULSA, OK 74119
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VERIZON SITE NUMBER:
468456

BU #: **842867**
MANSFIELD FOUR CORNERS

497 MIDDLE TURNPIKE
STORRS MANSFIELD, CT 06268

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	8/26/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
8/26/21

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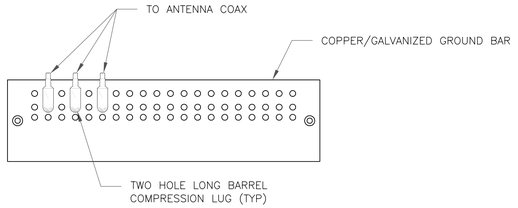
PEC.0001564
Expires 2/10/22

SHEET NUMBER: C-6

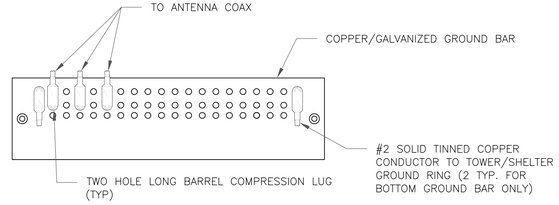
REVISION: 0



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.

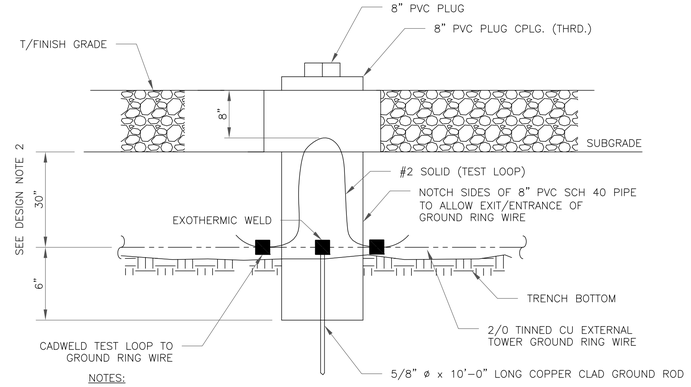
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

1. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
2. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
3. GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.

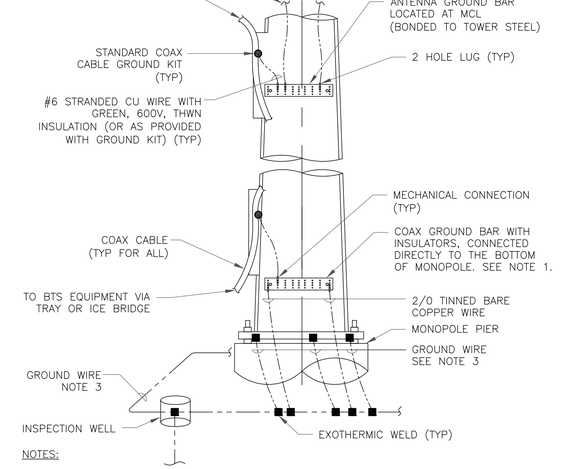
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

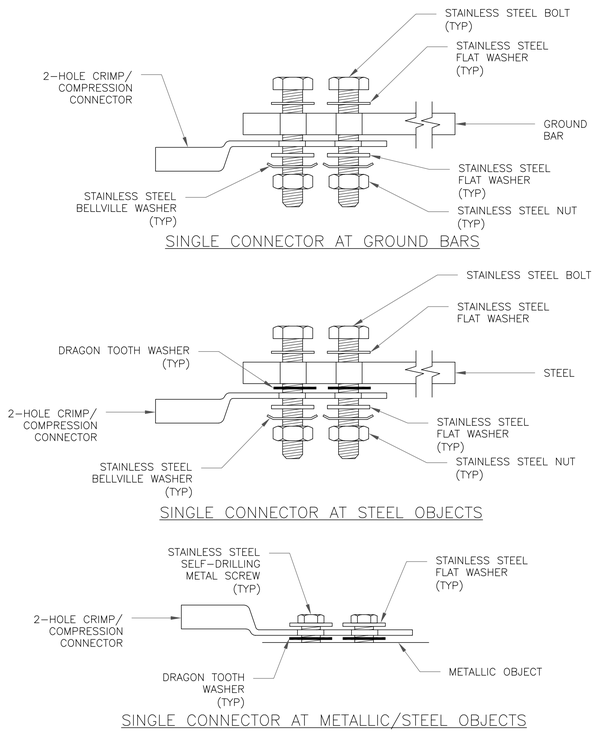
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



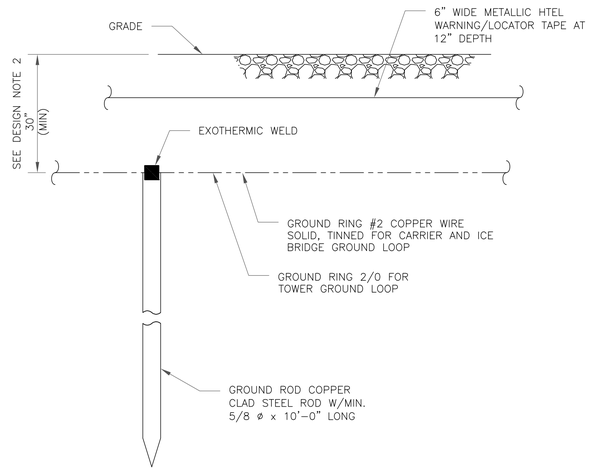
NOTES:

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



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
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CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
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TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
468456

BU #: **842867**
MANSFIELD FOUR CORNERS

497 MIDDLE TURNPIKE
STORRS MANSFIELD, CT 06268

EXISTING 120'-0" MONOPOLE

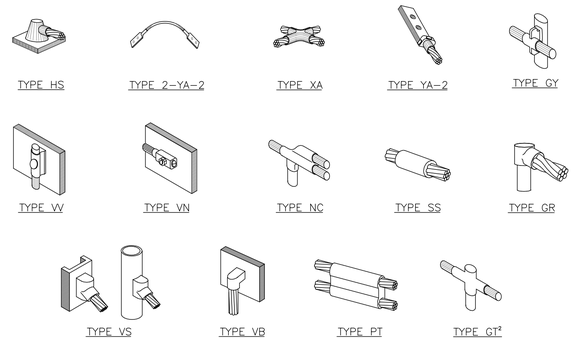
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	8/26/21	JJR	CONSTRUCTION	JJR

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: G-1

REVISION: 0

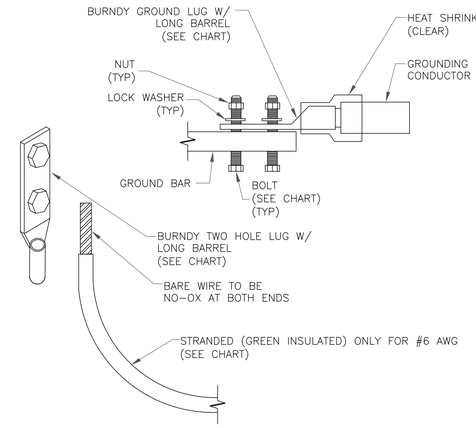


NOTE:

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

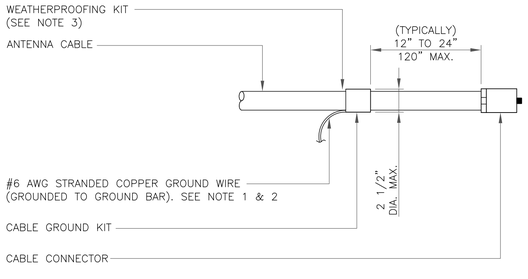
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

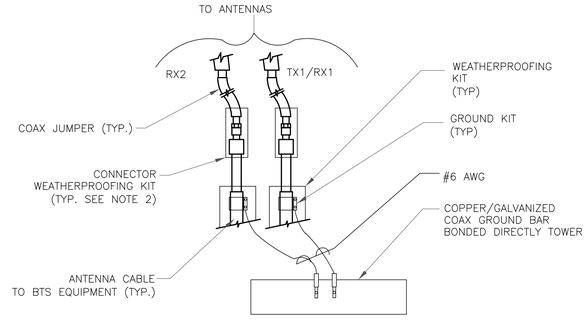
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

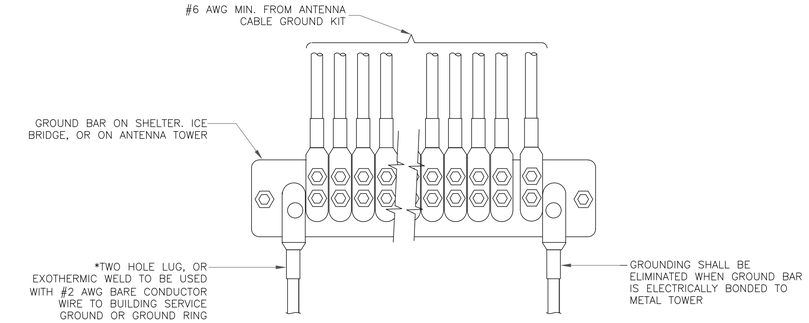
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



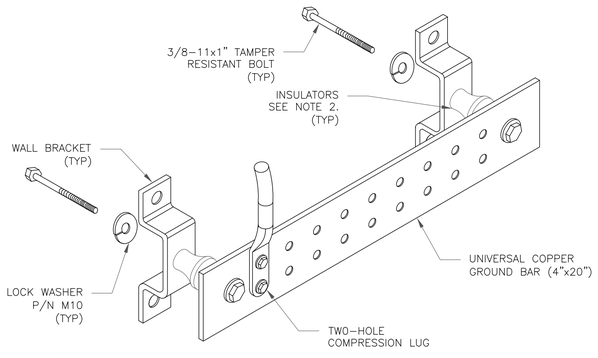
NOTES:

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



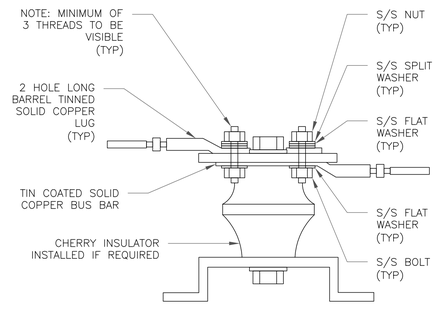
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



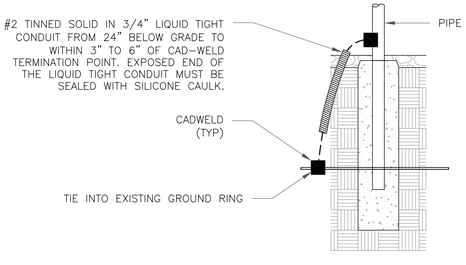
NOTES:

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 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

B+T GRP
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
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VERIZON SITE NUMBER:
468456

BU #: **842867**
MANSFIELD FOUR CORNERS

497 MIDDLE TURNPIKE
STORRS MANSFIELD, CT 06268

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	8/26/21	JJR	CONSTRUCTION	JJR

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **August 10, 2021**

B+T Group
1717 S, Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject:	**Structural Analysis Report**	
Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	468456
	Site Name:	Mansfield CT
Crown Castle Designation:	**BU Number:**	842867
	Site Name:	Mansfield Four Corners
	JDE Job Number:	682501
	Work Order Number:	2006787
	Order Number:	582519 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	151918.002.01
Site Data:	**497 Middle Turnpike, Storrs Mansfield, Tolland County, CT**	
	Latitude *41° 49' 32.81"*, Longitude *-72° 16' 54.46"*	
	120 Foot - Monopole	

B+T Group is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

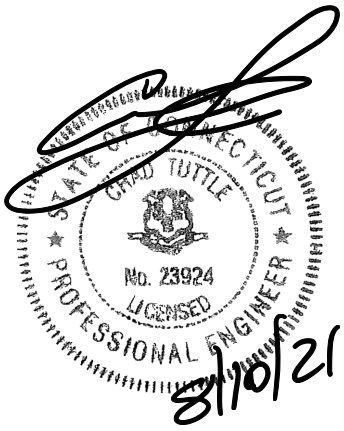
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity-61%**

This analysis utilizes an ultimate 3-second gust wind speed of 125 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: Chris Guidry

Respectfully submitted by: B+T Engineering, Inc.
COA: PEC.0001564; Expires: 02/10/2022



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

TABLE OF CONTENTS

1) INTRODUCTION

This is a 120 ft Monopole designed by PennSummit Tubular, LLC, in November of 2003.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	2 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)
109.0	109.0	3	Commscope	LNX-8513DS-VTM	8	1-5/8
		3	Commscope	NHH-65B-R2B		
		3	Commscope	NHHSS-65B-R2B		
		1	Raycap	RVZDC-3315-PF-48		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecomm.	CBRS RT4401-48A		
		3	Samsung Telecomm.	MT6407-77A		
		3	Samsung Telecomm.	RFV01U-D1A		
		3	Samsung Telecomm.	RFV01U-D2A		
		3	--	BASMNT-SBS-1-2		
		1	--	Platform Mount [LP 303-1]		

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)
122.0	122.0	1	Andrew	SBNH-1D6565C	12 2 1	1-1/4 7/8 3/8
		2	CCI Antennas	HPA-65R-BUU-H6		
		1	CCI Antennas	HPA-65R-BUU-H8		
		3	Ericsson	RRUS 11		
		3	Ericsson	RRUS 32 B2		
		3	Kathrein	78211056		
		2	KMW Comm.	AM-X-CD-16-65-00T-RET		
		6	Powerwave Tech.	7020.00		
		3	Powerwave Tech.	7770.00		
		6	Powerwave Tech.	LGP 17201		
		1	Raycap	DC6-48-60-18-8F		
		1	--	Platform Mount [LP 303-1_HR-1]		
99.0	99.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	JMA Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		
		1	--	Commscope MC-PK8-DSH(1)		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	5214860	CCI Sites
Foundation Drawing	4858941	CCI Sites
Geotech Report	4713232	CCI Sites
Crown CAD Package	Date: 08/03/2021	CCI Sites

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) The 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. B+T Group 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	120 - 70.75	Pole	TP32.28x18x0.188	1	-13.313	1130.766	56.5	Pass
L2	70.75 - 34.75	Pole	TP42.35x30.745x0.313	2	-19.735	2468.371	37.9	Pass
L3	34.75 - 0	Pole	TP51.8x40.202x0.375	3	-30.793	3759.735	34.6	Pass
							Summary	
						Pole (L1)	56.5	Pass
						Rating =	56.5	Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	29.5	Pass
1,2	Base Plate	Base	26.2	Pass
1,2	Base Foundation (Structure)	Base	40.2	Pass
1,2	Base Foundation (Soil Interaction)	Base	44.3	Pass

Structure Rating (max from all components) =	**56.5%**

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.
2) Rating per TIA-222-H Section 15.5.

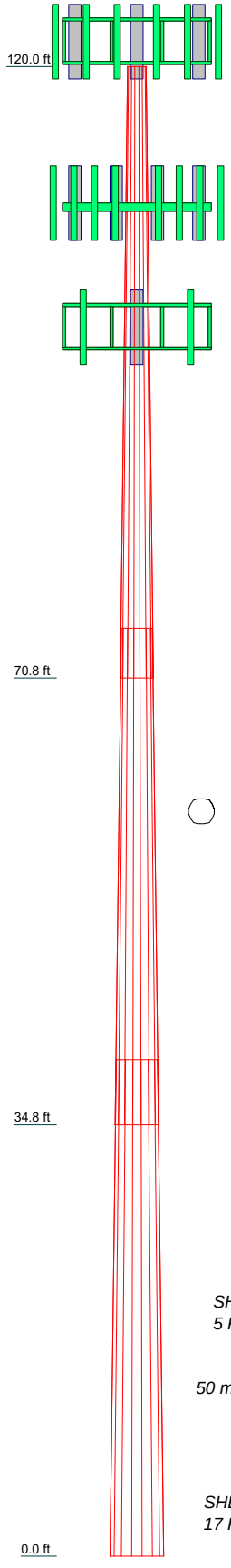
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	49.250	18	0.188	4.000	18.000	32.280	A607-65	2.5
2	40.000	18	0.313	5.250	30.745	42.350		4.9
3	40.000	18	0.375		40.202	51.800		7.4
								14.8



ALL REACTIONS ARE FACTORED

AXIAL 59 K

SHEAR 5 K

MOMENT 480 kip-ft

TORQUE 0 kip-ft

50 mph WIND - 2.000 in ICE

AXIAL 31 K

SHEAR 17 K

MOMENT 1526 kip-ft

TORQUE 0 kip-ft

REACTIONS - 125 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Tolland County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 2.00 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 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 56.5%

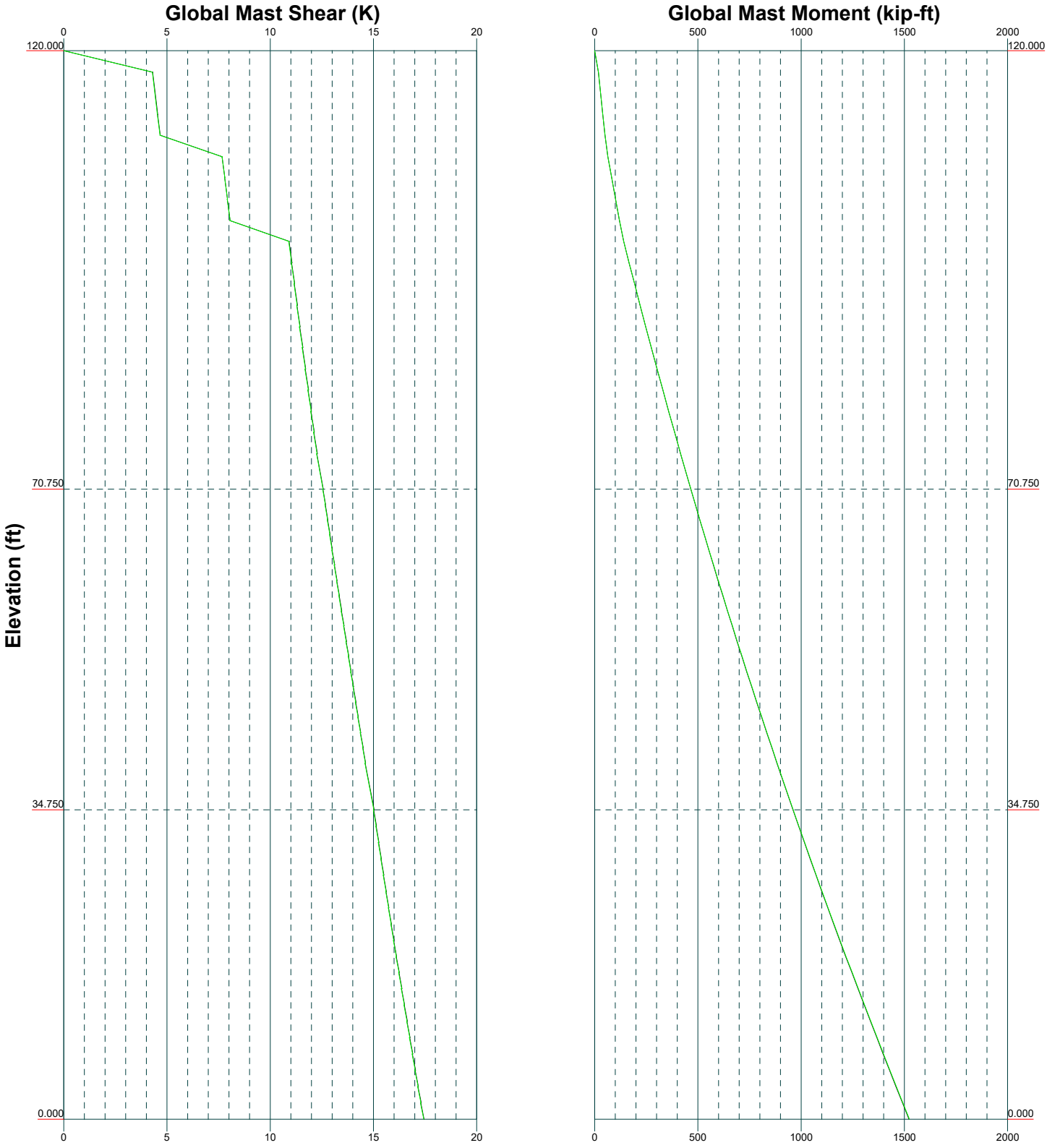
B+T Group
1717 S Boulder Ave, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job:	***151918.002.01- Mansfield Four Corners, CT (BU# 84286)***		
Project:			
Client: Crown Castle	Drawn by: christopher.guidry	App'd:	
Code: TIA-222-H	Date: 08/10/21	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 125 mph/50 mph 2.000 in Ice Exposure B

Maximum Values

Vx Vz Mx Mz



B+T Group
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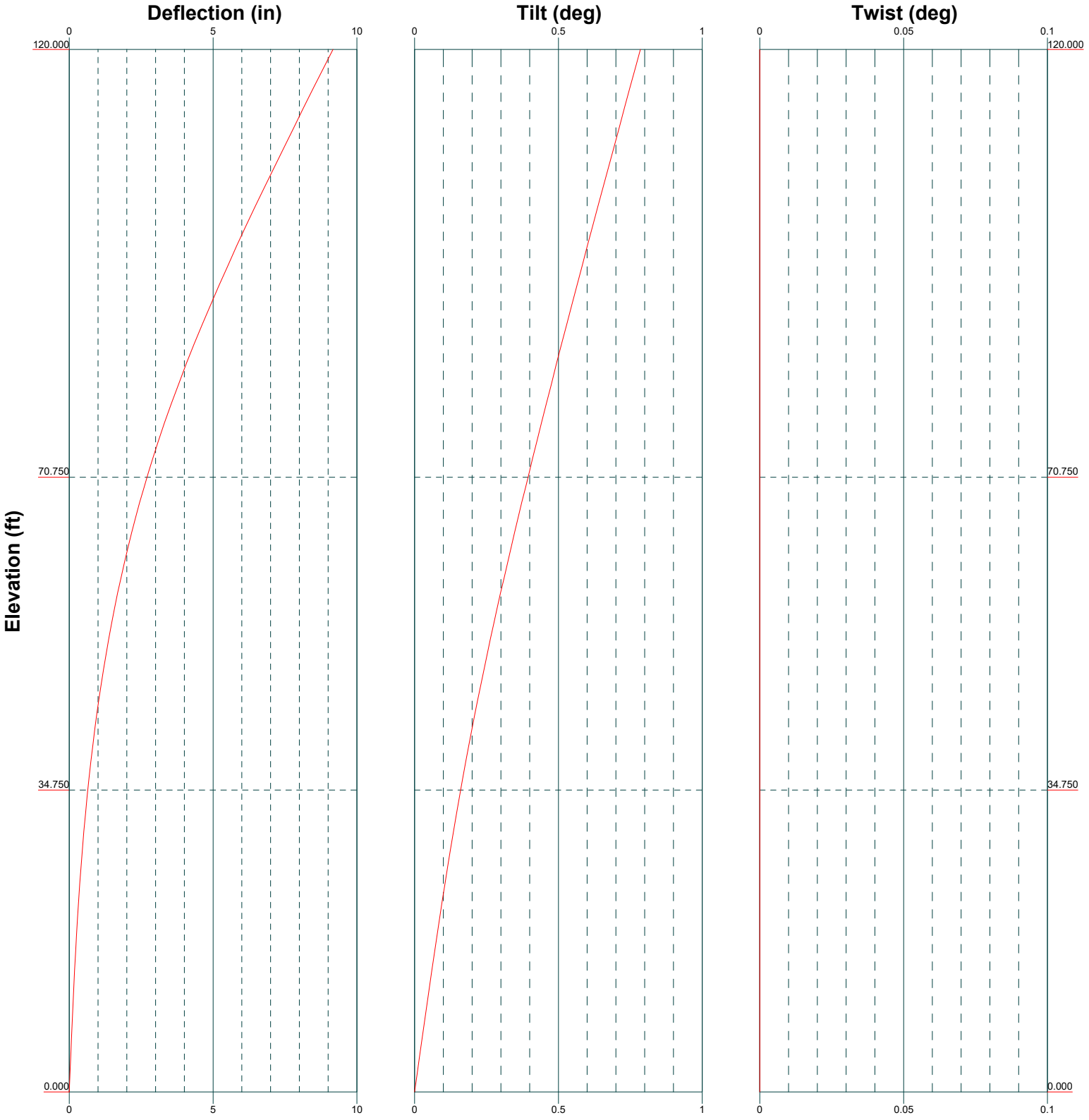
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: 151918.002.01- Mansfield Four Corners, CT (BU# 84286			
Project:			
Client: Crown Castle	Drawn by: christopher.guidry	App'd:	
Code: TIA-222-H	Date: 08/10/21	Scale: NTS	
Path:		Dwg No. E-4	

TIA-222-H - Service - 60 mph

Maximum Values



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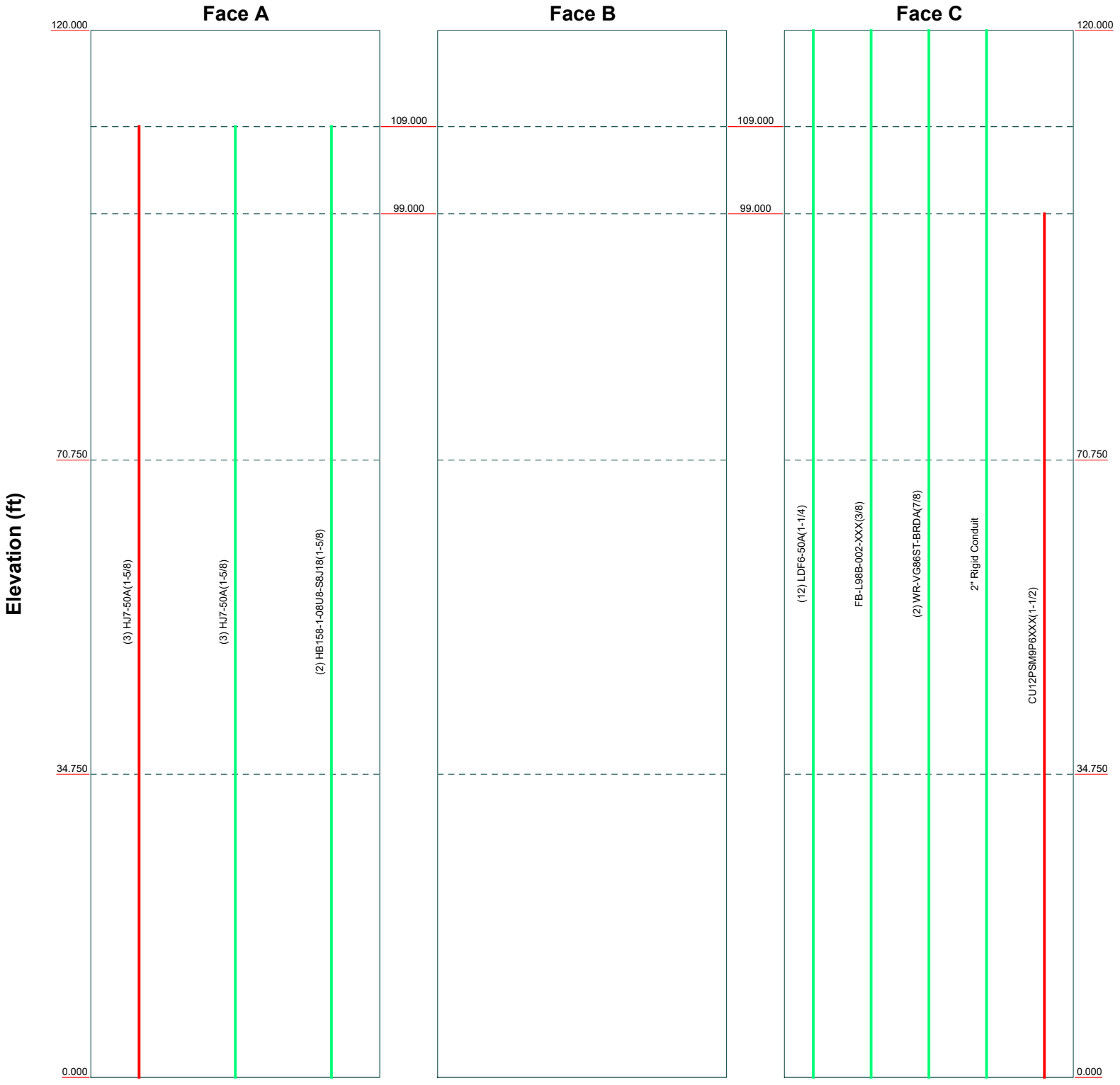
Job: ***151918.002.01- Mansfield Four Corners, CT (BU# 84286)***			
Project:			
Client: Crown Castle	Drawn by: christopher.guidry	App'd:	
Code: TIA-222-H	Date: 08/10/21	Scale: NTS	
Path:		Dwg No. E-5	

Feed Line Distribution Chart
0' - 120'

Round | Flat | App In Face | App Out Face | Truss Leg



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Job:	***151918.002.01- Mansfield Four Corners, CT (BU# 84286)***		
Project:			
Client: Crown Castle	Drawn by: christopher.guidry	App'd:	
Code: TIA-222-H	Date: 08/10/21	Scale: NTS	
Path:		Dwg No. E-7	

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 Tolland County, Connecticut.
Tower base elevation above sea level: 559.000 ft.
Basic wind speed of 125 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 2.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
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	120.000-70.750	49.250	4.000	18	18.000	32.280	0.188	0.750	A607-65 (65 ksi)
L2	70.750-34.750	40.000	5.250	18	30.745	42.350	0.313	1.250	A607-65 (65 ksi)
L3	34.750-0.000	40.000		18	40.202	51.800	0.375	1.500	A607-65 (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	18.249	10.601	424.933	6.323	9.144	46.471	850.425	5.301	2.838	15.136
	32.749	19.099	2485.171	11.393	16.398	151.551	4973.612	9.551	5.351	28.54
L2	32.350	30.185	3531.962	10.804	15.619	226.139	7068.571	15.096	4.861	15.556
	42.955	41.696	9309.043	14.923	21.514	432.701	18630.335	20.852	6.904	22.092
L3	42.310	47.404	9499.575	14.139	20.423	465.151	19011.650	23.706	6.416	17.108
	52.541	61.209	20450.246	18.256	26.314	777.150	40927.401	30.610	8.457	22.551

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 120.000-70.750				1	1	1			
L2 70.750-34.750				1	1	1			
L3 34.750-0.000				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 klf
* HJ7-50A(1-5/8)	A	No	Surface Ar (CaAa)	109.000 - 0.000	3	3	-0.100 -0.010	1.980		0.001
* CU12PSM9P6XXX(1-1/2) *	C	No	Surface Ar (CaAa)	99.000 - 0.000	1	1	-0.470 -0.450	1.600		0.002

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 klf
*									
LDF6-50A(1-1/4)	C	No	No	Inside Pole	120.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
FB-L98B-002-XXX(3/8)	C	No	No	Inside Pole	120.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
WR-VG86ST-BRDA(7/8)	C	No	No	Inside Pole	120.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
2" Rigid Conduit	C	No	No	Inside Pole	120.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
HJ7-50A(1-5/8)	A	No	No	Inside Pole	109.000 - 0.000	3	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
HB158-1-08U8-S8J18(1-5/8)	A	No	No	Inside Pole	109.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									

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	120.000-70.750	A	0.000	0.000	22.721	0.000	0.338
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	4.520	0.000	0.629
L2	70.750-34.750	A	0.000	0.000	21.384	0.000	0.318
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	5.760	0.000	0.496
L3	34.750-0.000	A	0.000	0.000	20.642	0.000	0.307
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	5.560	0.000	0.479

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	120.000-70.750	A	1.887	0.000	0.000	46.441	0.000	0.926
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	15.179	0.000	0.856

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
L2	70.750-34.750	A	1.780	0.000	0.000	43.709	0.000	0.872
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	19.343	0.000	0.785
L3	34.750-0.000	A	1.589	0.000	0.000	41.268	0.000	0.805
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	17.933	0.000	0.734

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	120.000-70.750	-2.355	-0.879	-1.827	-0.582
L2	70.750-34.750	-2.666	-0.934	-2.009	-0.530
L3	34.750-0.000	-2.778	-0.973	-2.188	-0.586

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	9	HJ7-50A(1-5/8)	70.75 - 109.00	1.0000	1.0000
L1	14	CU12PSM9P6XXX(1-1/2)	70.75 - 99.00	1.0000	1.0000
L2	9	HJ7-50A(1-5/8)	34.75 - 70.75	1.0000	1.0000
L2	14	CU12PSM9P6XXX(1-1/2)	34.75 - 70.75	1.0000	1.0000
L3	9	HJ7-50A(1-5/8)	0.00 - 34.75	1.0000	1.0000
L3	14	CU12PSM9P6XXX(1-1/2)	0.00 - 34.75	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
*									
HPA-65R-BUU-H6 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	9.220 9.980 10.760 12.360	6.250 6.960 7.700 9.220	0.074 0.143 0.224 0.420

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
HPA-65R-BUU-H6 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	9.220 9.980 10.760 12.360	6.250 6.960 7.700 9.220	0.074 0.143 0.224 0.420
HPA-65R-BUU-H8 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	12.250 13.190 14.160 16.140	8.330 9.230 10.150 12.050	0.105 0.194 0.297 0.543
AM-X-CD-16-65-00T-RET w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.630 5.060 5.510 6.430	3.270 3.690 4.120 5.000	0.074 0.133 0.203 0.376
AM-X-CD-16-65-00T-RET w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.630 5.060 5.510 6.430	3.270 3.690 4.120 5.000	0.074 0.133 0.203 0.376
SBNH-1D6565C w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.560 6.070 6.590 7.650	4.470 4.970 5.470 6.520	0.085 0.167 0.262 0.495
7770.00 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.746 6.179 6.607 7.488	4.254 5.014 5.711 7.155	0.055 0.103 0.157 0.287
7770.00 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.746 6.179 6.607 7.488	4.254 5.014 5.711 7.155	0.055 0.103 0.157 0.287
7770.00 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.746 6.179 6.607 7.488	4.254 5.014 5.711 7.155	0.055 0.103 0.157 0.287
RRUS 11	A	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.784 2.992 3.207 3.658	1.187 1.334 1.490 1.833	0.048 0.068 0.092 0.150
RRUS 11	B	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.784 2.992 3.207 3.658	1.187 1.334 1.490 1.833	0.048 0.068 0.092 0.150
RRUS 11	C	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.784 2.992 3.207 3.658	1.187 1.334 1.490 1.833	0.048 0.068 0.092 0.150
RRUS 32 B2	A	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
RRUS 32 B2	B	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
RRUS 32 B2	C	From Leg	4.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
78211056	A	From Leg	4.000	0.000	122.000	No Ice	0.147	0.048	0.002

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000				1/2" Ice	0.199	0.080	0.003
			0.000				1" Ice	0.258	0.119	0.006
							2" Ice	0.399	0.219	0.014
78211056	B	From Leg	4.000		0.000	122.000	No Ice	0.147	0.048	0.002
			0.000				1/2" Ice	0.199	0.080	0.003
			0.000				1" Ice	0.258	0.119	0.006
							2" Ice	0.399	0.219	0.014
78211056	C	From Leg	4.000		0.000	122.000	No Ice	0.147	0.048	0.002
			0.000				1/2" Ice	0.199	0.080	0.003
			0.000				1" Ice	0.258	0.119	0.006
							2" Ice	0.399	0.219	0.014
(2) 7020.00	A	From Leg	4.000		0.000	122.000	No Ice	0.102	0.175	0.002
			0.000				1/2" Ice	0.147	0.239	0.005
			0.000				1" Ice	0.199	0.311	0.009
							2" Ice	0.326	0.476	0.022
(2) 7020.00	B	From Leg	4.000		0.000	122.000	No Ice	0.102	0.175	0.002
			0.000				1/2" Ice	0.147	0.239	0.005
			0.000				1" Ice	0.199	0.311	0.009
							2" Ice	0.326	0.476	0.022
(2) 7020.00	C	From Leg	4.000		0.000	122.000	No Ice	0.102	0.175	0.002
			0.000				1/2" Ice	0.147	0.239	0.005
			0.000				1" Ice	0.199	0.311	0.009
							2" Ice	0.326	0.476	0.022
(2) LGP 17201	A	From Leg	4.000		0.000	122.000	No Ice	1.668	0.467	0.031
			0.000				1/2" Ice	1.829	0.568	0.042
			0.000				1" Ice	1.997	0.675	0.055
							2" Ice	2.356	0.912	0.089
(2) LGP 17201	B	From Leg	4.000		0.000	122.000	No Ice	1.668	0.467	0.031
			0.000				1/2" Ice	1.829	0.568	0.042
			0.000				1" Ice	1.997	0.675	0.055
							2" Ice	2.356	0.912	0.089
(2) LGP 17201	C	From Leg	4.000		0.000	122.000	No Ice	1.668	0.467	0.031
			0.000				1/2" Ice	1.829	0.568	0.042
			0.000				1" Ice	1.997	0.675	0.055
							2" Ice	2.356	0.912	0.089
DC6-48-60-18-8F	A	From Leg	1.000		0.000	122.000	No Ice	1.212	1.212	0.033
			0.000				1/2" Ice	1.892	1.892	0.055
			0.000				1" Ice	2.105	2.105	0.080
							2" Ice	2.570	2.570	0.138
6' x 2" Mount Pipe	A	From Leg	4.000		0.000	122.000	No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	4.000		0.000	122.000	No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	4.000		0.000	122.000	No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	A	From Leg	1.000		0.000	122.000	No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
Platform Mount [LP 303-1_HR-1]	C	None			0.000	122.000	No Ice	17.090	17.090	1.495
							1/2" Ice	21.470	21.470	1.881

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	25.720	25.720	2.346
						2" Ice	33.960	33.960	3.518
*									
LNX-8513DS-VTM w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.490 4.890 5.710	3.300 3.680 4.060 4.870	0.065 0.128 0.202 0.384
LNX-8513DS-VTM w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.490 4.890 5.710	3.300 3.680 4.060 4.870	0.065 0.128 0.202 0.384
LNX-8513DS-VTM w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.490 4.890 5.710	3.300 3.680 4.060 4.870	0.065 0.128 0.202 0.384
NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
NHHSS-65B-R2B w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.890 4.270 4.650 5.430	3.140 3.500 3.870 4.630	0.091 0.154 0.227 0.407
NHHSS-65B-R2B w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.890 4.270 4.650 5.430	3.140 3.500 3.870 4.630	0.091 0.154 0.227 0.407
NHHSS-65B-R2B w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.890 4.270 4.650 5.430	3.140 3.500 3.870 4.630	0.091 0.154 0.227 0.407
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
RVZDC-3315-PF-48	A	From Leg	4.000 0.000 0.000	0.000	109.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.063 4.321 4.587 5.141	2.989 3.223 3.465 3.970	0.027 0.063 0.103 0.196
RVZDC-6627-PF-48	B	From Leg	4.000 0.000	0.000	109.000	No Ice 1/2" Ice	3.792 4.044	2.514 2.727	0.032 0.063

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1" Ice	4.303	2.947	0.099
						2" Ice	4.844	3.417	0.181
CBRS RT4401-48A	A	From Leg	4.000	0.000	109.000	No Ice	0.991	0.496	0.019
			0.000			1/2" Ice	1.120	0.596	0.026
			0.000			1" Ice	1.255	0.704	0.036
						2" Ice	1.549	0.942	0.062
CBRS RT4401-48A	B	From Leg	4.000	0.000	109.000	No Ice	0.991	0.496	0.019
			0.000			1/2" Ice	1.120	0.596	0.026
			0.000			1" Ice	1.255	0.704	0.036
						2" Ice	1.549	0.942	0.062
CBRS RT4401-48A	C	From Leg	4.000	0.000	109.000	No Ice	0.991	0.496	0.019
			0.000			1/2" Ice	1.120	0.596	0.026
			0.000			1" Ice	1.255	0.704	0.036
						2" Ice	1.549	0.942	0.062
RFV01U-D1A	A	From Leg	4.000	0.000	109.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			0.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	B	From Leg	4.000	0.000	109.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			0.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	C	From Leg	4.000	0.000	109.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			0.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D2A	A	From Leg	4.000	0.000	109.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			0.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	B	From Leg	4.000	0.000	109.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			0.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	C	From Leg	4.000	0.000	109.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			0.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
Side Arm Mount [SO 102-3]	C	None		0.000	109.000	No Ice	3.600	3.600	0.075
						1/2" Ice	4.180	4.180	0.105
						1" Ice	4.750	4.750	0.135
						2" Ice	5.900	5.900	0.195
Platform Mount [LP 303-1]	C	None		0.000	109.000	No Ice	14.690	14.690	1.250
						1/2" Ice	18.010	18.010	1.569
						1" Ice	21.340	21.340	1.942
						2" Ice	28.080	28.080	2.852
*									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000	0.000	99.000	No Ice	8.010	4.230	0.108
			0.000			1/2" Ice	8.520	4.690	0.194
			0.000			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000	0.000	99.000	No Ice	8.010	4.230	0.108
			0.000			1/2" Ice	8.520	4.690	0.194
			0.000			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000	0.000	99.000	No Ice	8.010	4.230	0.108
			0.000			1/2" Ice	8.520	4.690	0.194

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
TA08025-B604	A	From Leg	4.000	0.000	99.000	No Ice	1.964	0.981	0.064
			0.000			1/2" Ice	2.138	1.112	0.081
			0.000			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	B	From Leg	4.000	0.000	99.000	No Ice	1.964	0.981	0.064
			0.000			1/2" Ice	2.138	1.112	0.081
			0.000			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	C	From Leg	4.000	0.000	99.000	No Ice	1.964	0.981	0.064
			0.000			1/2" Ice	2.138	1.112	0.081
			0.000			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B605	A	From Leg	4.000	0.000	99.000	No Ice	1.964	1.129	0.075
			0.000			1/2" Ice	2.138	1.267	0.093
			0.000			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	B	From Leg	4.000	0.000	99.000	No Ice	1.964	1.129	0.075
			0.000			1/2" Ice	2.138	1.267	0.093
			0.000			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	C	From Leg	4.000	0.000	99.000	No Ice	1.964	1.129	0.075
			0.000			1/2" Ice	2.138	1.267	0.093
			0.000			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
RDIDC-9181-PF-48	B	From Leg	4.000	0.000	99.000	No Ice	2.012	1.168	0.022
			0.000			1/2" Ice	2.189	1.311	0.040
			0.000			1" Ice	2.373	1.461	0.060
						2" Ice	2.763	1.784	0.110
(2) 8' x 2" Mount Pipe	A	From Leg	4.000	0.000	99.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	B	From Leg	4.000	0.000	99.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	C	From Leg	4.000	0.000	99.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
Commscope MC-PK8-DSH	C	None		0.000	99.000	No Ice	34.240	34.240	1.749
						1/2" Ice	62.950	62.950	2.099
						1" Ice	91.660	91.660	2.450
						2" Ice	149.080	149.080	3.151
*									

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
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	120 - 70.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-32.877	0.479	0.115
			Max. Mx	20	-13.313	416.569	0.300

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	14	-13.314	-0.248	-415.994
			Max. Vy	20	-12.283	416.569	0.300
			Max. Vx	14	12.269	-0.248	-415.994
			Max. Torque	14			-0.563
L2	70.75 - 34.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-43.114	1.370	0.060
			Max. Mx	20	-19.736	883.845	0.846
			Max. My	14	-19.736	-0.663	-882.669
			Max. Vy	20	-14.621	883.845	0.846
			Max. Vx	14	14.608	-0.663	-882.669
			Max. Torque	16			-0.088
L3	34.75 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-59.064	2.615	-0.025
			Max. Mx	20	-30.793	1524.667	1.447
			Max. My	14	-30.793	-1.079	-1522.774
			Max. Vy	20	-17.451	1524.667	1.447
			Max. Vx	14	17.438	-1.079	-1522.774
			Max. Torque	16			-0.088

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	59.064	5.239	0.003
	Max. H_x	20	30.799	17.440	0.017
	Max. H_z	2	30.799	0.017	17.427
	Max. M_x	2	1522.492	0.017	17.427
	Max. M_z	8	1523.647	-17.440	-0.017
	Max. Torsion	4	0.086	-8.706	15.084
	Min. Vert	5	23.099	-8.706	15.084
	Min. H_x	8	30.799	-17.440	-0.017
	Min. H_z	14	30.799	-0.017	-17.427
	Min. M_x	14	-1522.774	-0.017	-17.427
	Min. M_z	20	-1524.667	17.440	0.017
	Min. Torsion	16	-0.088	8.706	-15.084

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	25.666	0.000	0.000	0.115	0.415	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	30.799	-0.017	-17.427	-1522.492	2.098	-0.073
0.9 Dead+1.0 Wind 0 deg - No Ice	23.099	-0.017	-17.427	-1511.579	1.958	-0.069
1.2 Dead+1.0 Wind 30 deg - No Ice	30.799	8.706	-15.084	-1317.706	-760.196	-0.086
0.9 Dead+1.0 Wind 30 deg - No Ice	23.099	8.706	-15.084	-1308.263	-754.852	-0.083
1.2 Dead+1.0 Wind 60 deg - No Ice	30.799	15.095	-8.699	-759.801	-1318.658	-0.077

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
0.9 Dead+1.0 Wind 60 deg - No Ice	23.099	15.095	-8.699	-754.370	-1309.298	-0.075
1.2 Dead+1.0 Wind 90 deg - No Ice	30.799	17.440	0.017	1.730	-1523.647	-0.047
0.9 Dead+1.0 Wind 90 deg - No Ice	23.099	17.440	0.017	1.684	-1512.816	-0.047
1.2 Dead+1.0 Wind 120 deg - No Ice	30.799	15.112	8.728	762.834	-1320.244	-0.003
0.9 Dead+1.0 Wind 120 deg - No Ice	23.099	15.112	8.728	757.314	-1310.875	-0.006
1.2 Dead+1.0 Wind 150 deg - No Ice	30.799	8.734	15.101	1319.575	-762.945	0.042
0.9 Dead+1.0 Wind 150 deg - No Ice	23.099	8.734	15.101	1310.050	-757.585	0.038
1.2 Dead+1.0 Wind 180 deg - No Ice	30.799	0.017	17.427	1522.774	-1.079	0.076
0.9 Dead+1.0 Wind 180 deg - No Ice	23.099	0.017	17.427	1511.790	-1.198	0.072
1.2 Dead+1.0 Wind 210 deg - No Ice	30.799	-8.706	15.084	1317.989	761.215	0.088
0.9 Dead+1.0 Wind 210 deg - No Ice	23.099	-8.706	15.084	1308.474	755.612	0.085
1.2 Dead+1.0 Wind 240 deg - No Ice	30.799	-15.095	8.699	760.084	1319.678	0.076
0.9 Dead+1.0 Wind 240 deg - No Ice	23.099	-15.095	8.699	754.581	1310.058	0.075
1.2 Dead+1.0 Wind 270 deg - No Ice	30.799	-17.440	-0.017	-1.447	1524.667	0.044
0.9 Dead+1.0 Wind 270 deg - No Ice	23.099	-17.440	-0.017	-1.473	1513.576	0.044
1.2 Dead+1.0 Wind 300 deg - No Ice	30.799	-15.112	-8.728	-762.551	1321.265	0.001
0.9 Dead+1.0 Wind 300 deg - No Ice	23.099	-15.112	-8.728	-757.103	1311.635	0.003
1.2 Dead+1.0 Wind 330 deg - No Ice	30.799	-8.734	-15.101	-1319.293	763.965	-0.042
0.9 Dead+1.0 Wind 330 deg - No Ice	23.099	-8.734	-15.101	-1309.840	758.345	-0.038
1.2 Dead+1.0 Ice+1.0 Temp	59.064	-0.000	0.000	0.025	2.615	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	59.064	-0.003	-5.237	-476.578	3.110	-0.031
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	59.064	2.617	-4.534	-412.557	-235.363	-0.038
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	59.064	4.535	-2.616	-237.988	-410.028	-0.035
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	59.064	5.239	0.003	0.352	-474.084	-0.023
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	59.064	4.539	2.621	238.602	-410.367	-0.004
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	59.064	2.622	4.537	412.922	-235.951	0.015
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	59.064	0.003	5.237	476.604	2.431	0.031
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	59.064	-2.617	4.534	412.583	240.904	0.038
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	59.064	-4.535	2.616	238.014	415.569	0.035
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	59.064	-5.239	-0.003	-0.327	479.625	0.022
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	59.064	-4.539	-2.621	-238.576	415.909	0.004

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 330 deg+1.0 Ice+1.0 Temp	59.064	-2.622	-4.537	-412.896	241.492	-0.015
Dead+Wind 0 deg - Service	25.666	-0.004	-3.783	-329.074	0.767	-0.016
Dead+Wind 30 deg - Service	25.666	1.890	-3.275	-284.799	-164.040	-0.020
Dead+Wind 60 deg - Service	25.666	3.277	-1.889	-164.181	-284.779	-0.019
Dead+Wind 90 deg - Service	25.666	3.786	0.004	0.461	-329.098	-0.013
Dead+Wind 120 deg - Service	25.666	3.281	1.895	165.010	-285.122	-0.004
Dead+Wind 150 deg - Service	25.666	1.896	3.278	285.377	-164.634	0.007
Dead+Wind 180 deg - Service	25.666	0.004	3.783	329.309	0.080	0.016
Dead+Wind 210 deg - Service	25.666	-1.890	3.275	285.034	164.886	0.020
Dead+Wind 240 deg - Service	25.666	-3.277	1.889	164.416	285.625	0.019
Dead+Wind 270 deg - Service	25.666	-3.786	-0.004	-0.226	329.944	0.013
Dead+Wind 300 deg - Service	25.666	-3.281	-1.895	-164.776	285.968	0.004
Dead+Wind 330 deg - Service	25.666	-1.896	-3.278	-285.143	165.481	-0.007

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	0.000	-25.666	0.000	0.000	25.666	0.000	0.000%
2	-0.017	-30.799	-17.427	0.017	30.799	17.427	0.000%
3	-0.017	-23.099	-17.427	0.017	23.099	17.427	0.000%
4	8.706	-30.799	-15.084	-8.706	30.799	15.084	0.000%
5	8.706	-23.099	-15.084	-8.706	23.099	15.084	0.000%
6	15.095	-30.799	-8.699	-15.095	30.799	8.699	0.000%
7	15.095	-23.099	-8.699	-15.095	23.099	8.699	0.000%
8	17.440	-30.799	0.017	-17.440	30.799	-0.017	0.000%
9	17.440	-23.099	0.017	-17.440	23.099	-0.017	0.000%
10	15.112	-30.799	8.728	-15.112	30.799	-8.728	0.000%
11	15.112	-23.099	8.728	-15.112	23.099	-8.728	0.000%
12	8.734	-30.799	15.101	-8.734	30.799	-15.101	0.000%
13	8.734	-23.099	15.101	-8.734	23.099	-15.101	0.000%
14	0.017	-30.799	17.427	-0.017	30.799	-17.427	0.000%
15	0.017	-23.099	17.427	-0.017	23.099	-17.427	0.000%
16	-8.706	-30.799	15.084	8.706	30.799	-15.084	0.000%
17	-8.706	-23.099	15.084	8.706	23.099	-15.084	0.000%
18	-15.095	-30.799	8.699	15.095	30.799	-8.699	0.000%
19	-15.095	-23.099	8.699	15.095	23.099	-8.699	0.000%
20	-17.440	-30.799	-0.017	17.440	30.799	0.017	0.000%
21	-17.440	-23.099	-0.017	17.440	23.099	0.017	0.000%
22	-15.112	-30.799	-8.728	15.112	30.799	8.728	0.000%
23	-15.112	-23.099	-8.728	15.112	23.099	8.728	0.000%
24	-8.734	-30.799	-15.101	8.734	30.799	15.101	0.000%
25	-8.734	-23.099	-15.101	8.734	23.099	15.101	0.000%
26	0.000	-59.064	0.000	0.000	59.064	0.000	0.000%
27	-0.003	-59.064	-5.237	0.003	59.064	5.237	0.000%
28	2.617	-59.064	-4.534	-2.617	59.064	4.534	0.000%
29	4.535	-59.064	-2.616	-4.535	59.064	2.616	0.000%
30	5.239	-59.064	0.003	-5.239	59.064	-0.003	0.000%
31	4.539	-59.064	2.621	-4.539	59.064	-2.621	0.000%
32	2.622	-59.064	4.537	-2.622	59.064	-4.537	0.000%
33	0.003	-59.064	5.237	-0.003	59.064	-5.237	0.000%
34	-2.617	-59.064	4.534	2.617	59.064	-4.534	0.000%
35	-4.535	-59.064	2.616	4.535	59.064	-2.616	0.000%
36	-5.239	-59.064	-0.003	5.239	59.064	0.003	0.000%
37	-4.539	-59.064	-2.621	4.539	59.064	2.621	0.000%
38	-2.622	-59.064	-4.537	2.622	59.064	4.537	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
39	-0.004	-25.666	-3.783	0.004	25.666	3.783	0.000%
40	1.890	-25.666	-3.275	-1.890	25.666	3.275	0.000%
41	3.277	-25.666	-1.889	-3.277	25.666	1.889	0.000%
42	3.786	-25.666	0.004	-3.786	25.666	-0.004	0.000%
43	3.281	-25.666	1.895	-3.281	25.666	-1.895	0.000%
44	1.896	-25.666	3.278	-1.896	25.666	-3.278	0.000%
45	0.004	-25.666	3.783	-0.004	25.666	-3.783	0.000%
46	-1.890	-25.666	3.275	1.890	25.666	-3.275	0.000%
47	-3.277	-25.666	1.889	3.277	25.666	-1.889	0.000%
48	-3.786	-25.666	-0.004	3.786	25.666	0.004	0.000%
49	-3.281	-25.666	-1.895	3.281	25.666	1.895	0.000%
50	-1.896	-25.666	-3.278	1.896	25.666	3.278	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00006434
3	Yes	4	0.00000001	0.00003213
4	Yes	5	0.00000001	0.00005789
5	Yes	4	0.00000001	0.00095298
6	Yes	5	0.00000001	0.00005869
7	Yes	4	0.00000001	0.00096578
8	Yes	4	0.00000001	0.00005894
9	Yes	4	0.00000001	0.00002755
10	Yes	5	0.00000001	0.00005865
11	Yes	4	0.00000001	0.00096484
12	Yes	5	0.00000001	0.00005834
13	Yes	4	0.00000001	0.00096030
14	Yes	4	0.00000001	0.00006250
15	Yes	4	0.00000001	0.00003059
16	Yes	5	0.00000001	0.00005884
17	Yes	4	0.00000001	0.00096777
18	Yes	5	0.00000001	0.00005808
19	Yes	4	0.00000001	0.00095549
20	Yes	4	0.00000001	0.00005989
21	Yes	4	0.00000001	0.00002842
22	Yes	5	0.00000001	0.00005863
23	Yes	4	0.00000001	0.00096464
24	Yes	5	0.00000001	0.00005890
25	Yes	4	0.00000001	0.00096865
26	Yes	4	0.00000001	0.00000001
27	Yes	5	0.00000001	0.00014964
28	Yes	5	0.00000001	0.00015887
29	Yes	5	0.00000001	0.00015876
30	Yes	5	0.00000001	0.00014879
31	Yes	5	0.00000001	0.00015879
32	Yes	5	0.00000001	0.00015890
33	Yes	5	0.00000001	0.00014944
34	Yes	5	0.00000001	0.00015997
35	Yes	5	0.00000001	0.00016017
36	Yes	5	0.00000001	0.00015046
37	Yes	5	0.00000001	0.00016055
38	Yes	5	0.00000001	0.00016035
39	Yes	4	0.00000001	0.00001021

40	Yes	4	0.00000001	0.00002224
41	Yes	4	0.00000001	0.00002295
42	Yes	4	0.00000001	0.00001016
43	Yes	4	0.00000001	0.00002270
44	Yes	4	0.00000001	0.00002254
45	Yes	4	0.00000001	0.00001021
46	Yes	4	0.00000001	0.00002310
47	Yes	4	0.00000001	0.00002238
48	Yes	4	0.00000001	0.00001019
49	Yes	4	0.00000001	0.00002279
50	Yes	4	0.00000001	0.00002296

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 70.75	9.167	49	0.784	0.001
L2	74.75 - 34.75	3.079	49	0.423	0.000
L3	40 - 0	0.822	49	0.192	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
122.000	HPA-65R-BUU-H6 w/ Mount Pipe	49	9.167	0.784	0.001	46392
109.000	LNX-8513DS-VTM w/ Mount Pipe	49	7.504	0.693	0.001	21087
99.000	MX08FRO665-21 w/ Mount Pipe	49	6.051	0.612	0.001	11045

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 70.75	42.418	22	3.625	0.006
L2	74.75 - 34.75	14.246	22	1.959	0.000
L3	40 - 0	3.801	22	0.887	0.000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
122.000	HPA-65R-BUU-H6 w/ Mount Pipe	22	42.418	3.625	0.006	10069
109.000	LNX-8513DS-VTM w/ Mount Pipe	22	34.724	3.207	0.004	4576
99.000	MX08FRO665-21 w/ Mount Pipe	22	27.998	2.832	0.003	2396

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	120 - 70.75 (1)	TP32.28x18x0.188	49.250	0.000	0.0	18.409	-13.313	1076.920	0.012
L2	70.75 - 34.75 (2)	TP42.35x30.745x0.313	40.000	0.000	0.0	40.185	-19.735	2350.830	0.008
L3	34.75 - 0 (3)	TP51.8x40.202x0.375	40.000	0.000	0.0	61.209	-30.793	3580.700	0.009

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	120 - 70.75 (1)	TP32.28x18x0.188	416.697	718.722	0.580	0.000	718.722	0.000
L2	70.75 - 34.75 (2)	TP42.35x30.745x0.313	884.325	2271.917	0.389	0.000	2271.917	0.000
L3	34.75 - 0 (3)	TP51.8x40.202x0.375	1525.525	4303.925	0.354	0.000	4303.925	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	120 - 70.75 (1)	TP32.28x18x0.188	12.294	323.075	0.038	0.001	875.183	0.000
L2	70.75 - 34.75 (2)	TP42.35x30.745x0.313	14.632	705.250	0.021	0.001	2502.258	0.000
L3	34.75 - 0 (3)	TP51.8x40.202x0.375	17.462	1074.210	0.016	0.001	4837.758	0.000

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	120 - 70.75 (1)	0.012	0.580	0.000	0.038	0.000	0.594 ✔	1.050	4.8.2 ✔
L2	70.75 - 34.75 (2)	0.008	0.389	0.000	0.021	0.000	0.398 ✔	1.050	4.8.2 ✔

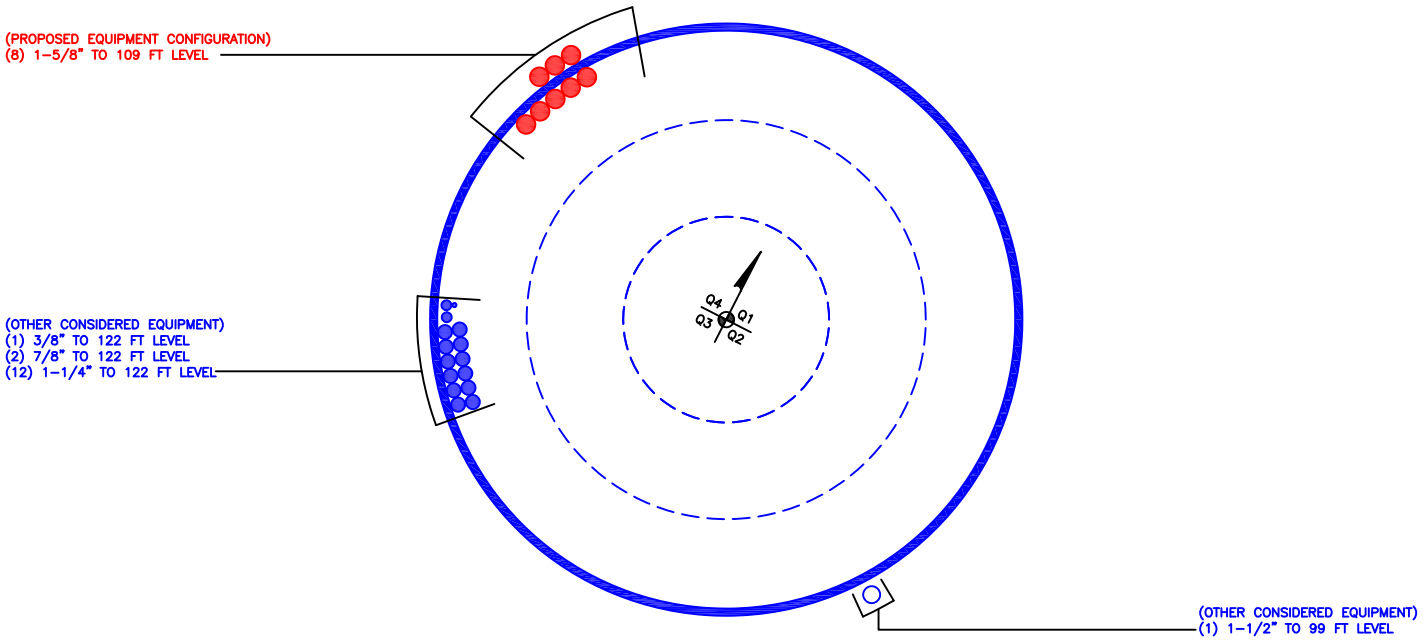
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L3	34.75 - 0 (3)	0.009	0.354	0.000	0.016	0.000	0.363 ✔	1.050	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	120 - 70.75	Pole	TP32.28x18x0.188	1	-13.313	1130.766	56.5	Pass
L2	70.75 - 34.75	Pole	TP42.35x30.745x0.313	2	-19.735	2468.371	37.9	Pass
L3	34.75 - 0	Pole	TP51.8x40.202x0.375	3	-30.793	3759.735	34.6	Pass
							Summary	
							Pole (L1) 56.5	Pass
							RATING = **56.5**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 842867

APPENDIX C

ADDITIONAL CALCULATIONS

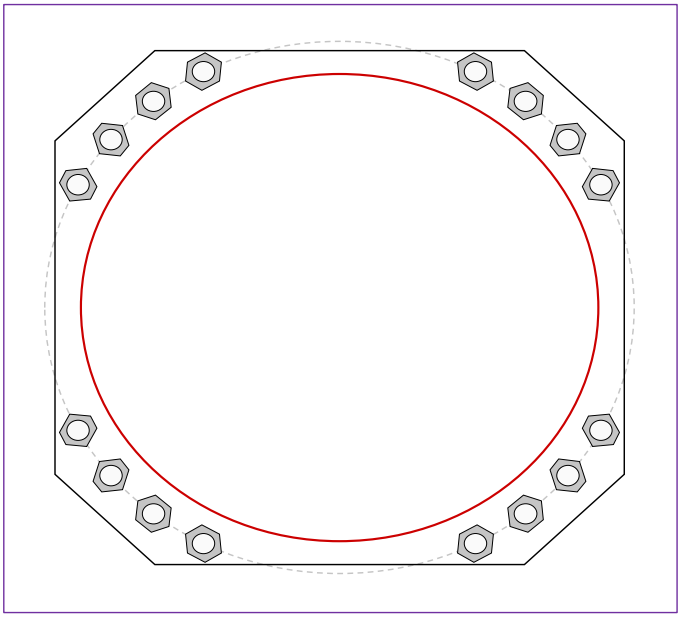
Monopole Base Plate Connection

Site Info	
BU #	842867
Site Name	ansfield Four Corners,
Order #	582519 Rev# 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.25

Applied Loads	
Moment (kip-ft)	1525.52
Axial Force (kips)	30.79
Shear Force (kips)	17.46

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 59" BC

Anchor Spacing: 6 in

Base Plate Data

57" W x 3" Plate (A572-55; Fy=55 ksi, Fu=70 ksi); Clip: 10 in

Stiffener Data

N/A

Pole Data

51.8" x 0.375" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_t = 75.6	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.09	ϕVn = 149.1	**29.5%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	13.63	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	**26.2%**	**Pass**

Drilled Pier Foundation

BU # :	842867
Site Name:	Mansfield Four Corners, CT
Order Number:	582519 Rev# 0
TIA-222 Revison:	H
Tower Type:	Monopole

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Additional Longitudinal Rebar	
Input Effective Depths (else Actual):	☐
Shear Design Options	
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☐
Override Critical Depth:	☐

Go to Soil Calculations

Applied Loads	Comp.	Uplift
Moment (kip-ft)	1525.52	
Axial Force (kips)	30.8	
Shear Force (kips)	17.45	

Material Properties		
Concrete Strength, f'c:	3	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	40	ksi

Pier Design Data		
Depth	19	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 19' below grade		
Pier Diameter	7	ft
Rebar Quantity	20	
Rebar Size	11	
Clear Cover to Ties	4	in
Tie Size	5	
Tie Spacing	18	in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	5.36	-
Soil Safety Factor	2.86	-
Max Moment (kip-ft)	1609.53	-
Rating*	*44.3%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	364.19	-
End Bearing (kips)	115.45	-
Weight of Concrete (kips)	117.77	-
Total Capacity (kips)	479.65	-
Axial (kips)	148.57	-
Rating*	*29.5%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	5.28	-
Critical Moment (kip-ft)	1609.48	-
Critical Moment Capacity	4944.95	-
Rating*	*31.0%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	14.06	-
Critical Shear (kip)	243.76	-
Critical Shear Capacity	576.91	-
Rating*	*40.2%*	-

Structural Foundation Rating*	**40.2%**
Soil Interaction Rating*	**44.3%**

*Rating per TIA-222-H Section 15.5

Soil Profile

Groundwater Depth	13

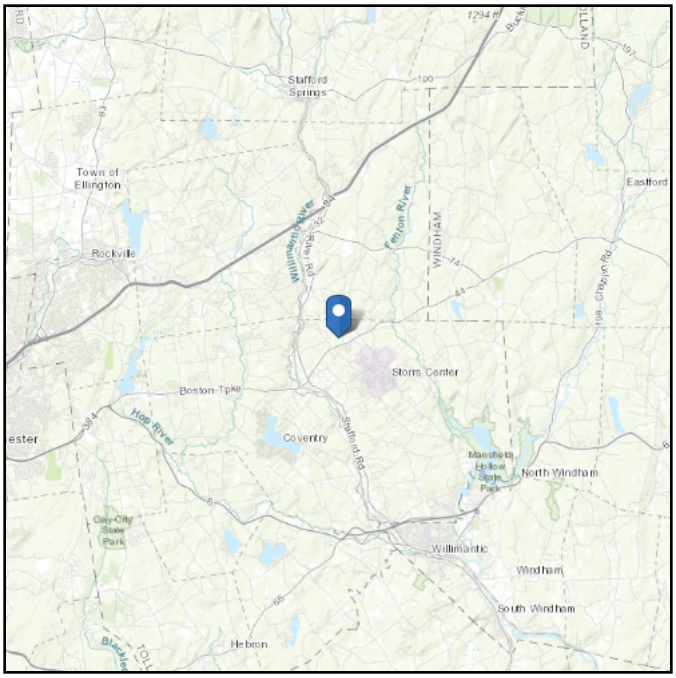
# of Layers	6

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	3.5	3.5	130	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	3.5	5	1.5	130	150	0	32	0.675	0.675				72	Cohesionless
3	5	7	2	130	150	0	32	0.912	0.912				59	Cohesionless
4	7	10	3	130	150	0	32	1.223	1.223				52	Cohesionless
5	10	13	3	130	150	0	32	1.558	1.558				54	Cohesionless
6	13	19	6	67.6	87.6	0	32	1.817	1.817			4	41	Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	559.18 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.825781
Soil Class:	D - Stiff Soil	**Longitude:**	-72.281794



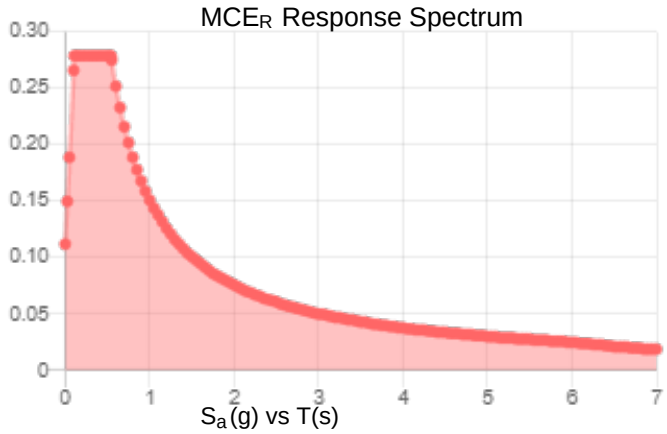
Seismic

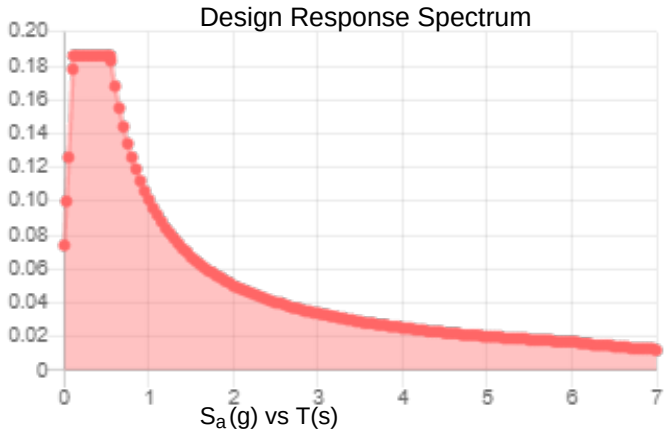
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.175	S_{DS} :	0.186
S_1 :	0.063	S_{D1} :	0.101
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.087
S_{MS} :	0.279	PGA_M :	0.139
S_{M1} :	0.151	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Tue Aug 03 2021

Date Source: USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Tue Aug 03 2021

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 50-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
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
Peter.Albano@ColliersEngineering.com

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10090112
Maser Consulting Connecticut Project #: 21781012A

July 30, 2021

Site Information	*Site ID:*	*468456-VZW / MANSFIELD CT*
	Site Name:	*MANSFIELD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*497 Middle Turnpike* *Storrs Mansfield, Connecticut 06268* *Tolland County*
	Latitude:	*41.825781°*
	Longitude:	*-72.281794°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

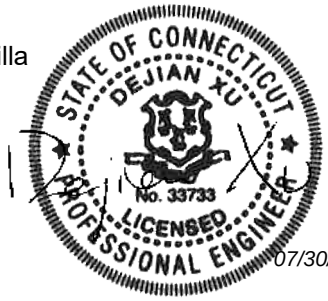
FUZE ID # 16244624

Analysis Results

Platform: **50.3% Pass**

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

Report Prepared By: Zachary Bandilla



07/30/2021

Executive Summary:

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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 Sheet (RFDS)	*Verizon RFDS, Site ID: 674960, dated 7/13/2021*
Mount Mapping Report	*Hudson Design Group LLC., Site ID: 468456, dated 6/9/2021*
Previous Mount Analysis	*Maser Consulting, Project #: 21781012A, Dated July 23, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21781012A, Dated July 30, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	119 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.980
Seismic Parameters:	S_S:	0.184
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
107.00	108.50	3	Commscope	NHH-65B-R2B	Added
		3	Commscope	NHHSS-65B-R2BT0	
		3	Samsung	MT6407-77A	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	RFS	DB-B1-6C-12AB-0Z	
		3	Andrew	LNX-8513DS	Retained
		1	Raycap	RRFDC-3315-PF-48*	

* Equipment to be flush mounted directly to the Monopole. They are not mounted on the platform mount and are not included in this mount analysis.

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

Model Number	Ports	AKA
RRODC-6627-PF-48	12	OVP-12

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

   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 by Maser Consulting Connecticut, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Maser Consulting.

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*18.9 %*	*Pass*
Standoff Horizontal	*37.9 %*	*Pass*
Platform Crossmember	*21.2 %*	*Pass*
Mount Pipe	*30.6 %*	*Pass*
MOD Dual Mount Pipe	*21.2 %*	*Pass*
Corner Plate	*14.7 %*	*Pass*
Grating Support	*12.3 %*	*Pass*
Cross Arm Plate	*44.6 %*	*Pass*
OVP Pipe	*9.6 %*	*Pass*
MOD Support Rail	*16.1 %*	*Pass*
MOD Support Rail Corner Angle	*25.4 %*	*Pass*
Connection Check	*50.3 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**50.3%**

Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter


07.03.2017 13:50


07.03.2017 12:45

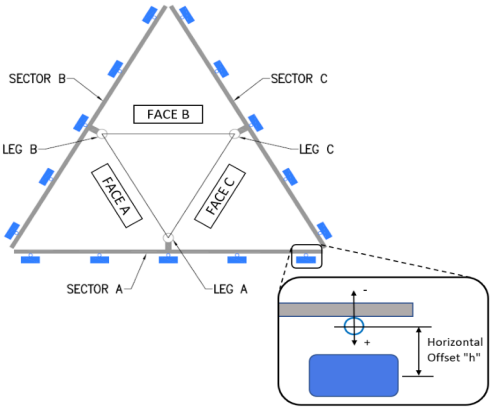
V4.0 Updated on 3-31-2021

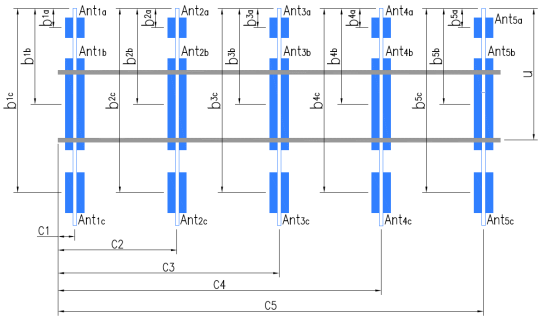
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/9/2021
Site Name:	MANSFIELD CT	**Tower Type:**	Monopole
Site Number or ID:	468456	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	109.16

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





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	2" STD. PIPE X 78.5" LONG	55.00	16.00	C1	2" STD. PIPE X 78.5" LONG	55.00	16.00
A2	2" STD. PIPE X 90" LONG	55.00	75.00	C2	2" STD. PIPE X 90" LONG	55.00	75.00
A3	2" STD. PIPE X 72" LONG	42.00	111.00	C3	2" STD. PIPE X 72" LONG	42.00	111.00
A4	2" STD. PIPE X 72" LONG	42.00	135.00	C4	2" STD. PIPE X 72" LONG	42.00	135.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 78.5" LONG	55.00	16.00	D1			
B2	2" STD. PIPE X 90" LONG	55.00	75.00	D2			
B3	2" STD. PIPE X 72" LONG	42.00	111.00	D3			
B4	2" STD. PIPE X 72" LONG	42.00	135.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	6
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.

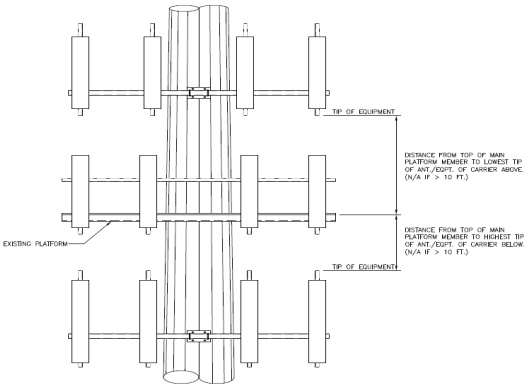
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	28
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375

	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 RRH2x60-4R	11.00	5.50	36.00		111.327	29.00	-7.00		29,49
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		110.743	36.00	8.50	31.00	29,48,93
Ant_{1c}										
Ant_{2a}	B13 RRH4x30	12.00	7.50	20.50		111.243	30.00	-7.00		30,53
Ant_{2b}	LNX-6514DS-A1M	12.00	7.50	72.50		110.743	36.00	8.00	31.00	30,52,94
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		110.493	26.00	8.50	31.00	31,55,95
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LNX-8513DS-A1M	12.00	7.50	72.50		110.41	27.00	8.00	31.00	31,57,95
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

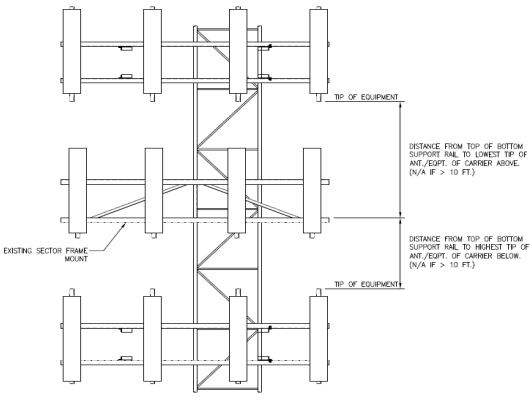
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	35.00	Deg	Leg A:		Deg
Sector B:	155.00	Deg	Leg B:		Deg
Sector C:	275.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

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

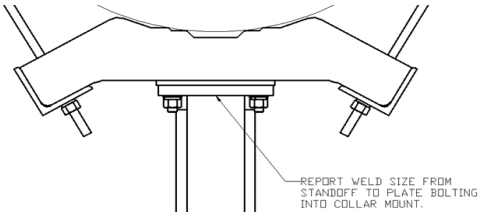
Please insert a photo of the mount centerline measurement here.



FOR PLATFORMS



For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}	B4 RRH2x60-4R	11.00	5.50	36.00		111.327	29.00	-7.00		32,49
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		110.743	36.00	8.50	135.00	32,48,99
Ant_{1c}										
Ant_{2a}	B13 RRH4x30	12.00	7.50	20.50		111.243	30.00	-7.00		33,53
Ant_{2b}	LNX-4514DS-A1M	15.00	6.50	51.50		111.577	26.00	7.00	135.00	33,76,100
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		110.493	26.00	8.50	135.00	34,55,101
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LNX-8513DS-A1M	12.00	7.50	72.50		110.41	27.00	8.00	135.00	34,57,101
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	B4 RRH2x60-4R	11.00	5.50	36.00		111.327	29.00	-7.00		35,49
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		110.743	36.00	8.50	260.00	35,48,106
Ant_{1c}										
Ant_{2a}	B13 RRH4x30	12.00	7.50	20.50		111.243	30.00	-7.00		36,53
Ant_{2b}	LNX-6514DS-A1M	12.00	7.50	72.50		110.743	36.00	8.00	260.00	36,52,107
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		110.493	26.00	8.50	260.00	36,55,107
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LNX-8513DS-A1M	12.00	7.50	72.50		110.41	27.00	8.00	260.00	37,57,107
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		Additional Comments:	
Lighting Technology:		Photo #			
Elevation (AGL) at base of light (Ft.):		Photo #			
Is a service loop available?		Photo #			
Is beacon installed on an extension?		Photo #			

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.

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/9/2021
Site Name:	MANSFIELD CT	**Tower Type:**	Monopole
Site Number or ID:	468456	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	109.16

Please Insert Sketches of the Antenna Mount

6/18/2021

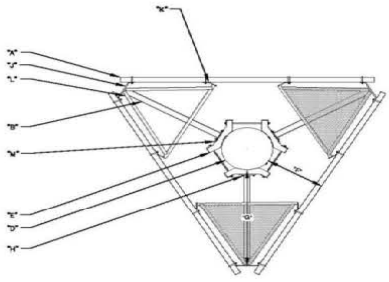
HUDSON Design Group LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

MOUNT MAPPING CHECKLIST

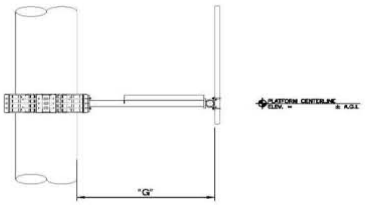
CARRIER:	COLLIER	SITE #:	Mansfield CT	SITE NAME:	
DATE:	6/9/2021	MAPPED BY:	JC	SITE OWNER:	CROWN CASTLE

DESCRIPTION	STATUS	Value
A: FACE PIPE CONFIG.	☐	
SIZE		3-1/2"
LENGTH		12'6"
B: STAND OFF SIZE	☐	4x4
C: ANTENNA PIPE MAST	☐	1/8"
DIA.		2-3/8"
LENGTH		78.5"-90"-72"-72"
D: MONOPOLE DIA.	☐	28"
E: RINGMOUNT	☐	10"x 3/8-1/2"
F: TOWER TO FACE	☐	38"
G: TOWER TO APEX	☐	69.5"
H: HARDWARE	☐	5/8"Ø
I: U-BOLTS	☐	1/2"Ø
J: A PLATE	☐	6"x 12.5"x 3"x 1/2"
K: B PLATE	☐	6"x 5"x 3.5"x 3/8"
L: ANGLE	☐	2"X2"X3/16"
M: MOUNTING PLATE	☐	10"x 10"x 5/8"
N: ALPHA POS 1	☐	HBXX-6517DS-A2M
ALPHA POS 2	☐	LNX-6514DS-A1M
ALPHA POS 3	☐	HBXX-6517DS-A2M
ALPHA POS 4	☐	LNX-8513DS-A1M
ALPHA POS 5		
O: BETA POS 1	☐	HBXX-6517DS-A2M
BETA POS 2	☐	LNX-4514DS-A1M
BETA POS 3	☐	HBXX-6517DS-A2M
BETA POS 4	☐	LNX-8513DS-A1M
BETA POS 5		
P: GAMMA POS 1	☐	HBXX-6517DS-A2M
GAMMA POS 2	☐	LNX-6514DS-A1M
GAMMA POS 3	☐	HBXX-6517DS-A2M
GAMMA POS 4	☐	LNX-8513DS-A1M
GAMMA POS 5		
Q: TMA	☐	0
R: RADIOS	☐	(3) B4 (3) B13
S: SURGE	☐	(2) Banded to tower
T: SECOND MOUNT	☐	

Legend



PLAN



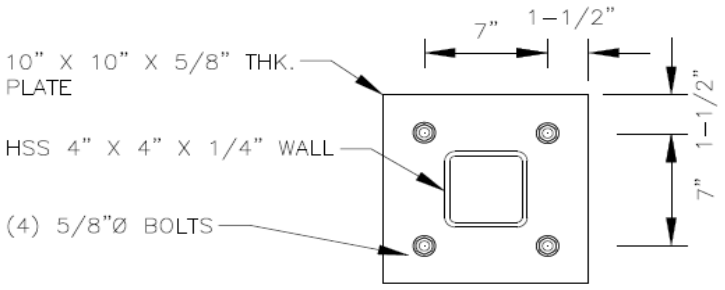
ELEVATION

FACE SKETCH

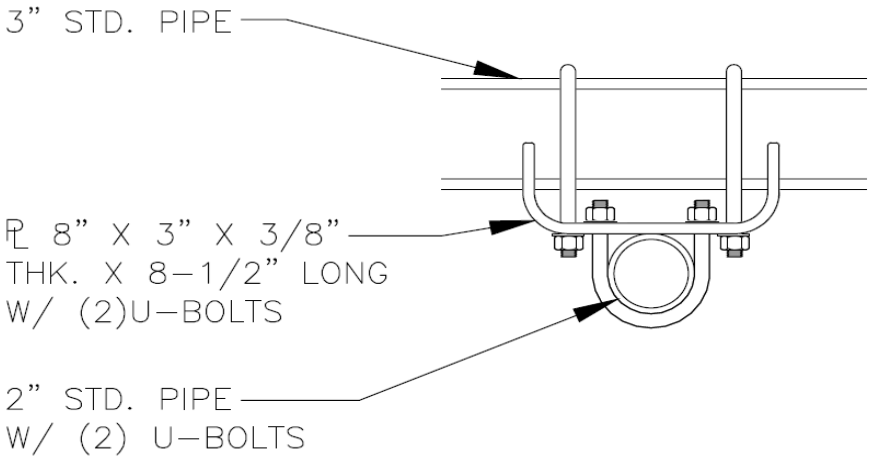
COMMENTS:

Mansfield AESN 06092021

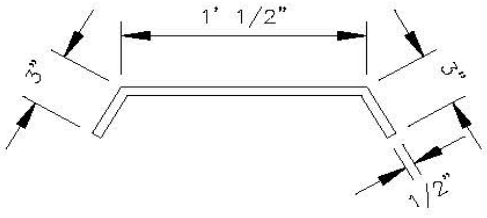
Please Insert Sketches of the Antenna Mount, cont'd



STANDOFF TO RING MOUNT CONNECTION

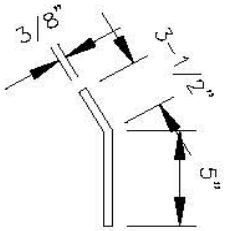


ANTENNA PIPE MAST MOUNT CONNECTION



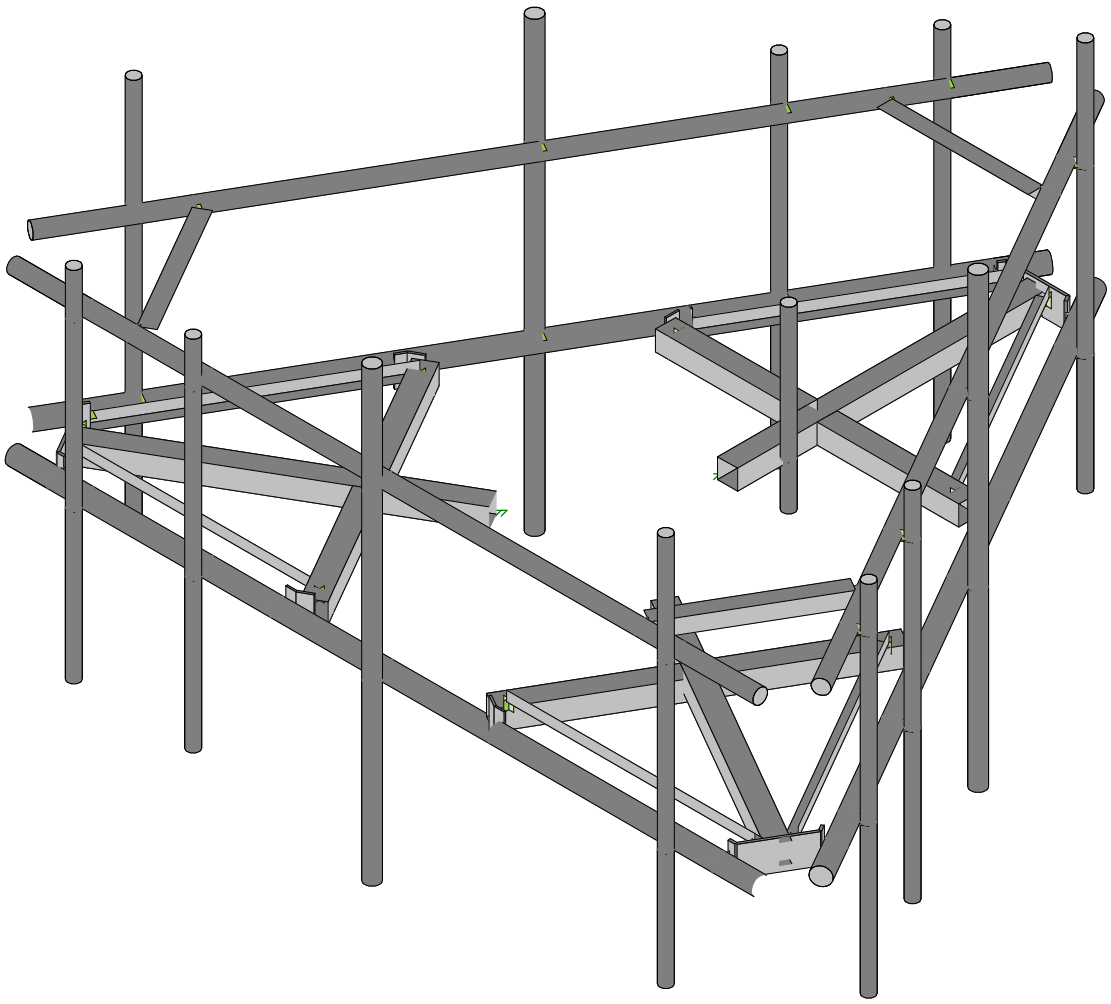
DETAIL J

APEX "A" PLATE DETAIL



DETAIL K

"B" PLATE DETAIL



Envelope Only Solution

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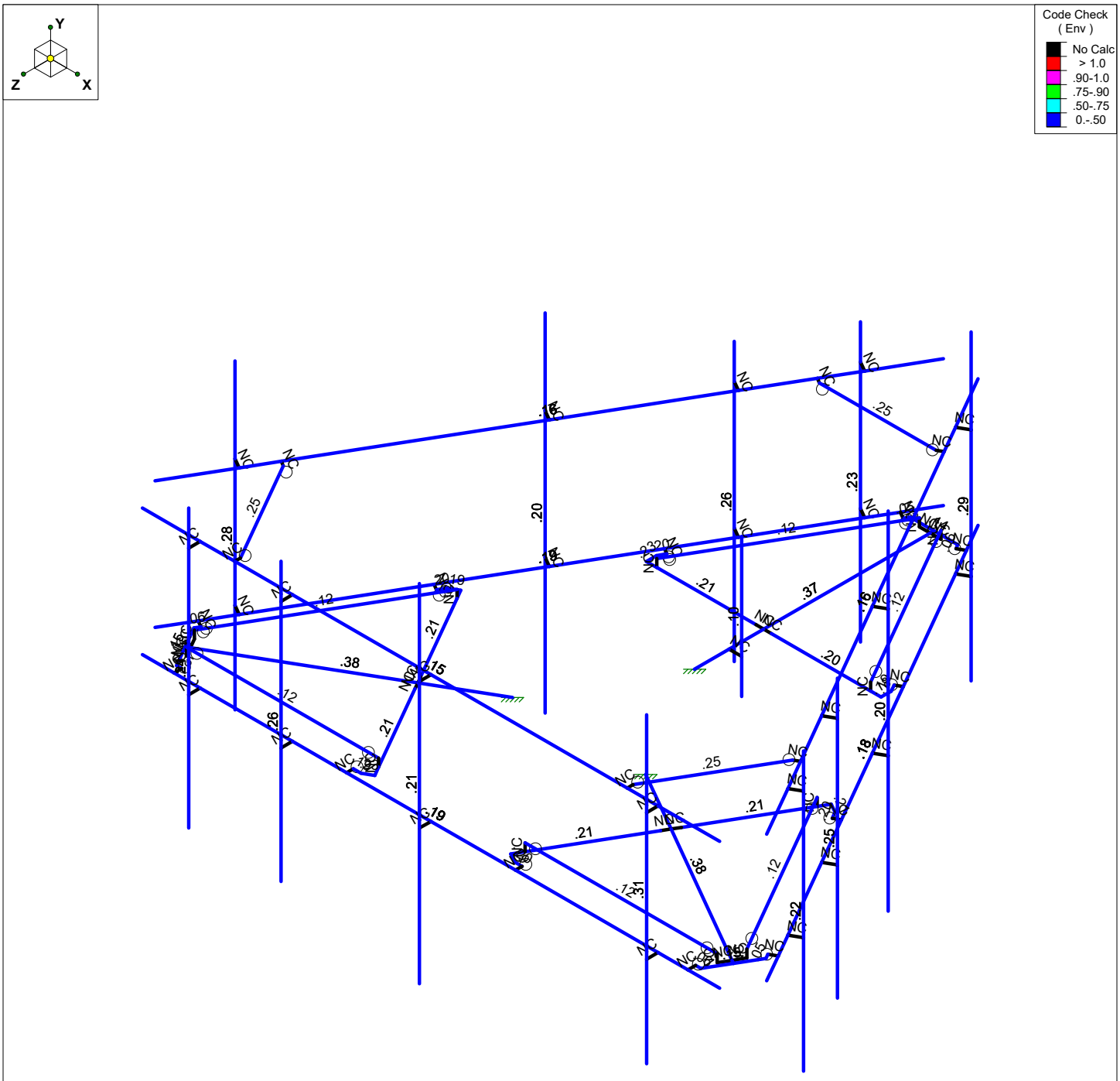
		July 28, 2021 at 4:57 PM
		468456-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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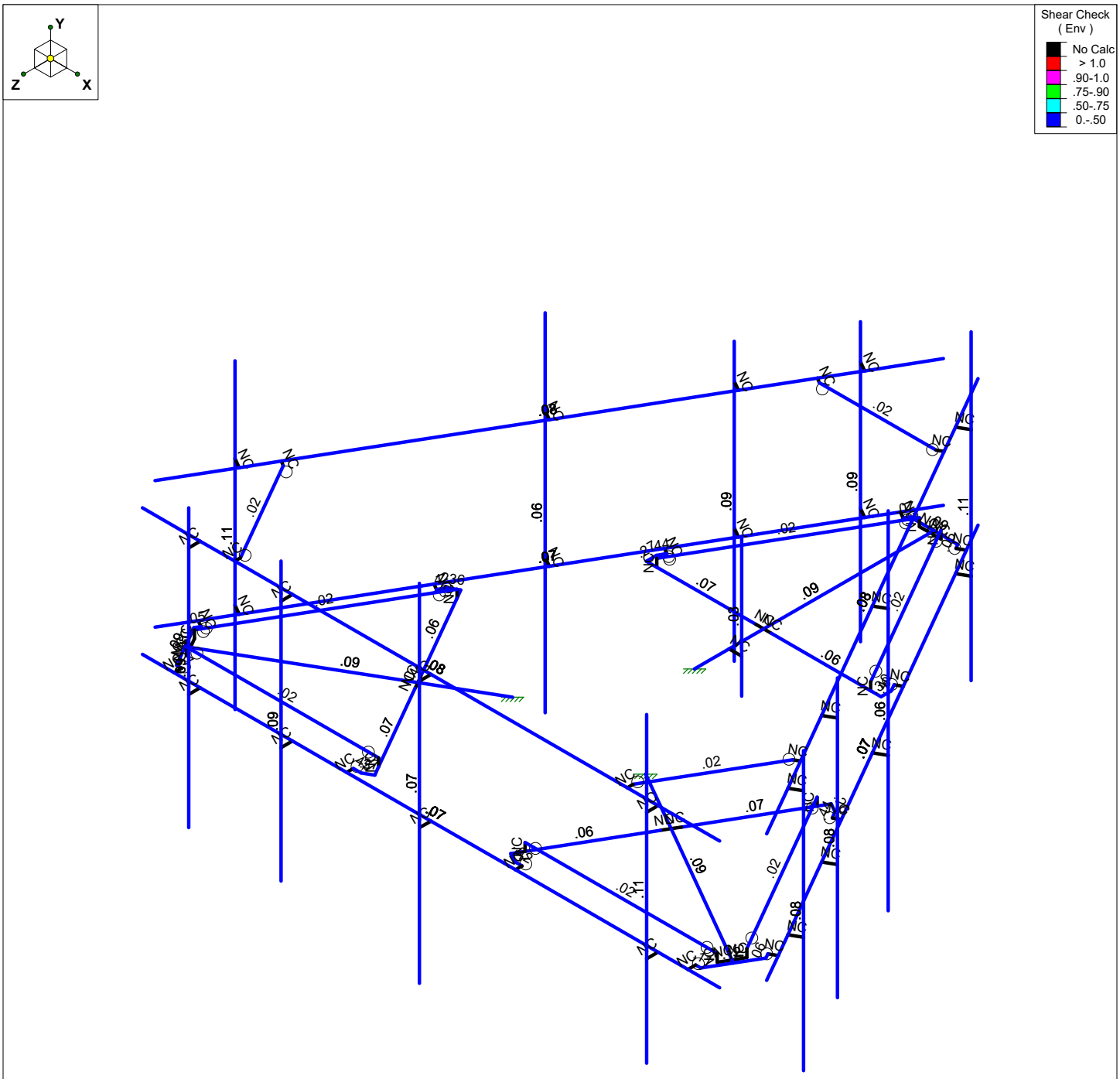


Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 4
		July 28, 2021 at 4:57 PM
		468456-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					102			
2	Antenna Di	None					102			
3	Antenna Wo (0 Deg)	None					102			
4	Antenna Wo (30 Deg)	None					102			
5	Antenna Wo (60 Deg)	None					102			
6	Antenna Wo (90 Deg)	None					102			
7	Antenna Wo (120 Deg)	None					102			
8	Antenna Wo (150 Deg)	None					102			
9	Antenna Wo (180 Deg)	None					102			
10	Antenna Wo (210 Deg)	None					102			
11	Antenna Wo (240 Deg)	None					102			
12	Antenna Wo (270 Deg)	None					102			
13	Antenna Wo (300 Deg)	None					102			
14	Antenna Wo (330 Deg)	None					102			
15	Antenna Wi (0 Deg)	None					102			
16	Antenna Wi (30 Deg)	None					102			
17	Antenna Wi (60 Deg)	None					102			
18	Antenna Wi (90 Deg)	None					102			
19	Antenna Wi (120 Deg)	None					102			
20	Antenna Wi (150 Deg)	None					102			
21	Antenna Wi (180 Deg)	None					102			
22	Antenna Wi (210 Deg)	None					102			
23	Antenna Wi (240 Deg)	None					102			
24	Antenna Wi (270 Deg)	None					102			
25	Antenna Wi (300 Deg)	None					102			
26	Antenna Wi (330 Deg)	None					102			
27	Antenna Wm (0 Deg)	None					102			
28	Antenna Wm (30 Deg)	None					102			
29	Antenna Wm (60 Deg)	None					102			
30	Antenna Wm (90 Deg)	None					102			
31	Antenna Wm (120 Deg)	None					102			
32	Antenna Wm (150 Deg)	None					102			
33	Antenna Wm (180 Deg)	None					102			
34	Antenna Wm (210 Deg)	None					102			
35	Antenna Wm (240 Deg)	None					102			
36	Antenna Wm (270 Deg)	None					102			
37	Antenna Wm (300 Deg)	None					102			
38	Antenna Wm (330 Deg)	None					102			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De...	None						116		
67	Structure Wm (60 De...	None						116		
68	Structure Wm (90 De...	None						116		
69	Structure Wm (120 D...	None						116		
70	Structure Wm (150 D...	None						116		
71	Structure Wm (180 D...	None						116		
72	Structure Wm (210 D...	None						116		
73	Structure Wm (240 D...	None						116		
74	Structure Wm (270 D...	None						116		
75	Structure Wm (300 D...	None						116		
76	Structure Wm (330 D...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Solve	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	Solve	P...	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact...
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		
52	Seismic M...		Y		1	1	39	1																		
53	1.2D + 1.0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1												
54	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866												
55	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5												
56	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ													
57	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5												
58	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866												
59	1.2D + 1.0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1												
60	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866												
61	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5												
62	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ													
63	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5												
64	1.2D + 1.0...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866												

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.03969	0	
2	N2	-6.25	0	4.03969	0	
3	N3	0	0	-1.666667	0	
4	N5	-2.541667	0	-3.166667	0	
5	N6	2.315104	0.166667	-3.166667	0	
6	N7	-2.315104	0.166667	-3.166667	0	
7	N8	4.916667	0	4.03969	0	
8	N9	4.916667	0	4.28969	0	
9	N10	-5	0	4.03969	0	
10	N11	-5	0	4.28969	0	
11	N12	-0.	0	4.03969	0	
12	N13	-0.	0	4.28969	0	
13	N14	-3	0	4.03969	0	
14	N15	-3	0	4.28969	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N16	-3	-2.5	4.28969	0	
16	N17	-3	3.5	4.28969	0	
17	N18	-5	-2.5	4.28969	0	
18	N19	-5	3.5	4.28969	0	
19	N20	-0.	-2.916667	4.28969	0	
20	N21	-0.	4.583333	4.28969	0	
21	N22	4.916667	-1.958333	4.28969	0	
22	N23	4.916667	4.583333	4.28969	0	
23	N24	0	0	-3.166667	0	
24	N27	0	0	-6.854167	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.166667	0	
27	N30	-2.315104	0	-3.166667	0	
28	N101	2.541667	0	-3.166667	0	
29	N102	-0.166667	0	-3.166667	0	
30	N103A	0.166667	0	-3.166667	0	
31	N104A	-2.541667	0	-3.385417	0	
32	N105	2.541667	0	-3.385417	0	
33	N131	2.458333	0	-3.529754	0	
34	N135	0.571615	0	-6.75719	0	
35	N144	-2.458333	0	-3.529754	0	
36	N148	-0.571615	0	-6.75719	0	
37	N86A	2.584629	0	-3.602671	0	
38	N86B	-2.584629	0	-3.602671	0	
39	N86C	-0.515625	0	-6.854167	0	
40	N87A	0.515625	0	-6.854167	0	
41	N86D	0.715429	0	-6.840221	0	
42	N86E	-0.715429	0	-6.840221	0	
43	N88A	0	0	-6.770833	0	
44	N87C	0.234238	0.166667	-6.770833	0	
45	N86G	0.234238	0	-6.770833	0	
46	N87B	-0.234238	0.166667	-6.770833	0	
47	N88C	-0.234238	0	-6.770833	0	
48	N48	-1.443376	0	0.833333	0	
49	N49	-1.47158	0	3.784481	0	
50	N50	-3.899966	0.166667	-0.421606	0	
51	N51	-1.584862	0.166667	3.588272	0	
52	N52	-2.742414	0	1.583333	0	
53	N53	-5.935882	0	3.427083	0	
54	N54	-3.899966	0	-0.421606	0	
55	N55	-1.584862	0	3.588272	0	
56	N56	-4.013247	0	-0.617815	0	
57	N57	-2.65908	0	1.727671	0	
58	N58	-2.825747	0	1.438996	0	
59	N59	-1.661024	0	3.893856	0	
60	N60	-4.20269	0	-0.50844	0	
61	N61	-4.286024	0	-0.364102	0	
62	N62	-6.137705	0	2.883562	0	
63	N63	-1.82769	0	3.893856	0	
64	N64	-5.566091	0	3.873628	0	
65	N65	-4.412319	0	-0.437019	0	
66	N66	-1.82769	0	4.03969	0	
67	N67	-5.67807	0	3.873628	0	
68	N68	-6.193695	0	2.980539	0	
69	N69	-6.281519	0	2.800531	0	
70	N70	-5.566091	0	4.03969	0	
71	N71	-5.863714	0	3.385417	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N72	-5.980832	0.166667	3.182561	0	
73	N73	-5.980832	0	3.182561	0	
74	N74	-5.746595	0.166667	3.588272	0	
75	N75	-5.746595	0	3.588272	0	
76	N76	1.443376	0	0.833333	0	
77	N77	4.013247	0	-0.617815	0	
78	N78	1.584862	0.166667	3.588272	0	
79	N79	3.899966	0.166667	-0.421606	0	
80	N80	2.742414	0	1.583333	0	
81	N81	5.935882	0	3.427083	0	
82	N82	1.584862	0	3.588272	0	
83	N83	3.899966	0	-0.421606	0	
84	N84	1.47158	0	3.784481	0	
85	N85	2.825747	0	1.438996	0	
86	N86	2.65908	0	1.727671	0	
87	N87	4.20269	0	-0.50844	0	
88	N88	1.661024	0	3.893856	0	
89	N89	1.82769	0	3.893856	0	
90	N90	5.566091	0	3.873628	0	
91	N91	4.286024	0	-0.364102	0	
92	N92	6.137705	0	2.883562	0	
93	N93	1.82769	0	4.03969	0	
94	N94	4.412319	0	-0.437019	0	
95	N95	6.193695	0	2.980539	0	
96	N96	5.67807	0	3.873628	0	
97	N97	5.566091	0	4.03969	0	
98	N98	6.281519	0	2.800531	0	
99	N99	5.863714	0	3.385417	0	
100	N100	5.746595	0.166667	3.588272	0	
101	N101A	5.746595	0	3.588272	0	
102	N102A	5.980832	0.166667	3.182561	0	
103	N103	5.980832	0	3.182561	0	
104	N104	0.373474	0	-7.432504	0	
105	N105A	6.623474	0	3.392814	0	
106	N106	1.040141	0	-6.277803	0	
107	N107	1.256647	0	-6.402803	0	
108	N108	5.998474	0	2.310282	0	
109	N109	6.21498	0	2.185282	0	
110	N110	3.498474	0	-2.019845	0	
111	N111	3.71498	0	-2.144845	0	
112	N112	4.998474	0	0.578231	0	
113	N113	5.21498	0	0.453231	0	
114	N114	5.21498	-2.5	0.453231	0	
115	N115	5.21498	3.5	0.453231	0	
116	N116	6.21498	-2.5	2.185282	0	
117	N117	6.21498	3.5	2.185282	0	
118	N118	3.71498	-2.916667	-2.144845	0	
119	N119	3.71498	4.583333	-2.144845	0	
120	N120	1.256647	-1.958333	-6.402803	0	
121	N121	1.256647	4.583333	-6.402803	0	
122	N122	-6.623474	0	3.392814	0	
123	N123	-0.373474	0	-7.432504	0	
124	N124	-5.956807	0	2.238113	0	
125	N125	-6.173314	0	2.113113	0	
126	N126	-0.998474	0	-6.349972	0	
127	N127	-1.21498	0	-6.474972	0	
128	N128	-3.498474	0	-2.019845	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	-3.71498	0	-2.144845	0	
130	N130	-1.998474	0	-4.617921	0	
131	N131A	-2.21498	0	-4.742921	0	
132	N132	-2.21498	-2.5	-4.742921	0	
133	N133	-2.21498	3.5	-4.742921	0	
134	N134	-1.21498	-2.5	-6.474972	0	
135	N135A	-1.21498	3.5	-6.474972	0	
136	N136	-3.71498	-2.916667	-2.144845	0	
137	N137	-3.71498	4.583333	-2.144845	0	
138	N138	-6.173314	-1.958333	2.113113	0	
139	N139	-6.173314	4.583333	2.113113	0	
140	N140	0	0	-2.416667	0	
141	N141	0.270833	0	-2.416667	0	
142	N142	0.270833	-.75	-2.416667	0	
143	N143	0.270833	2.25	-2.416667	0	
144	N144A	6.25	2.75	4.03969	0	
145	N145	-6.25	2.75	4.03969	0	
146	N146	4.916667	2.75	4.03969	0	
147	N147	4.916667	2.75	4.28969	0	
148	N148A	-5	2.75	4.03969	0	
149	N149	-5	2.75	4.28969	0	
150	N150	-0.	2.75	4.03969	0	
151	N151	-0.	2.75	4.28969	0	
152	N152	-3	2.75	4.03969	0	
153	N153	-3	2.75	4.28969	0	
154	N155	0.373474	2.75	-7.432504	0	
155	N156	6.623474	2.75	3.392814	0	
156	N157	1.040141	2.75	-6.277803	0	
157	N158	1.256647	2.75	-6.402803	0	
158	N159	5.998474	2.75	2.310282	0	
159	N160	6.21498	2.75	2.185282	0	
160	N161	3.498474	2.75	-2.019845	0	
161	N162	3.71498	2.75	-2.144845	0	
162	N163	4.998474	2.75	0.578231	0	
163	N164	5.21498	2.75	0.453231	0	
164	N166	-6.623474	2.75	3.392814	0	
165	N167	-0.373474	2.75	-7.432504	0	
166	N168	-5.956807	2.75	2.238113	0	
167	N169	-6.173314	2.75	2.113113	0	
168	N170	-0.998474	2.75	-6.349972	0	
169	N171	-1.21498	2.75	-6.474972	0	
170	N172	-3.498474	2.75	-2.019845	0	
171	N173	-3.71498	2.75	-2.144845	0	
172	N174	-1.998474	2.75	-4.617921	0	
173	N175	-2.21498	2.75	-4.742921	0	
174	N174A	4.25	2.75	4.03969	0	
175	N175A	4.25	2.75	3.91469	0	
176	N176	-4.25	2.75	4.03969	0	
177	N177	-4.25	2.75	3.91469	0	
178	N178	1.373474	2.75	-5.700453	0	
179	N179	1.265221	2.75	-5.637953	0	
180	N180	5.623474	2.75	1.660763	0	
181	N181	5.515221	2.75	1.723263	0	
182	N182	-5.623474	2.75	1.660763	0	
183	N183	-5.515221	2.75	1.723263	0	
184	N184	-1.373474	2.75	-5.700453	0	
185	N185	-1.265221	2.75	-5.637953	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design L...	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareT...	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareT...	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single A...	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	OVP Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	MOD Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	MOD Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	MOD Support Rail Cor...	L3X3X4	Beam	Single A...	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			MOD Dual Mo...	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N48	N53			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N56	N58			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N57	N49			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N67	N68			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N51	N55			RIGID	None	None	RIGID	Typical
39	M39	N50	N54			RIGID	None	None	RIGID	Typical
40	M40	N72	N50			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N51	N74			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N74	N75			RIGID	None	None	RIGID	Typical
43	M43A	N57	N52			RIGID	None	None	RIGID	Typical
44	M44	N52	N58			RIGID	None	None	RIGID	Typical
45	M45	N56	N60			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N60	N61			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N61	N65			RIGID	None	None	RIGID	Typical
48	M48	N68	N62			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N62	N69			RIGID	None	None	RIGID	Typical
50	M50A	N49	N59			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51C	N59	N63			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52A	N63	N66			RIGID	None	None	RIGID	Typical
53	M53	N67	N64			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N64	N70			RIGID	None	None	RIGID	Typical
55	M55	N75	N71			RIGID	None	None	RIGID	Typical
56	M56	N71	N73			RIGID	None	None	RIGID	Typical
57	M57	N72	N73			RIGID	None	None	RIGID	Typical
58	M58A	N76	N81			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N84	N86			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N85	N77			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N95	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N79	N83			RIGID	None	None	RIGID	Typical
63	M63	N78	N82			RIGID	None	None	RIGID	Typical
64	M64	N100	N78			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N79	N102A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N102A	N103			RIGID	None	None	RIGID	Typical
67	M67	N85	N80			RIGID	None	None	RIGID	Typical
68	M68	N80	N86			RIGID	None	None	RIGID	Typical
69	M69	N84	N88			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N88	N89			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M71	N89	N93			RIGID	None	None	RIGID	Typical
72	M72	N96	N90			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N90	N97			RIGID	None	None	RIGID	Typical
74	M74	N77	N87			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N87	N91			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76A	N91	N94			RIGID	None	None	RIGID	Typical
77	M77A	N95	N92			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N92	N98			RIGID	None	None	RIGID	Typical
79	M79A	N103	N99			RIGID	None	None	RIGID	Typical
80	M80A	N99	N101A			RIGID	None	None	RIGID	Typical
81	M81	N100	N101A			RIGID	None	None	RIGID	Typical
82	M82	N104	N105A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N106	N107			RIGID	None	None	RIGID	Typical
84	M84A	N108	N109			RIGID	None	None	RIGID	Typical
85	M85A	N110	N111			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	MP3C	N115	N114			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP4C	N117	N116			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP2C	N119	N118			MOD Dual Mo...	Column	Pipe	A53 Gr.B	Typical
90	MP1C	N121	N120			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N122	N123			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
92	M92A	N124	N125			RIGID	None	None	RIGID	Typical
93	M93	N126	N127			RIGID	None	None	RIGID	Typical
94	M94	N128	N129			RIGID	None	None	RIGID	Typical
95	M95	N130	N131A			RIGID	None	None	RIGID	Typical
96	MP3B	N133	N132			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N135A	N134			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2B	N137	N136			MOD Dual Mo...	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N139	N138			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N140	N141			RIGID	None	None	RIGID	Typical
101	OVP	N143	N142			OVP Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N144A	N145			MOD Support ...	Beam	Pipe	A53 Gr.B	Typical
103	M103	N146	N147			RIGID	None	None	RIGID	Typical
104	M104	N148A	N149			RIGID	None	None	RIGID	Typical
105	M105	N150	N151			RIGID	None	None	RIGID	Typical
106	M106	N152	N153			RIGID	None	None	RIGID	Typical
107	M107	N155	N156			MOD Support ...	Beam	Pipe	A53 Gr.B	Typical
108	M108	N157	N158			RIGID	None	None	RIGID	Typical
109	M109	N159	N160			RIGID	None	None	RIGID	Typical
110	M110	N161	N162			RIGID	None	None	RIGID	Typical
111	M111	N163	N164			RIGID	None	None	RIGID	Typical
112	M112	N166	N167			MOD Support ...	Beam	Pipe	A53 Gr.B	Typical
113	M113	N168	N169			RIGID	None	None	RIGID	Typical
114	M114	N170	N171			RIGID	None	None	RIGID	Typical
115	M115	N172	N173			RIGID	None	None	RIGID	Typical
116	M116	N174	N175			RIGID	None	None	RIGID	Typical
117	M117	N174A	N175A			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N182	N183			RIGID	None	None	RIGID	Typical
122	M122	N184	N185			RIGID	None	None	RIGID	Typical
123	M123	N175A	N181		180	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N179	N185		180	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
125	M125	N183	N177		180	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	Face Horizo...	12.5			Lbyy						Lateral
2	M4	Standoff Ho...	5.188			Lbyy						Lateral
3	M10	Platform Cr...	2.375			Lbyy						Lateral
4	MP3A	Mount Pipe	6			Lbyy						Lateral
5	MP4A	Mount Pipe	6			Lbyy						Lateral
6	MP2A	MOD Dual ...	7.5			Lbyy						Lateral
7	MP1A	Mount Pipe	6.542			Lbyy						Lateral
8	M43	Platform Cr...	2.375			Lbyy						Lateral
9	M46	Corner Plate	1.031			Lbyy						Lateral
10	M51B	Grating Sup...	4.162			Lbyy						Lateral
11	M52B	Grating Sup...	4.162			Lbyy						Lateral
12	M76	Cross Arm ...	.219									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
13	M77	Cross Arm ...	.167									Lateral
14	M80	Corner Plate	.112			Lbyy						Lateral
15	M84	Cross Arm ...	.219									Lateral
16	M85	Cross Arm ...	.167									Lateral
17	M91	Corner Plate	.112			Lbyy						Lateral
18	M34	Standoff Ho...	5.188			Lbyy						Lateral
19	M35	Platform Cr...	2.375			Lbyy						Lateral
20	M36	Platform Cr...	2.375			Lbyy						Lateral
21	M37	Corner Plate	1.031			Lbyy						Lateral
22	M40	Grating Sup...	4.162			Lbyy						Lateral
23	M41	Grating Sup...	4.162			Lbyy						Lateral
24	M45	Cross Arm ...	.219									Lateral
25	M46A	Cross Arm ...	.167									Lateral
26	M48	Corner Plate	.112			Lbyy						Lateral
27	M50A	Cross Arm ...	.219									Lateral
28	M51C	Cross Arm ...	.167									Lateral
29	M53	Corner Plate	.112			Lbyy						Lateral
30	M58A	Standoff Ho...	5.188			Lbyy						Lateral
31	M59A	Platform Cr...	2.375			Lbyy						Lateral
32	M60	Platform Cr...	2.375			Lbyy						Lateral
33	M61	Corner Plate	1.031			Lbyy						Lateral
34	M64	Grating Sup...	4.162			Lbyy						Lateral
35	M65	Grating Sup...	4.162			Lbyy						Lateral
36	M69	Cross Arm ...	.219									Lateral
37	M70	Cross Arm ...	.167									Lateral
38	M72	Corner Plate	.112			Lbyy						Lateral
39	M74	Cross Arm ...	.219									Lateral
40	M75	Cross Arm ...	.167									Lateral
41	M77A	Corner Plate	.112			Lbyy						Lateral
42	M82	Face Horizo...	12.5			Lbyy						Lateral
43	MP3C	Mount Pipe	6			Lbyy						Lateral
44	MP4C	Mount Pipe	6			Lbyy						Lateral
45	MP2C	MOD Dual ...	7.5			Lbyy						Lateral
46	MP1C	Mount Pipe	6.542			Lbyy						Lateral
47	M91A	Face Horizo...	12.5			Lbyy						Lateral
48	MP3B	Mount Pipe	6			Lbyy						Lateral
49	MP4B	Mount Pipe	6			Lbyy						Lateral
50	MP2B	MOD Dual ...	7.5			Lbyy						Lateral
51	MP1B	Mount Pipe	6.542			Lbyy						Lateral
52	OVP	OVP Pipe	3									Lateral
53	M102	MOD Supp...	12.5			Lbyy						Lateral
54	M107	MOD Supp...	12.5			Lbyy						Lateral
55	M112	MOD Supp...	12.5			Lbyy						Lateral
56	M123	MOD Supp...	2.53			Lbyy						Lateral
57	M124	MOD Supp...	2.53			Lbyy						Lateral
58	M125	MOD Supp...	2.53			Lbyy						Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-21.85	1
2	MP2A	My	-.018	1
3	MP2A	Mz	-.000594	1
4	MP2A	Y	-21.85	5
5	MP2A	My	-.018	5
6	MP2A	Mz	-.000594	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	Y	-21.85	1
8	MP2B	My	.01	1
9	MP2B	Mz	-.015	1
10	MP2B	Y	-21.85	5
11	MP2B	My	.01	5
12	MP2B	Mz	-.015	5
13	MP2C	Y	-21.85	1
14	MP2C	My	.009	1
15	MP2C	Mz	.016	1
16	MP2C	Y	-21.85	5
17	MP2C	My	.009	5
18	MP2C	Mz	.016	5
19	MP1A	Y	-43.55	2
20	MP1A	My	-.024	2
21	MP1A	Mz	.017	2
22	MP1A	Y	-43.55	4
23	MP1A	My	-.024	4
24	MP1A	Mz	.017	4
25	MP1B	Y	-43.55	2
26	MP1B	My	-.003	2
27	MP1B	Mz	-.029	2
28	MP1B	Y	-43.55	4
29	MP1B	My	-.003	4
30	MP1B	Mz	-.029	4
31	MP1C	Y	-43.55	2
32	MP1C	My	.026	2
33	MP1C	Mz	.012	2
34	MP1C	Y	-43.55	4
35	MP1C	My	.026	4
36	MP1C	Mz	.012	4
37	MP3A	Y	-18.7	4
38	MP3A	My	.008	4
39	MP3A	Mz	-.005	4
40	MP3B	Y	-18.7	4
41	MP3B	My	.000815	4
42	MP3B	Mz	.009	4
43	MP3C	Y	-18.7	4
44	MP3C	My	-.008	4
45	MP3C	Mz	-.004	4
46	MP2A	Y	-73.7	2
47	MP2A	My	.03	2
48	MP2A	Mz	-.021	2
49	MP2B	Y	-73.7	2
50	MP2B	My	.003	2
51	MP2B	Mz	.037	2
52	MP2C	Y	-73.7	2
53	MP2C	My	-.033	2
54	MP2C	Mz	-.016	2
55	MP3A	Y	-70.33	2
56	MP3A	My	.029	2
57	MP3A	Mz	-.02	2
58	MP3B	Y	-70.33	2
59	MP3B	My	.003	2
60	MP3B	Mz	.035	2
61	MP3C	Y	-70.33	2
62	MP3C	My	-.032	2
63	MP3C	Mz	-.015	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	OVP	Y	-32	1
65	OVP	My	-.013	1
66	OVP	Mz	.009	1
67	MP4A	Y	-19.6	1
68	MP4A	My	-.011	1
69	MP4A	Mz	.007	1
70	MP4A	Y	-19.6	5
71	MP4A	My	-.011	5
72	MP4A	Mz	.007	5
73	MP4B	Y	-19.6	1
74	MP4B	My	-.001	1
75	MP4B	Mz	-.013	1
76	MP4B	Y	-19.6	5
77	MP4B	My	-.001	5
78	MP4B	Mz	-.013	5
79	MP4C	Y	-19.6	1
80	MP4C	My	.012	1
81	MP4C	Mz	.006	1
82	MP4C	Y	-19.6	5
83	MP4C	My	.012	5
84	MP4C	Mz	.006	5
85	MP2A	Y	-32.3	1
86	MP2A	My	-.008	1
87	MP2A	Mz	.026	1
88	MP2A	Y	-32.3	5
89	MP2A	My	-.008	5
90	MP2A	Mz	.026	5
91	MP2B	Y	-32.3	1
92	MP2B	My	-.018	1
93	MP2B	Mz	-.02	1
94	MP2B	Y	-32.3	5
95	MP2B	My	-.018	5
96	MP2B	Mz	-.02	5
97	MP2C	Y	-32.3	1
98	MP2C	My	-.018	1
99	MP2C	Mz	-.02	1
100	MP2C	Y	-32.3	5
101	MP2C	My	-.018	5
102	MP2C	Mz	-.02	5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-93.083	1
2	MP2A	My	-.078	1
3	MP2A	Mz	-.003	1
4	MP2A	Y	-93.083	5
5	MP2A	My	-.078	5
6	MP2A	Mz	-.003	5
7	MP2B	Y	-93.083	1
8	MP2B	My	.041	1
9	MP2B	Mz	-.066	1
10	MP2B	Y	-93.083	5
11	MP2B	My	.041	5
12	MP2B	Mz	-.066	5
13	MP2C	Y	-93.083	1
14	MP2C	My	.037	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mz	.068	1
16	MP2C	Y	-93.083	5
17	MP2C	My	.037	5
18	MP2C	Mz	.068	5
19	MP1A	Y	-54.929	2
20	MP1A	My	-.03	2
21	MP1A	Mz	.021	2
22	MP1A	Y	-54.929	4
23	MP1A	My	-.03	4
24	MP1A	Mz	.021	4
25	MP1B	Y	-54.929	2
26	MP1B	My	-.003	2
27	MP1B	Mz	-.036	2
28	MP1B	Y	-54.929	4
29	MP1B	My	-.003	4
30	MP1B	Mz	-.036	4
31	MP1C	Y	-54.929	2
32	MP1C	My	.033	2
33	MP1C	Mz	.015	2
34	MP1C	Y	-54.929	4
35	MP1C	My	.033	4
36	MP1C	Mz	.015	4
37	MP3A	Y	-31.798	4
38	MP3A	My	.013	4
39	MP3A	Mz	-.009	4
40	MP3B	Y	-31.798	4
41	MP3B	My	.001	4
42	MP3B	Mz	.016	4
43	MP3C	Y	-31.798	4
44	MP3C	My	-.014	4
45	MP3C	Mz	-.007	4
46	MP2A	Y	-69.801	2
47	MP2A	My	.029	2
48	MP2A	Mz	-.02	2
49	MP2B	Y	-69.801	2
50	MP2B	My	.003	2
51	MP2B	Mz	.035	2
52	MP2C	Y	-69.801	2
53	MP2C	My	-.032	2
54	MP2C	Mz	-.015	2
55	MP3A	Y	-66.267	2
56	MP3A	My	.027	2
57	MP3A	Mz	-.019	2
58	MP3B	Y	-66.267	2
59	MP3B	My	.003	2
60	MP3B	Mz	.033	2
61	MP3C	Y	-66.267	2
62	MP3C	My	-.03	2
63	MP3C	Mz	-.014	2
64	OVP	Y	-116.42	1
65	OVP	My	-.048	1
66	OVP	Mz	.033	1
67	MP4A	Y	-93.913	1
68	MP4A	My	-.051	1
69	MP4A	Mz	.036	1
70	MP4A	Y	-93.913	5
71	MP4A	My	-.051	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP4A	Mz	.036	5
73	MP4B	Y	-93.913	1
74	MP4B	My	-.005	1
75	MP4B	Mz	-.062	1
76	MP4B	Y	-93.913	5
77	MP4B	My	-.005	5
78	MP4B	Mz	-.062	5
79	MP4C	Y	-93.913	1
80	MP4C	My	.057	1
81	MP4C	Mz	.026	1
82	MP4C	Y	-93.913	5
83	MP4C	My	.057	5
84	MP4C	Mz	.026	5
85	MP2A	Y	-93.083	1
86	MP2A	My	-.024	1
87	MP2A	Mz	.074	1
88	MP2A	Y	-93.083	5
89	MP2A	My	-.024	5
90	MP2A	Mz	.074	5
91	MP2B	Y	-93.083	1
92	MP2B	My	-.052	1
93	MP2B	Mz	-.058	1
94	MP2B	Y	-93.083	5
95	MP2B	My	-.052	5
96	MP2B	Mz	-.058	5
97	MP2C	Y	-93.083	1
98	MP2C	My	-.052	1
99	MP2C	Mz	-.058	1
100	MP2C	Y	-93.083	5
101	MP2C	My	-.052	5
102	MP2C	Mz	-.058	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-110.289	1
3	MP2A	Mx	.003	1
4	MP2A	X	0	5
5	MP2A	Z	-110.289	5
6	MP2A	Mx	.003	5
7	MP2B	X	0	1
8	MP2B	Z	-82.381	1
9	MP2B	Mx	.058	1
10	MP2B	X	0	5
11	MP2B	Z	-82.381	5
12	MP2B	Mx	.058	5
13	MP2C	X	0	1
14	MP2C	Z	-116.615	1
15	MP2C	Mx	-.086	1
16	MP2C	X	0	5
17	MP2C	Z	-116.615	5
18	MP2C	Mx	-.086	5
19	MP1A	X	0	2
20	MP1A	Z	-57.749	2
21	MP1A	Mx	-.022	2
22	MP1A	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1A	Z	-57.749	4
24	MP1A	Mx	-.022	4
25	MP1B	X	0	2
26	MP1B	Z	-28.601	2
27	MP1B	Mx	.019	2
28	MP1B	X	0	4
29	MP1B	Z	-28.601	4
30	MP1B	Mx	.019	4
31	MP1C	X	0	2
32	MP1C	Z	-64.356	2
33	MP1C	Mx	-.018	2
34	MP1C	X	0	4
35	MP1C	Z	-64.356	4
36	MP1C	Mx	-.018	4
37	MP3A	X	0	4
38	MP3A	Z	-25.58	4
39	MP3A	Mx	.007	4
40	MP3B	X	0	4
41	MP3B	Z	-15.451	4
42	MP3B	Mx	-.008	4
43	MP3C	X	0	4
44	MP3C	Z	-27.876	4
45	MP3C	Mx	.006	4
46	MP2A	X	0	2
47	MP2A	Z	-51.036	2
48	MP2A	Mx	.015	2
49	MP2B	X	0	2
50	MP2B	Z	-38.55	2
51	MP2B	Mx	-.019	2
52	MP2C	X	0	2
53	MP2C	Z	-53.866	2
54	MP2C	Mx	.011	2
55	MP3A	X	0	2
56	MP3A	Z	-49.79	2
57	MP3A	Mx	.014	2
58	MP3B	X	0	2
59	MP3B	Z	-34.791	2
60	MP3B	Mx	-.017	2
61	MP3C	X	0	2
62	MP3C	Z	-53.19	2
63	MP3C	Mx	.011	2
64	OVP	X	0	1
65	OVP	Z	-103.085	1
66	OVP	Mx	-.03	1
67	MP4A	X	0	1
68	MP4A	Z	-111.539	1
69	MP4A	Mx	-.043	1
70	MP4A	X	0	5
71	MP4A	Z	-111.539	5
72	MP4A	Mx	-.043	5
73	MP4B	X	0	1
74	MP4B	Z	-83.362	1
75	MP4B	Mx	.055	1
76	MP4B	X	0	5
77	MP4B	Z	-83.362	5
78	MP4B	Mx	.055	5
79	MP4C	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4C	Z	-117.926	1
81	MP4C	Mx	-.033	1
82	MP4C	X	0	5
83	MP4C	Z	-117.926	5
84	MP4C	Mx	-.033	5
85	MP2A	X	0	1
86	MP2A	Z	-109.979	1
87	MP2A	Mx	-.087	1
88	MP2A	X	0	5
89	MP2A	Z	-109.979	5
90	MP2A	Mx	-.087	5
91	MP2B	X	0	1
92	MP2B	Z	-82.377	1
93	MP2B	Mx	.051	1
94	MP2B	X	0	5
95	MP2B	Z	-82.377	5
96	MP2B	Mx	.051	5
97	MP2C	X	0	1
98	MP2C	Z	-82.377	1
99	MP2C	Mx	.051	1
100	MP2C	X	0	5
101	MP2C	Z	-82.377	5
102	MP2C	Mx	.051	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	44.787	1
2	MP2A	Z	-77.574	1
3	MP2A	Mx	-.035	1
4	MP2A	X	44.787	5
5	MP2A	Z	-77.574	5
6	MP2A	Mx	-.035	5
7	MP2B	X	47.95	1
8	MP2B	Z	-83.053	1
9	MP2B	Mx	.08	1
10	MP2B	X	47.95	5
11	MP2B	Z	-83.053	5
12	MP2B	Mx	.08	5
13	MP2C	X	61.904	1
14	MP2C	Z	-107.222	1
15	MP2C	Mx	-.054	1
16	MP2C	X	61.904	5
17	MP2C	Z	-107.222	5
18	MP2C	Mx	-.054	5
19	MP1A	X	18.057	2
20	MP1A	Z	-31.276	2
21	MP1A	Mx	-.022	2
22	MP1A	X	18.057	4
23	MP1A	Z	-31.276	4
24	MP1A	Mx	-.022	4
25	MP1B	X	21.361	2
26	MP1B	Z	-36.998	2
27	MP1B	Mx	.023	2
28	MP1B	X	21.361	4
29	MP1B	Z	-36.998	4
30	MP1B	Mx	.023	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP1C	X	35.935	2
32	MP1C	Z	-62.241	2
33	MP1C	Mx	.004	2
34	MP1C	X	35.935	4
35	MP1C	Z	-62.241	4
36	MP1C	Mx	.004	4
37	MP3A	X	9.031	4
38	MP3A	Z	-15.642	4
39	MP3A	Mx	.008	4
40	MP3B	X	10.179	4
41	MP3B	Z	-17.63	4
42	MP3B	Mx	-.008	4
43	MP3C	X	15.243	4
44	MP3C	Z	-26.402	4
45	MP3C	Mx	-.001	4
46	MP2A	X	20.884	2
47	MP2A	Z	-36.172	2
48	MP2A	Mx	.019	2
49	MP2B	X	22.299	2
50	MP2B	Z	-38.623	2
51	MP2B	Mx	-.018	2
52	MP2C	X	28.542	2
53	MP2C	Z	-49.437	2
54	MP2C	Mx	-.002	2
55	MP3A	X	19.329	2
56	MP3A	Z	-33.478	2
57	MP3A	Mx	.018	2
58	MP3B	X	21.029	2
59	MP3B	Z	-36.423	2
60	MP3B	Mx	-.017	2
61	MP3C	X	28.528	2
62	MP3C	Z	-49.412	2
63	MP3C	Mx	-.002	2
64	OVP	X	41.888	1
65	OVP	Z	-72.553	1
66	OVP	Mx	-.038	1
67	MP4A	X	45.313	1
68	MP4A	Z	-78.484	1
69	MP4A	Mx	-.055	1
70	MP4A	X	45.313	5
71	MP4A	Z	-78.484	5
72	MP4A	Mx	-.055	5
73	MP4B	X	48.506	1
74	MP4B	Z	-84.015	1
75	MP4B	Mx	.053	1
76	MP4B	X	48.506	5
77	MP4B	Z	-84.015	5
78	MP4B	Mx	.053	5
79	MP4C	X	62.594	1
80	MP4C	Z	-108.416	1
81	MP4C	Mx	.007	1
82	MP4C	X	62.594	5
83	MP4C	Z	-108.416	5
84	MP4C	Mx	.007	5
85	MP2A	X	44.746	1
86	MP2A	Z	-77.503	1
87	MP2A	Mx	-.073	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2A	X	44.746	5
89	MP2A	Z	-77.503	5
90	MP2A	Mx	-.073	5
91	MP2B	X	47.875	1
92	MP2B	Z	-82.921	1
93	MP2B	Mx	.025	1
94	MP2B	X	47.875	5
95	MP2B	Z	-82.921	5
96	MP2B	Mx	.025	5
97	MP2C	X	47.875	1
98	MP2C	Z	-82.921	1
99	MP2C	Mx	.025	1
100	MP2C	X	47.875	5
101	MP2C	Z	-82.921	5
102	MP2C	Mx	.025	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	71.344	1
2	MP2A	Z	-41.19	1
3	MP2A	Mx	-.058	1
4	MP2A	X	71.344	5
5	MP2A	Z	-41.19	5
6	MP2A	Mx	-.058	5
7	MP2B	X	100.992	1
8	MP2B	Z	-58.308	1
9	MP2B	Mx	.086	1
10	MP2B	X	100.992	5
11	MP2B	Z	-58.308	5
12	MP2B	Mx	.086	5
13	MP2C	X	95.513	1
14	MP2C	Z	-55.144	1
15	MP2C	Mx	-.003	1
16	MP2C	X	95.513	5
17	MP2C	Z	-55.144	5
18	MP2C	Mx	-.003	5
19	MP1A	X	24.769	2
20	MP1A	Z	-14.301	2
21	MP1A	Mx	-.019	2
22	MP1A	X	24.769	4
23	MP1A	Z	-14.301	4
24	MP1A	Mx	-.019	4
25	MP1B	X	55.734	2
26	MP1B	Z	-32.178	2
27	MP1B	Mx	.018	2
28	MP1B	X	55.734	4
29	MP1B	Z	-32.178	4
30	MP1B	Mx	.018	4
31	MP1C	X	50.012	2
32	MP1C	Z	-28.874	2
33	MP1C	Mx	.022	2
34	MP1C	X	50.012	4
35	MP1C	Z	-28.874	4
36	MP1C	Mx	.022	4
37	MP3A	X	13.381	4
38	MP3A	Z	-7.725	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	.008	4
40	MP3B	X	24.141	4
41	MP3B	Z	-13.938	4
42	MP3B	Mx	-.006	4
43	MP3C	X	22.153	4
44	MP3C	Z	-12.79	4
45	MP3C	Mx	-.007	4
46	MP2A	X	33.385	2
47	MP2A	Z	-19.275	2
48	MP2A	Mx	.019	2
49	MP2B	X	46.649	2
50	MP2B	Z	-26.933	2
51	MP2B	Mx	-.011	2
52	MP2C	X	44.198	2
53	MP2C	Z	-25.518	2
54	MP2C	Mx	-.015	2
55	MP3A	X	30.13	2
56	MP3A	Z	-17.396	2
57	MP3A	Mx	.017	2
58	MP3B	X	46.063	2
59	MP3B	Z	-26.595	2
60	MP3B	Mx	-.011	2
61	MP3C	X	43.119	2
62	MP3C	Z	-24.895	2
63	MP3C	Mx	-.014	2
64	OVP	X	66.745	1
65	OVP	Z	-38.535	1
66	OVP	Mx	-.038	1
67	MP4A	X	72.194	1
68	MP4A	Z	-41.681	1
69	MP4A	Mx	-.055	1
70	MP4A	X	72.194	5
71	MP4A	Z	-41.681	5
72	MP4A	Mx	-.055	5
73	MP4B	X	102.126	1
74	MP4B	Z	-58.963	1
75	MP4B	Mx	.033	1
76	MP4B	X	102.126	5
77	MP4B	Z	-58.963	5
78	MP4B	Mx	.033	5
79	MP4C	X	96.595	1
80	MP4C	Z	-55.769	1
81	MP4C	Mx	.043	1
82	MP4C	X	96.595	5
83	MP4C	Z	-55.769	5
84	MP4C	Mx	.043	5
85	MP2A	X	71.341	1
86	MP2A	Z	-41.189	1
87	MP2A	Mx	-.051	1
88	MP2A	X	71.341	5
89	MP2A	Z	-41.189	5
90	MP2A	Mx	-.051	5
91	MP2B	X	100.664	1
92	MP2B	Z	-58.118	1
93	MP2B	Mx	-.02	1
94	MP2B	X	100.664	5
95	MP2B	Z	-58.118	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP2B	Mx	-.02	5
97	MP2C	X	100.664	1
98	MP2C	Z	-58.118	1
99	MP2C	Mx	-.02	1
100	MP2C	X	100.664	5
101	MP2C	Z	-58.118	5
102	MP2C	Mx	-.02	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	95.901	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.08	1
4	MP2A	X	95.901	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.08	5
7	MP2B	X	123.809	1
8	MP2B	Z	0	1
9	MP2B	Mx	.054	1
10	MP2B	X	123.809	5
11	MP2B	Z	0	5
12	MP2B	Mx	.054	5
13	MP2C	X	89.575	1
14	MP2C	Z	0	1
15	MP2C	Mx	.035	1
16	MP2C	X	89.575	5
17	MP2C	Z	0	5
18	MP2C	Mx	.035	5
19	MP1A	X	42.722	2
20	MP1A	Z	0	2
21	MP1A	Mx	-.023	2
22	MP1A	X	42.722	4
23	MP1A	Z	0	4
24	MP1A	Mx	-.023	4
25	MP1B	X	71.87	2
26	MP1B	Z	0	2
27	MP1B	Mx	-.004	2
28	MP1B	X	71.87	4
29	MP1B	Z	0	4
30	MP1B	Mx	-.004	4
31	MP1C	X	36.115	2
32	MP1C	Z	0	2
33	MP1C	Mx	.022	2
34	MP1C	X	36.115	4
35	MP1C	Z	0	4
36	MP1C	Mx	.022	4
37	MP3A	X	20.358	4
38	MP3A	Z	0	4
39	MP3A	Mx	.008	4
40	MP3B	X	30.487	4
41	MP3B	Z	0	4
42	MP3B	Mx	.001	4
43	MP3C	X	18.062	4
44	MP3C	Z	0	4
45	MP3C	Mx	-.008	4
46	MP2A	X	44.599	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2A	Z	0	2
48	MP2A	Mx	.018	2
49	MP2B	X	57.084	2
50	MP2B	Z	0	2
51	MP2B	Mx	.002	2
52	MP2C	X	41.768	2
53	MP2C	Z	0	2
54	MP2C	Mx	-.019	2
55	MP3A	X	42.057	2
56	MP3A	Z	0	2
57	MP3A	Mx	.017	2
58	MP3B	X	57.056	2
59	MP3B	Z	0	2
60	MP3B	Mx	.002	2
61	MP3C	X	38.657	2
62	MP3C	Z	0	2
63	MP3C	Mx	-.018	2
64	OVP	X	89.673	1
65	OVP	Z	0	1
66	OVP	Mx	-.037	1
67	MP4A	X	97.012	1
68	MP4A	Z	0	1
69	MP4A	Mx	-.053	1
70	MP4A	X	97.012	5
71	MP4A	Z	0	5
72	MP4A	Mx	-.053	5
73	MP4B	X	125.189	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.007	1
76	MP4B	X	125.189	5
77	MP4B	Z	0	5
78	MP4B	Mx	-.007	5
79	MP4C	X	90.625	1
80	MP4C	Z	0	1
81	MP4C	Mx	.055	1
82	MP4C	X	90.625	5
83	MP4C	Z	0	5
84	MP4C	Mx	.055	5
85	MP2A	X	95.749	1
86	MP2A	Z	0	1
87	MP2A	Mx	-.025	1
88	MP2A	X	95.749	5
89	MP2A	Z	0	5
90	MP2A	Mx	-.025	5
91	MP2B	X	123.352	1
92	MP2B	Z	0	1
93	MP2B	Mx	-.069	1
94	MP2B	X	123.352	5
95	MP2B	Z	0	5
96	MP2B	Mx	-.069	5
97	MP2C	X	123.352	1
98	MP2C	Z	0	1
99	MP2C	Mx	-.069	1
100	MP2C	X	123.352	5
101	MP2C	Z	0	5
102	MP2C	Mx	-.069	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	100.992	1
2	MP2A	Z	58.308	1
3	MP2A	Mx	-.086	1
4	MP2A	X	100.992	5
5	MP2A	Z	58.308	5
6	MP2A	Mx	-.086	5
7	MP2B	X	95.513	1
8	MP2B	Z	55.144	1
9	MP2B	Mx	.003	1
10	MP2B	X	95.513	5
11	MP2B	Z	55.144	5
12	MP2B	Mx	.003	5
13	MP2C	X	71.344	1
14	MP2C	Z	41.19	1
15	MP2C	Mx	.058	1
16	MP2C	X	71.344	5
17	MP2C	Z	41.19	5
18	MP2C	Mx	.058	5
19	MP1A	X	55.734	2
20	MP1A	Z	32.178	2
21	MP1A	Mx	-.018	2
22	MP1A	X	55.734	4
23	MP1A	Z	32.178	4
24	MP1A	Mx	-.018	4
25	MP1B	X	50.012	2
26	MP1B	Z	28.874	2
27	MP1B	Mx	-.022	2
28	MP1B	X	50.012	4
29	MP1B	Z	28.874	4
30	MP1B	Mx	-.022	4
31	MP1C	X	24.769	2
32	MP1C	Z	14.301	2
33	MP1C	Mx	.019	2
34	MP1C	X	24.769	4
35	MP1C	Z	14.301	4
36	MP1C	Mx	.019	4
37	MP3A	X	24.141	4
38	MP3A	Z	13.938	4
39	MP3A	Mx	.006	4
40	MP3B	X	22.153	4
41	MP3B	Z	12.79	4
42	MP3B	Mx	.007	4
43	MP3C	X	13.381	4
44	MP3C	Z	7.725	4
45	MP3C	Mx	-.008	4
46	MP2A	X	46.649	2
47	MP2A	Z	26.933	2
48	MP2A	Mx	.011	2
49	MP2B	X	44.198	2
50	MP2B	Z	25.518	2
51	MP2B	Mx	.015	2
52	MP2C	X	33.385	2
53	MP2C	Z	19.275	2
54	MP2C	Mx	-.019	2
55	MP3A	X	46.063	2
56	MP3A	Z	26.595	2
57	MP3A	Mx	.011	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	43.119	2
59	MP3B	Z	24.895	2
60	MP3B	Mx	.014	2
61	MP3C	X	30.13	2
62	MP3C	Z	17.396	2
63	MP3C	Mx	-.017	2
64	OVP	X	94.381	1
65	OVP	Z	54.491	1
66	OVP	Mx	-.023	1
67	MP4A	X	102.126	1
68	MP4A	Z	58.963	1
69	MP4A	Mx	-.033	1
70	MP4A	X	102.126	5
71	MP4A	Z	58.963	5
72	MP4A	Mx	-.033	5
73	MP4B	X	96.595	1
74	MP4B	Z	55.769	1
75	MP4B	Mx	-.043	1
76	MP4B	X	96.595	5
77	MP4B	Z	55.769	5
78	MP4B	Mx	-.043	5
79	MP4C	X	72.194	1
80	MP4C	Z	41.681	1
81	MP4C	Mx	.055	1
82	MP4C	X	72.194	5
83	MP4C	Z	41.681	5
84	MP4C	Mx	.055	5
85	MP2A	X	100.664	1
86	MP2A	Z	58.118	1
87	MP2A	Mx	.02	1
88	MP2A	X	100.664	5
89	MP2A	Z	58.118	5
90	MP2A	Mx	.02	5
91	MP2B	X	95.245	1
92	MP2B	Z	54.99	1
93	MP2B	Mx	-.087	1
94	MP2B	X	95.245	5
95	MP2B	Z	54.99	5
96	MP2B	Mx	-.087	5
97	MP2C	X	95.245	1
98	MP2C	Z	54.99	1
99	MP2C	Mx	-.087	1
100	MP2C	X	95.245	5
101	MP2C	Z	54.99	5
102	MP2C	Mx	-.087	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	61.904	1
2	MP2A	Z	107.222	1
3	MP2A	Mx	-.054	1
4	MP2A	X	61.904	5
5	MP2A	Z	107.222	5
6	MP2A	Mx	-.054	5
7	MP2B	X	44.787	1
8	MP2B	Z	77.574	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.035	1
10	MP2B	X	44.787	5
11	MP2B	Z	77.574	5
12	MP2B	Mx	-.035	5
13	MP2C	X	47.95	1
14	MP2C	Z	83.053	1
15	MP2C	Mx	.08	1
16	MP2C	X	47.95	5
17	MP2C	Z	83.053	5
18	MP2C	Mx	.08	5
19	MP1A	X	35.935	2
20	MP1A	Z	62.241	2
21	MP1A	Mx	.004	2
22	MP1A	X	35.935	4
23	MP1A	Z	62.241	4
24	MP1A	Mx	.004	4
25	MP1B	X	18.057	2
26	MP1B	Z	31.276	2
27	MP1B	Mx	-.022	2
28	MP1B	X	18.057	4
29	MP1B	Z	31.276	4
30	MP1B	Mx	-.022	4
31	MP1C	X	21.361	2
32	MP1C	Z	36.998	2
33	MP1C	Mx	.023	2
34	MP1C	X	21.361	4
35	MP1C	Z	36.998	4
36	MP1C	Mx	.023	4
37	MP3A	X	15.243	4
38	MP3A	Z	26.402	4
39	MP3A	Mx	-.001	4
40	MP3B	X	9.031	4
41	MP3B	Z	15.642	4
42	MP3B	Mx	.008	4
43	MP3C	X	10.179	4
44	MP3C	Z	17.63	4
45	MP3C	Mx	-.008	4
46	MP2A	X	28.542	2
47	MP2A	Z	49.437	2
48	MP2A	Mx	-.002	2
49	MP2B	X	20.884	2
50	MP2B	Z	36.172	2
51	MP2B	Mx	.019	2
52	MP2C	X	22.299	2
53	MP2C	Z	38.623	2
54	MP2C	Mx	-.018	2
55	MP3A	X	28.528	2
56	MP3A	Z	49.412	2
57	MP3A	Mx	-.002	2
58	MP3B	X	19.329	2
59	MP3B	Z	33.478	2
60	MP3B	Mx	.018	2
61	MP3C	X	21.029	2
62	MP3C	Z	36.423	2
63	MP3C	Mx	-.017	2
64	OVP	X	57.844	1
65	OVP	Z	100.188	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	OVP	Mx	.005	1
67	MP4A	X	62.594	1
68	MP4A	Z	108.416	1
69	MP4A	Mx	.007	1
70	MP4A	X	62.594	5
71	MP4A	Z	108.416	5
72	MP4A	Mx	.007	5
73	MP4B	X	45.313	1
74	MP4B	Z	78.484	1
75	MP4B	Mx	-.055	1
76	MP4B	X	45.313	5
77	MP4B	Z	78.484	5
78	MP4B	Mx	-.055	5
79	MP4C	X	48.506	1
80	MP4C	Z	84.015	1
81	MP4C	Mx	.053	1
82	MP4C	X	48.506	5
83	MP4C	Z	84.015	5
84	MP4C	Mx	.053	5
85	MP2A	X	61.676	1
86	MP2A	Z	106.826	1
87	MP2A	Mx	.069	1
88	MP2A	X	61.676	5
89	MP2A	Z	106.826	5
90	MP2A	Mx	.069	5
91	MP2B	X	44.746	1
92	MP2B	Z	77.503	1
93	MP2B	Mx	-.073	1
94	MP2B	X	44.746	5
95	MP2B	Z	77.503	5
96	MP2B	Mx	-.073	5
97	MP2C	X	44.746	1
98	MP2C	Z	77.503	1
99	MP2C	Mx	-.073	1
100	MP2C	X	44.746	5
101	MP2C	Z	77.503	5
102	MP2C	Mx	-.073	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	110.289	1
3	MP2A	Mx	-.003	1
4	MP2A	X	0	5
5	MP2A	Z	110.289	5
6	MP2A	Mx	-.003	5
7	MP2B	X	0	1
8	MP2B	Z	82.381	1
9	MP2B	Mx	-.058	1
10	MP2B	X	0	5
11	MP2B	Z	82.381	5
12	MP2B	Mx	-.058	5
13	MP2C	X	0	1
14	MP2C	Z	116.615	1
15	MP2C	Mx	.086	1
16	MP2C	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	116.615	5
18	MP2C	Mx	.086	5
19	MP1A	X	0	2
20	MP1A	Z	57.749	2
21	MP1A	Mx	.022	2
22	MP1A	X	0	4
23	MP1A	Z	57.749	4
24	MP1A	Mx	.022	4
25	MP1B	X	0	2
26	MP1B	Z	28.601	2
27	MP1B	Mx	-.019	2
28	MP1B	X	0	4
29	MP1B	Z	28.601	4
30	MP1B	Mx	-.019	4
31	MP1C	X	0	2
32	MP1C	Z	64.356	2
33	MP1C	Mx	.018	2
34	MP1C	X	0	4
35	MP1C	Z	64.356	4
36	MP1C	Mx	.018	4
37	MP3A	X	0	4
38	MP3A	Z	25.58	4
39	MP3A	Mx	-.007	4
40	MP3B	X	0	4
41	MP3B	Z	15.451	4
42	MP3B	Mx	.008	4
43	MP3C	X	0	4
44	MP3C	Z	27.876	4
45	MP3C	Mx	-.006	4
46	MP2A	X	0	2
47	MP2A	Z	51.036	2
48	MP2A	Mx	-.015	2
49	MP2B	X	0	2
50	MP2B	Z	38.55	2
51	MP2B	Mx	.019	2
52	MP2C	X	0	2
53	MP2C	Z	53.866	2
54	MP2C	Mx	-.011	2
55	MP3A	X	0	2
56	MP3A	Z	49.79	2
57	MP3A	Mx	-.014	2
58	MP3B	X	0	2
59	MP3B	Z	34.791	2
60	MP3B	Mx	.017	2
61	MP3C	X	0	2
62	MP3C	Z	53.19	2
63	MP3C	Mx	-.011	2
64	OVP	X	0	1
65	OVP	Z	103.085	1
66	OVP	Mx	.03	1
67	MP4A	X	0	1
68	MP4A	Z	111.539	1
69	MP4A	Mx	.043	1
70	MP4A	X	0	5
71	MP4A	Z	111.539	5
72	MP4A	Mx	.043	5
73	MP4B	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	83.362	1
75	MP4B	Mx	-.055	1
76	MP4B	X	0	5
77	MP4B	Z	83.362	5
78	MP4B	Mx	-.055	5
79	MP4C	X	0	1
80	MP4C	Z	117.926	1
81	MP4C	Mx	.033	1
82	MP4C	X	0	5
83	MP4C	Z	117.926	5
84	MP4C	Mx	.033	5
85	MP2A	X	0	1
86	MP2A	Z	109.979	1
87	MP2A	Mx	.087	1
88	MP2A	X	0	5
89	MP2A	Z	109.979	5
90	MP2A	Mx	.087	5
91	MP2B	X	0	1
92	MP2B	Z	82.377	1
93	MP2B	Mx	-.051	1
94	MP2B	X	0	5
95	MP2B	Z	82.377	5
96	MP2B	Mx	-.051	5
97	MP2C	X	0	1
98	MP2C	Z	82.377	1
99	MP2C	Mx	-.051	1
100	MP2C	X	0	5
101	MP2C	Z	82.377	5
102	MP2C	Mx	-.051	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-44.787	1
2	MP2A	Z	77.574	1
3	MP2A	Mx	.035	1
4	MP2A	X	-44.787	5
5	MP2A	Z	77.574	5
6	MP2A	Mx	.035	5
7	MP2B	X	-47.95	1
8	MP2B	Z	83.053	1
9	MP2B	Mx	-.08	1
10	MP2B	X	-47.95	5
11	MP2B	Z	83.053	5
12	MP2B	Mx	-.08	5
13	MP2C	X	-61.904	1
14	MP2C	Z	107.222	1
15	MP2C	Mx	.054	1
16	MP2C	X	-61.904	5
17	MP2C	Z	107.222	5
18	MP2C	Mx	.054	5
19	MP1A	X	-18.057	2
20	MP1A	Z	31.276	2
21	MP1A	Mx	.022	2
22	MP1A	X	-18.057	4
23	MP1A	Z	31.276	4
24	MP1A	Mx	.022	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	-21.361	2
26	MP1B	Z	36.998	2
27	MP1B	Mx	-.023	2
28	MP1B	X	-21.361	4
29	MP1B	Z	36.998	4
30	MP1B	Mx	-.023	4
31	MP1C	X	-35.935	2
32	MP1C	Z	62.241	2
33	MP1C	Mx	-.004	2
34	MP1C	X	-35.935	4
35	MP1C	Z	62.241	4
36	MP1C	Mx	-.004	4
37	MP3A	X	-9.031	4
38	MP3A	Z	15.642	4
39	MP3A	Mx	-.008	4
40	MP3B	X	-10.179	4
41	MP3B	Z	17.63	4
42	MP3B	Mx	.008	4
43	MP3C	X	-15.243	4
44	MP3C	Z	26.402	4
45	MP3C	Mx	.001	4
46	MP2A	X	-20.884	2
47	MP2A	Z	36.172	2
48	MP2A	Mx	-.019	2
49	MP2B	X	-22.299	2
50	MP2B	Z	38.623	2
51	MP2B	Mx	.018	2
52	MP2C	X	-28.542	2
53	MP2C	Z	49.437	2
54	MP2C	Mx	.002	2
55	MP3A	X	-19.329	2
56	MP3A	Z	33.478	2
57	MP3A	Mx	-.018	2
58	MP3B	X	-21.029	2
59	MP3B	Z	36.423	2
60	MP3B	Mx	.017	2
61	MP3C	X	-28.528	2
62	MP3C	Z	49.412	2
63	MP3C	Mx	.002	2
64	OVP	X	-41.888	1
65	OVP	Z	72.553	1
66	OVP	Mx	.038	1
67	MP4A	X	-45.313	1
68	MP4A	Z	78.484	1
69	MP4A	Mx	.055	1
70	MP4A	X	-45.313	5
71	MP4A	Z	78.484	5
72	MP4A	Mx	.055	5
73	MP4B	X	-48.506	1
74	MP4B	Z	84.015	1
75	MP4B	Mx	-.053	1
76	MP4B	X	-48.506	5
77	MP4B	Z	84.015	5
78	MP4B	Mx	-.053	5
79	MP4C	X	-62.594	1
80	MP4C	Z	108.416	1
81	MP4C	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	-62.594	5
83	MP4C	Z	108.416	5
84	MP4C	Mx	-.007	5
85	MP2A	X	-44.746	1
86	MP2A	Z	77.503	1
87	MP2A	Mx	.073	1
88	MP2A	X	-44.746	5
89	MP2A	Z	77.503	5
90	MP2A	Mx	.073	5
91	MP2B	X	-47.875	1
92	MP2B	Z	82.921	1
93	MP2B	Mx	-.025	1
94	MP2B	X	-47.875	5
95	MP2B	Z	82.921	5
96	MP2B	Mx	-.025	5
97	MP2C	X	-47.875	1
98	MP2C	Z	82.921	1
99	MP2C	Mx	-.025	1
100	MP2C	X	-47.875	5
101	MP2C	Z	82.921	5
102	MP2C	Mx	-.025	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-71.344	1
2	MP2A	Z	41.19	1
3	MP2A	Mx	.058	1
4	MP2A	X	-71.344	5
5	MP2A	Z	41.19	5
6	MP2A	Mx	.058	5
7	MP2B	X	-100.992	1
8	MP2B	Z	58.308	1
9	MP2B	Mx	-.086	1
10	MP2B	X	-100.992	5
11	MP2B	Z	58.308	5
12	MP2B	Mx	-.086	5
13	MP2C	X	-95.513	1
14	MP2C	Z	55.144	1
15	MP2C	Mx	.003	1
16	MP2C	X	-95.513	5
17	MP2C	Z	55.144	5
18	MP2C	Mx	.003	5
19	MP1A	X	-24.769	2
20	MP1A	Z	14.301	2
21	MP1A	Mx	.019	2
22	MP1A	X	-24.769	4
23	MP1A	Z	14.301	4
24	MP1A	Mx	.019	4
25	MP1B	X	-55.734	2
26	MP1B	Z	32.178	2
27	MP1B	Mx	-.018	2
28	MP1B	X	-55.734	4
29	MP1B	Z	32.178	4
30	MP1B	Mx	-.018	4
31	MP1C	X	-50.012	2
32	MP1C	Z	28.874	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	-.022	2
34	MP1C	X	-50.012	4
35	MP1C	Z	28.874	4
36	MP1C	Mx	-.022	4
37	MP3A	X	-13.381	4
38	MP3A	Z	7.725	4
39	MP3A	Mx	-.008	4
40	MP3B	X	-24.141	4
41	MP3B	Z	13.938	4
42	MP3B	Mx	.006	4
43	MP3C	X	-22.153	4
44	MP3C	Z	12.79	4
45	MP3C	Mx	.007	4
46	MP2A	X	-33.385	2
47	MP2A	Z	19.275	2
48	MP2A	Mx	-.019	2
49	MP2B	X	-46.649	2
50	MP2B	Z	26.933	2
51	MP2B	Mx	.011	2
52	MP2C	X	-44.198	2
53	MP2C	Z	25.518	2
54	MP2C	Mx	.015	2
55	MP3A	X	-30.13	2
56	MP3A	Z	17.396	2
57	MP3A	Mx	-.017	2
58	MP3B	X	-46.063	2
59	MP3B	Z	26.595	2
60	MP3B	Mx	.011	2
61	MP3C	X	-43.119	2
62	MP3C	Z	24.895	2
63	MP3C	Mx	.014	2
64	OVP	X	-66.745	1
65	OVP	Z	38.535	1
66	OVP	Mx	.038	1
67	MP4A	X	-72.194	1
68	MP4A	Z	41.681	1
69	MP4A	Mx	.055	1
70	MP4A	X	-72.194	5
71	MP4A	Z	41.681	5
72	MP4A	Mx	.055	5
73	MP4B	X	-102.126	1
74	MP4B	Z	58.963	1
75	MP4B	Mx	-.033	1
76	MP4B	X	-102.126	5
77	MP4B	Z	58.963	5
78	MP4B	Mx	-.033	5
79	MP4C	X	-96.595	1
80	MP4C	Z	55.769	1
81	MP4C	Mx	-.043	1
82	MP4C	X	-96.595	5
83	MP4C	Z	55.769	5
84	MP4C	Mx	-.043	5
85	MP2A	X	-71.341	1
86	MP2A	Z	41.189	1
87	MP2A	Mx	.051	1
88	MP2A	X	-71.341	5
89	MP2A	Z	41.189	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP2A	Mx	.051	5
91	MP2B	X	-100.664	1
92	MP2B	Z	58.118	1
93	MP2B	Mx	.02	1
94	MP2B	X	-100.664	5
95	MP2B	Z	58.118	5
96	MP2B	Mx	.02	5
97	MP2C	X	-100.664	1
98	MP2C	Z	58.118	1
99	MP2C	Mx	.02	1
100	MP2C	X	-100.664	5
101	MP2C	Z	58.118	5
102	MP2C	Mx	.02	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-95.901	1
2	MP2A	Z	0	1
3	MP2A	Mx	.08	1
4	MP2A	X	-95.901	5
5	MP2A	Z	0	5
6	MP2A	Mx	.08	5
7	MP2B	X	-123.809	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.054	1
10	MP2B	X	-123.809	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.054	5
13	MP2C	X	-89.575	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.035	1
16	MP2C	X	-89.575	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.035	5
19	MP1A	X	-42.722	2
20	MP1A	Z	0	2
21	MP1A	Mx	.023	2
22	MP1A	X	-42.722	4
23	MP1A	Z	0	4
24	MP1A	Mx	.023	4
25	MP1B	X	-71.87	2
26	MP1B	Z	0	2
27	MP1B	Mx	.004	2
28	MP1B	X	-71.87	4
29	MP1B	Z	0	4
30	MP1B	Mx	.004	4
31	MP1C	X	-36.115	2
32	MP1C	Z	0	2
33	MP1C	Mx	-.022	2
34	MP1C	X	-36.115	4
35	MP1C	Z	0	4
36	MP1C	Mx	-.022	4
37	MP3A	X	-20.358	4
38	MP3A	Z	0	4
39	MP3A	Mx	-.008	4
40	MP3B	X	-30.487	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	0	4
42	MP3B	Mx	-.001	4
43	MP3C	X	-18.062	4
44	MP3C	Z	0	4
45	MP3C	Mx	.008	4
46	MP2A	X	-44.599	2
47	MP2A	Z	0	2
48	MP2A	Mx	-.018	2
49	MP2B	X	-57.084	2
50	MP2B	Z	0	2
51	MP2B	Mx	-.002	2
52	MP2C	X	-41.768	2
53	MP2C	Z	0	2
54	MP2C	Mx	.019	2
55	MP3A	X	-42.057	2
56	MP3A	Z	0	2
57	MP3A	Mx	-.017	2
58	MP3B	X	-57.056	2
59	MP3B	Z	0	2
60	MP3B	Mx	-.002	2
61	MP3C	X	-38.657	2
62	MP3C	Z	0	2
63	MP3C	Mx	.018	2
64	OVP	X	-89.673	1
65	OVP	Z	0	1
66	OVP	Mx	.037	1
67	MP4A	X	-97.012	1
68	MP4A	Z	0	1
69	MP4A	Mx	.053	1
70	MP4A	X	-97.012	5
71	MP4A	Z	0	5
72	MP4A	Mx	.053	5
73	MP4B	X	-125.189	1
74	MP4B	Z	0	1
75	MP4B	Mx	.007	1
76	MP4B	X	-125.189	5
77	MP4B	Z	0	5
78	MP4B	Mx	.007	5
79	MP4C	X	-90.625	1
80	MP4C	Z	0	1
81	MP4C	Mx	-.055	1
82	MP4C	X	-90.625	5
83	MP4C	Z	0	5
84	MP4C	Mx	-.055	5
85	MP2A	X	-95.749	1
86	MP2A	Z	0	1
87	MP2A	Mx	.025	1
88	MP2A	X	-95.749	5
89	MP2A	Z	0	5
90	MP2A	Mx	.025	5
91	MP2B	X	-123.352	1
92	MP2B	Z	0	1
93	MP2B	Mx	.069	1
94	MP2B	X	-123.352	5
95	MP2B	Z	0	5
96	MP2B	Mx	.069	5
97	MP2C	X	-123.352	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	0	1
99	MP2C	Mx	.069	1
100	MP2C	X	-123.352	5
101	MP2C	Z	0	5
102	MP2C	Mx	.069	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-100.992	1
2	MP2A	Z	-58.308	1
3	MP2A	Mx	.086	1
4	MP2A	X	-100.992	5
5	MP2A	Z	-58.308	5
6	MP2A	Mx	.086	5
7	MP2B	X	-95.513	1
8	MP2B	Z	-55.144	1
9	MP2B	Mx	-.003	1
10	MP2B	X	-95.513	5
11	MP2B	Z	-55.144	5
12	MP2B	Mx	-.003	5
13	MP2C	X	-71.344	1
14	MP2C	Z	-41.19	1
15	MP2C	Mx	-.058	1
16	MP2C	X	-71.344	5
17	MP2C	Z	-41.19	5
18	MP2C	Mx	-.058	5
19	MP1A	X	-55.734	2
20	MP1A	Z	-32.178	2
21	MP1A	Mx	.018	2
22	MP1A	X	-55.734	4
23	MP1A	Z	-32.178	4
24	MP1A	Mx	.018	4
25	MP1B	X	-50.012	2
26	MP1B	Z	-28.874	2
27	MP1B	Mx	.022	2
28	MP1B	X	-50.012	4
29	MP1B	Z	-28.874	4
30	MP1B	Mx	.022	4
31	MP1C	X	-24.769	2
32	MP1C	Z	-14.301	2
33	MP1C	Mx	-.019	2
34	MP1C	X	-24.769	4
35	MP1C	Z	-14.301	4
36	MP1C	Mx	-.019	4
37	MP3A	X	-24.141	4
38	MP3A	Z	-13.938	4
39	MP3A	Mx	-.006	4
40	MP3B	X	-22.153	4
41	MP3B	Z	-12.79	4
42	MP3B	Mx	-.007	4
43	MP3C	X	-13.381	4
44	MP3C	Z	-7.725	4
45	MP3C	Mx	.008	4
46	MP2A	X	-46.649	2
47	MP2A	Z	-26.933	2
48	MP2A	Mx	-.011	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2B	X	-44.198	2
50	MP2B	Z	-25.518	2
51	MP2B	Mx	-.015	2
52	MP2C	X	-33.385	2
53	MP2C	Z	-19.275	2
54	MP2C	Mx	.019	2
55	MP3A	X	-46.063	2
56	MP3A	Z	-26.595	2
57	MP3A	Mx	-.011	2
58	MP3B	X	-43.119	2
59	MP3B	Z	-24.895	2
60	MP3B	Mx	-.014	2
61	MP3C	X	-30.13	2
62	MP3C	Z	-17.396	2
63	MP3C	Mx	.017	2
64	OVP	X	-94.381	1
65	OVP	Z	-54.491	1
66	OVP	Mx	.023	1
67	MP4A	X	-102.126	1
68	MP4A	Z	-58.963	1
69	MP4A	Mx	.033	1
70	MP4A	X	-102.126	5
71	MP4A	Z	-58.963	5
72	MP4A	Mx	.033	5
73	MP4B	X	-96.595	1
74	MP4B	Z	-55.769	1
75	MP4B	Mx	.043	1
76	MP4B	X	-96.595	5
77	MP4B	Z	-55.769	5
78	MP4B	Mx	.043	5
79	MP4C	X	-72.194	1
80	MP4C	Z	-41.681	1
81	MP4C	Mx	-.055	1
82	MP4C	X	-72.194	5
83	MP4C	Z	-41.681	5
84	MP4C	Mx	-.055	5
85	MP2A	X	-100.664	1
86	MP2A	Z	-58.118	1
87	MP2A	Mx	-.02	1
88	MP2A	X	-100.664	5
89	MP2A	Z	-58.118	5
90	MP2A	Mx	-.02	5
91	MP2B	X	-95.245	1
92	MP2B	Z	-54.99	1
93	MP2B	Mx	.087	1
94	MP2B	X	-95.245	5
95	MP2B	Z	-54.99	5
96	MP2B	Mx	.087	5
97	MP2C	X	-95.245	1
98	MP2C	Z	-54.99	1
99	MP2C	Mx	.087	1
100	MP2C	X	-95.245	5
101	MP2C	Z	-54.99	5
102	MP2C	Mx	.087	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-61.904	1
2	MP2A	Z	-107.222	1
3	MP2A	Mx	.054	1
4	MP2A	X	-61.904	5
5	MP2A	Z	-107.222	5
6	MP2A	Mx	.054	5
7	MP2B	X	-44.787	1
8	MP2B	Z	-77.574	1
9	MP2B	Mx	.035	1
10	MP2B	X	-44.787	5
11	MP2B	Z	-77.574	5
12	MP2B	Mx	.035	5
13	MP2C	X	-47.95	1
14	MP2C	Z	-83.053	1
15	MP2C	Mx	-.08	1
16	MP2C	X	-47.95	5
17	MP2C	Z	-83.053	5
18	MP2C	Mx	-.08	5
19	MP1A	X	-35.935	2
20	MP1A	Z	-62.241	2
21	MP1A	Mx	-.004	2
22	MP1A	X	-35.935	4
23	MP1A	Z	-62.241	4
24	MP1A	Mx	-.004	4
25	MP1B	X	-18.057	2
26	MP1B	Z	-31.276	2
27	MP1B	Mx	.022	2
28	MP1B	X	-18.057	4
29	MP1B	Z	-31.276	4
30	MP1B	Mx	.022	4
31	MP1C	X	-21.361	2
32	MP1C	Z	-36.998	2
33	MP1C	Mx	-.023	2
34	MP1C	X	-21.361	4
35	MP1C	Z	-36.998	4
36	MP1C	Mx	-.023	4
37	MP3A	X	-15.243	4
38	MP3A	Z	-26.402	4
39	MP3A	Mx	.001	4
40	MP3B	X	-9.031	4
41	MP3B	Z	-15.642	4
42	MP3B	Mx	-.008	4
43	MP3C	X	-10.179	4
44	MP3C	Z	-17.63	4
45	MP3C	Mx	.008	4
46	MP2A	X	-28.542	2
47	MP2A	Z	-49.437	2
48	MP2A	Mx	.002	2
49	MP2B	X	-20.884	2
50	MP2B	Z	-36.172	2
51	MP2B	Mx	-.019	2
52	MP2C	X	-22.299	2
53	MP2C	Z	-38.623	2
54	MP2C	Mx	.018	2
55	MP3A	X	-28.528	2
56	MP3A	Z	-49.412	2
57	MP3A	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-19.329	2
59	MP3B	Z	-33.478	2
60	MP3B	Mx	-.018	2
61	MP3C	X	-21.029	2
62	MP3C	Z	-36.423	2
63	MP3C	Mx	.017	2
64	OVP	X	-57.844	1
65	OVP	Z	-100.188	1
66	OVP	Mx	-.005	1
67	MP4A	X	-62.594	1
68	MP4A	Z	-108.416	1
69	MP4A	Mx	-.007	1
70	MP4A	X	-62.594	5
71	MP4A	Z	-108.416	5
72	MP4A	Mx	-.007	5
73	MP4B	X	-45.313	1
74	MP4B	Z	-78.484	1
75	MP4B	Mx	.055	1
76	MP4B	X	-45.313	5
77	MP4B	Z	-78.484	5
78	MP4B	Mx	.055	5
79	MP4C	X	-48.506	1
80	MP4C	Z	-84.015	1
81	MP4C	Mx	-.053	1
82	MP4C	X	-48.506	5
83	MP4C	Z	-84.015	5
84	MP4C	Mx	-.053	5
85	MP2A	X	-61.676	1
86	MP2A	Z	-106.826	1
87	MP2A	Mx	-.069	1
88	MP2A	X	-61.676	5
89	MP2A	Z	-106.826	5
90	MP2A	Mx	-.069	5
91	MP2B	X	-44.746	1
92	MP2B	Z	-77.503	1
93	MP2B	Mx	.073	1
94	MP2B	X	-44.746	5
95	MP2B	Z	-77.503	5
96	MP2B	Mx	.073	5
97	MP2C	X	-44.746	1
98	MP2C	Z	-77.503	1
99	MP2C	Mx	.073	1
100	MP2C	X	-44.746	5
101	MP2C	Z	-77.503	5
102	MP2C	Mx	.073	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-22.819	1
3	MP2A	Mx	.00062	1
4	MP2A	X	0	5
5	MP2A	Z	-22.819	5
6	MP2A	Mx	.00062	5
7	MP2B	X	0	1
8	MP2B	Z	-17.82	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.013	1
10	MP2B	X	0	5
11	MP2B	Z	-17.82	5
12	MP2B	Mx	.013	5
13	MP2C	X	0	1
14	MP2C	Z	-23.953	1
15	MP2C	Mx	-.018	1
16	MP2C	X	0	5
17	MP2C	Z	-23.953	5
18	MP2C	Mx	-.018	5
19	MP1A	X	0	2
20	MP1A	Z	-12.417	2
21	MP1A	Mx	-.005	2
22	MP1A	X	0	4
23	MP1A	Z	-12.417	4
24	MP1A	Mx	-.005	4
25	MP1B	X	0	2
26	MP1B	Z	-6.797	2
27	MP1B	Mx	.005	2
28	MP1B	X	0	4
29	MP1B	Z	-6.797	4
30	MP1B	Mx	.005	4
31	MP1C	X	0	2
32	MP1C	Z	-13.691	2
33	MP1C	Mx	-.004	2
34	MP1C	X	0	4
35	MP1C	Z	-13.691	4
36	MP1C	Mx	-.004	4
37	MP3A	X	0	4
38	MP3A	Z	-6.641	4
39	MP3A	Mx	.002	4
40	MP3B	X	0	4
41	MP3B	Z	-4.555	4
42	MP3B	Mx	-.002	4
43	MP3C	X	0	4
44	MP3C	Z	-7.114	4
45	MP3C	Mx	.002	4
46	MP2A	X	0	2
47	MP2A	Z	-11.841	2
48	MP2A	Mx	.003	2
49	MP2B	X	0	2
50	MP2B	Z	-9.327	2
51	MP2B	Mx	-.005	2
52	MP2C	X	0	2
53	MP2C	Z	-12.411	2
54	MP2C	Mx	.003	2
55	MP3A	X	0	2
56	MP3A	Z	-11.592	2
57	MP3A	Mx	.003	2
58	MP3B	X	0	2
59	MP3B	Z	-8.577	2
60	MP3B	Mx	-.004	2
61	MP3C	X	0	2
62	MP3C	Z	-12.276	2
63	MP3C	Mx	.003	2
64	OVP	X	0	1
65	OVP	Z	-22.211	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	OVP	Mx	-.006	1
67	MP4A	X	0	1
68	MP4A	Z	-23.071	1
69	MP4A	Mx	-.009	1
70	MP4A	X	0	5
71	MP4A	Z	-23.071	5
72	MP4A	Mx	-.009	5
73	MP4B	X	0	1
74	MP4B	Z	-18.018	1
75	MP4B	Mx	.012	1
76	MP4B	X	0	5
77	MP4B	Z	-18.018	5
78	MP4B	Mx	.012	5
79	MP4C	X	0	1
80	MP4C	Z	-24.216	1
81	MP4C	Mx	-.007	1
82	MP4C	X	0	5
83	MP4C	Z	-24.216	5
84	MP4C	Mx	-.007	5
85	MP2A	X	0	1
86	MP2A	Z	-22.819	1
87	MP2A	Mx	-.018	1
88	MP2A	X	0	5
89	MP2A	Z	-22.819	5
90	MP2A	Mx	-.018	5
91	MP2B	X	0	1
92	MP2B	Z	-17.82	1
93	MP2B	Mx	.011	1
94	MP2B	X	0	5
95	MP2B	Z	-17.82	5
96	MP2B	Mx	.011	5
97	MP2C	X	0	1
98	MP2C	Z	-17.82	1
99	MP2C	Mx	.011	1
100	MP2C	X	0	5
101	MP2C	Z	-17.82	5
102	MP2C	Mx	.011	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.554	1
2	MP2A	Z	-16.549	1
3	MP2A	Mx	-.008	1
4	MP2A	X	9.554	5
5	MP2A	Z	-16.549	5
6	MP2A	Mx	-.008	5
7	MP2B	X	10.121	1
8	MP2B	Z	-17.53	1
9	MP2B	Mx	.017	1
10	MP2B	X	10.121	5
11	MP2B	Z	-17.53	5
12	MP2B	Mx	.017	5
13	MP2C	X	12.621	1
14	MP2C	Z	-21.86	1
15	MP2C	Mx	-.011	1
16	MP2C	X	12.621	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-21.86	5
18	MP2C	Mx	-.011	5
19	MP1A	X	4.123	2
20	MP1A	Z	-7.141	2
21	MP1A	Mx	-.005	2
22	MP1A	X	4.123	4
23	MP1A	Z	-7.141	4
24	MP1A	Mx	-.005	4
25	MP1B	X	4.76	2
26	MP1B	Z	-8.244	2
27	MP1B	Mx	.005	2
28	MP1B	X	4.76	4
29	MP1B	Z	-8.244	4
30	MP1B	Mx	.005	4
31	MP1C	X	7.57	2
32	MP1C	Z	-13.111	2
33	MP1C	Mx	.00088	2
34	MP1C	X	7.57	4
35	MP1C	Z	-13.111	4
36	MP1C	Mx	.00088	4
37	MP3A	X	2.547	4
38	MP3A	Z	-4.411	4
39	MP3A	Mx	.002	4
40	MP3B	X	2.783	4
41	MP3B	Z	-4.82	4
42	MP3B	Mx	-.002	4
43	MP3C	X	3.826	4
44	MP3C	Z	-6.626	4
45	MP3C	Mx	-.000334	4
46	MP2A	X	4.988	2
47	MP2A	Z	-8.639	2
48	MP2A	Mx	.005	2
49	MP2B	X	5.273	2
50	MP2B	Z	-9.132	2
51	MP2B	Mx	-.004	2
52	MP2C	X	6.53	2
53	MP2C	Z	-11.309	2
54	MP2C	Mx	-.000569	2
55	MP3A	X	4.677	2
56	MP3A	Z	-8.101	2
57	MP3A	Mx	.004	2
58	MP3B	X	5.019	2
59	MP3B	Z	-8.693	2
60	MP3B	Mx	-.004	2
61	MP3C	X	6.527	2
62	MP3C	Z	-11.304	2
63	MP3C	Mx	-.000569	2
64	OVP	X	9.258	1
65	OVP	Z	-16.035	1
66	OVP	Mx	-.008	1
67	MP4A	X	9.66	1
68	MP4A	Z	-16.732	1
69	MP4A	Mx	-.012	1
70	MP4A	X	9.66	5
71	MP4A	Z	-16.732	5
72	MP4A	Mx	-.012	5
73	MP4B	X	10.233	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	-17.724	1
75	MP4B	Mx	.011	1
76	MP4B	X	10.233	5
77	MP4B	Z	-17.724	5
78	MP4B	Mx	.011	5
79	MP4C	X	12.759	1
80	MP4C	Z	-22.099	1
81	MP4C	Mx	.001	1
82	MP4C	X	12.759	5
83	MP4C	Z	-22.099	5
84	MP4C	Mx	.001	5
85	MP2A	X	9.554	1
86	MP2A	Z	-16.549	1
87	MP2A	Mx	-.016	1
88	MP2A	X	9.554	5
89	MP2A	Z	-16.549	5
90	MP2A	Mx	-.016	5
91	MP2B	X	10.121	1
92	MP2B	Z	-17.53	1
93	MP2B	Mx	.005	1
94	MP2B	X	10.121	5
95	MP2B	Z	-17.53	5
96	MP2B	Mx	.005	5
97	MP2C	X	10.121	1
98	MP2C	Z	-17.53	1
99	MP2C	Mx	.005	1
100	MP2C	X	10.121	5
101	MP2C	Z	-17.53	5
102	MP2C	Mx	.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	15.433	1
2	MP2A	Z	-8.91	1
3	MP2A	Mx	-.013	1
4	MP2A	X	15.433	5
5	MP2A	Z	-8.91	5
6	MP2A	Mx	-.013	5
7	MP2B	X	20.744	1
8	MP2B	Z	-11.976	1
9	MP2B	Mx	.018	1
10	MP2B	X	20.744	5
11	MP2B	Z	-11.976	5
12	MP2B	Mx	.018	5
13	MP2C	X	19.762	1
14	MP2C	Z	-11.41	1
15	MP2C	Mx	-.000621	1
16	MP2C	X	19.762	5
17	MP2C	Z	-11.41	5
18	MP2C	Mx	-.000621	5
19	MP1A	X	5.886	2
20	MP1A	Z	-3.399	2
21	MP1A	Mx	-.005	2
22	MP1A	X	5.886	4
23	MP1A	Z	-3.399	4
24	MP1A	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	11.856	2
26	MP1B	Z	-6.845	2
27	MP1B	Mx	.004	2
28	MP1B	X	11.856	4
29	MP1B	Z	-6.845	4
30	MP1B	Mx	.004	4
31	MP1C	X	10.753	2
32	MP1C	Z	-6.208	2
33	MP1C	Mx	.005	2
34	MP1C	X	10.753	4
35	MP1C	Z	-6.208	4
36	MP1C	Mx	.005	4
37	MP3A	X	3.945	4
38	MP3A	Z	-2.278	4
39	MP3A	Mx	.002	4
40	MP3B	X	6.161	4
41	MP3B	Z	-3.557	4
42	MP3B	Mx	-.002	4
43	MP3C	X	5.751	4
44	MP3C	Z	-3.32	4
45	MP3C	Mx	-.002	4
46	MP2A	X	8.078	2
47	MP2A	Z	-4.664	2
48	MP2A	Mx	.005	2
49	MP2B	X	10.748	2
50	MP2B	Z	-6.206	2
51	MP2B	Mx	-.003	2
52	MP2C	X	10.255	2
53	MP2C	Z	-5.921	2
54	MP2C	Mx	-.003	2
55	MP3A	X	7.428	2
56	MP3A	Z	-4.288	2
57	MP3A	Mx	.004	2
58	MP3B	X	10.631	2
59	MP3B	Z	-6.138	2
60	MP3B	Mx	-.003	2
61	MP3C	X	10.039	2
62	MP3C	Z	-5.796	2
63	MP3C	Mx	-.003	2
64	OVP	X	14.923	1
65	OVP	Z	-8.616	1
66	OVP	Mx	-.009	1
67	MP4A	X	15.604	1
68	MP4A	Z	-9.009	1
69	MP4A	Mx	-.012	1
70	MP4A	X	15.604	5
71	MP4A	Z	-9.009	5
72	MP4A	Mx	-.012	5
73	MP4B	X	20.972	1
74	MP4B	Z	-12.108	1
75	MP4B	Mx	.007	1
76	MP4B	X	20.972	5
77	MP4B	Z	-12.108	5
78	MP4B	Mx	.007	5
79	MP4C	X	19.98	1
80	MP4C	Z	-11.535	1
81	MP4C	Mx	.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	19.98	5
83	MP4C	Z	-11.535	5
84	MP4C	Mx	.009	5
85	MP2A	X	15.433	1
86	MP2A	Z	-8.91	1
87	MP2A	Mx	-.011	1
88	MP2A	X	15.433	5
89	MP2A	Z	-8.91	5
90	MP2A	Mx	-.011	5
91	MP2B	X	20.744	1
92	MP2B	Z	-11.976	1
93	MP2B	Mx	-.004	1
94	MP2B	X	20.744	5
95	MP2B	Z	-11.976	5
96	MP2B	Mx	-.004	5
97	MP2C	X	20.744	1
98	MP2C	Z	-11.976	1
99	MP2C	Mx	-.004	1
100	MP2C	X	20.744	5
101	MP2C	Z	-11.976	5
102	MP2C	Mx	-.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.242	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.017	1
4	MP2A	X	20.242	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.017	5
7	MP2B	X	25.241	1
8	MP2B	Z	0	1
9	MP2B	Mx	.011	1
10	MP2B	X	25.241	5
11	MP2B	Z	0	5
12	MP2B	Mx	.011	5
13	MP2C	X	19.109	1
14	MP2C	Z	0	1
15	MP2C	Mx	.008	1
16	MP2C	X	19.109	5
17	MP2C	Z	0	5
18	MP2C	Mx	.008	5
19	MP1A	X	9.52	2
20	MP1A	Z	0	2
21	MP1A	Mx	-.005	2
22	MP1A	X	9.52	4
23	MP1A	Z	0	4
24	MP1A	Mx	-.005	4
25	MP1B	X	15.139	2
26	MP1B	Z	0	2
27	MP1B	Mx	-.00088	2
28	MP1B	X	15.139	4
29	MP1B	Z	0	4
30	MP1B	Mx	-.00088	4
31	MP1C	X	8.246	2
32	MP1C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	.005	2
34	MP1C	X	8.246	4
35	MP1C	Z	0	4
36	MP1C	Mx	.005	4
37	MP3A	X	5.566	4
38	MP3A	Z	0	4
39	MP3A	Mx	.002	4
40	MP3B	X	7.651	4
41	MP3B	Z	0	4
42	MP3B	Mx	.000333	4
43	MP3C	X	5.093	4
44	MP3C	Z	0	4
45	MP3C	Mx	-.002	4
46	MP2A	X	10.545	2
47	MP2A	Z	0	2
48	MP2A	Mx	.004	2
49	MP2B	X	13.059	2
50	MP2B	Z	0	2
51	MP2B	Mx	.000569	2
52	MP2C	X	9.975	2
53	MP2C	Z	0	2
54	MP2C	Mx	-.005	2
55	MP3A	X	10.038	2
56	MP3A	Z	0	2
57	MP3A	Mx	.004	2
58	MP3B	X	13.053	2
59	MP3B	Z	0	2
60	MP3B	Mx	.000569	2
61	MP3C	X	9.354	2
62	MP3C	Z	0	2
63	MP3C	Mx	-.004	2
64	OVP	X	19.644	1
65	OVP	Z	0	1
66	OVP	Mx	-.008	1
67	MP4A	X	20.466	1
68	MP4A	Z	0	1
69	MP4A	Mx	-.011	1
70	MP4A	X	20.466	5
71	MP4A	Z	0	5
72	MP4A	Mx	-.011	5
73	MP4B	X	25.518	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.001	1
76	MP4B	X	25.518	5
77	MP4B	Z	0	5
78	MP4B	Mx	-.001	5
79	MP4C	X	19.32	1
80	MP4C	Z	0	1
81	MP4C	Mx	.012	1
82	MP4C	X	19.32	5
83	MP4C	Z	0	5
84	MP4C	Mx	.012	5
85	MP2A	X	20.242	1
86	MP2A	Z	0	1
87	MP2A	Mx	-.005	1
88	MP2A	X	20.242	5
89	MP2A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP2A	Mx	-.005	5
91	MP2B	X	25.241	1
92	MP2B	Z	0	1
93	MP2B	Mx	-.014	1
94	MP2B	X	25.241	5
95	MP2B	Z	0	5
96	MP2B	Mx	-.014	5
97	MP2C	X	25.241	1
98	MP2C	Z	0	1
99	MP2C	Mx	-.014	1
100	MP2C	X	25.241	5
101	MP2C	Z	0	5
102	MP2C	Mx	-.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.744	1
2	MP2A	Z	11.976	1
3	MP2A	Mx	-.018	1
4	MP2A	X	20.744	5
5	MP2A	Z	11.976	5
6	MP2A	Mx	-.018	5
7	MP2B	X	19.762	1
8	MP2B	Z	11.41	1
9	MP2B	Mx	.00062	1
10	MP2B	X	19.762	5
11	MP2B	Z	11.41	5
12	MP2B	Mx	.00062	5
13	MP2C	X	15.433	1
14	MP2C	Z	8.91	1
15	MP2C	Mx	.013	1
16	MP2C	X	15.433	5
17	MP2C	Z	8.91	5
18	MP2C	Mx	.013	5
19	MP1A	X	11.856	2
20	MP1A	Z	6.845	2
21	MP1A	Mx	-.004	2
22	MP1A	X	11.856	4
23	MP1A	Z	6.845	4
24	MP1A	Mx	-.004	4
25	MP1B	X	10.753	2
26	MP1B	Z	6.208	2
27	MP1B	Mx	-.005	2
28	MP1B	X	10.753	4
29	MP1B	Z	6.208	4
30	MP1B	Mx	-.005	4
31	MP1C	X	5.886	2
32	MP1C	Z	3.399	2
33	MP1C	Mx	.005	2
34	MP1C	X	5.886	4
35	MP1C	Z	3.399	4
36	MP1C	Mx	.005	4
37	MP3A	X	6.161	4
38	MP3A	Z	3.557	4
39	MP3A	Mx	.002	4
40	MP3B	X	5.751	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	3.32	4
42	MP3B	Mx	.002	4
43	MP3C	X	3.945	4
44	MP3C	Z	2.278	4
45	MP3C	Mx	-.002	4
46	MP2A	X	10.748	2
47	MP2A	Z	6.206	2
48	MP2A	Mx	.003	2
49	MP2B	X	10.255	2
50	MP2B	Z	5.921	2
51	MP2B	Mx	.003	2
52	MP2C	X	8.078	2
53	MP2C	Z	4.664	2
54	MP2C	Mx	-.005	2
55	MP3A	X	10.631	2
56	MP3A	Z	6.138	2
57	MP3A	Mx	.003	2
58	MP3B	X	10.039	2
59	MP3B	Z	5.796	2
60	MP3B	Mx	.003	2
61	MP3C	X	7.428	2
62	MP3C	Z	4.288	2
63	MP3C	Mx	-.004	2
64	OVP	X	20.212	1
65	OVP	Z	11.67	1
66	OVP	Mx	-.005	1
67	MP4A	X	20.972	1
68	MP4A	Z	12.108	1
69	MP4A	Mx	-.007	1
70	MP4A	X	20.972	5
71	MP4A	Z	12.108	5
72	MP4A	Mx	-.007	5
73	MP4B	X	19.98	1
74	MP4B	Z	11.535	1
75	MP4B	Mx	-.009	1
76	MP4B	X	19.98	5
77	MP4B	Z	11.535	5
78	MP4B	Mx	-.009	5
79	MP4C	X	15.604	1
80	MP4C	Z	9.009	1
81	MP4C	Mx	.012	1
82	MP4C	X	15.604	5
83	MP4C	Z	9.009	5
84	MP4C	Mx	.012	5
85	MP2A	X	20.744	1
86	MP2A	Z	11.976	1
87	MP2A	Mx	.004	1
88	MP2A	X	20.744	5
89	MP2A	Z	11.976	5
90	MP2A	Mx	.004	5
91	MP2B	X	19.762	1
92	MP2B	Z	11.41	1
93	MP2B	Mx	-.018	1
94	MP2B	X	19.762	5
95	MP2B	Z	11.41	5
96	MP2B	Mx	-.018	5
97	MP2C	X	19.762	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	11.41	1
99	MP2C	Mx	-.018	1
100	MP2C	X	19.762	5
101	MP2C	Z	11.41	5
102	MP2C	Mx	-.018	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.621	1
2	MP2A	Z	21.86	1
3	MP2A	Mx	-.011	1
4	MP2A	X	12.621	5
5	MP2A	Z	21.86	5
6	MP2A	Mx	-.011	5
7	MP2B	X	9.554	1
8	MP2B	Z	16.549	1
9	MP2B	Mx	-.008	1
10	MP2B	X	9.554	5
11	MP2B	Z	16.549	5
12	MP2B	Mx	-.008	5
13	MP2C	X	10.121	1
14	MP2C	Z	17.53	1
15	MP2C	Mx	.017	1
16	MP2C	X	10.121	5
17	MP2C	Z	17.53	5
18	MP2C	Mx	.017	5
19	MP1A	X	7.57	2
20	MP1A	Z	13.111	2
21	MP1A	Mx	.000879	2
22	MP1A	X	7.57	4
23	MP1A	Z	13.111	4
24	MP1A	Mx	.000879	4
25	MP1B	X	4.123	2
26	MP1B	Z	7.141	2
27	MP1B	Mx	-.005	2
28	MP1B	X	4.123	4
29	MP1B	Z	7.141	4
30	MP1B	Mx	-.005	4
31	MP1C	X	4.76	2
32	MP1C	Z	8.244	2
33	MP1C	Mx	.005	2
34	MP1C	X	4.76	4
35	MP1C	Z	8.244	4
36	MP1C	Mx	.005	4
37	MP3A	X	3.826	4
38	MP3A	Z	6.626	4
39	MP3A	Mx	-.000333	4
40	MP3B	X	2.547	4
41	MP3B	Z	4.411	4
42	MP3B	Mx	.002	4
43	MP3C	X	2.783	4
44	MP3C	Z	4.82	4
45	MP3C	Mx	-.002	4
46	MP2A	X	6.53	2
47	MP2A	Z	11.309	2
48	MP2A	Mx	-.000569	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2B	X	4.988	2
50	MP2B	Z	8.639	2
51	MP2B	Mx	.005	2
52	MP2C	X	5.273	2
53	MP2C	Z	9.132	2
54	MP2C	Mx	-.004	2
55	MP3A	X	6.527	2
56	MP3A	Z	11.304	2
57	MP3A	Mx	-.000569	2
58	MP3B	X	4.677	2
59	MP3B	Z	8.101	2
60	MP3B	Mx	.004	2
61	MP3C	X	5.019	2
62	MP3C	Z	8.693	2
63	MP3C	Mx	-.004	2
64	OVP	X	12.311	1
65	OVP	Z	21.324	1
66	OVP	Mx	.001	1
67	MP4A	X	12.759	1
68	MP4A	Z	22.099	1
69	MP4A	Mx	.001	1
70	MP4A	X	12.759	5
71	MP4A	Z	22.099	5
72	MP4A	Mx	.001	5
73	MP4B	X	9.66	1
74	MP4B	Z	16.732	1
75	MP4B	Mx	-.012	1
76	MP4B	X	9.66	5
77	MP4B	Z	16.732	5
78	MP4B	Mx	-.012	5
79	MP4C	X	10.233	1
80	MP4C	Z	17.724	1
81	MP4C	Mx	.011	1
82	MP4C	X	10.233	5
83	MP4C	Z	17.724	5
84	MP4C	Mx	.011	5
85	MP2A	X	12.621	1
86	MP2A	Z	21.86	1
87	MP2A	Mx	.014	1
88	MP2A	X	12.621	5
89	MP2A	Z	21.86	5
90	MP2A	Mx	.014	5
91	MP2B	X	9.554	1
92	MP2B	Z	16.549	1
93	MP2B	Mx	-.016	1
94	MP2B	X	9.554	5
95	MP2B	Z	16.549	5
96	MP2B	Mx	-.016	5
97	MP2C	X	9.554	1
98	MP2C	Z	16.549	1
99	MP2C	Mx	-.016	1
100	MP2C	X	9.554	5
101	MP2C	Z	16.549	5
102	MP2C	Mx	-.016	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	22.819	1
3	MP2A	Mx	-.00062	1
4	MP2A	X	0	5
5	MP2A	Z	22.819	5
6	MP2A	Mx	-.00062	5
7	MP2B	X	0	1
8	MP2B	Z	17.82	1
9	MP2B	Mx	-.013	1
10	MP2B	X	0	5
11	MP2B	Z	17.82	5
12	MP2B	Mx	-.013	5
13	MP2C	X	0	1
14	MP2C	Z	23.953	1
15	MP2C	Mx	.018	1
16	MP2C	X	0	5
17	MP2C	Z	23.953	5
18	MP2C	Mx	.018	5
19	MP1A	X	0	2
20	MP1A	Z	12.417	2
21	MP1A	Mx	.005	2
22	MP1A	X	0	4
23	MP1A	Z	12.417	4
24	MP1A	Mx	.005	4
25	MP1B	X	0	2
26	MP1B	Z	6.797	2
27	MP1B	Mx	-.005	2
28	MP1B	X	0	4
29	MP1B	Z	6.797	4
30	MP1B	Mx	-.005	4
31	MP1C	X	0	2
32	MP1C	Z	13.691	2
33	MP1C	Mx	.004	2
34	MP1C	X	0	4
35	MP1C	Z	13.691	4
36	MP1C	Mx	.004	4
37	MP3A	X	0	4
38	MP3A	Z	6.641	4
39	MP3A	Mx	-.002	4
40	MP3B	X	0	4
41	MP3B	Z	4.555	4
42	MP3B	Mx	.002	4
43	MP3C	X	0	4
44	MP3C	Z	7.114	4
45	MP3C	Mx	-.002	4
46	MP2A	X	0	2
47	MP2A	Z	11.841	2
48	MP2A	Mx	-.003	2
49	MP2B	X	0	2
50	MP2B	Z	9.327	2
51	MP2B	Mx	.005	2
52	MP2C	X	0	2
53	MP2C	Z	12.411	2
54	MP2C	Mx	-.003	2
55	MP3A	X	0	2
56	MP3A	Z	11.592	2
57	MP3A	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	2
59	MP3B	Z	8.577	2
60	MP3B	Mx	.004	2
61	MP3C	X	0	2
62	MP3C	Z	12.276	2
63	MP3C	Mx	-.003	2
64	OVP	X	0	1
65	OVP	Z	22.211	1
66	OVP	Mx	.006	1
67	MP4A	X	0	1
68	MP4A	Z	23.071	1
69	MP4A	Mx	.009	1
70	MP4A	X	0	5
71	MP4A	Z	23.071	5
72	MP4A	Mx	.009	5
73	MP4B	X	0	1
74	MP4B	Z	18.018	1
75	MP4B	Mx	-.012	1
76	MP4B	X	0	5
77	MP4B	Z	18.018	5
78	MP4B	Mx	-.012	5
79	MP4C	X	0	1
80	MP4C	Z	24.216	1
81	MP4C	Mx	.007	1
82	MP4C	X	0	5
83	MP4C	Z	24.216	5
84	MP4C	Mx	.007	5
85	MP2A	X	0	1
86	MP2A	Z	22.819	1
87	MP2A	Mx	.018	1
88	MP2A	X	0	5
89	MP2A	Z	22.819	5
90	MP2A	Mx	.018	5
91	MP2B	X	0	1
92	MP2B	Z	17.82	1
93	MP2B	Mx	-.011	1
94	MP2B	X	0	5
95	MP2B	Z	17.82	5
96	MP2B	Mx	-.011	5
97	MP2C	X	0	1
98	MP2C	Z	17.82	1
99	MP2C	Mx	-.011	1
100	MP2C	X	0	5
101	MP2C	Z	17.82	5
102	MP2C	Mx	-.011	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.554	1
2	MP2A	Z	16.549	1
3	MP2A	Mx	.008	1
4	MP2A	X	-9.554	5
5	MP2A	Z	16.549	5
6	MP2A	Mx	.008	5
7	MP2B	X	-10.121	1
8	MP2B	Z	17.53	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.017	1
10	MP2B	X	-10.121	5
11	MP2B	Z	17.53	5
12	MP2B	Mx	-.017	5
13	MP2C	X	-12.621	1
14	MP2C	Z	21.86	1
15	MP2C	Mx	.011	1
16	MP2C	X	-12.621	5
17	MP2C	Z	21.86	5
18	MP2C	Mx	.011	5
19	MP1A	X	-4.123	2
20	MP1A	Z	7.141	2
21	MP1A	Mx	.005	2
22	MP1A	X	-4.123	4
23	MP1A	Z	7.141	4
24	MP1A	Mx	.005	4
25	MP1B	X	-4.76	2
26	MP1B	Z	8.244	2
27	MP1B	Mx	-.005	2
28	MP1B	X	-4.76	4
29	MP1B	Z	8.244	4
30	MP1B	Mx	-.005	4
31	MP1C	X	-7.57	2
32	MP1C	Z	13.111	2
33	MP1C	Mx	-.00088	2
34	MP1C	X	-7.57	4
35	MP1C	Z	13.111	4
36	MP1C	Mx	-.00088	4
37	MP3A	X	-2.547	4
38	MP3A	Z	4.411	4
39	MP3A	Mx	-.002	4
40	MP3B	X	-2.783	4
41	MP3B	Z	4.82	4
42	MP3B	Mx	.002	4
43	MP3C	X	-3.826	4
44	MP3C	Z	6.626	4
45	MP3C	Mx	.000334	4
46	MP2A	X	-4.988	2
47	MP2A	Z	8.639	2
48	MP2A	Mx	-.005	2
49	MP2B	X	-5.273	2
50	MP2B	Z	9.132	2
51	MP2B	Mx	.004	2
52	MP2C	X	-6.53	2
53	MP2C	Z	11.309	2
54	MP2C	Mx	.000569	2
55	MP3A	X	-4.677	2
56	MP3A	Z	8.101	2
57	MP3A	Mx	-.004	2
58	MP3B	X	-5.019	2
59	MP3B	Z	8.693	2
60	MP3B	Mx	.004	2
61	MP3C	X	-6.527	2
62	MP3C	Z	11.304	2
63	MP3C	Mx	.000569	2
64	OVP	X	-9.258	1
65	OVP	Z	16.035	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	OVP	Mx	.008	1
67	MP4A	X	-9.66	1
68	MP4A	Z	16.732	1
69	MP4A	Mx	.012	1
70	MP4A	X	-9.66	5
71	MP4A	Z	16.732	5
72	MP4A	Mx	.012	5
73	MP4B	X	-10.233	1
74	MP4B	Z	17.724	1
75	MP4B	Mx	-.011	1
76	MP4B	X	-10.233	5
77	MP4B	Z	17.724	5
78	MP4B	Mx	-.011	5
79	MP4C	X	-12.759	1
80	MP4C	Z	22.099	1
81	MP4C	Mx	-.001	1
82	MP4C	X	-12.759	5
83	MP4C	Z	22.099	5
84	MP4C	Mx	-.001	5
85	MP2A	X	-9.554	1
86	MP2A	Z	16.549	1
87	MP2A	Mx	.016	1
88	MP2A	X	-9.554	5
89	MP2A	Z	16.549	5
90	MP2A	Mx	.016	5
91	MP2B	X	-10.121	1
92	MP2B	Z	17.53	1
93	MP2B	Mx	-.005	1
94	MP2B	X	-10.121	5
95	MP2B	Z	17.53	5
96	MP2B	Mx	-.005	5
97	MP2C	X	-10.121	1
98	MP2C	Z	17.53	1
99	MP2C	Mx	-.005	1
100	MP2C	X	-10.121	5
101	MP2C	Z	17.53	5
102	MP2C	Mx	-.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-15.433	1
2	MP2A	Z	8.91	1
3	MP2A	Mx	.013	1
4	MP2A	X	-15.433	5
5	MP2A	Z	8.91	5
6	MP2A	Mx	.013	5
7	MP2B	X	-20.744	1
8	MP2B	Z	11.976	1
9	MP2B	Mx	-.018	1
10	MP2B	X	-20.744	5
11	MP2B	Z	11.976	5
12	MP2B	Mx	-.018	5
13	MP2C	X	-19.762	1
14	MP2C	Z	11.41	1
15	MP2C	Mx	.000621	1
16	MP2C	X	-19.762	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	11.41	5
18	MP2C	Mx	.000621	5
19	MP1A	X	-5.886	2
20	MP1A	Z	3.399	2
21	MP1A	Mx	.005	2
22	MP1A	X	-5.886	4
23	MP1A	Z	3.399	4
24	MP1A	Mx	.005	4
25	MP1B	X	-11.856	2
26	MP1B	Z	6.845	2
27	MP1B	Mx	-.004	2
28	MP1B	X	-11.856	4
29	MP1B	Z	6.845	4
30	MP1B	Mx	-.004	4
31	MP1C	X	-10.753	2
32	MP1C	Z	6.208	2
33	MP1C	Mx	-.005	2
34	MP1C	X	-10.753	4
35	MP1C	Z	6.208	4
36	MP1C	Mx	-.005	4
37	MP3A	X	-3.945	4
38	MP3A	Z	2.278	4
39	MP3A	Mx	-.002	4
40	MP3B	X	-6.161	4
41	MP3B	Z	3.557	4
42	MP3B	Mx	.002	4
43	MP3C	X	-5.751	4
44	MP3C	Z	3.32	4
45	MP3C	Mx	.002	4
46	MP2A	X	-8.078	2
47	MP2A	Z	4.664	2
48	MP2A	Mx	-.005	2
49	MP2B	X	-10.748	2
50	MP2B	Z	6.206	2
51	MP2B	Mx	.003	2
52	MP2C	X	-10.255	2
53	MP2C	Z	5.921	2
54	MP2C	Mx	.003	2
55	MP3A	X	-7.428	2
56	MP3A	Z	4.288	2
57	MP3A	Mx	-.004	2
58	MP3B	X	-10.631	2
59	MP3B	Z	6.138	2
60	MP3B	Mx	.003	2
61	MP3C	X	-10.039	2
62	MP3C	Z	5.796	2
63	MP3C	Mx	.003	2
64	OVP	X	-14.923	1
65	OVP	Z	8.616	1
66	OVP	Mx	.009	1
67	MP4A	X	-15.604	1
68	MP4A	Z	9.009	1
69	MP4A	Mx	.012	1
70	MP4A	X	-15.604	5
71	MP4A	Z	9.009	5
72	MP4A	Mx	.012	5
73	MP4B	X	-20.972	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	12.108	1
75	MP4B	Mx	-.007	1
76	MP4B	X	-20.972	5
77	MP4B	Z	12.108	5
78	MP4B	Mx	-.007	5
79	MP4C	X	-19.98	1
80	MP4C	Z	11.535	1
81	MP4C	Mx	-.009	1
82	MP4C	X	-19.98	5
83	MP4C	Z	11.535	5
84	MP4C	Mx	-.009	5
85	MP2A	X	-15.433	1
86	MP2A	Z	8.91	1
87	MP2A	Mx	.011	1
88	MP2A	X	-15.433	5
89	MP2A	Z	8.91	5
90	MP2A	Mx	.011	5
91	MP2B	X	-20.744	1
92	MP2B	Z	11.976	1
93	MP2B	Mx	.004	1
94	MP2B	X	-20.744	5
95	MP2B	Z	11.976	5
96	MP2B	Mx	.004	5
97	MP2C	X	-20.744	1
98	MP2C	Z	11.976	1
99	MP2C	Mx	.004	1
100	MP2C	X	-20.744	5
101	MP2C	Z	11.976	5
102	MP2C	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.242	1
2	MP2A	Z	0	1
3	MP2A	Mx	.017	1
4	MP2A	X	-20.242	5
5	MP2A	Z	0	5
6	MP2A	Mx	.017	5
7	MP2B	X	-25.241	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.011	1
10	MP2B	X	-25.241	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.011	5
13	MP2C	X	-19.109	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.008	1
16	MP2C	X	-19.109	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.008	5
19	MP1A	X	-9.52	2
20	MP1A	Z	0	2
21	MP1A	Mx	.005	2
22	MP1A	X	-9.52	4
23	MP1A	Z	0	4
24	MP1A	Mx	.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	-15.139	2
26	MP1B	Z	0	2
27	MP1B	Mx	.00088	2
28	MP1B	X	-15.139	4
29	MP1B	Z	0	4
30	MP1B	Mx	.00088	4
31	MP1C	X	-8.246	2
32	MP1C	Z	0	2
33	MP1C	Mx	-.005	2
34	MP1C	X	-8.246	4
35	MP1C	Z	0	4
36	MP1C	Mx	-.005	4
37	MP3A	X	-5.566	4
38	MP3A	Z	0	4
39	MP3A	Mx	-.002	4
40	MP3B	X	-7.651	4
41	MP3B	Z	0	4
42	MP3B	Mx	-.000333	4
43	MP3C	X	-5.093	4
44	MP3C	Z	0	4
45	MP3C	Mx	.002	4
46	MP2A	X	-10.545	2
47	MP2A	Z	0	2
48	MP2A	Mx	-.004	2
49	MP2B	X	-13.059	2
50	MP2B	Z	0	2
51	MP2B	Mx	-.000569	2
52	MP2C	X	-9.975	2
53	MP2C	Z	0	2
54	MP2C	Mx	.005	2
55	MP3A	X	-10.038	2
56	MP3A	Z	0	2
57	MP3A	Mx	-.004	2
58	MP3B	X	-13.053	2
59	MP3B	Z	0	2
60	MP3B	Mx	-.000569	2
61	MP3C	X	-9.354	2
62	MP3C	Z	0	2
63	MP3C	Mx	.004	2
64	OVP	X	-19.644	1
65	OVP	Z	0	1
66	OVP	Mx	.008	1
67	MP4A	X	-20.466	1
68	MP4A	Z	0	1
69	MP4A	Mx	.011	1
70	MP4A	X	-20.466	5
71	MP4A	Z	0	5
72	MP4A	Mx	.011	5
73	MP4B	X	-25.518	1
74	MP4B	Z	0	1
75	MP4B	Mx	.001	1
76	MP4B	X	-25.518	5
77	MP4B	Z	0	5
78	MP4B	Mx	.001	5
79	MP4C	X	-19.32	1
80	MP4C	Z	0	1
81	MP4C	Mx	-.012	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	-19.32	5
83	MP4C	Z	0	5
84	MP4C	Mx	-.012	5
85	MP2A	X	-20.242	1
86	MP2A	Z	0	1
87	MP2A	Mx	.005	1
88	MP2A	X	-20.242	5
89	MP2A	Z	0	5
90	MP2A	Mx	.005	5
91	MP2B	X	-25.241	1
92	MP2B	Z	0	1
93	MP2B	Mx	.014	1
94	MP2B	X	-25.241	5
95	MP2B	Z	0	5
96	MP2B	Mx	.014	5
97	MP2C	X	-25.241	1
98	MP2C	Z	0	1
99	MP2C	Mx	.014	1
100	MP2C	X	-25.241	5
101	MP2C	Z	0	5
102	MP2C	Mx	.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.744	1
2	MP2A	Z	-11.976	1
3	MP2A	Mx	.018	1
4	MP2A	X	-20.744	5
5	MP2A	Z	-11.976	5
6	MP2A	Mx	.018	5
7	MP2B	X	-19.762	1
8	MP2B	Z	-11.41	1
9	MP2B	Mx	-.00062	1
10	MP2B	X	-19.762	5
11	MP2B	Z	-11.41	5
12	MP2B	Mx	-.00062	5
13	MP2C	X	-15.433	1
14	MP2C	Z	-8.91	1
15	MP2C	Mx	-.013	1
16	MP2C	X	-15.433	5
17	MP2C	Z	-8.91	5
18	MP2C	Mx	-.013	5
19	MP1A	X	-11.856	2
20	MP1A	Z	-6.845	2
21	MP1A	Mx	.004	2
22	MP1A	X	-11.856	4
23	MP1A	Z	-6.845	4
24	MP1A	Mx	.004	4
25	MP1B	X	-10.753	2
26	MP1B	Z	-6.208	2
27	MP1B	Mx	.005	2
28	MP1B	X	-10.753	4
29	MP1B	Z	-6.208	4
30	MP1B	Mx	.005	4
31	MP1C	X	-5.886	2
32	MP1C	Z	-3.399	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	-.005	2
34	MP1C	X	-5.886	4
35	MP1C	Z	-3.399	4
36	MP1C	Mx	-.005	4
37	MP3A	X	-6.161	4
38	MP3A	Z	-3.557	4
39	MP3A	Mx	-.002	4
40	MP3B	X	-5.751	4
41	MP3B	Z	-3.32	4
42	MP3B	Mx	-.002	4
43	MP3C	X	-3.945	4
44	MP3C	Z	-2.278	4
45	MP3C	Mx	.002	4
46	MP2A	X	-10.748	2
47	MP2A	Z	-6.206	2
48	MP2A	Mx	-.003	2
49	MP2B	X	-10.255	2
50	MP2B	Z	-5.921	2
51	MP2B	Mx	-.003	2
52	MP2C	X	-8.078	2
53	MP2C	Z	-4.664	2
54	MP2C	Mx	.005	2
55	MP3A	X	-10.631	2
56	MP3A	Z	-6.138	2
57	MP3A	Mx	-.003	2
58	MP3B	X	-10.039	2
59	MP3B	Z	-5.796	2
60	MP3B	Mx	-.003	2
61	MP3C	X	-7.428	2
62	MP3C	Z	-4.288	2
63	MP3C	Mx	.004	2
64	OVP	X	-20.212	1
65	OVP	Z	-11.67	1
66	OVP	Mx	.005	1
67	MP4A	X	-20.972	1
68	MP4A	Z	-12.108	1
69	MP4A	Mx	.007	1
70	MP4A	X	-20.972	5
71	MP4A	Z	-12.108	5
72	MP4A	Mx	.007	5
73	MP4B	X	-19.98	1
74	MP4B	Z	-11.535	1
75	MP4B	Mx	.009	1
76	MP4B	X	-19.98	5
77	MP4B	Z	-11.535	5
78	MP4B	Mx	.009	5
79	MP4C	X	-15.604	1
80	MP4C	Z	-9.009	1
81	MP4C	Mx	-.012	1
82	MP4C	X	-15.604	5
83	MP4C	Z	-9.009	5
84	MP4C	Mx	-.012	5
85	MP2A	X	-20.744	1
86	MP2A	Z	-11.976	1
87	MP2A	Mx	-.004	1
88	MP2A	X	-20.744	5
89	MP2A	Z	-11.976	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP2A	Mx	-.004	5
91	MP2B	X	-19.762	1
92	MP2B	Z	-11.41	1
93	MP2B	Mx	.018	1
94	MP2B	X	-19.762	5
95	MP2B	Z	-11.41	5
96	MP2B	Mx	.018	5
97	MP2C	X	-19.762	1
98	MP2C	Z	-11.41	1
99	MP2C	Mx	.018	1
100	MP2C	X	-19.762	5
101	MP2C	Z	-11.41	5
102	MP2C	Mx	.018	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.621	1
2	MP2A	Z	-21.86	1
3	MP2A	Mx	.011	1
4	MP2A	X	-12.621	5
5	MP2A	Z	-21.86	5
6	MP2A	Mx	.011	5
7	MP2B	X	-9.554	1
8	MP2B	Z	-16.549	1
9	MP2B	Mx	.008	1
10	MP2B	X	-9.554	5
11	MP2B	Z	-16.549	5
12	MP2B	Mx	.008	5
13	MP2C	X	-10.121	1
14	MP2C	Z	-17.53	1
15	MP2C	Mx	-.017	1
16	MP2C	X	-10.121	5
17	MP2C	Z	-17.53	5
18	MP2C	Mx	-.017	5
19	MP1A	X	-7.57	2
20	MP1A	Z	-13.111	2
21	MP1A	Mx	-.000879	2
22	MP1A	X	-7.57	4
23	MP1A	Z	-13.111	4
24	MP1A	Mx	-.000879	4
25	MP1B	X	-4.123	2
26	MP1B	Z	-7.141	2
27	MP1B	Mx	.005	2
28	MP1B	X	-4.123	4
29	MP1B	Z	-7.141	4
30	MP1B	Mx	.005	4
31	MP1C	X	-4.76	2
32	MP1C	Z	-8.244	2
33	MP1C	Mx	-.005	2
34	MP1C	X	-4.76	4
35	MP1C	Z	-8.244	4
36	MP1C	Mx	-.005	4
37	MP3A	X	-3.826	4
38	MP3A	Z	-6.626	4
39	MP3A	Mx	.000333	4
40	MP3B	X	-2.547	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	-4.411	4
42	MP3B	Mx	-.002	4
43	MP3C	X	-2.783	4
44	MP3C	Z	-4.82	4
45	MP3C	Mx	.002	4
46	MP2A	X	-6.53	2
47	MP2A	Z	-11.309	2
48	MP2A	Mx	.000569	2
49	MP2B	X	-4.988	2
50	MP2B	Z	-8.639	2
51	MP2B	Mx	-.005	2
52	MP2C	X	-5.273	2
53	MP2C	Z	-9.132	2
54	MP2C	Mx	.004	2
55	MP3A	X	-6.527	2
56	MP3A	Z	-11.304	2
57	MP3A	Mx	.000569	2
58	MP3B	X	-4.677	2
59	MP3B	Z	-8.101	2
60	MP3B	Mx	-.004	2
61	MP3C	X	-5.019	2
62	MP3C	Z	-8.693	2
63	MP3C	Mx	.004	2
64	OVP	X	-12.311	1
65	OVP	Z	-21.324	1
66	OVP	Mx	-.001	1
67	MP4A	X	-12.759	1
68	MP4A	Z	-22.099	1
69	MP4A	Mx	-.001	1
70	MP4A	X	-12.759	5
71	MP4A	Z	-22.099	5
72	MP4A	Mx	-.001	5
73	MP4B	X	-9.66	1
74	MP4B	Z	-16.732	1
75	MP4B	Mx	.012	1
76	MP4B	X	-9.66	5
77	MP4B	Z	-16.732	5
78	MP4B	Mx	.012	5
79	MP4C	X	-10.233	1
80	MP4C	Z	-17.724	1
81	MP4C	Mx	-.011	1
82	MP4C	X	-10.233	5
83	MP4C	Z	-17.724	5
84	MP4C	Mx	-.011	5
85	MP2A	X	-12.621	1
86	MP2A	Z	-21.86	1
87	MP2A	Mx	-.014	1
88	MP2A	X	-12.621	5
89	MP2A	Z	-21.86	5
90	MP2A	Mx	-.014	5
91	MP2B	X	-9.554	1
92	MP2B	Z	-16.549	1
93	MP2B	Mx	.016	1
94	MP2B	X	-9.554	5
95	MP2B	Z	-16.549	5
96	MP2B	Mx	.016	5
97	MP2C	X	-9.554	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	-16.549	1
99	MP2C	Mx	.016	1
100	MP2C	X	-9.554	5
101	MP2C	Z	-16.549	5
102	MP2C	Mx	.016	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-7.009	1
3	MP2A	Mx	.000191	1
4	MP2A	X	0	5
5	MP2A	Z	-7.009	5
6	MP2A	Mx	.000191	5
7	MP2B	X	0	1
8	MP2B	Z	-5.236	1
9	MP2B	Mx	.004	1
10	MP2B	X	0	5
11	MP2B	Z	-5.236	5
12	MP2B	Mx	.004	5
13	MP2C	X	0	1
14	MP2C	Z	-7.411	1
15	MP2C	Mx	-.005	1
16	MP2C	X	0	5
17	MP2C	Z	-7.411	5
18	MP2C	Mx	-.005	5
19	MP1A	X	0	2
20	MP1A	Z	-3.67	2
21	MP1A	Mx	-.001	2
22	MP1A	X	0	4
23	MP1A	Z	-3.67	4
24	MP1A	Mx	-.001	4
25	MP1B	X	0	2
26	MP1B	Z	-1.818	2
27	MP1B	Mx	.001	2
28	MP1B	X	0	4
29	MP1B	Z	-1.818	4
30	MP1B	Mx	.001	4
31	MP1C	X	0	2
32	MP1C	Z	-4.09	2
33	MP1C	Mx	-.001	2
34	MP1C	X	0	4
35	MP1C	Z	-4.09	4
36	MP1C	Mx	-.001	4
37	MP3A	X	0	4
38	MP3A	Z	-1.626	4
39	MP3A	Mx	.000466	4
40	MP3B	X	0	4
41	MP3B	Z	-.982	4
42	MP3B	Mx	-.000489	4
43	MP3C	X	0	4
44	MP3C	Z	-1.772	4
45	MP3C	Mx	.000374	4
46	MP2A	X	0	2
47	MP2A	Z	-3.244	2
48	MP2A	Mx	.00093	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2B	X	0	2
50	MP2B	Z	-2.45	2
51	MP2B	Mx	-.001	2
52	MP2C	X	0	2
53	MP2C	Z	-3.423	2
54	MP2C	Mx	.000723	2
55	MP3A	X	0	2
56	MP3A	Z	-3.164	2
57	MP3A	Mx	.000907	2
58	MP3B	X	0	2
59	MP3B	Z	-2.211	2
60	MP3B	Mx	-.001	2
61	MP3C	X	0	2
62	MP3C	Z	-3.38	2
63	MP3C	Mx	.000714	2
64	OVP	X	0	1
65	OVP	Z	-6.552	1
66	OVP	Mx	-.002	1
67	MP4A	X	0	1
68	MP4A	Z	-7.089	1
69	MP4A	Mx	-.003	1
70	MP4A	X	0	5
71	MP4A	Z	-7.089	5
72	MP4A	Mx	-.003	5
73	MP4B	X	0	1
74	MP4B	Z	-5.298	1
75	MP4B	Mx	.004	1
76	MP4B	X	0	5
77	MP4B	Z	-5.298	5
78	MP4B	Mx	.004	5
79	MP4C	X	0	1
80	MP4C	Z	-7.495	1
81	MP4C	Mx	-.002	1
82	MP4C	X	0	5
83	MP4C	Z	-7.495	5
84	MP4C	Mx	-.002	5
85	MP2A	X	0	1
86	MP2A	Z	-6.99	1
87	MP2A	Mx	-.006	1
88	MP2A	X	0	5
89	MP2A	Z	-6.99	5
90	MP2A	Mx	-.006	5
91	MP2B	X	0	1
92	MP2B	Z	-5.235	1
93	MP2B	Mx	.003	1
94	MP2B	X	0	5
95	MP2B	Z	-5.235	5
96	MP2B	Mx	.003	5
97	MP2C	X	0	1
98	MP2C	Z	-5.235	1
99	MP2C	Mx	.003	1
100	MP2C	X	0	5
101	MP2C	Z	-5.235	5
102	MP2C	Mx	.003	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.846	1
2	MP2A	Z	-4.93	1
3	MP2A	Mx	-.002	1
4	MP2A	X	2.846	5
5	MP2A	Z	-4.93	5
6	MP2A	Mx	-.002	5
7	MP2B	X	3.047	1
8	MP2B	Z	-5.278	1
9	MP2B	Mx	.005	1
10	MP2B	X	3.047	5
11	MP2B	Z	-5.278	5
12	MP2B	Mx	.005	5
13	MP2C	X	3.934	1
14	MP2C	Z	-6.814	1
15	MP2C	Mx	-.003	1
16	MP2C	X	3.934	5
17	MP2C	Z	-6.814	5
18	MP2C	Mx	-.003	5
19	MP1A	X	1.148	2
20	MP1A	Z	-1.988	2
21	MP1A	Mx	-.001	2
22	MP1A	X	1.148	4
23	MP1A	Z	-1.988	4
24	MP1A	Mx	-.001	4
25	MP1B	X	1.358	2
26	MP1B	Z	-2.351	2
27	MP1B	Mx	.001	2
28	MP1B	X	1.358	4
29	MP1B	Z	-2.351	4
30	MP1B	Mx	.001	4
31	MP1C	X	2.284	2
32	MP1C	Z	-3.956	2
33	MP1C	Mx	.000265	2
34	MP1C	X	2.284	4
35	MP1C	Z	-3.956	4
36	MP1C	Mx	.000265	4
37	MP3A	X	.574	4
38	MP3A	Z	-.994	4
39	MP3A	Mx	.00052	4
40	MP3B	X	.647	4
41	MP3B	Z	-1.12	4
42	MP3B	Mx	-.00053	4
43	MP3C	X	.969	4
44	MP3C	Z	-1.678	4
45	MP3C	Mx	-8.5e-5	4
46	MP2A	X	1.327	2
47	MP2A	Z	-2.299	2
48	MP2A	Mx	.001	2
49	MP2B	X	1.417	2
50	MP2B	Z	-2.455	2
51	MP2B	Mx	-.001	2
52	MP2C	X	1.814	2
53	MP2C	Z	-3.142	2
54	MP2C	Mx	-.000158	2
55	MP3A	X	1.228	2
56	MP3A	Z	-2.128	2
57	MP3A	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	1.336	2
59	MP3B	Z	-2.315	2
60	MP3B	Mx	-.001	2
61	MP3C	X	1.813	2
62	MP3C	Z	-3.14	2
63	MP3C	Mx	-.000158	2
64	OVP	X	2.662	1
65	OVP	Z	-4.611	1
66	OVP	Mx	-.002	1
67	MP4A	X	2.88	1
68	MP4A	Z	-4.988	1
69	MP4A	Mx	-.003	1
70	MP4A	X	2.88	5
71	MP4A	Z	-4.988	5
72	MP4A	Mx	-.003	5
73	MP4B	X	3.083	1
74	MP4B	Z	-5.34	1
75	MP4B	Mx	.003	1
76	MP4B	X	3.083	5
77	MP4B	Z	-5.34	5
78	MP4B	Mx	.003	5
79	MP4C	X	3.978	1
80	MP4C	Z	-6.89	1
81	MP4C	Mx	.000462	1
82	MP4C	X	3.978	5
83	MP4C	Z	-6.89	5
84	MP4C	Mx	.000462	5
85	MP2A	X	2.844	1
86	MP2A	Z	-4.926	1
87	MP2A	Mx	-.005	1
88	MP2A	X	2.844	5
89	MP2A	Z	-4.926	5
90	MP2A	Mx	-.005	5
91	MP2B	X	3.043	1
92	MP2B	Z	-5.27	1
93	MP2B	Mx	.002	1
94	MP2B	X	3.043	5
95	MP2B	Z	-5.27	5
96	MP2B	Mx	.002	5
97	MP2C	X	3.043	1
98	MP2C	Z	-5.27	1
99	MP2C	Mx	.002	1
100	MP2C	X	3.043	5
101	MP2C	Z	-5.27	5
102	MP2C	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.534	1
2	MP2A	Z	-2.618	1
3	MP2A	Mx	-.004	1
4	MP2A	X	4.534	5
5	MP2A	Z	-2.618	5
6	MP2A	Mx	-.004	5
7	MP2B	X	6.419	1
8	MP2B	Z	-3.706	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.005	1
10	MP2B	X	6.419	5
11	MP2B	Z	-3.706	5
12	MP2B	Mx	.005	5
13	MP2C	X	6.07	1
14	MP2C	Z	-3.505	1
15	MP2C	Mx	-.000191	1
16	MP2C	X	6.07	5
17	MP2C	Z	-3.505	5
18	MP2C	Mx	-.000191	5
19	MP1A	X	1.574	2
20	MP1A	Z	-.909	2
21	MP1A	Mx	-.001	2
22	MP1A	X	1.574	4
23	MP1A	Z	-.909	4
24	MP1A	Mx	-.001	4
25	MP1B	X	3.542	2
26	MP1B	Z	-2.045	2
27	MP1B	Mx	.001	2
28	MP1B	X	3.542	4
29	MP1B	Z	-2.045	4
30	MP1B	Mx	.001	4
31	MP1C	X	3.179	2
32	MP1C	Z	-1.835	2
33	MP1C	Mx	.001	2
34	MP1C	X	3.179	4
35	MP1C	Z	-1.835	4
36	MP1C	Mx	.001	4
37	MP3A	X	.85	4
38	MP3A	Z	-.491	4
39	MP3A	Mx	.000489	4
40	MP3B	X	1.534	4
41	MP3B	Z	-.886	4
42	MP3B	Mx	-.000374	4
43	MP3C	X	1.408	4
44	MP3C	Z	-.813	4
45	MP3C	Mx	-.000466	4
46	MP2A	X	2.122	2
47	MP2A	Z	-1.225	2
48	MP2A	Mx	.001	2
49	MP2B	X	2.965	2
50	MP2B	Z	-1.712	2
51	MP2B	Mx	-.000724	2
52	MP2C	X	2.809	2
53	MP2C	Z	-1.622	2
54	MP2C	Mx	-.00093	2
55	MP3A	X	1.915	2
56	MP3A	Z	-1.106	2
57	MP3A	Mx	.001	2
58	MP3B	X	2.928	2
59	MP3B	Z	-1.69	2
60	MP3B	Mx	-.000714	2
61	MP3C	X	2.74	2
62	MP3C	Z	-1.582	2
63	MP3C	Mx	-.000907	2
64	OVP	X	4.242	1
65	OVP	Z	-2.449	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	OVP	Mx	-.002	1
67	MP4A	X	4.588	1
68	MP4A	Z	-2.649	1
69	MP4A	Mx	-.004	1
70	MP4A	X	4.588	5
71	MP4A	Z	-2.649	5
72	MP4A	Mx	-.004	5
73	MP4B	X	6.491	1
74	MP4B	Z	-3.747	1
75	MP4B	Mx	.002	1
76	MP4B	X	6.491	5
77	MP4B	Z	-3.747	5
78	MP4B	Mx	.002	5
79	MP4C	X	6.139	1
80	MP4C	Z	-3.544	1
81	MP4C	Mx	.003	1
82	MP4C	X	6.139	5
83	MP4C	Z	-3.544	5
84	MP4C	Mx	.003	5
85	MP2A	X	4.534	1
86	MP2A	Z	-2.618	1
87	MP2A	Mx	-.003	1
88	MP2A	X	4.534	5
89	MP2A	Z	-2.618	5
90	MP2A	Mx	-.003	5
91	MP2B	X	6.398	1
92	MP2B	Z	-3.694	1
93	MP2B	Mx	-.001	1
94	MP2B	X	6.398	5
95	MP2B	Z	-3.694	5
96	MP2B	Mx	-.001	5
97	MP2C	X	6.398	1
98	MP2C	Z	-3.694	1
99	MP2C	Mx	-.001	1
100	MP2C	X	6.398	5
101	MP2C	Z	-3.694	5
102	MP2C	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.095	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.005	1
4	MP2A	X	6.095	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.005	5
7	MP2B	X	7.869	1
8	MP2B	Z	0	1
9	MP2B	Mx	.003	1
10	MP2B	X	7.869	5
11	MP2B	Z	0	5
12	MP2B	Mx	.003	5
13	MP2C	X	5.693	1
14	MP2C	Z	0	1
15	MP2C	Mx	.002	1
16	MP2C	X	5.693	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	0	5
18	MP2C	Mx	.002	5
19	MP1A	X	2.715	2
20	MP1A	Z	0	2
21	MP1A	Mx	-.001	2
22	MP1A	X	2.715	4
23	MP1A	Z	0	4
24	MP1A	Mx	-.001	4
25	MP1B	X	4.568	2
26	MP1B	Z	0	2
27	MP1B	Mx	-.000265	2
28	MP1B	X	4.568	4
29	MP1B	Z	0	4
30	MP1B	Mx	-.000265	4
31	MP1C	X	2.295	2
32	MP1C	Z	0	2
33	MP1C	Mx	.001	2
34	MP1C	X	2.295	4
35	MP1C	Z	0	4
36	MP1C	Mx	.001	4
37	MP3A	X	1.294	4
38	MP3A	Z	0	4
39	MP3A	Mx	.00053	4
40	MP3B	X	1.938	4
41	MP3B	Z	0	4
42	MP3B	Mx	8.4e-5	4
43	MP3C	X	1.148	4
44	MP3C	Z	0	4
45	MP3C	Mx	-.00052	4
46	MP2A	X	2.834	2
47	MP2A	Z	0	2
48	MP2A	Mx	.001	2
49	MP2B	X	3.628	2
50	MP2B	Z	0	2
51	MP2B	Mx	.000158	2
52	MP2C	X	2.655	2
53	MP2C	Z	0	2
54	MP2C	Mx	-.001	2
55	MP3A	X	2.673	2
56	MP3A	Z	0	2
57	MP3A	Mx	.001	2
58	MP3B	X	3.626	2
59	MP3B	Z	0	2
60	MP3B	Mx	.000158	2
61	MP3C	X	2.457	2
62	MP3C	Z	0	2
63	MP3C	Mx	-.001	2
64	OVP	X	5.699	1
65	OVP	Z	0	1
66	OVP	Mx	-.002	1
67	MP4A	X	6.166	1
68	MP4A	Z	0	1
69	MP4A	Mx	-.003	1
70	MP4A	X	6.166	5
71	MP4A	Z	0	5
72	MP4A	Mx	-.003	5
73	MP4B	X	7.956	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	0	1
75	MP4B	Mx	-.000462	1
76	MP4B	X	7.956	5
77	MP4B	Z	0	5
78	MP4B	Mx	-.000462	5
79	MP4C	X	5.76	1
80	MP4C	Z	0	1
81	MP4C	Mx	.003	1
82	MP4C	X	5.76	5
83	MP4C	Z	0	5
84	MP4C	Mx	.003	5
85	MP2A	X	6.085	1
86	MP2A	Z	0	1
87	MP2A	Mx	-.002	1
88	MP2A	X	6.085	5
89	MP2A	Z	0	5
90	MP2A	Mx	-.002	5
91	MP2B	X	7.84	1
92	MP2B	Z	0	1
93	MP2B	Mx	-.004	1
94	MP2B	X	7.84	5
95	MP2B	Z	0	5
96	MP2B	Mx	-.004	5
97	MP2C	X	7.84	1
98	MP2C	Z	0	1
99	MP2C	Mx	-.004	1
100	MP2C	X	7.84	5
101	MP2C	Z	0	5
102	MP2C	Mx	-.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.419	1
2	MP2A	Z	3.706	1
3	MP2A	Mx	-.005	1
4	MP2A	X	6.419	5
5	MP2A	Z	3.706	5
6	MP2A	Mx	-.005	5
7	MP2B	X	6.07	1
8	MP2B	Z	3.505	1
9	MP2B	Mx	.00019	1
10	MP2B	X	6.07	5
11	MP2B	Z	3.505	5
12	MP2B	Mx	.00019	5
13	MP2C	X	4.534	1
14	MP2C	Z	2.618	1
15	MP2C	Mx	.004	1
16	MP2C	X	4.534	5
17	MP2C	Z	2.618	5
18	MP2C	Mx	.004	5
19	MP1A	X	3.542	2
20	MP1A	Z	2.045	2
21	MP1A	Mx	-.001	2
22	MP1A	X	3.542	4
23	MP1A	Z	2.045	4
24	MP1A	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	3.179	2
26	MP1B	Z	1.835	2
27	MP1B	Mx	-.001	2
28	MP1B	X	3.179	4
29	MP1B	Z	1.835	4
30	MP1B	Mx	-.001	4
31	MP1C	X	1.574	2
32	MP1C	Z	.909	2
33	MP1C	Mx	.001	2
34	MP1C	X	1.574	4
35	MP1C	Z	.909	4
36	MP1C	Mx	.001	4
37	MP3A	X	1.534	4
38	MP3A	Z	.886	4
39	MP3A	Mx	.000374	4
40	MP3B	X	1.408	4
41	MP3B	Z	.813	4
42	MP3B	Mx	.000466	4
43	MP3C	X	.85	4
44	MP3C	Z	.491	4
45	MP3C	Mx	-.000489	4
46	MP2A	X	2.965	2
47	MP2A	Z	1.712	2
48	MP2A	Mx	.000723	2
49	MP2B	X	2.809	2
50	MP2B	Z	1.622	2
51	MP2B	Mx	.00093	2
52	MP2C	X	2.122	2
53	MP2C	Z	1.225	2
54	MP2C	Mx	-.001	2
55	MP3A	X	2.928	2
56	MP3A	Z	1.69	2
57	MP3A	Mx	.000715	2
58	MP3B	X	2.74	2
59	MP3B	Z	1.582	2
60	MP3B	Mx	.000907	2
61	MP3C	X	1.915	2
62	MP3C	Z	1.106	2
63	MP3C	Mx	-.001	2
64	OVP	X	5.998	1
65	OVP	Z	3.463	1
66	OVP	Mx	-.001	1
67	MP4A	X	6.491	1
68	MP4A	Z	3.747	1
69	MP4A	Mx	-.002	1
70	MP4A	X	6.491	5
71	MP4A	Z	3.747	5
72	MP4A	Mx	-.002	5
73	MP4B	X	6.139	1
74	MP4B	Z	3.544	1
75	MP4B	Mx	-.003	1
76	MP4B	X	6.139	5
77	MP4B	Z	3.544	5
78	MP4B	Mx	-.003	5
79	MP4C	X	4.588	1
80	MP4C	Z	2.649	1
81	MP4C	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	4.588	5
83	MP4C	Z	2.649	5
84	MP4C	Mx	.004	5
85	MP2A	X	6.398	1
86	MP2A	Z	3.694	1
87	MP2A	Mx	.001	1
88	MP2A	X	6.398	5
89	MP2A	Z	3.694	5
90	MP2A	Mx	.001	5
91	MP2B	X	6.053	1
92	MP2B	Z	3.495	1
93	MP2B	Mx	-.006	1
94	MP2B	X	6.053	5
95	MP2B	Z	3.495	5
96	MP2B	Mx	-.006	5
97	MP2C	X	6.053	1
98	MP2C	Z	3.495	1
99	MP2C	Mx	-.006	1
100	MP2C	X	6.053	5
101	MP2C	Z	3.495	5
102	MP2C	Mx	-.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.934	1
2	MP2A	Z	6.814	1
3	MP2A	Mx	-.003	1
4	MP2A	X	3.934	5
5	MP2A	Z	6.814	5
6	MP2A	Mx	-.003	5
7	MP2B	X	2.846	1
8	MP2B	Z	4.93	1
9	MP2B	Mx	-.002	1
10	MP2B	X	2.846	5
11	MP2B	Z	4.93	5
12	MP2B	Mx	-.002	5
13	MP2C	X	3.047	1
14	MP2C	Z	5.278	1
15	MP2C	Mx	.005	1
16	MP2C	X	3.047	5
17	MP2C	Z	5.278	5
18	MP2C	Mx	.005	5
19	MP1A	X	2.284	2
20	MP1A	Z	3.956	2
21	MP1A	Mx	.000265	2
22	MP1A	X	2.284	4
23	MP1A	Z	3.956	4
24	MP1A	Mx	.000265	4
25	MP1B	X	1.148	2
26	MP1B	Z	1.988	2
27	MP1B	Mx	-.001	2
28	MP1B	X	1.148	4
29	MP1B	Z	1.988	4
30	MP1B	Mx	-.001	4
31	MP1C	X	1.358	2
32	MP1C	Z	2.351	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	.001	2
34	MP1C	X	1.358	4
35	MP1C	Z	2.351	4
36	MP1C	Mx	.001	4
37	MP3A	X	.969	4
38	MP3A	Z	1.678	4
39	MP3A	Mx	-8.4e-5	4
40	MP3B	X	.574	4
41	MP3B	Z	.994	4
42	MP3B	Mx	.00052	4
43	MP3C	X	.647	4
44	MP3C	Z	1.12	4
45	MP3C	Mx	-.00053	4
46	MP2A	X	1.814	2
47	MP2A	Z	3.142	2
48	MP2A	Mx	-.000158	2
49	MP2B	X	1.327	2
50	MP2B	Z	2.299	2
51	MP2B	Mx	.001	2
52	MP2C	X	1.417	2
53	MP2C	Z	2.455	2
54	MP2C	Mx	-.001	2
55	MP3A	X	1.813	2
56	MP3A	Z	3.14	2
57	MP3A	Mx	-.000158	2
58	MP3B	X	1.228	2
59	MP3B	Z	2.128	2
60	MP3B	Mx	.001	2
61	MP3C	X	1.336	2
62	MP3C	Z	2.315	2
63	MP3C	Mx	-.001	2
64	OVP	X	3.676	1
65	OVP	Z	6.367	1
66	OVP	Mx	.00032	1
67	MP4A	X	3.978	1
68	MP4A	Z	6.89	1
69	MP4A	Mx	.000462	1
70	MP4A	X	3.978	5
71	MP4A	Z	6.89	5
72	MP4A	Mx	.000462	5
73	MP4B	X	2.88	1
74	MP4B	Z	4.988	1
75	MP4B	Mx	-.003	1
76	MP4B	X	2.88	5
77	MP4B	Z	4.988	5
78	MP4B	Mx	-.003	5
79	MP4C	X	3.083	1
80	MP4C	Z	5.34	1
81	MP4C	Mx	.003	1
82	MP4C	X	3.083	5
83	MP4C	Z	5.34	5
84	MP4C	Mx	.003	5
85	MP2A	X	3.92	1
86	MP2A	Z	6.789	1
87	MP2A	Mx	.004	1
88	MP2A	X	3.92	5
89	MP2A	Z	6.789	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP2A	Mx	.004	5
91	MP2B	X	2.844	1
92	MP2B	Z	4.926	1
93	MP2B	Mx	-.005	1
94	MP2B	X	2.844	5
95	MP2B	Z	4.926	5
96	MP2B	Mx	-.005	5
97	MP2C	X	2.844	1
98	MP2C	Z	4.926	1
99	MP2C	Mx	-.005	1
100	MP2C	X	2.844	5
101	MP2C	Z	4.926	5
102	MP2C	Mx	-.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	7.009	1
3	MP2A	Mx	-.000191	1
4	MP2A	X	0	5
5	MP2A	Z	7.009	5
6	MP2A	Mx	-.000191	5
7	MP2B	X	0	1
8	MP2B	Z	5.236	1
9	MP2B	Mx	-.004	1
10	MP2B	X	0	5
11	MP2B	Z	5.236	5
12	MP2B	Mx	-.004	5
13	MP2C	X	0	1
14	MP2C	Z	7.411	1
15	MP2C	Mx	.005	1
16	MP2C	X	0	5
17	MP2C	Z	7.411	5
18	MP2C	Mx	.005	5
19	MP1A	X	0	2
20	MP1A	Z	3.67	2
21	MP1A	Mx	.001	2
22	MP1A	X	0	4
23	MP1A	Z	3.67	4
24	MP1A	Mx	.001	4
25	MP1B	X	0	2
26	MP1B	Z	1.818	2
27	MP1B	Mx	-.001	2
28	MP1B	X	0	4
29	MP1B	Z	1.818	4
30	MP1B	Mx	-.001	4
31	MP1C	X	0	2
32	MP1C	Z	4.09	2
33	MP1C	Mx	.001	2
34	MP1C	X	0	4
35	MP1C	Z	4.09	4
36	MP1C	Mx	.001	4
37	MP3A	X	0	4
38	MP3A	Z	1.626	4
39	MP3A	Mx	-.000466	4
40	MP3B	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	.982	4
42	MP3B	Mx	.000489	4
43	MP3C	X	0	4
44	MP3C	Z	1.772	4
45	MP3C	Mx	-.000374	4
46	MP2A	X	0	2
47	MP2A	Z	3.244	2
48	MP2A	Mx	-.00093	2
49	MP2B	X	0	2
50	MP2B	Z	2.45	2
51	MP2B	Mx	.001	2
52	MP2C	X	0	2
53	MP2C	Z	3.423	2
54	MP2C	Mx	-.000723	2
55	MP3A	X	0	2
56	MP3A	Z	3.164	2
57	MP3A	Mx	-.000907	2
58	MP3B	X	0	2
59	MP3B	Z	2.211	2
60	MP3B	Mx	.001	2
61	MP3C	X	0	2
62	MP3C	Z	3.38	2
63	MP3C	Mx	-.000714	2
64	OVP	X	0	1
65	OVP	Z	6.552	1
66	OVP	Mx	.002	1
67	MP4A	X	0	1
68	MP4A	Z	7.089	1
69	MP4A	Mx	.003	1
70	MP4A	X	0	5
71	MP4A	Z	7.089	5
72	MP4A	Mx	.003	5
73	MP4B	X	0	1
74	MP4B	Z	5.298	1
75	MP4B	Mx	-.004	1
76	MP4B	X	0	5
77	MP4B	Z	5.298	5
78	MP4B	Mx	-.004	5
79	MP4C	X	0	1
80	MP4C	Z	7.495	1
81	MP4C	Mx	.002	1
82	MP4C	X	0	5
83	MP4C	Z	7.495	5
84	MP4C	Mx	.002	5
85	MP2A	X	0	1
86	MP2A	Z	6.99	1
87	MP2A	Mx	.006	1
88	MP2A	X	0	5
89	MP2A	Z	6.99	5
90	MP2A	Mx	.006	5
91	MP2B	X	0	1
92	MP2B	Z	5.235	1
93	MP2B	Mx	-.003	1
94	MP2B	X	0	5
95	MP2B	Z	5.235	5
96	MP2B	Mx	-.003	5
97	MP2C	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	5.235	1
99	MP2C	Mx	-.003	1
100	MP2C	X	0	5
101	MP2C	Z	5.235	5
102	MP2C	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.846	1
2	MP2A	Z	4.93	1
3	MP2A	Mx	.002	1
4	MP2A	X	-2.846	5
5	MP2A	Z	4.93	5
6	MP2A	Mx	.002	5
7	MP2B	X	-3.047	1
8	MP2B	Z	5.278	1
9	MP2B	Mx	-.005	1
10	MP2B	X	-3.047	5
11	MP2B	Z	5.278	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-3.934	1
14	MP2C	Z	6.814	1
15	MP2C	Mx	.003	1
16	MP2C	X	-3.934	5
17	MP2C	Z	6.814	5
18	MP2C	Mx	.003	5
19	MP1A	X	-1.148	2
20	MP1A	Z	1.988	2
21	MP1A	Mx	.001	2
22	MP1A	X	-1.148	4
23	MP1A	Z	1.988	4
24	MP1A	Mx	.001	4
25	MP1B	X	-1.358	2
26	MP1B	Z	2.351	2
27	MP1B	Mx	-.001	2
28	MP1B	X	-1.358	4
29	MP1B	Z	2.351	4
30	MP1B	Mx	-.001	4
31	MP1C	X	-2.284	2
32	MP1C	Z	3.956	2
33	MP1C	Mx	-.000265	2
34	MP1C	X	-2.284	4
35	MP1C	Z	3.956	4
36	MP1C	Mx	-.000265	4
37	MP3A	X	-.574	4
38	MP3A	Z	.994	4
39	MP3A	Mx	-.00052	4
40	MP3B	X	-.647	4
41	MP3B	Z	1.12	4
42	MP3B	Mx	.00053	4
43	MP3C	X	-.969	4
44	MP3C	Z	1.678	4
45	MP3C	Mx	8.5e-5	4
46	MP2A	X	-1.327	2
47	MP2A	Z	2.299	2
48	MP2A	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2B	X	-1.417	2
50	MP2B	Z	2.455	2
51	MP2B	Mx	.001	2
52	MP2C	X	-1.814	2
53	MP2C	Z	3.142	2
54	MP2C	Mx	.000158	2
55	MP3A	X	-1.228	2
56	MP3A	Z	2.128	2
57	MP3A	Mx	-.001	2
58	MP3B	X	-1.336	2
59	MP3B	Z	2.315	2
60	MP3B	Mx	.001	2
61	MP3C	X	-1.813	2
62	MP3C	Z	3.14	2
63	MP3C	Mx	.000158	2
64	OVP	X	-2.662	1
65	OVP	Z	4.611	1
66	OVP	Mx	.002	1
67	MP4A	X	-2.88	1
68	MP4A	Z	4.988	1
69	MP4A	Mx	.003	1
70	MP4A	X	-2.88	5
71	MP4A	Z	4.988	5
72	MP4A	Mx	.003	5
73	MP4B	X	-3.083	1
74	MP4B	Z	5.34	1
75	MP4B	Mx	-.003	1
76	MP4B	X	-3.083	5
77	MP4B	Z	5.34	5
78	MP4B	Mx	-.003	5
79	MP4C	X	-3.978	1
80	MP4C	Z	6.89	1
81	MP4C	Mx	-.000462	1
82	MP4C	X	-3.978	5
83	MP4C	Z	6.89	5
84	MP4C	Mx	-.000462	5
85	MP2A	X	-2.844	1
86	MP2A	Z	4.926	1
87	MP2A	Mx	.005	1
88	MP2A	X	-2.844	5
89	MP2A	Z	4.926	5
90	MP2A	Mx	.005	5
91	MP2B	X	-3.043	1
92	MP2B	Z	5.27	1
93	MP2B	Mx	-.002	1
94	MP2B	X	-3.043	5
95	MP2B	Z	5.27	5
96	MP2B	Mx	-.002	5
97	MP2C	X	-3.043	1
98	MP2C	Z	5.27	1
99	MP2C	Mx	-.002	1
100	MP2C	X	-3.043	5
101	MP2C	Z	5.27	5
102	MP2C	Mx	-.002	5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.534	1
2	MP2A	Z	2.618	1
3	MP2A	Mx	.004	1
4	MP2A	X	-4.534	5
5	MP2A	Z	2.618	5
6	MP2A	Mx	.004	5
7	MP2B	X	-6.419	1
8	MP2B	Z	3.706	1
9	MP2B	Mx	-.005	1
10	MP2B	X	-6.419	5
11	MP2B	Z	3.706	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-6.07	1
14	MP2C	Z	3.505	1
15	MP2C	Mx	.000191	1
16	MP2C	X	-6.07	5
17	MP2C	Z	3.505	5
18	MP2C	Mx	.000191	5
19	MP1A	X	-1.574	2
20	MP1A	Z	.909	2
21	MP1A	Mx	.001	2
22	MP1A	X	-1.574	4
23	MP1A	Z	.909	4
24	MP1A	Mx	.001	4
25	MP1B	X	-3.542	2
26	MP1B	Z	2.045	2
27	MP1B	Mx	-.001	2
28	MP1B	X	-3.542	4
29	MP1B	Z	2.045	4
30	MP1B	Mx	-.001	4
31	MP1C	X	-3.179	2
32	MP1C	Z	1.835	2
33	MP1C	Mx	-.001	2
34	MP1C	X	-3.179	4
35	MP1C	Z	1.835	4
36	MP1C	Mx	-.001	4
37	MP3A	X	-.85	4
38	MP3A	Z	.491	4
39	MP3A	Mx	-.000489	4
40	MP3B	X	-1.534	4
41	MP3B	Z	.886	4
42	MP3B	Mx	.000374	4
43	MP3C	X	-1.408	4
44	MP3C	Z	.813	4
45	MP3C	Mx	.000466	4
46	MP2A	X	-2.122	2
47	MP2A	Z	1.225	2
48	MP2A	Mx	-.001	2
49	MP2B	X	-2.965	2
50	MP2B	Z	1.712	2
51	MP2B	Mx	.000724	2
52	MP2C	X	-2.809	2
53	MP2C	Z	1.622	2
54	MP2C	Mx	.00093	2
55	MP3A	X	-1.915	2
56	MP3A	Z	1.106	2
57	MP3A	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-2.928	2
59	MP3B	Z	1.69	2
60	MP3B	Mx	.000714	2
61	MP3C	X	-2.74	2
62	MP3C	Z	1.582	2
63	MP3C	Mx	.000907	2
64	OVP	X	-4.242	1
65	OVP	Z	2.449	1
66	OVP	Mx	.002	1
67	MP4A	X	-4.588	1
68	MP4A	Z	2.649	1
69	MP4A	Mx	.004	1
70	MP4A	X	-4.588	5
71	MP4A	Z	2.649	5
72	MP4A	Mx	.004	5
73	MP4B	X	-6.491	1
74	MP4B	Z	3.747	1
75	MP4B	Mx	-.002	1
76	MP4B	X	-6.491	5
77	MP4B	Z	3.747	5
78	MP4B	Mx	-.002	5
79	MP4C	X	-6.139	1
80	MP4C	Z	3.544	1
81	MP4C	Mx	-.003	1
82	MP4C	X	-6.139	5
83	MP4C	Z	3.544	5
84	MP4C	Mx	-.003	5
85	MP2A	X	-4.534	1
86	MP2A	Z	2.618	1
87	MP2A	Mx	.003	1
88	MP2A	X	-4.534	5
89	MP2A	Z	2.618	5
90	MP2A	Mx	.003	5
91	MP2B	X	-6.398	1
92	MP2B	Z	3.694	1
93	MP2B	Mx	.001	1
94	MP2B	X	-6.398	5
95	MP2B	Z	3.694	5
96	MP2B	Mx	.001	5
97	MP2C	X	-6.398	1
98	MP2C	Z	3.694	1
99	MP2C	Mx	.001	1
100	MP2C	X	-6.398	5
101	MP2C	Z	3.694	5
102	MP2C	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.095	1
2	MP2A	Z	0	1
3	MP2A	Mx	.005	1
4	MP2A	X	-6.095	5
5	MP2A	Z	0	5
6	MP2A	Mx	.005	5
7	MP2B	X	-7.869	1
8	MP2B	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.003	1
10	MP2B	X	-7.869	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.003	5
13	MP2C	X	-5.693	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.002	1
16	MP2C	X	-5.693	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.002	5
19	MP1A	X	-2.715	2
20	MP1A	Z	0	2
21	MP1A	Mx	.001	2
22	MP1A	X	-2.715	4
23	MP1A	Z	0	4
24	MP1A	Mx	.001	4
25	MP1B	X	-4.568	2
26	MP1B	Z	0	2
27	MP1B	Mx	.000265	2
28	MP1B	X	-4.568	4
29	MP1B	Z	0	4
30	MP1B	Mx	.000265	4
31	MP1C	X	-2.295	2
32	MP1C	Z	0	2
33	MP1C	Mx	-.001	2
34	MP1C	X	-2.295	4
35	MP1C	Z	0	4
36	MP1C	Mx	-.001	4
37	MP3A	X	-1.294	4
38	MP3A	Z	0	4
39	MP3A	Mx	-.00053	4
40	MP3B	X	-1.938	4
41	MP3B	Z	0	4
42	MP3B	Mx	-8.4e-5	4
43	MP3C	X	-1.148	4
44	MP3C	Z	0	4
45	MP3C	Mx	.00052	4
46	MP2A	X	-2.834	2
47	MP2A	Z	0	2
48	MP2A	Mx	-.001	2
49	MP2B	X	-3.628	2
50	MP2B	Z	0	2
51	MP2B	Mx	-.000158	2
52	MP2C	X	-2.655	2
53	MP2C	Z	0	2
54	MP2C	Mx	.001	2
55	MP3A	X	-2.673	2
56	MP3A	Z	0	2
57	MP3A	Mx	-.001	2
58	MP3B	X	-3.626	2
59	MP3B	Z	0	2
60	MP3B	Mx	-.000158	2
61	MP3C	X	-2.457	2
62	MP3C	Z	0	2
63	MP3C	Mx	.001	2
64	OVP	X	-5.699	1
65	OVP	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	OVP	Mx	.002	1
67	MP4A	X	-6.166	1
68	MP4A	Z	0	1
69	MP4A	Mx	.003	1
70	MP4A	X	-6.166	5
71	MP4A	Z	0	5
72	MP4A	Mx	.003	5
73	MP4B	X	-7.956	1
74	MP4B	Z	0	1
75	MP4B	Mx	.000462	1
76	MP4B	X	-7.956	5
77	MP4B	Z	0	5
78	MP4B	Mx	.000462	5
79	MP4C	X	-5.76	1
80	MP4C	Z	0	1
81	MP4C	Mx	-.003	1
82	MP4C	X	-5.76	5
83	MP4C	Z	0	5
84	MP4C	Mx	-.003	5
85	MP2A	X	-6.085	1
86	MP2A	Z	0	1
87	MP2A	Mx	.002	1
88	MP2A	X	-6.085	5
89	MP2A	Z	0	5
90	MP2A	Mx	.002	5
91	MP2B	X	-7.84	1
92	MP2B	Z	0	1
93	MP2B	Mx	.004	1
94	MP2B	X	-7.84	5
95	MP2B	Z	0	5
96	MP2B	Mx	.004	5
97	MP2C	X	-7.84	1
98	MP2C	Z	0	1
99	MP2C	Mx	.004	1
100	MP2C	X	-7.84	5
101	MP2C	Z	0	5
102	MP2C	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.419	1
2	MP2A	Z	-3.706	1
3	MP2A	Mx	.005	1
4	MP2A	X	-6.419	5
5	MP2A	Z	-3.706	5
6	MP2A	Mx	.005	5
7	MP2B	X	-6.07	1
8	MP2B	Z	-3.505	1
9	MP2B	Mx	-.00019	1
10	MP2B	X	-6.07	5
11	MP2B	Z	-3.505	5
12	MP2B	Mx	-.00019	5
13	MP2C	X	-4.534	1
14	MP2C	Z	-2.618	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-4.534	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-2.618	5
18	MP2C	Mx	-.004	5
19	MP1A	X	-3.542	2
20	MP1A	Z	-2.045	2
21	MP1A	Mx	.001	2
22	MP1A	X	-3.542	4
23	MP1A	Z	-2.045	4
24	MP1A	Mx	.001	4
25	MP1B	X	-3.179	2
26	MP1B	Z	-1.835	2
27	MP1B	Mx	.001	2
28	MP1B	X	-3.179	4
29	MP1B	Z	-1.835	4
30	MP1B	Mx	.001	4
31	MP1C	X	-1.574	2
32	MP1C	Z	-.909	2
33	MP1C	Mx	-.001	2
34	MP1C	X	-1.574	4
35	MP1C	Z	-.909	4
36	MP1C	Mx	-.001	4
37	MP3A	X	-1.534	4
38	MP3A	Z	-.886	4
39	MP3A	Mx	-.000374	4
40	MP3B	X	-1.408	4
41	MP3B	Z	-.813	4
42	MP3B	Mx	-.000466	4
43	MP3C	X	-.85	4
44	MP3C	Z	-.491	4
45	MP3C	Mx	.000489	4
46	MP2A	X	-2.965	2
47	MP2A	Z	-1.712	2
48	MP2A	Mx	-.000723	2
49	MP2B	X	-2.809	2
50	MP2B	Z	-1.622	2
51	MP2B	Mx	-.00093	2
52	MP2C	X	-2.122	2
53	MP2C	Z	-1.225	2
54	MP2C	Mx	.001	2
55	MP3A	X	-2.928	2
56	MP3A	Z	-1.69	2
57	MP3A	Mx	-.000715	2
58	MP3B	X	-2.74	2
59	MP3B	Z	-1.582	2
60	MP3B	Mx	-.000907	2
61	MP3C	X	-1.915	2
62	MP3C	Z	-1.106	2
63	MP3C	Mx	.001	2
64	OVP	X	-5.998	1
65	OVP	Z	-3.463	1
66	OVP	Mx	.001	1
67	MP4A	X	-6.491	1
68	MP4A	Z	-3.747	1
69	MP4A	Mx	.002	1
70	MP4A	X	-6.491	5
71	MP4A	Z	-3.747	5
72	MP4A	Mx	.002	5
73	MP4B	X	-6.139	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	-3.544	1
75	MP4B	Mx	.003	1
76	MP4B	X	-6.139	5
77	MP4B	Z	-3.544	5
78	MP4B	Mx	.003	5
79	MP4C	X	-4.588	1
80	MP4C	Z	-2.649	1
81	MP4C	Mx	-.004	1
82	MP4C	X	-4.588	5
83	MP4C	Z	-2.649	5
84	MP4C	Mx	-.004	5
85	MP2A	X	-6.398	1
86	MP2A	Z	-3.694	1
87	MP2A	Mx	-.001	1
88	MP2A	X	-6.398	5
89	MP2A	Z	-3.694	5
90	MP2A	Mx	-.001	5
91	MP2B	X	-6.053	1
92	MP2B	Z	-3.495	1
93	MP2B	Mx	.006	1
94	MP2B	X	-6.053	5
95	MP2B	Z	-3.495	5
96	MP2B	Mx	.006	5
97	MP2C	X	-6.053	1
98	MP2C	Z	-3.495	1
99	MP2C	Mx	.006	1
100	MP2C	X	-6.053	5
101	MP2C	Z	-3.495	5
102	MP2C	Mx	.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.934	1
2	MP2A	Z	-6.814	1
3	MP2A	Mx	.003	1
4	MP2A	X	-3.934	5
5	MP2A	Z	-6.814	5
6	MP2A	Mx	.003	5
7	MP2B	X	-2.846	1
8	MP2B	Z	-4.93	1
9	MP2B	Mx	.002	1
10	MP2B	X	-2.846	5
11	MP2B	Z	-4.93	5
12	MP2B	Mx	.002	5
13	MP2C	X	-3.047	1
14	MP2C	Z	-5.278	1
15	MP2C	Mx	-.005	1
16	MP2C	X	-3.047	5
17	MP2C	Z	-5.278	5
18	MP2C	Mx	-.005	5
19	MP1A	X	-2.284	2
20	MP1A	Z	-3.956	2
21	MP1A	Mx	-.000265	2
22	MP1A	X	-2.284	4
23	MP1A	Z	-3.956	4
24	MP1A	Mx	-.000265	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	-1.148	2
26	MP1B	Z	-1.988	2
27	MP1B	Mx	.001	2
28	MP1B	X	-1.148	4
29	MP1B	Z	-1.988	4
30	MP1B	Mx	.001	4
31	MP1C	X	-1.358	2
32	MP1C	Z	-2.351	2
33	MP1C	Mx	-.001	2
34	MP1C	X	-1.358	4
35	MP1C	Z	-2.351	4
36	MP1C	Mx	-.001	4
37	MP3A	X	-.969	4
38	MP3A	Z	-1.678	4
39	MP3A	Mx	8.4e-5	4
40	MP3B	X	-.574	4
41	MP3B	Z	-.994	4
42	MP3B	Mx	-.00052	4
43	MP3C	X	-.647	4
44	MP3C	Z	-1.12	4
45	MP3C	Mx	.00053	4
46	MP2A	X	-1.814	2
47	MP2A	Z	-3.142	2
48	MP2A	Mx	.000158	2
49	MP2B	X	-1.327	2
50	MP2B	Z	-2.299	2
51	MP2B	Mx	-.001	2
52	MP2C	X	-1.417	2
53	MP2C	Z	-2.455	2
54	MP2C	Mx	.001	2
55	MP3A	X	-1.813	2
56	MP3A	Z	-3.14	2
57	MP3A	Mx	.000158	2
58	MP3B	X	-1.228	2
59	MP3B	Z	-2.128	2
60	MP3B	Mx	-.001	2
61	MP3C	X	-1.336	2
62	MP3C	Z	-2.315	2
63	MP3C	Mx	.001	2
64	OVP	X	-3.676	1
65	OVP	Z	-6.367	1
66	OVP	Mx	-.00032	1
67	MP4A	X	-3.978	1
68	MP4A	Z	-6.89	1
69	MP4A	Mx	-.000462	1
70	MP4A	X	-3.978	5
71	MP4A	Z	-6.89	5
72	MP4A	Mx	-.000462	5
73	MP4B	X	-2.88	1
74	MP4B	Z	-4.988	1
75	MP4B	Mx	.003	1
76	MP4B	X	-2.88	5
77	MP4B	Z	-4.988	5
78	MP4B	Mx	.003	5
79	MP4C	X	-3.083	1
80	MP4C	Z	-5.34	1
81	MP4C	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	-3.083	5
83	MP4C	Z	-5.34	5
84	MP4C	Mx	-.003	5
85	MP2A	X	-3.92	1
86	MP2A	Z	-6.789	1
87	MP2A	Mx	-.004	1
88	MP2A	X	-3.92	5
89	MP2A	Z	-6.789	5
90	MP2A	Mx	-.004	5
91	MP2B	X	-2.844	1
92	MP2B	Z	-4.926	1
93	MP2B	Mx	.005	1
94	MP2B	X	-2.844	5
95	MP2B	Z	-4.926	5
96	MP2B	Mx	.005	5
97	MP2C	X	-2.844	1
98	MP2C	Z	-4.926	1
99	MP2C	Mx	.005	1
100	MP2C	X	-2.844	5
101	MP2C	Z	-4.926	5
102	MP2C	Mx	.005	5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M21	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.693	-10.693	0	%100
2	M4	Y	-15.139	-15.139	0	%100
3	M10	Y	-15.139	-15.139	0	%100
4	MP3A	Y	-8.374	-8.374	0	%100
5	MP4A	Y	-8.374	-8.374	0	%100
6	MP2A	Y	-9.404	-9.404	0	%100
7	MP1A	Y	-8.374	-8.374	0	%100
8	M43	Y	-15.139	-15.139	0	%100
9	M46	Y	-15.889	-15.889	0	%100
10	M51B	Y	-9.308	-9.308	0	%100
11	M52B	Y	-9.308	-9.308	0	%100
12	M76	Y	-15.87	-15.87	0	%100
13	M77	Y	-15.87	-15.87	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,%]
14	M80	Y	-15.889	-15.889	0	%100
15	M84	Y	-15.87	-15.87	0	%100
16	M85	Y	-15.87	-15.87	0	%100
17	M91	Y	-15.889	-15.889	0	%100
18	M34	Y	-15.139	-15.139	0	%100
19	M35	Y	-15.139	-15.139	0	%100
20	M36	Y	-15.139	-15.139	0	%100
21	M37	Y	-15.889	-15.889	0	%100
22	M40	Y	-9.308	-9.308	0	%100
23	M41	Y	-9.308	-9.308	0	%100
24	M45	Y	-15.87	-15.87	0	%100
25	M46A	Y	-15.87	-15.87	0	%100
26	M48	Y	-15.889	-15.889	0	%100
27	M50A	Y	-15.87	-15.87	0	%100
28	M51C	Y	-15.87	-15.87	0	%100
29	M53	Y	-15.889	-15.889	0	%100
30	M58A	Y	-15.139	-15.139	0	%100
31	M59A	Y	-15.139	-15.139	0	%100
32	M60	Y	-15.139	-15.139	0	%100
33	M61	Y	-15.889	-15.889	0	%100
34	M64	Y	-9.308	-9.308	0	%100
35	M65	Y	-9.308	-9.308	0	%100
36	M69	Y	-15.87	-15.87	0	%100
37	M70	Y	-15.87	-15.87	0	%100
38	M72	Y	-15.889	-15.889	0	%100
39	M74	Y	-15.87	-15.87	0	%100
40	M75	Y	-15.87	-15.87	0	%100
41	M77A	Y	-15.889	-15.889	0	%100
42	M82	Y	-10.693	-10.693	0	%100
43	MP3C	Y	-8.374	-8.374	0	%100
44	MP4C	Y	-8.374	-8.374	0	%100
45	MP2C	Y	-9.404	-9.404	0	%100
46	MP1C	Y	-8.374	-8.374	0	%100
47	M91A	Y	-10.693	-10.693	0	%100
48	MP3B	Y	-8.374	-8.374	0	%100
49	MP4B	Y	-8.374	-8.374	0	%100
50	MP2B	Y	-9.404	-9.404	0	%100
51	MP1B	Y	-8.374	-8.374	0	%100
52	OVP	Y	-8.374	-8.374	0	%100
53	M102	Y	-9.404	-9.404	0	%100
54	M107	Y	-9.404	-9.404	0	%100
55	M112	Y	-9.404	-9.404	0	%100
56	M123	Y	-12.224	-12.224	0	%100
57	M124	Y	-12.224	-12.224	0	%100
58	M125	Y	-12.224	-12.224	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	-10.711	-10.711	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.206	-9.206	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-7.268	-7.268	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,%]
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-7.268	-7.268	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-8.798	-8.798	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-7.268	-7.268	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-9.206	-9.206	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-18.362	-18.362	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.549	-2.549	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.549	-2.549	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-4.675	-4.675	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-4.925	-4.925	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-4.675	-4.675	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-4.925	-4.925	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-8.159	-8.159	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.301	-2.301	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.301	-2.301	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-4.59	-4.59	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-2.549	-2.549	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-10.196	-10.196	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-13.771	-13.771	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-4.675	-4.675	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.925	-4.925	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-13.771	-13.771	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-18.702	-18.702	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-19.698	-19.698	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-8.159	-8.159	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-2.301	-2.301	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.301	-2.301	0	%100
65	M61	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,%]
66	M61	Z	-4.59	-4.59	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-10.196	-10.196	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-2.549	-2.549	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-13.771	-13.771	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-18.702	-18.702	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-19.698	-19.698	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-13.771	-13.771	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-4.675	-4.675	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-4.925	-4.925	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-2.678	-2.678	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-7.268	-7.268	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-7.268	-7.268	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-8.798	-8.798	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-7.268	-7.268	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-2.678	-2.678	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-7.268	-7.268	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-7.268	-7.268	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-8.798	-8.798	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-7.268	-7.268	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	-5.943	-5.943	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-8.798	-8.798	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-2.2	-2.2	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-2.2	-2.2	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-2.877	-2.877	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-11.507	-11.507	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-2.877	-2.877	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	4.017	4.017	0	%100
2	M1	Z	-6.957	-6.957	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,%]
3	M4	X	1.36	1.36	0	%100
4	M4	Z	-2.355	-2.355	0	%100
5	M10	X	3.452	3.452	0	%100
6	M10	Z	-5.979	-5.979	0	%100
7	MP3A	X	3.634	3.634	0	%100
8	MP3A	Z	-6.294	-6.294	0	%100
9	MP4A	X	3.634	3.634	0	%100
10	MP4A	Z	-6.294	-6.294	0	%100
11	MP2A	X	4.399	4.399	0	%100
12	MP2A	Z	-7.62	-7.62	0	%100
13	MP1A	X	3.634	3.634	0	%100
14	MP1A	Z	-6.294	-6.294	0	%100
15	M43	X	3.452	3.452	0	%100
16	M43	Z	-5.979	-5.979	0	%100
17	M46	X	6.886	6.886	0	%100
18	M46	Z	-11.926	-11.926	0	%100
19	M51B	X	3.823	3.823	0	%100
20	M51B	Z	-6.622	-6.622	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.295	2.295	0	%100
24	M76	Z	-3.975	-3.975	0	%100
25	M77	X	7.013	7.013	0	%100
26	M77	Z	-12.147	-12.147	0	%100
27	M80	X	7.387	7.387	0	%100
28	M80	Z	-12.794	-12.794	0	%100
29	M84	X	2.295	2.295	0	%100
30	M84	Z	-3.975	-3.975	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	1.36	1.36	0	%100
36	M34	Z	-2.355	-2.355	0	%100
37	M35	X	3.452	3.452	0	%100
38	M35	Z	-5.979	-5.979	0	%100
39	M36	X	3.452	3.452	0	%100
40	M36	Z	-5.979	-5.979	0	%100
41	M37	X	6.886	6.886	0	%100
42	M37	Z	-11.926	-11.926	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	3.823	3.823	0	%100
46	M41	Z	-6.622	-6.622	0	%100
47	M45	X	2.295	2.295	0	%100
48	M45	Z	-3.975	-3.975	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	2.295	2.295	0	%100
54	M50A	Z	-3.975	-3.975	0	%100
55	M51C	X	7.013	7.013	0	%100
56	M51C	Z	-12.147	-12.147	0	%100
57	M53	X	7.387	7.387	0	%100
58	M53	Z	-12.794	-12.794	0	%100
59	M58A	X	5.44	5.44	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,%]
60	M58A	Z	-9.422	-9.422	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	3.823	3.823	0	%100
68	M64	Z	-6.622	-6.622	0	%100
69	M65	X	3.823	3.823	0	%100
70	M65	Z	-6.622	-6.622	0	%100
71	M69	X	9.181	9.181	0	%100
72	M69	Z	-15.902	-15.902	0	%100
73	M70	X	7.013	7.013	0	%100
74	M70	Z	-12.147	-12.147	0	%100
75	M72	X	7.387	7.387	0	%100
76	M72	Z	-12.794	-12.794	0	%100
77	M74	X	9.181	9.181	0	%100
78	M74	Z	-15.902	-15.902	0	%100
79	M75	X	7.013	7.013	0	%100
80	M75	Z	-12.147	-12.147	0	%100
81	M77A	X	7.387	7.387	0	%100
82	M77A	Z	-12.794	-12.794	0	%100
83	M82	X	4.017	4.017	0	%100
84	M82	Z	-6.957	-6.957	0	%100
85	MP3C	X	3.634	3.634	0	%100
86	MP3C	Z	-6.294	-6.294	0	%100
87	MP4C	X	3.634	3.634	0	%100
88	MP4C	Z	-6.294	-6.294	0	%100
89	MP2C	X	4.399	4.399	0	%100
90	MP2C	Z	-7.62	-7.62	0	%100
91	MP1C	X	3.634	3.634	0	%100
92	MP1C	Z	-6.294	-6.294	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	3.634	3.634	0	%100
96	MP3B	Z	-6.294	-6.294	0	%100
97	MP4B	X	3.634	3.634	0	%100
98	MP4B	Z	-6.294	-6.294	0	%100
99	MP2B	X	4.399	4.399	0	%100
100	MP2B	Z	-7.62	-7.62	0	%100
101	MP1B	X	3.634	3.634	0	%100
102	MP1B	Z	-6.294	-6.294	0	%100
103	OVP	X	2.972	2.972	0	%100
104	OVP	Z	-5.147	-5.147	0	%100
105	M102	X	3.299	3.299	0	%100
106	M102	Z	-5.715	-5.715	0	%100
107	M107	X	3.299	3.299	0	%100
108	M107	Z	-5.715	-5.715	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	4.315	4.315	0	%100
114	M124	Z	-7.474	-7.474	0	%100
115	M125	X	4.315	4.315	0	%100
116	M125	Z	-7.474	-7.474	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	2.319	2.319	0	%100
2	M1	Z	-1.339	-1.339	0	%100
3	M4	X	7.066	7.066	0	%100
4	M4	Z	-4.08	-4.08	0	%100
5	M10	X	1.993	1.993	0	%100
6	M10	Z	-1.151	-1.151	0	%100
7	MP3A	X	6.294	6.294	0	%100
8	MP3A	Z	-3.634	-3.634	0	%100
9	MP4A	X	6.294	6.294	0	%100
10	MP4A	Z	-3.634	-3.634	0	%100
11	MP2A	X	7.62	7.62	0	%100
12	MP2A	Z	-4.399	-4.399	0	%100
13	MP1A	X	6.294	6.294	0	%100
14	MP1A	Z	-3.634	-3.634	0	%100
15	M43	X	1.993	1.993	0	%100
16	M43	Z	-1.151	-1.151	0	%100
17	M46	X	3.975	3.975	0	%100
18	M46	Z	-2.295	-2.295	0	%100
19	M51B	X	8.83	8.83	0	%100
20	M51B	Z	-5.098	-5.098	0	%100
21	M52B	X	2.207	2.207	0	%100
22	M52B	Z	-1.274	-1.274	0	%100
23	M76	X	11.926	11.926	0	%100
24	M76	Z	-6.886	-6.886	0	%100
25	M77	X	16.196	16.196	0	%100
26	M77	Z	-9.351	-9.351	0	%100
27	M80	X	17.059	17.059	0	%100
28	M80	Z	-9.849	-9.849	0	%100
29	M84	X	11.926	11.926	0	%100
30	M84	Z	-6.886	-6.886	0	%100
31	M85	X	4.049	4.049	0	%100
32	M85	Z	-2.338	-2.338	0	%100
33	M91	X	4.265	4.265	0	%100
34	M91	Z	-2.462	-2.462	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.972	7.972	0	%100
38	M35	Z	-4.603	-4.603	0	%100
39	M36	X	7.972	7.972	0	%100
40	M36	Z	-4.603	-4.603	0	%100
41	M37	X	15.902	15.902	0	%100
42	M37	Z	-9.181	-9.181	0	%100
43	M40	X	2.207	2.207	0	%100
44	M40	Z	-1.274	-1.274	0	%100
45	M41	X	2.207	2.207	0	%100
46	M41	Z	-1.274	-1.274	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	4.049	4.049	0	%100
50	M46A	Z	-2.338	-2.338	0	%100
51	M48	X	4.265	4.265	0	%100
52	M48	Z	-2.462	-2.462	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	4.049	4.049	0	%100
56	M51C	Z	-2.338	-2.338	0	%100
57	M53	X	4.265	4.265	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,%]
58	M53	Z	-2.462	-2.462	0	%100
59	M58A	X	7.066	7.066	0	%100
60	M58A	Z	-4.08	-4.08	0	%100
61	M59A	X	1.993	1.993	0	%100
62	M59A	Z	-1.151	-1.151	0	%100
63	M60	X	1.993	1.993	0	%100
64	M60	Z	-1.151	-1.151	0	%100
65	M61	X	3.975	3.975	0	%100
66	M61	Z	-2.295	-2.295	0	%100
67	M64	X	2.207	2.207	0	%100
68	M64	Z	-1.274	-1.274	0	%100
69	M65	X	8.83	8.83	0	%100
70	M65	Z	-5.098	-5.098	0	%100
71	M69	X	11.926	11.926	0	%100
72	M69	Z	-6.886	-6.886	0	%100
73	M70	X	4.049	4.049	0	%100
74	M70	Z	-2.338	-2.338	0	%100
75	M72	X	4.265	4.265	0	%100
76	M72	Z	-2.462	-2.462	0	%100
77	M74	X	11.926	11.926	0	%100
78	M74	Z	-6.886	-6.886	0	%100
79	M75	X	16.196	16.196	0	%100
80	M75	Z	-9.351	-9.351	0	%100
81	M77A	X	17.059	17.059	0	%100
82	M77A	Z	-9.849	-9.849	0	%100
83	M82	X	9.276	9.276	0	%100
84	M82	Z	-5.356	-5.356	0	%100
85	MP3C	X	6.294	6.294	0	%100
86	MP3C	Z	-3.634	-3.634	0	%100
87	MP4C	X	6.294	6.294	0	%100
88	MP4C	Z	-3.634	-3.634	0	%100
89	MP2C	X	7.62	7.62	0	%100
90	MP2C	Z	-4.399	-4.399	0	%100
91	MP1C	X	6.294	6.294	0	%100
92	MP1C	Z	-3.634	-3.634	0	%100
93	M91A	X	2.319	2.319	0	%100
94	M91A	Z	-1.339	-1.339	0	%100
95	MP3B	X	6.294	6.294	0	%100
96	MP3B	Z	-3.634	-3.634	0	%100
97	MP4B	X	6.294	6.294	0	%100
98	MP4B	Z	-3.634	-3.634	0	%100
99	MP2B	X	7.62	7.62	0	%100
100	MP2B	Z	-4.399	-4.399	0	%100
101	MP1B	X	6.294	6.294	0	%100
102	MP1B	Z	-3.634	-3.634	0	%100
103	OVP	X	5.147	5.147	0	%100
104	OVP	Z	-2.972	-2.972	0	%100
105	M102	X	1.905	1.905	0	%100
106	M102	Z	-1.1	-1.1	0	%100
107	M107	X	7.62	7.62	0	%100
108	M107	Z	-4.399	-4.399	0	%100
109	M112	X	1.905	1.905	0	%100
110	M112	Z	-1.1	-1.1	0	%100
111	M123	X	2.491	2.491	0	%100
112	M123	Z	-1.438	-1.438	0	%100
113	M124	X	2.491	2.491	0	%100
114	M124	Z	-1.438	-1.438	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,%]
115	M125	X	9.965	9.965	0	%100
116	M125	Z	-5.754	-5.754	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	M4	X	10.879	10.879	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	7.268	7.268	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	7.268	7.268	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	8.798	8.798	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	7.268	7.268	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	7.647	7.647	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	7.647	7.647	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	18.362	18.362	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	14.026	14.026	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	14.774	14.774	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	18.362	18.362	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	14.026	14.026	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	14.774	14.774	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	2.72	2.72	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	6.904	6.904	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	6.904	6.904	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	13.771	13.771	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	7.647	7.647	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	4.59	4.59	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	14.026	14.026	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	14.774	14.774	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,%]
52	M48	Z	0	0	0	%100
53	M50A	X	4.59	4.59	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	2.72	2.72	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	6.904	6.904	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	6.904	6.904	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	13.771	13.771	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	7.647	7.647	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	4.59	4.59	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	4.59	4.59	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	14.026	14.026	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	14.774	14.774	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	8.033	8.033	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	7.268	7.268	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	7.268	7.268	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	8.798	8.798	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	7.268	7.268	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	8.033	8.033	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	7.268	7.268	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	7.268	7.268	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	8.798	8.798	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	7.268	7.268	0	%100
102	MP1B	Z	0	0	0	%100
103	OVP	X	5.943	5.943	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	6.599	6.599	0	%100
108	M107	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,%]
109	M112	X	6.599	6.599	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	8.63	8.63	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	8.63	8.63	0	%100
116	M125	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	2.319	2.319	0	%100
2	M1	Z	1.339	1.339	0	%100
3	M4	X	7.066	7.066	0	%100
4	M4	Z	4.08	4.08	0	%100
5	M10	X	1.993	1.993	0	%100
6	M10	Z	1.151	1.151	0	%100
7	MP3A	X	6.294	6.294	0	%100
8	MP3A	Z	3.634	3.634	0	%100
9	MP4A	X	6.294	6.294	0	%100
10	MP4A	Z	3.634	3.634	0	%100
11	MP2A	X	7.62	7.62	0	%100
12	MP2A	Z	4.399	4.399	0	%100
13	MP1A	X	6.294	6.294	0	%100
14	MP1A	Z	3.634	3.634	0	%100
15	M43	X	1.993	1.993	0	%100
16	M43	Z	1.151	1.151	0	%100
17	M46	X	3.975	3.975	0	%100
18	M46	Z	2.295	2.295	0	%100
19	M51B	X	2.207	2.207	0	%100
20	M51B	Z	1.274	1.274	0	%100
21	M52B	X	8.83	8.83	0	%100
22	M52B	Z	5.098	5.098	0	%100
23	M76	X	11.926	11.926	0	%100
24	M76	Z	6.886	6.886	0	%100
25	M77	X	4.049	4.049	0	%100
26	M77	Z	2.338	2.338	0	%100
27	M80	X	4.265	4.265	0	%100
28	M80	Z	2.462	2.462	0	%100
29	M84	X	11.926	11.926	0	%100
30	M84	Z	6.886	6.886	0	%100
31	M85	X	16.196	16.196	0	%100
32	M85	Z	9.351	9.351	0	%100
33	M91	X	17.059	17.059	0	%100
34	M91	Z	9.849	9.849	0	%100
35	M34	X	7.066	7.066	0	%100
36	M34	Z	4.08	4.08	0	%100
37	M35	X	1.993	1.993	0	%100
38	M35	Z	1.151	1.151	0	%100
39	M36	X	1.993	1.993	0	%100
40	M36	Z	1.151	1.151	0	%100
41	M37	X	3.975	3.975	0	%100
42	M37	Z	2.295	2.295	0	%100
43	M40	X	8.83	8.83	0	%100
44	M40	Z	5.098	5.098	0	%100
45	M41	X	2.207	2.207	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,%]
46	M41	Z	1.274	1.274	0	%100
47	M45	X	11.926	11.926	0	%100
48	M45	Z	6.886	6.886	0	%100
49	M46A	X	16.196	16.196	0	%100
50	M46A	Z	9.351	9.351	0	%100
51	M48	X	17.059	17.059	0	%100
52	M48	Z	9.849	9.849	0	%100
53	M50A	X	11.926	11.926	0	%100
54	M50A	Z	6.886	6.886	0	%100
55	M51C	X	4.049	4.049	0	%100
56	M51C	Z	2.338	2.338	0	%100
57	M53	X	4.265	4.265	0	%100
58	M53	Z	2.462	2.462	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	7.972	7.972	0	%100
62	M59A	Z	4.603	4.603	0	%100
63	M60	X	7.972	7.972	0	%100
64	M60	Z	4.603	4.603	0	%100
65	M61	X	15.902	15.902	0	%100
66	M61	Z	9.181	9.181	0	%100
67	M64	X	2.207	2.207	0	%100
68	M64	Z	1.274	1.274	0	%100
69	M65	X	2.207	2.207	0	%100
70	M65	Z	1.274	1.274	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	4.049	4.049	0	%100
74	M70	Z	2.338	2.338	0	%100
75	M72	X	4.265	4.265	0	%100
76	M72	Z	2.462	2.462	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	4.049	4.049	0	%100
80	M75	Z	2.338	2.338	0	%100
81	M77A	X	4.265	4.265	0	%100
82	M77A	Z	2.462	2.462	0	%100
83	M82	X	2.319	2.319	0	%100
84	M82	Z	1.339	1.339	0	%100
85	MP3C	X	6.294	6.294	0	%100
86	MP3C	Z	3.634	3.634	0	%100
87	MP4C	X	6.294	6.294	0	%100
88	MP4C	Z	3.634	3.634	0	%100
89	MP2C	X	7.62	7.62	0	%100
90	MP2C	Z	4.399	4.399	0	%100
91	MP1C	X	6.294	6.294	0	%100
92	MP1C	Z	3.634	3.634	0	%100
93	M91A	X	9.276	9.276	0	%100
94	M91A	Z	5.356	5.356	0	%100
95	MP3B	X	6.294	6.294	0	%100
96	MP3B	Z	3.634	3.634	0	%100
97	MP4B	X	6.294	6.294	0	%100
98	MP4B	Z	3.634	3.634	0	%100
99	MP2B	X	7.62	7.62	0	%100
100	MP2B	Z	4.399	4.399	0	%100
101	MP1B	X	6.294	6.294	0	%100
102	MP1B	Z	3.634	3.634	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,%]
103	OVP	X	5.147	5.147	0	%100
104	OVP	Z	2.972	2.972	0	%100
105	M102	X	1.905	1.905	0	%100
106	M102	Z	1.1	1.1	0	%100
107	M107	X	1.905	1.905	0	%100
108	M107	Z	1.1	1.1	0	%100
109	M112	X	7.62	7.62	0	%100
110	M112	Z	4.399	4.399	0	%100
111	M123	X	9.965	9.965	0	%100
112	M123	Z	5.754	5.754	0	%100
113	M124	X	2.491	2.491	0	%100
114	M124	Z	1.438	1.438	0	%100
115	M125	X	2.491	2.491	0	%100
116	M125	Z	1.438	1.438	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	4.017	4.017	0	%100
2	M1	Z	6.957	6.957	0	%100
3	M4	X	1.36	1.36	0	%100
4	M4	Z	2.355	2.355	0	%100
5	M10	X	3.452	3.452	0	%100
6	M10	Z	5.979	5.979	0	%100
7	MP3A	X	3.634	3.634	0	%100
8	MP3A	Z	6.294	6.294	0	%100
9	MP4A	X	3.634	3.634	0	%100
10	MP4A	Z	6.294	6.294	0	%100
11	MP2A	X	4.399	4.399	0	%100
12	MP2A	Z	7.62	7.62	0	%100
13	MP1A	X	3.634	3.634	0	%100
14	MP1A	Z	6.294	6.294	0	%100
15	M43	X	3.452	3.452	0	%100
16	M43	Z	5.979	5.979	0	%100
17	M46	X	6.886	6.886	0	%100
18	M46	Z	11.926	11.926	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.823	3.823	0	%100
22	M52B	Z	6.622	6.622	0	%100
23	M76	X	2.295	2.295	0	%100
24	M76	Z	3.975	3.975	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.295	2.295	0	%100
30	M84	Z	3.975	3.975	0	%100
31	M85	X	7.013	7.013	0	%100
32	M85	Z	12.147	12.147	0	%100
33	M91	X	7.387	7.387	0	%100
34	M91	Z	12.794	12.794	0	%100
35	M34	X	5.44	5.44	0	%100
36	M34	Z	9.422	9.422	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	3.823	3.823	0	%100
44	M40	Z	6.622	6.622	0	%100
45	M41	X	3.823	3.823	0	%100
46	M41	Z	6.622	6.622	0	%100
47	M45	X	9.181	9.181	0	%100
48	M45	Z	15.902	15.902	0	%100
49	M46A	X	7.013	7.013	0	%100
50	M46A	Z	12.147	12.147	0	%100
51	M48	X	7.387	7.387	0	%100
52	M48	Z	12.794	12.794	0	%100
53	M50A	X	9.181	9.181	0	%100
54	M50A	Z	15.902	15.902	0	%100
55	M51C	X	7.013	7.013	0	%100
56	M51C	Z	12.147	12.147	0	%100
57	M53	X	7.387	7.387	0	%100
58	M53	Z	12.794	12.794	0	%100
59	M58A	X	1.36	1.36	0	%100
60	M58A	Z	2.355	2.355	0	%100
61	M59A	X	3.452	3.452	0	%100
62	M59A	Z	5.979	5.979	0	%100
63	M60	X	3.452	3.452	0	%100
64	M60	Z	5.979	5.979	0	%100
65	M61	X	6.886	6.886	0	%100
66	M61	Z	11.926	11.926	0	%100
67	M64	X	3.823	3.823	0	%100
68	M64	Z	6.622	6.622	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	2.295	2.295	0	%100
72	M69	Z	3.975	3.975	0	%100
73	M70	X	7.013	7.013	0	%100
74	M70	Z	12.147	12.147	0	%100
75	M72	X	7.387	7.387	0	%100
76	M72	Z	12.794	12.794	0	%100
77	M74	X	2.295	2.295	0	%100
78	M74	Z	3.975	3.975	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	3.634	3.634	0	%100
86	MP3C	Z	6.294	6.294	0	%100
87	MP4C	X	3.634	3.634	0	%100
88	MP4C	Z	6.294	6.294	0	%100
89	MP2C	X	4.399	4.399	0	%100
90	MP2C	Z	7.62	7.62	0	%100
91	MP1C	X	3.634	3.634	0	%100
92	MP1C	Z	6.294	6.294	0	%100
93	M91A	X	4.017	4.017	0	%100
94	M91A	Z	6.957	6.957	0	%100
95	MP3B	X	3.634	3.634	0	%100
96	MP3B	Z	6.294	6.294	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,%]
97	MP4B	X	3.634	3.634	0	%100
98	MP4B	Z	6.294	6.294	0	%100
99	MP2B	X	4.399	4.399	0	%100
100	MP2B	Z	7.62	7.62	0	%100
101	MP1B	X	3.634	3.634	0	%100
102	MP1B	Z	6.294	6.294	0	%100
103	OVP	X	2.972	2.972	0	%100
104	OVP	Z	5.147	5.147	0	%100
105	M102	X	3.299	3.299	0	%100
106	M102	Z	5.715	5.715	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	3.299	3.299	0	%100
110	M112	Z	5.715	5.715	0	%100
111	M123	X	4.315	4.315	0	%100
112	M123	Z	7.474	7.474	0	%100
113	M124	X	4.315	4.315	0	%100
114	M124	Z	7.474	7.474	0	%100
115	M125	X	0	0	0	%100
116	M125	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	10.711	10.711	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.206	9.206	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	7.268	7.268	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	7.268	7.268	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	8.798	8.798	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	7.268	7.268	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	9.206	9.206	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	18.362	18.362	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.549	2.549	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.549	2.549	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	4.675	4.675	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	4.925	4.925	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	4.675	4.675	0	%100
33	M91	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,%]
34	M91	Z	4.925	4.925	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	8.159	8.159	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.301	2.301	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.301	2.301	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	4.59	4.59	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	2.549	2.549	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	10.196	10.196	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	13.771	13.771	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	4.675	4.675	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	4.925	4.925	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	13.771	13.771	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	18.702	18.702	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	19.698	19.698	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	8.159	8.159	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	2.301	2.301	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.301	2.301	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	4.59	4.59	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	10.196	10.196	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	2.549	2.549	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	13.771	13.771	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	18.702	18.702	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	19.698	19.698	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	13.771	13.771	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	4.675	4.675	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	4.925	4.925	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	2.678	2.678	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	7.268	7.268	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	7.268	7.268	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	8.798	8.798	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,%]
91	MP1C	X	0	0	0	%100
92	MP1C	Z	7.268	7.268	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	2.678	2.678	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	7.268	7.268	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	7.268	7.268	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	8.798	8.798	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	7.268	7.268	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	5.943	5.943	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	8.798	8.798	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	2.2	2.2	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	2.2	2.2	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	2.877	2.877	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	11.507	11.507	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	2.877	2.877	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	-4.017	-4.017	0	%100
2	M1	Z	6.957	6.957	0	%100
3	M4	X	-1.36	-1.36	0	%100
4	M4	Z	2.355	2.355	0	%100
5	M10	X	-3.452	-3.452	0	%100
6	M10	Z	5.979	5.979	0	%100
7	MP3A	X	-3.634	-3.634	0	%100
8	MP3A	Z	6.294	6.294	0	%100
9	MP4A	X	-3.634	-3.634	0	%100
10	MP4A	Z	6.294	6.294	0	%100
11	MP2A	X	-4.399	-4.399	0	%100
12	MP2A	Z	7.62	7.62	0	%100
13	MP1A	X	-3.634	-3.634	0	%100
14	MP1A	Z	6.294	6.294	0	%100
15	M43	X	-3.452	-3.452	0	%100
16	M43	Z	5.979	5.979	0	%100
17	M46	X	-6.886	-6.886	0	%100
18	M46	Z	11.926	11.926	0	%100
19	M51B	X	-3.823	-3.823	0	%100
20	M51B	Z	6.622	6.622	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.295	-2.295	0	%100
24	M76	Z	3.975	3.975	0	%100
25	M77	X	-7.013	-7.013	0	%100
26	M77	Z	12.147	12.147	0	%100
27	M80	X	-7.387	-7.387	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,%]
28	M80	Z	12.794	12.794	0	%100
29	M84	X	-2.295	-2.295	0	%100
30	M84	Z	3.975	3.975	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-1.36	-1.36	0	%100
36	M34	Z	2.355	2.355	0	%100
37	M35	X	-3.452	-3.452	0	%100
38	M35	Z	5.979	5.979	0	%100
39	M36	X	-3.452	-3.452	0	%100
40	M36	Z	5.979	5.979	0	%100
41	M37	X	-6.886	-6.886	0	%100
42	M37	Z	11.926	11.926	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-3.823	-3.823	0	%100
46	M41	Z	6.622	6.622	0	%100
47	M45	X	-2.295	-2.295	0	%100
48	M45	Z	3.975	3.975	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-2.295	-2.295	0	%100
54	M50A	Z	3.975	3.975	0	%100
55	M51C	X	-7.013	-7.013	0	%100
56	M51C	Z	12.147	12.147	0	%100
57	M53	X	-7.387	-7.387	0	%100
58	M53	Z	12.794	12.794	0	%100
59	M58A	X	-5.44	-5.44	0	%100
60	M58A	Z	9.422	9.422	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-3.823	-3.823	0	%100
68	M64	Z	6.622	6.622	0	%100
69	M65	X	-3.823	-3.823	0	%100
70	M65	Z	6.622	6.622	0	%100
71	M69	X	-9.181	-9.181	0	%100
72	M69	Z	15.902	15.902	0	%100
73	M70	X	-7.013	-7.013	0	%100
74	M70	Z	12.147	12.147	0	%100
75	M72	X	-7.387	-7.387	0	%100
76	M72	Z	12.794	12.794	0	%100
77	M74	X	-9.181	-9.181	0	%100
78	M74	Z	15.902	15.902	0	%100
79	M75	X	-7.013	-7.013	0	%100
80	M75	Z	12.147	12.147	0	%100
81	M77A	X	-7.387	-7.387	0	%100
82	M77A	Z	12.794	12.794	0	%100
83	M82	X	-4.017	-4.017	0	%100
84	M82	Z	6.957	6.957	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,%]
85	MP3C	X	-3.634	-3.634	0	%100
86	MP3C	Z	6.294	6.294	0	%100
87	MP4C	X	-3.634	-3.634	0	%100
88	MP4C	Z	6.294	6.294	0	%100
89	MP2C	X	-4.399	-4.399	0	%100
90	MP2C	Z	7.62	7.62	0	%100
91	MP1C	X	-3.634	-3.634	0	%100
92	MP1C	Z	6.294	6.294	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-3.634	-3.634	0	%100
96	MP3B	Z	6.294	6.294	0	%100
97	MP4B	X	-3.634	-3.634	0	%100
98	MP4B	Z	6.294	6.294	0	%100
99	MP2B	X	-4.399	-4.399	0	%100
100	MP2B	Z	7.62	7.62	0	%100
101	MP1B	X	-3.634	-3.634	0	%100
102	MP1B	Z	6.294	6.294	0	%100
103	OVP	X	-2.972	-2.972	0	%100
104	OVP	Z	5.147	5.147	0	%100
105	M102	X	-3.299	-3.299	0	%100
106	M102	Z	5.715	5.715	0	%100
107	M107	X	-3.299	-3.299	0	%100
108	M107	Z	5.715	5.715	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-4.315	-4.315	0	%100
114	M124	Z	7.474	7.474	0	%100
115	M125	X	-4.315	-4.315	0	%100
116	M125	Z	7.474	7.474	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	-2.319	-2.319	0	%100
2	M1	Z	1.339	1.339	0	%100
3	M4	X	-7.066	-7.066	0	%100
4	M4	Z	4.08	4.08	0	%100
5	M10	X	-1.993	-1.993	0	%100
6	M10	Z	1.151	1.151	0	%100
7	MP3A	X	-6.294	-6.294	0	%100
8	MP3A	Z	3.634	3.634	0	%100
9	MP4A	X	-6.294	-6.294	0	%100
10	MP4A	Z	3.634	3.634	0	%100
11	MP2A	X	-7.62	-7.62	0	%100
12	MP2A	Z	4.399	4.399	0	%100
13	MP1A	X	-6.294	-6.294	0	%100
14	MP1A	Z	3.634	3.634	0	%100
15	M43	X	-1.993	-1.993	0	%100
16	M43	Z	1.151	1.151	0	%100
17	M46	X	-3.975	-3.975	0	%100
18	M46	Z	2.295	2.295	0	%100
19	M51B	X	-8.83	-8.83	0	%100
20	M51B	Z	5.098	5.098	0	%100
21	M52B	X	-2.207	-2.207	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,%]
22	M52B	Z	1.274	1.274	0	%100
23	M76	X	-11.926	-11.926	0	%100
24	M76	Z	6.886	6.886	0	%100
25	M77	X	-16.196	-16.196	0	%100
26	M77	Z	9.351	9.351	0	%100
27	M80	X	-17.059	-17.059	0	%100
28	M80	Z	9.849	9.849	0	%100
29	M84	X	-11.926	-11.926	0	%100
30	M84	Z	6.886	6.886	0	%100
31	M85	X	-4.049	-4.049	0	%100
32	M85	Z	2.338	2.338	0	%100
33	M91	X	-4.265	-4.265	0	%100
34	M91	Z	2.462	2.462	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.972	-7.972	0	%100
38	M35	Z	4.603	4.603	0	%100
39	M36	X	-7.972	-7.972	0	%100
40	M36	Z	4.603	4.603	0	%100
41	M37	X	-15.902	-15.902	0	%100
42	M37	Z	9.181	9.181	0	%100
43	M40	X	-2.207	-2.207	0	%100
44	M40	Z	1.274	1.274	0	%100
45	M41	X	-2.207	-2.207	0	%100
46	M41	Z	1.274	1.274	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-4.049	-4.049	0	%100
50	M46A	Z	2.338	2.338	0	%100
51	M48	X	-4.265	-4.265	0	%100
52	M48	Z	2.462	2.462	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-4.049	-4.049	0	%100
56	M51C	Z	2.338	2.338	0	%100
57	M53	X	-4.265	-4.265	0	%100
58	M53	Z	2.462	2.462	0	%100
59	M58A	X	-7.066	-7.066	0	%100
60	M58A	Z	4.08	4.08	0	%100
61	M59A	X	-1.993	-1.993	0	%100
62	M59A	Z	1.151	1.151	0	%100
63	M60	X	-1.993	-1.993	0	%100
64	M60	Z	1.151	1.151	0	%100
65	M61	X	-3.975	-3.975	0	%100
66	M61	Z	2.295	2.295	0	%100
67	M64	X	-2.207	-2.207	0	%100
68	M64	Z	1.274	1.274	0	%100
69	M65	X	-8.83	-8.83	0	%100
70	M65	Z	5.098	5.098	0	%100
71	M69	X	-11.926	-11.926	0	%100
72	M69	Z	6.886	6.886	0	%100
73	M70	X	-4.049	-4.049	0	%100
74	M70	Z	2.338	2.338	0	%100
75	M72	X	-4.265	-4.265	0	%100
76	M72	Z	2.462	2.462	0	%100
77	M74	X	-11.926	-11.926	0	%100
78	M74	Z	6.886	6.886	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,%]
79	M75	X	-16.196	-16.196	0	%100
80	M75	Z	9.351	9.351	0	%100
81	M77A	X	-17.059	-17.059	0	%100
82	M77A	Z	9.849	9.849	0	%100
83	M82	X	-9.276	-9.276	0	%100
84	M82	Z	5.356	5.356	0	%100
85	MP3C	X	-6.294	-6.294	0	%100
86	MP3C	Z	3.634	3.634	0	%100
87	MP4C	X	-6.294	-6.294	0	%100
88	MP4C	Z	3.634	3.634	0	%100
89	MP2C	X	-7.62	-7.62	0	%100
90	MP2C	Z	4.399	4.399	0	%100
91	MP1C	X	-6.294	-6.294	0	%100
92	MP1C	Z	3.634	3.634	0	%100
93	M91A	X	-2.319	-2.319	0	%100
94	M91A	Z	1.339	1.339	0	%100
95	MP3B	X	-6.294	-6.294	0	%100
96	MP3B	Z	3.634	3.634	0	%100
97	MP4B	X	-6.294	-6.294	0	%100
98	MP4B	Z	3.634	3.634	0	%100
99	MP2B	X	-7.62	-7.62	0	%100
100	MP2B	Z	4.399	4.399	0	%100
101	MP1B	X	-6.294	-6.294	0	%100
102	MP1B	Z	3.634	3.634	0	%100
103	OVP	X	-5.147	-5.147	0	%100
104	OVP	Z	2.972	2.972	0	%100
105	M102	X	-1.905	-1.905	0	%100
106	M102	Z	1.1	1.1	0	%100
107	M107	X	-7.62	-7.62	0	%100
108	M107	Z	4.399	4.399	0	%100
109	M112	X	-1.905	-1.905	0	%100
110	M112	Z	1.1	1.1	0	%100
111	M123	X	-2.491	-2.491	0	%100
112	M123	Z	1.438	1.438	0	%100
113	M124	X	-2.491	-2.491	0	%100
114	M124	Z	1.438	1.438	0	%100
115	M125	X	-9.965	-9.965	0	%100
116	M125	Z	5.754	5.754	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	M4	X	-10.879	-10.879	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-7.268	-7.268	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-7.268	-7.268	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-8.798	-8.798	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-7.268	-7.268	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-7.647	-7.647	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-7.647	-7.647	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-18.362	-18.362	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-14.026	-14.026	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-14.774	-14.774	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-18.362	-18.362	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-14.026	-14.026	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-14.774	-14.774	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-2.72	-2.72	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-6.904	-6.904	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-6.904	-6.904	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-13.771	-13.771	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-7.647	-7.647	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-4.59	-4.59	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-14.026	-14.026	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-14.774	-14.774	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-4.59	-4.59	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-2.72	-2.72	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-6.904	-6.904	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-6.904	-6.904	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-13.771	-13.771	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-7.647	-7.647	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-4.59	-4.59	0	%100
72	M69	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,%]
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-4.59	-4.59	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-14.026	-14.026	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-14.774	-14.774	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-8.033	-8.033	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-7.268	-7.268	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-7.268	-7.268	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-8.798	-8.798	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-7.268	-7.268	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-8.033	-8.033	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-7.268	-7.268	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-7.268	-7.268	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-8.798	-8.798	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-7.268	-7.268	0	%100
102	MP1B	Z	0	0	0	%100
103	OVP	X	-5.943	-5.943	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-6.599	-6.599	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-6.599	-6.599	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-8.63	-8.63	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-8.63	-8.63	0	%100
116	M125	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	-2.319	-2.319	0	%100
2	M1	Z	-1.339	-1.339	0	%100
3	M4	X	-7.066	-7.066	0	%100
4	M4	Z	-4.08	-4.08	0	%100
5	M10	X	-1.993	-1.993	0	%100
6	M10	Z	-1.151	-1.151	0	%100
7	MP3A	X	-6.294	-6.294	0	%100
8	MP3A	Z	-3.634	-3.634	0	%100
9	MP4A	X	-6.294	-6.294	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,%]
10	MP4A	Z	-3.634	-3.634	0	%100
11	MP2A	X	-7.62	-7.62	0	%100
12	MP2A	Z	-4.399	-4.399	0	%100
13	MP1A	X	-6.294	-6.294	0	%100
14	MP1A	Z	-3.634	-3.634	0	%100
15	M43	X	-1.993	-1.993	0	%100
16	M43	Z	-1.151	-1.151	0	%100
17	M46	X	-3.975	-3.975	0	%100
18	M46	Z	-2.295	-2.295	0	%100
19	M51B	X	-2.207	-2.207	0	%100
20	M51B	Z	-1.274	-1.274	0	%100
21	M52B	X	-8.83	-8.83	0	%100
22	M52B	Z	-5.098	-5.098	0	%100
23	M76	X	-11.926	-11.926	0	%100
24	M76	Z	-6.886	-6.886	0	%100
25	M77	X	-4.049	-4.049	0	%100
26	M77	Z	-2.338	-2.338	0	%100
27	M80	X	-4.265	-4.265	0	%100
28	M80	Z	-2.462	-2.462	0	%100
29	M84	X	-11.926	-11.926	0	%100
30	M84	Z	-6.886	-6.886	0	%100
31	M85	X	-16.196	-16.196	0	%100
32	M85	Z	-9.351	-9.351	0	%100
33	M91	X	-17.059	-17.059	0	%100
34	M91	Z	-9.849	-9.849	0	%100
35	M34	X	-7.066	-7.066	0	%100
36	M34	Z	-4.08	-4.08	0	%100
37	M35	X	-1.993	-1.993	0	%100
38	M35	Z	-1.151	-1.151	0	%100
39	M36	X	-1.993	-1.993	0	%100
40	M36	Z	-1.151	-1.151	0	%100
41	M37	X	-3.975	-3.975	0	%100
42	M37	Z	-2.295	-2.295	0	%100
43	M40	X	-8.83	-8.83	0	%100
44	M40	Z	-5.098	-5.098	0	%100
45	M41	X	-2.207	-2.207	0	%100
46	M41	Z	-1.274	-1.274	0	%100
47	M45	X	-11.926	-11.926	0	%100
48	M45	Z	-6.886	-6.886	0	%100
49	M46A	X	-16.196	-16.196	0	%100
50	M46A	Z	-9.351	-9.351	0	%100
51	M48	X	-17.059	-17.059	0	%100
52	M48	Z	-9.849	-9.849	0	%100
53	M50A	X	-11.926	-11.926	0	%100
54	M50A	Z	-6.886	-6.886	0	%100
55	M51C	X	-4.049	-4.049	0	%100
56	M51C	Z	-2.338	-2.338	0	%100
57	M53	X	-4.265	-4.265	0	%100
58	M53	Z	-2.462	-2.462	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-7.972	-7.972	0	%100
62	M59A	Z	-4.603	-4.603	0	%100
63	M60	X	-7.972	-7.972	0	%100
64	M60	Z	-4.603	-4.603	0	%100
65	M61	X	-15.902	-15.902	0	%100
66	M61	Z	-9.181	-9.181	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,%]
67	M64	X	-2.207	-2.207	0	%100
68	M64	Z	-1.274	-1.274	0	%100
69	M65	X	-2.207	-2.207	0	%100
70	M65	Z	-1.274	-1.274	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-4.049	-4.049	0	%100
74	M70	Z	-2.338	-2.338	0	%100
75	M72	X	-4.265	-4.265	0	%100
76	M72	Z	-2.462	-2.462	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-4.049	-4.049	0	%100
80	M75	Z	-2.338	-2.338	0	%100
81	M77A	X	-4.265	-4.265	0	%100
82	M77A	Z	-2.462	-2.462	0	%100
83	M82	X	-2.319	-2.319	0	%100
84	M82	Z	-1.339	-1.339	0	%100
85	MP3C	X	-6.294	-6.294	0	%100
86	MP3C	Z	-3.634	-3.634	0	%100
87	MP4C	X	-6.294	-6.294	0	%100
88	MP4C	Z	-3.634	-3.634	0	%100
89	MP2C	X	-7.62	-7.62	0	%100
90	MP2C	Z	-4.399	-4.399	0	%100
91	MP1C	X	-6.294	-6.294	0	%100
92	MP1C	Z	-3.634	-3.634	0	%100
93	M91A	X	-9.276	-9.276	0	%100
94	M91A	Z	-5.356	-5.356	0	%100
95	MP3B	X	-6.294	-6.294	0	%100
96	MP3B	Z	-3.634	-3.634	0	%100
97	MP4B	X	-6.294	-6.294	0	%100
98	MP4B	Z	-3.634	-3.634	0	%100
99	MP2B	X	-7.62	-7.62	0	%100
100	MP2B	Z	-4.399	-4.399	0	%100
101	MP1B	X	-6.294	-6.294	0	%100
102	MP1B	Z	-3.634	-3.634	0	%100
103	OVP	X	-5.147	-5.147	0	%100
104	OVP	Z	-2.972	-2.972	0	%100
105	M102	X	-1.905	-1.905	0	%100
106	M102	Z	-1.1	-1.1	0	%100
107	M107	X	-1.905	-1.905	0	%100
108	M107	Z	-1.1	-1.1	0	%100
109	M112	X	-7.62	-7.62	0	%100
110	M112	Z	-4.399	-4.399	0	%100
111	M123	X	-9.965	-9.965	0	%100
112	M123	Z	-5.754	-5.754	0	%100
113	M124	X	-2.491	-2.491	0	%100
114	M124	Z	-1.438	-1.438	0	%100
115	M125	X	-2.491	-2.491	0	%100
116	M125	Z	-1.438	-1.438	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	-4.017	-4.017	0	%100
2	M1	Z	-6.957	-6.957	0	%100
3	M4	X	-1.36	-1.36	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,%]
4	M4	Z	-2.355	-2.355	0	%100
5	M10	X	-3.452	-3.452	0	%100
6	M10	Z	-5.979	-5.979	0	%100
7	MP3A	X	-3.634	-3.634	0	%100
8	MP3A	Z	-6.294	-6.294	0	%100
9	MP4A	X	-3.634	-3.634	0	%100
10	MP4A	Z	-6.294	-6.294	0	%100
11	MP2A	X	-4.399	-4.399	0	%100
12	MP2A	Z	-7.62	-7.62	0	%100
13	MP1A	X	-3.634	-3.634	0	%100
14	MP1A	Z	-6.294	-6.294	0	%100
15	M43	X	-3.452	-3.452	0	%100
16	M43	Z	-5.979	-5.979	0	%100
17	M46	X	-6.886	-6.886	0	%100
18	M46	Z	-11.926	-11.926	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.823	-3.823	0	%100
22	M52B	Z	-6.622	-6.622	0	%100
23	M76	X	-2.295	-2.295	0	%100
24	M76	Z	-3.975	-3.975	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.295	-2.295	0	%100
30	M84	Z	-3.975	-3.975	0	%100
31	M85	X	-7.013	-7.013	0	%100
32	M85	Z	-12.147	-12.147	0	%100
33	M91	X	-7.387	-7.387	0	%100
34	M91	Z	-12.794	-12.794	0	%100
35	M34	X	-5.44	-5.44	0	%100
36	M34	Z	-9.422	-9.422	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-3.823	-3.823	0	%100
44	M40	Z	-6.622	-6.622	0	%100
45	M41	X	-3.823	-3.823	0	%100
46	M41	Z	-6.622	-6.622	0	%100
47	M45	X	-9.181	-9.181	0	%100
48	M45	Z	-15.902	-15.902	0	%100
49	M46A	X	-7.013	-7.013	0	%100
50	M46A	Z	-12.147	-12.147	0	%100
51	M48	X	-7.387	-7.387	0	%100
52	M48	Z	-12.794	-12.794	0	%100
53	M50A	X	-9.181	-9.181	0	%100
54	M50A	Z	-15.902	-15.902	0	%100
55	M51C	X	-7.013	-7.013	0	%100
56	M51C	Z	-12.147	-12.147	0	%100
57	M53	X	-7.387	-7.387	0	%100
58	M53	Z	-12.794	-12.794	0	%100
59	M58A	X	-1.36	-1.36	0	%100
60	M58A	Z	-2.355	-2.355	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,%]
61	M59A	X	-3.452	-3.452	0	%100
62	M59A	Z	-5.979	-5.979	0	%100
63	M60	X	-3.452	-3.452	0	%100
64	M60	Z	-5.979	-5.979	0	%100
65	M61	X	-6.886	-6.886	0	%100
66	M61	Z	-11.926	-11.926	0	%100
67	M64	X	-3.823	-3.823	0	%100
68	M64	Z	-6.622	-6.622	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-2.295	-2.295	0	%100
72	M69	Z	-3.975	-3.975	0	%100
73	M70	X	-7.013	-7.013	0	%100
74	M70	Z	-12.147	-12.147	0	%100
75	M72	X	-7.387	-7.387	0	%100
76	M72	Z	-12.794	-12.794	0	%100
77	M74	X	-2.295	-2.295	0	%100
78	M74	Z	-3.975	-3.975	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-3.634	-3.634	0	%100
86	MP3C	Z	-6.294	-6.294	0	%100
87	MP4C	X	-3.634	-3.634	0	%100
88	MP4C	Z	-6.294	-6.294	0	%100
89	MP2C	X	-4.399	-4.399	0	%100
90	MP2C	Z	-7.62	-7.62	0	%100
91	MP1C	X	-3.634	-3.634	0	%100
92	MP1C	Z	-6.294	-6.294	0	%100
93	M91A	X	-4.017	-4.017	0	%100
94	M91A	Z	-6.957	-6.957	0	%100
95	MP3B	X	-3.634	-3.634	0	%100
96	MP3B	Z	-6.294	-6.294	0	%100
97	MP4B	X	-3.634	-3.634	0	%100
98	MP4B	Z	-6.294	-6.294	0	%100
99	MP2B	X	-4.399	-4.399	0	%100
100	MP2B	Z	-7.62	-7.62	0	%100
101	MP1B	X	-3.634	-3.634	0	%100
102	MP1B	Z	-6.294	-6.294	0	%100
103	OVP	X	-2.972	-2.972	0	%100
104	OVP	Z	-5.147	-5.147	0	%100
105	M102	X	-3.299	-3.299	0	%100
106	M102	Z	-5.715	-5.715	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-3.299	-3.299	0	%100
110	M112	Z	-5.715	-5.715	0	%100
111	M123	X	-4.315	-4.315	0	%100
112	M123	Z	-7.474	-7.474	0	%100
113	M124	X	-4.315	-4.315	0	%100
114	M124	Z	-7.474	-7.474	0	%100
115	M125	X	0	0	0	%100
116	M125	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	-3.729	-3.729	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.901	-2.901	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.994	-2.994	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.994	-2.994	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.39	-3.39	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.06	-3.06	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.901	-2.901	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-4.362	-4.362	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.823	-.823	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.823	-.823	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.096	-1.096	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.14	-1.14	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.096	-1.096	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.14	-1.14	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.652	-2.652	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.725	-.725	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.725	-.725	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-1.09	-1.09	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.823	-.823	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-3.292	-3.292	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-3.242	-3.242	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-1.096	-1.096	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.14	-1.14	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-3.242	-3.242	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-4.383	-4.383	0	%100
57	M53	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,%]
58	M53	Z	-4.56	-4.56	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.652	-2.652	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.725	-.725	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.725	-.725	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-1.09	-1.09	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-3.292	-3.292	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.823	-.823	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-3.242	-3.242	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-4.383	-4.383	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-4.56	-4.56	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-3.242	-3.242	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-1.096	-1.096	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.14	-1.14	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.932	-.932	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-2.994	-2.994	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-2.994	-2.994	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-3.39	-3.39	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-3.06	-3.06	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.932	-.932	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-2.994	-2.994	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-2.994	-2.994	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-3.39	-3.39	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-3.06	-3.06	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	-2.398	-2.398	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-3.39	-3.39	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.847	-.847	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.847	-.847	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.832	-.832	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-3.328	-3.328	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,%]
115	M125	X	0	0	0	%100
116	M125	Z	-.832	-.832	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	1.398	1.398	0	%100
2	M1	Z	-2.422	-2.422	0	%100
3	M4	X	.442	.442	0	%100
4	M4	Z	-.766	-.766	0	%100
5	M10	X	1.088	1.088	0	%100
6	M10	Z	-1.884	-1.884	0	%100
7	MP3A	X	1.497	1.497	0	%100
8	MP3A	Z	-2.593	-2.593	0	%100
9	MP4A	X	1.497	1.497	0	%100
10	MP4A	Z	-2.593	-2.593	0	%100
11	MP2A	X	1.695	1.695	0	%100
12	MP2A	Z	-2.936	-2.936	0	%100
13	MP1A	X	1.53	1.53	0	%100
14	MP1A	Z	-2.65	-2.65	0	%100
15	M43	X	1.088	1.088	0	%100
16	M43	Z	-1.884	-1.884	0	%100
17	M46	X	1.636	1.636	0	%100
18	M46	Z	-2.833	-2.833	0	%100
19	M51B	X	1.234	1.234	0	%100
20	M51B	Z	-2.138	-2.138	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.54	.54	0	%100
24	M76	Z	-.936	-.936	0	%100
25	M77	X	1.643	1.643	0	%100
26	M77	Z	-2.847	-2.847	0	%100
27	M80	X	1.71	1.71	0	%100
28	M80	Z	-2.961	-2.961	0	%100
29	M84	X	.54	.54	0	%100
30	M84	Z	-.936	-.936	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.442	.442	0	%100
36	M34	Z	-.766	-.766	0	%100
37	M35	X	1.088	1.088	0	%100
38	M35	Z	-1.884	-1.884	0	%100
39	M36	X	1.088	1.088	0	%100
40	M36	Z	-1.884	-1.884	0	%100
41	M37	X	1.636	1.636	0	%100
42	M37	Z	-2.833	-2.833	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.234	1.234	0	%100
46	M41	Z	-2.138	-2.138	0	%100
47	M45	X	.54	.54	0	%100
48	M45	Z	-.936	-.936	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M48	Z	0	0	0	%100
53	M50A	X	.54	.54	0	%100
54	M50A	Z	-.936	-.936	0	%100
55	M51C	X	1.643	1.643	0	%100
56	M51C	Z	-2.847	-2.847	0	%100
57	M53	X	1.71	1.71	0	%100
58	M53	Z	-2.961	-2.961	0	%100
59	M58A	X	1.768	1.768	0	%100
60	M58A	Z	-3.063	-3.063	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	1.234	1.234	0	%100
68	M64	Z	-2.138	-2.138	0	%100
69	M65	X	1.234	1.234	0	%100
70	M65	Z	-2.138	-2.138	0	%100
71	M69	X	2.161	2.161	0	%100
72	M69	Z	-3.743	-3.743	0	%100
73	M70	X	1.643	1.643	0	%100
74	M70	Z	-2.847	-2.847	0	%100
75	M72	X	1.71	1.71	0	%100
76	M72	Z	-2.961	-2.961	0	%100
77	M74	X	2.161	2.161	0	%100
78	M74	Z	-3.743	-3.743	0	%100
79	M75	X	1.643	1.643	0	%100
80	M75	Z	-2.847	-2.847	0	%100
81	M77A	X	1.71	1.71	0	%100
82	M77A	Z	-2.961	-2.961	0	%100
83	M82	X	1.398	1.398	0	%100
84	M82	Z	-2.422	-2.422	0	%100
85	MP3C	X	1.497	1.497	0	%100
86	MP3C	Z	-2.593	-2.593	0	%100
87	MP4C	X	1.497	1.497	0	%100
88	MP4C	Z	-2.593	-2.593	0	%100
89	MP2C	X	1.695	1.695	0	%100
90	MP2C	Z	-2.936	-2.936	0	%100
91	MP1C	X	1.53	1.53	0	%100
92	MP1C	Z	-2.65	-2.65	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	1.497	1.497	0	%100
96	MP3B	Z	-2.593	-2.593	0	%100
97	MP4B	X	1.497	1.497	0	%100
98	MP4B	Z	-2.593	-2.593	0	%100
99	MP2B	X	1.695	1.695	0	%100
100	MP2B	Z	-2.936	-2.936	0	%100
101	MP1B	X	1.53	1.53	0	%100
102	MP1B	Z	-2.65	-2.65	0	%100
103	OVP	X	1.199	1.199	0	%100
104	OVP	Z	-2.077	-2.077	0	%100
105	M102	X	1.271	1.271	0	%100
106	M102	Z	-2.202	-2.202	0	%100
107	M107	X	1.271	1.271	0	%100
108	M107	Z	-2.202	-2.202	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,%]
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.248	1.248	0	%100
114	M124	Z	-2.161	-2.161	0	%100
115	M125	X	1.248	1.248	0	%100
116	M125	Z	-2.161	-2.161	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	.807	.807	0	%100
2	M1	Z	-.466	-.466	0	%100
3	M4	X	2.297	2.297	0	%100
4	M4	Z	-1.326	-1.326	0	%100
5	M10	X	.628	.628	0	%100
6	M10	Z	-.363	-.363	0	%100
7	MP3A	X	2.593	2.593	0	%100
8	MP3A	Z	-1.497	-1.497	0	%100
9	MP4A	X	2.593	2.593	0	%100
10	MP4A	Z	-1.497	-1.497	0	%100
11	MP2A	X	2.936	2.936	0	%100
12	MP2A	Z	-1.695	-1.695	0	%100
13	MP1A	X	2.65	2.65	0	%100
14	MP1A	Z	-1.53	-1.53	0	%100
15	M43	X	.628	.628	0	%100
16	M43	Z	-.363	-.363	0	%100
17	M46	X	.944	.944	0	%100
18	M46	Z	-.545	-.545	0	%100
19	M51B	X	2.851	2.851	0	%100
20	M51B	Z	-1.646	-1.646	0	%100
21	M52B	X	.713	.713	0	%100
22	M52B	Z	-.411	-.411	0	%100
23	M76	X	2.807	2.807	0	%100
24	M76	Z	-1.621	-1.621	0	%100
25	M77	X	3.795	3.795	0	%100
26	M77	Z	-2.191	-2.191	0	%100
27	M80	X	3.949	3.949	0	%100
28	M80	Z	-2.28	-2.28	0	%100
29	M84	X	2.807	2.807	0	%100
30	M84	Z	-1.621	-1.621	0	%100
31	M85	X	.949	.949	0	%100
32	M85	Z	-.548	-.548	0	%100
33	M91	X	.987	.987	0	%100
34	M91	Z	-.57	-.57	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.512	2.512	0	%100
38	M35	Z	-1.45	-1.45	0	%100
39	M36	X	2.512	2.512	0	%100
40	M36	Z	-1.45	-1.45	0	%100
41	M37	X	3.777	3.777	0	%100
42	M37	Z	-2.181	-2.181	0	%100
43	M40	X	.713	.713	0	%100
44	M40	Z	-.411	-.411	0	%100
45	M41	X	.713	.713	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,%]
46	M41	Z	-.411	-.411	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.949	.949	0	%100
50	M46A	Z	-.548	-.548	0	%100
51	M48	X	.987	.987	0	%100
52	M48	Z	-.57	-.57	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.949	.949	0	%100
56	M51C	Z	-.548	-.548	0	%100
57	M53	X	.987	.987	0	%100
58	M53	Z	-.57	-.57	0	%100
59	M58A	X	2.297	2.297	0	%100
60	M58A	Z	-1.326	-1.326	0	%100
61	M59A	X	.628	.628	0	%100
62	M59A	Z	-.363	-.363	0	%100
63	M60	X	.628	.628	0	%100
64	M60	Z	-.363	-.363	0	%100
65	M61	X	.944	.944	0	%100
66	M61	Z	-.545	-.545	0	%100
67	M64	X	.713	.713	0	%100
68	M64	Z	-.411	-.411	0	%100
69	M65	X	2.851	2.851	0	%100
70	M65	Z	-1.646	-1.646	0	%100
71	M69	X	2.807	2.807	0	%100
72	M69	Z	-1.621	-1.621	0	%100
73	M70	X	.949	.949	0	%100
74	M70	Z	-.548	-.548	0	%100
75	M72	X	.987	.987	0	%100
76	M72	Z	-.57	-.57	0	%100
77	M74	X	2.807	2.807	0	%100
78	M74	Z	-1.621	-1.621	0	%100
79	M75	X	3.795	3.795	0	%100
80	M75	Z	-2.191	-2.191	0	%100
81	M77A	X	3.949	3.949	0	%100
82	M77A	Z	-2.28	-2.28	0	%100
83	M82	X	3.229	3.229	0	%100
84	M82	Z	-1.864	-1.864	0	%100
85	MP3C	X	2.593	2.593	0	%100
86	MP3C	Z	-1.497	-1.497	0	%100
87	MP4C	X	2.593	2.593	0	%100
88	MP4C	Z	-1.497	-1.497	0	%100
89	MP2C	X	2.936	2.936	0	%100
90	MP2C	Z	-1.695	-1.695	0	%100
91	MP1C	X	2.65	2.65	0	%100
92	MP1C	Z	-1.53	-1.53	0	%100
93	M91A	X	.807	.807	0	%100
94	M91A	Z	-.466	-.466	0	%100
95	MP3B	X	2.593	2.593	0	%100
96	MP3B	Z	-1.497	-1.497	0	%100
97	MP4B	X	2.593	2.593	0	%100
98	MP4B	Z	-1.497	-1.497	0	%100
99	MP2B	X	2.936	2.936	0	%100
100	MP2B	Z	-1.695	-1.695	0	%100
101	MP1B	X	2.65	2.65	0	%100
102	MP1B	Z	-1.53	-1.53	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,%]
103	OVP	X	2.077	2.077	0	%100
104	OVP	Z	-1.199	-1.199	0	%100
105	M102	X	.734	.734	0	%100
106	M102	Z	-.424	-.424	0	%100
107	M107	X	2.936	2.936	0	%100
108	M107	Z	-1.695	-1.695	0	%100
109	M112	X	.734	.734	0	%100
110	M112	Z	-.424	-.424	0	%100
111	M123	X	.72	.72	0	%100
112	M123	Z	-.416	-.416	0	%100
113	M124	X	.72	.72	0	%100
114	M124	Z	-.416	-.416	0	%100
115	M125	X	2.882	2.882	0	%100
116	M125	Z	-1.664	-1.664	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	M4	X	3.537	3.537	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.994	2.994	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.994	2.994	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.39	3.39	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.06	3.06	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.469	2.469	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.469	2.469	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.322	4.322	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.287	3.287	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.42	3.42	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.322	4.322	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.287	3.287	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.42	3.42	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.884	.884	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.176	2.176	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	2.176	2.176	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,%]
40	M36	Z	0	0	0	%100
41	M37	X	3.271	3.271	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	2.469	2.469	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	1.081	1.081	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	3.287	3.287	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	3.42	3.42	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	1.081	1.081	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.884	.884	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.176	2.176	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	2.176	2.176	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	3.271	3.271	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	2.469	2.469	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	1.081	1.081	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	1.081	1.081	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	3.287	3.287	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	3.42	3.42	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	2.797	2.797	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	2.994	2.994	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	2.994	2.994	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	3.39	3.39	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	3.06	3.06	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	2.797	2.797	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	2.994	2.994	0	%100
96	MP3B	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,%]
97	MP4B	X	2.994	2.994	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	3.39	3.39	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	3.06	3.06	0	%100
102	MP1B	Z	0	0	0	%100
103	OVP	X	2.398	2.398	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	2.542	2.542	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	2.542	2.542	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	2.496	2.496	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	2.496	2.496	0	%100
116	M125	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	.807	.807	0	%100
2	M1	Z	.466	.466	0	%100
3	M4	X	2.297	2.297	0	%100
4	M4	Z	1.326	1.326	0	%100
5	M10	X	.628	.628	0	%100
6	M10	Z	.363	.363	0	%100
7	MP3A	X	2.593	2.593	0	%100
8	MP3A	Z	1.497	1.497	0	%100
9	MP4A	X	2.593	2.593	0	%100
10	MP4A	Z	1.497	1.497	0	%100
11	MP2A	X	2.936	2.936	0	%100
12	MP2A	Z	1.695	1.695	0	%100
13	MP1A	X	2.65	2.65	0	%100
14	MP1A	Z	1.53	1.53	0	%100
15	M43	X	.628	.628	0	%100
16	M43	Z	.363	.363	0	%100
17	M46	X	.944	.944	0	%100
18	M46	Z	.545	.545	0	%100
19	M51B	X	.713	.713	0	%100
20	M51B	Z	.411	.411	0	%100
21	M52B	X	2.851	2.851	0	%100
22	M52B	Z	1.646	1.646	0	%100
23	M76	X	2.807	2.807	0	%100
24	M76	Z	1.621	1.621	0	%100
25	M77	X	.949	.949	0	%100
26	M77	Z	.548	.548	0	%100
27	M80	X	.987	.987	0	%100
28	M80	Z	.57	.57	0	%100
29	M84	X	2.807	2.807	0	%100
30	M84	Z	1.621	1.621	0	%100
31	M85	X	3.795	3.795	0	%100
32	M85	Z	2.191	2.191	0	%100
33	M91	X	3.949	3.949	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,%]
34	M91	Z	2.28	2.28	0	%100
35	M34	X	2.297	2.297	0	%100
36	M34	Z	1.326	1.326	0	%100
37	M35	X	.628	.628	0	%100
38	M35	Z	.363	.363	0	%100
39	M36	X	.628	.628	0	%100
40	M36	Z	.363	.363	0	%100
41	M37	X	.944	.944	0	%100
42	M37	Z	.545	.545	0	%100
43	M40	X	2.851	2.851	0	%100
44	M40	Z	1.646	1.646	0	%100
45	M41	X	.713	.713	0	%100
46	M41	Z	.411	.411	0	%100
47	M45	X	2.807	2.807	0	%100
48	M45	Z	1.621	1.621	0	%100
49	M46A	X	3.795	3.795	0	%100
50	M46A	Z	2.191	2.191	0	%100
51	M48	X	3.949	3.949	0	%100
52	M48	Z	2.28	2.28	0	%100
53	M50A	X	2.807	2.807	0	%100
54	M50A	Z	1.621	1.621	0	%100
55	M51C	X	.949	.949	0	%100
56	M51C	Z	.548	.548	0	%100
57	M53	X	.987	.987	0	%100
58	M53	Z	.57	.57	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.512	2.512	0	%100
62	M59A	Z	1.45	1.45	0	%100
63	M60	X	2.512	2.512	0	%100
64	M60	Z	1.45	1.45	0	%100
65	M61	X	3.777	3.777	0	%100
66	M61	Z	2.181	2.181	0	%100
67	M64	X	.713	.713	0	%100
68	M64	Z	.411	.411	0	%100
69	M65	X	.713	.713	0	%100
70	M65	Z	.411	.411	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.949	.949	0	%100
74	M70	Z	.548	.548	0	%100
75	M72	X	.987	.987	0	%100
76	M72	Z	.57	.57	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.949	.949	0	%100
80	M75	Z	.548	.548	0	%100
81	M77A	X	.987	.987	0	%100
82	M77A	Z	.57	.57	0	%100
83	M82	X	.807	.807	0	%100
84	M82	Z	.466	.466	0	%100
85	MP3C	X	2.593	2.593	0	%100
86	MP3C	Z	1.497	1.497	0	%100
87	MP4C	X	2.593	2.593	0	%100
88	MP4C	Z	1.497	1.497	0	%100
89	MP2C	X	2.936	2.936	0	%100
90	MP2C	Z	1.695	1.695	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,%]
91	MP1C	X	2.65	2.65	0	%100
92	MP1C	Z	1.53	1.53	0	%100
93	M91A	X	3.229	3.229	0	%100
94	M91A	Z	1.864	1.864	0	%100
95	MP3B	X	2.593	2.593	0	%100
96	MP3B	Z	1.497	1.497	0	%100
97	MP4B	X	2.593	2.593	0	%100
98	MP4B	Z	1.497	1.497	0	%100
99	MP2B	X	2.936	2.936	0	%100
100	MP2B	Z	1.695	1.695	0	%100
101	MP1B	X	2.65	2.65	0	%100
102	MP1B	Z	1.53	1.53	0	%100
103	OVP	X	2.077	2.077	0	%100
104	OVP	Z	1.199	1.199	0	%100
105	M102	X	.734	.734	0	%100
106	M102	Z	.424	.424	0	%100
107	M107	X	.734	.734	0	%100
108	M107	Z	.424	.424	0	%100
109	M112	X	2.936	2.936	0	%100
110	M112	Z	1.695	1.695	0	%100
111	M123	X	2.882	2.882	0	%100
112	M123	Z	1.664	1.664	0	%100
113	M124	X	.72	.72	0	%100
114	M124	Z	.416	.416	0	%100
115	M125	X	.72	.72	0	%100
116	M125	Z	.416	.416	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	1.398	1.398	0	%100
2	M1	Z	2.422	2.422	0	%100
3	M4	X	.442	.442	0	%100
4	M4	Z	.766	.766	0	%100
5	M10	X	1.088	1.088	0	%100
6	M10	Z	1.884	1.884	0	%100
7	MP3A	X	1.497	1.497	0	%100
8	MP3A	Z	2.593	2.593	0	%100
9	MP4A	X	1.497	1.497	0	%100
10	MP4A	Z	2.593	2.593	0	%100
11	MP2A	X	1.695	1.695	0	%100
12	MP2A	Z	2.936	2.936	0	%100
13	MP1A	X	1.53	1.53	0	%100
14	MP1A	Z	2.65	2.65	0	%100
15	M43	X	1.088	1.088	0	%100
16	M43	Z	1.884	1.884	0	%100
17	M46	X	1.636	1.636	0	%100
18	M46	Z	2.833	2.833	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.234	1.234	0	%100
22	M52B	Z	2.138	2.138	0	%100
23	M76	X	.54	.54	0	%100
24	M76	Z	.936	.936	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	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,%]
28	M80	Z	0	0	0	%100
29	M84	X	.54	.54	0	%100
30	M84	Z	.936	.936	0	%100
31	M85	X	1.643	1.643	0	%100
32	M85	Z	2.847	2.847	0	%100
33	M91	X	1.71	1.71	0	%100
34	M91	Z	2.961	2.961	0	%100
35	M34	X	1.768	1.768	0	%100
36	M34	Z	3.063	3.063	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	1.234	1.234	0	%100
44	M40	Z	2.138	2.138	0	%100
45	M41	X	1.234	1.234	0	%100
46	M41	Z	2.138	2.138	0	%100
47	M45	X	2.161	2.161	0	%100
48	M45	Z	3.743	3.743	0	%100
49	M46A	X	1.643	1.643	0	%100
50	M46A	Z	2.847	2.847	0	%100
51	M48	X	1.71	1.71	0	%100
52	M48	Z	2.961	2.961	0	%100
53	M50A	X	2.161	2.161	0	%100
54	M50A	Z	3.743	3.743	0	%100
55	M51C	X	1.643	1.643	0	%100
56	M51C	Z	2.847	2.847	0	%100
57	M53	X	1.71	1.71	0	%100
58	M53	Z	2.961	2.961	0	%100
59	M58A	X	.442	.442	0	%100
60	M58A	Z	.766	.766	0	%100
61	M59A	X	1.088	1.088	0	%100
62	M59A	Z	1.884	1.884	0	%100
63	M60	X	1.088	1.088	0	%100
64	M60	Z	1.884	1.884	0	%100
65	M61	X	1.636	1.636	0	%100
66	M61	Z	2.833	2.833	0	%100
67	M64	X	1.234	1.234	0	%100
68	M64	Z	2.138	2.138	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.54	.54	0	%100
72	M69	Z	.936	.936	0	%100
73	M70	X	1.643	1.643	0	%100
74	M70	Z	2.847	2.847	0	%100
75	M72	X	1.71	1.71	0	%100
76	M72	Z	2.961	2.961	0	%100
77	M74	X	.54	.54	0	%100
78	M74	Z	.936	.936	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	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,%]
85	MP3C	X	1.497	1.497	0	%100
86	MP3C	Z	2.593	2.593	0	%100
87	MP4C	X	1.497	1.497	0	%100
88	MP4C	Z	2.593	2.593	0	%100
89	MP2C	X	1.695	1.695	0	%100
90	MP2C	Z	2.936	2.936	0	%100
91	MP1C	X	1.53	1.53	0	%100
92	MP1C	Z	2.65	2.65	0	%100
93	M91A	X	1.398	1.398	0	%100
94	M91A	Z	2.422	2.422	0	%100
95	MP3B	X	1.497	1.497	0	%100
96	MP3B	Z	2.593	2.593	0	%100
97	MP4B	X	1.497	1.497	0	%100
98	MP4B	Z	2.593	2.593	0	%100
99	MP2B	X	1.695	1.695	0	%100
100	MP2B	Z	2.936	2.936	0	%100
101	MP1B	X	1.53	1.53	0	%100
102	MP1B	Z	2.65	2.65	0	%100
103	OVP	X	1.199	1.199	0	%100
104	OVP	Z	2.077	2.077	0	%100
105	M102	X	1.271	1.271	0	%100
106	M102	Z	2.202	2.202	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	1.271	1.271	0	%100
110	M112	Z	2.202	2.202	0	%100
111	M123	X	1.248	1.248	0	%100
112	M123	Z	2.161	2.161	0	%100
113	M124	X	1.248	1.248	0	%100
114	M124	Z	2.161	2.161	0	%100
115	M125	X	0	0	0	%100
116	M125	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	3.729	3.729	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.901	2.901	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.994	2.994	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.994	2.994	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.39	3.39	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.06	3.06	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	2.901	2.901	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	4.362	4.362	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.823	.823	0	%100
21	M52B	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,%]
22	M52B	Z	.823	.823	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.096	1.096	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.14	1.14	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.096	1.096	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.14	1.14	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	2.652	2.652	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.725	.725	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.725	.725	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	1.09	1.09	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.823	.823	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	3.292	3.292	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	3.242	3.242	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	1.096	1.096	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.14	1.14	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	3.242	3.242	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	4.383	4.383	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	4.56	4.56	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.652	2.652	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.725	.725	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.725	.725	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	1.09	1.09	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	3.292	3.292	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.823	.823	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	3.242	3.242	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	4.383	4.383	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	4.56	4.56	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	3.242	3.242	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,%]
79	M75	X	0	0	0	%100
80	M75	Z	1.096	1.096	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.14	1.14	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.932	.932	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	2.994	2.994	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	2.994	2.994	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	3.39	3.39	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	3.06	3.06	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.932	.932	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	2.994	2.994	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.994	2.994	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.39	3.39	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	3.06	3.06	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	2.398	2.398	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	3.39	3.39	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.847	.847	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.847	.847	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.832	.832	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.328	3.328	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.832	.832	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	-1.398	-1.398	0	%100
2	M1	Z	2.422	2.422	0	%100
3	M4	X	-.442	-.442	0	%100
4	M4	Z	.766	.766	0	%100
5	M10	X	-1.088	-1.088	0	%100
6	M10	Z	1.884	1.884	0	%100
7	MP3A	X	-1.497	-1.497	0	%100
8	MP3A	Z	2.593	2.593	0	%100
9	MP4A	X	-1.497	-1.497	0	%100
10	MP4A	Z	2.593	2.593	0	%100
11	MP2A	X	-1.695	-1.695	0	%100
12	MP2A	Z	2.936	2.936	0	%100
13	MP1A	X	-1.53	-1.53	0	%100
14	MP1A	Z	2.65	2.65	0	%100
15	M43	X	-1.088	-1.088	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,%]
16	M43	Z	1.884	1.884	0	%100
17	M46	X	-1.636	-1.636	0	%100
18	M46	Z	2.833	2.833	0	%100
19	M51B	X	-1.234	-1.234	0	%100
20	M51B	Z	2.138	2.138	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.54	-.54	0	%100
24	M76	Z	.936	.936	0	%100
25	M77	X	-1.643	-1.643	0	%100
26	M77	Z	2.847	2.847	0	%100
27	M80	X	-1.71	-1.71	0	%100
28	M80	Z	2.961	2.961	0	%100
29	M84	X	-.54	-.54	0	%100
30	M84	Z	.936	.936	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.442	-.442	0	%100
36	M34	Z	.766	.766	0	%100
37	M35	X	-1.088	-1.088	0	%100
38	M35	Z	1.884	1.884	0	%100
39	M36	X	-1.088	-1.088	0	%100
40	M36	Z	1.884	1.884	0	%100
41	M37	X	-1.636	-1.636	0	%100
42	M37	Z	2.833	2.833	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.234	-1.234	0	%100
46	M41	Z	2.138	2.138	0	%100
47	M45	X	-.54	-.54	0	%100
48	M45	Z	.936	.936	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.54	-.54	0	%100
54	M50A	Z	.936	.936	0	%100
55	M51C	X	-1.643	-1.643	0	%100
56	M51C	Z	2.847	2.847	0	%100
57	M53	X	-1.71	-1.71	0	%100
58	M53	Z	2.961	2.961	0	%100
59	M58A	X	-1.768	-1.768	0	%100
60	M58A	Z	3.063	3.063	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-1.234	-1.234	0	%100
68	M64	Z	2.138	2.138	0	%100
69	M65	X	-1.234	-1.234	0	%100
70	M65	Z	2.138	2.138	0	%100
71	M69	X	-2.161	-2.161	0	%100
72	M69	Z	3.743	3.743	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,%]
73	M70	X	-1.643	-1.643	0	%100
74	M70	Z	2.847	2.847	0	%100
75	M72	X	-1.71	-1.71	0	%100
76	M72	Z	2.961	2.961	0	%100
77	M74	X	-2.161	-2.161	0	%100
78	M74	Z	3.743	3.743	0	%100
79	M75	X	-1.643	-1.643	0	%100
80	M75	Z	2.847	2.847	0	%100
81	M77A	X	-1.71	-1.71	0	%100
82	M77A	Z	2.961	2.961	0	%100
83	M82	X	-1.398	-1.398	0	%100
84	M82	Z	2.422	2.422	0	%100
85	MP3C	X	-1.497	-1.497	0	%100
86	MP3C	Z	2.593	2.593	0	%100
87	MP4C	X	-1.497	-1.497	0	%100
88	MP4C	Z	2.593	2.593	0	%100
89	MP2C	X	-1.695	-1.695	0	%100
90	MP2C	Z	2.936	2.936	0	%100
91	MP1C	X	-1.53	-1.53	0	%100
92	MP1C	Z	2.65	2.65	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-1.497	-1.497	0	%100
96	MP3B	Z	2.593	2.593	0	%100
97	MP4B	X	-1.497	-1.497	0	%100
98	MP4B	Z	2.593	2.593	0	%100
99	MP2B	X	-1.695	-1.695	0	%100
100	MP2B	Z	2.936	2.936	0	%100
101	MP1B	X	-1.53	-1.53	0	%100
102	MP1B	Z	2.65	2.65	0	%100
103	OVP	X	-1.199	-1.199	0	%100
104	OVP	Z	2.077	2.077	0	%100
105	M102	X	-1.271	-1.271	0	%100
106	M102	Z	2.202	2.202	0	%100
107	M107	X	-1.271	-1.271	0	%100
108	M107	Z	2.202	2.202	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.248	-1.248	0	%100
114	M124	Z	2.161	2.161	0	%100
115	M125	X	-1.248	-1.248	0	%100
116	M125	Z	2.161	2.161	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	-.807	-.807	0	%100
2	M1	Z	.466	.466	0	%100
3	M4	X	-2.297	-2.297	0	%100
4	M4	Z	1.326	1.326	0	%100
5	M10	X	-.628	-.628	0	%100
6	M10	Z	.363	.363	0	%100
7	MP3A	X	-2.593	-2.593	0	%100
8	MP3A	Z	1.497	1.497	0	%100
9	MP4A	X	-2.593	-2.593	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,%]
10	MP4A	Z	1.497	1.497	0	%100
11	MP2A	X	-2.936	-2.936	0	%100
12	MP2A	Z	1.695	1.695	0	%100
13	MP1A	X	-2.65	-2.65	0	%100
14	MP1A	Z	1.53	1.53	0	%100
15	M43	X	-.628	-.628	0	%100
16	M43	Z	.363	.363	0	%100
17	M46	X	-.944	-.944	0	%100
18	M46	Z	.545	.545	0	%100
19	M51B	X	-2.851	-2.851	0	%100
20	M51B	Z	1.646	1.646	0	%100
21	M52B	X	-.713	-.713	0	%100
22	M52B	Z	.411	.411	0	%100
23	M76	X	-2.807	-2.807	0	%100
24	M76	Z	1.621	1.621	0	%100
25	M77	X	-3.795	-3.795	0	%100
26	M77	Z	2.191	2.191	0	%100
27	M80	X	-3.949	-3.949	0	%100
28	M80	Z	2.28	2.28	0	%100
29	M84	X	-2.807	-2.807	0	%100
30	M84	Z	1.621	1.621	0	%100
31	M85	X	-.949	-.949	0	%100
32	M85	Z	.548	.548	0	%100
33	M91	X	-.987	-.987	0	%100
34	M91	Z	.57	.57	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.512	-2.512	0	%100
38	M35	Z	1.45	1.45	0	%100
39	M36	X	-2.512	-2.512	0	%100
40	M36	Z	1.45	1.45	0	%100
41	M37	X	-3.777	-3.777	0	%100
42	M37	Z	2.181	2.181	0	%100
43	M40	X	-.713	-.713	0	%100
44	M40	Z	.411	.411	0	%100
45	M41	X	-.713	-.713	0	%100
46	M41	Z	.411	.411	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.949	-.949	0	%100
50	M46A	Z	.548	.548	0	%100
51	M48	X	-.987	-.987	0	%100
52	M48	Z	.57	.57	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.949	-.949	0	%100
56	M51C	Z	.548	.548	0	%100
57	M53	X	-.987	-.987	0	%100
58	M53	Z	.57	.57	0	%100
59	M58A	X	-2.297	-2.297	0	%100
60	M58A	Z	1.326	1.326	0	%100
61	M59A	X	-.628	-.628	0	%100
62	M59A	Z	.363	.363	0	%100
63	M60	X	-.628	-.628	0	%100
64	M60	Z	.363	.363	0	%100
65	M61	X	-.944	-.944	0	%100
66	M61	Z	.545	.545	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,%]
67	M64	X	-.713	-.713	0	%100
68	M64	Z	.411	.411	0	%100
69	M65	X	-2.851	-2.851	0	%100
70	M65	Z	1.646	1.646	0	%100
71	M69	X	-2.807	-2.807	0	%100
72	M69	Z	1.621	1.621	0	%100
73	M70	X	-.949	-.949	0	%100
74	M70	Z	.548	.548	0	%100
75	M72	X	-.987	-.987	0	%100
76	M72	Z	.57	.57	0	%100
77	M74	X	-2.807	-2.807	0	%100
78	M74	Z	1.621	1.621	0	%100
79	M75	X	-3.795	-3.795	0	%100
80	M75	Z	2.191	2.191	0	%100
81	M77A	X	-3.949	-3.949	0	%100
82	M77A	Z	2.28	2.28	0	%100
83	M82	X	-3.229	-3.229	0	%100
84	M82	Z	1.864	1.864	0	%100
85	MP3C	X	-2.593	-2.593	0	%100
86	MP3C	Z	1.497	1.497	0	%100
87	MP4C	X	-2.593	-2.593	0	%100
88	MP4C	Z	1.497	1.497	0	%100
89	MP2C	X	-2.936	-2.936	0	%100
90	MP2C	Z	1.695	1.695	0	%100
91	MP1C	X	-2.65	-2.65	0	%100
92	MP1C	Z	1.53	1.53	0	%100
93	M91A	X	-.807	-.807	0	%100
94	M91A	Z	.466	.466	0	%100
95	MP3B	X	-2.593	-2.593	0	%100
96	MP3B	Z	1.497	1.497	0	%100
97	MP4B	X	-2.593	-2.593	0	%100
98	MP4B	Z	1.497	1.497	0	%100
99	MP2B	X	-2.936	-2.936	0	%100
100	MP2B	Z	1.695	1.695	0	%100
101	MP1B	X	-2.65	-2.65	0	%100
102	MP1B	Z	1.53	1.53	0	%100
103	OVP	X	-2.077	-2.077	0	%100
104	OVP	Z	1.199	1.199	0	%100
105	M102	X	-.734	-.734	0	%100
106	M102	Z	.424	.424	0	%100
107	M107	X	-2.936	-2.936	0	%100
108	M107	Z	1.695	1.695	0	%100
109	M112	X	-.734	-.734	0	%100
110	M112	Z	.424	.424	0	%100
111	M123	X	-.72	-.72	0	%100
112	M123	Z	.416	.416	0	%100
113	M124	X	-.72	-.72	0	%100
114	M124	Z	.416	.416	0	%100
115	M125	X	-2.882	-2.882	0	%100
116	M125	Z	1.664	1.664	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	M4	X	-3.537	-3.537	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,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-2.994	-2.994	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.994	-2.994	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.39	-3.39	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.06	-3.06	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.469	-2.469	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.469	-2.469	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.322	-4.322	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.287	-3.287	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.42	-3.42	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-4.322	-4.322	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.287	-3.287	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.42	-3.42	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.884	-.884	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.176	-2.176	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.176	-2.176	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-3.271	-3.271	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.469	-2.469	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-1.081	-1.081	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-3.287	-3.287	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-3.42	-3.42	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-1.081	-1.081	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.884	-.884	0	%100
60	M58A	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,%]
61	M59A	X	-2.176	-2.176	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-2.176	-2.176	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-3.271	-3.271	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-2.469	-2.469	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-1.081	-1.081	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-1.081	-1.081	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-3.287	-3.287	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-3.42	-3.42	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-2.797	-2.797	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-2.994	-2.994	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-2.994	-2.994	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-3.39	-3.39	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-3.06	-3.06	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-2.797	-2.797	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-2.994	-2.994	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-2.994	-2.994	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-3.39	-3.39	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-3.06	-3.06	0	%100
102	MP1B	Z	0	0	0	%100
103	OVP	X	-2.398	-2.398	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-2.542	-2.542	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-2.542	-2.542	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-2.496	-2.496	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-2.496	-2.496	0	%100
116	M125	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	-.807	-.807	0	%100
2	M1	Z	-.466	-.466	0	%100
3	M4	X	-2.297	-2.297	0	%100
4	M4	Z	-1.326	-1.326	0	%100
5	M10	X	-.628	-.628	0	%100
6	M10	Z	-.363	-.363	0	%100
7	MP3A	X	-2.593	-2.593	0	%100
8	MP3A	Z	-1.497	-1.497	0	%100
9	MP4A	X	-2.593	-2.593	0	%100
10	MP4A	Z	-1.497	-1.497	0	%100
11	MP2A	X	-2.936	-2.936	0	%100
12	MP2A	Z	-1.695	-1.695	0	%100
13	MP1A	X	-2.65	-2.65	0	%100
14	MP1A	Z	-1.53	-1.53	0	%100
15	M43	X	-.628	-.628	0	%100
16	M43	Z	-.363	-.363	0	%100
17	M46	X	-.944	-.944	0	%100
18	M46	Z	-.545	-.545	0	%100
19	M51B	X	-.713	-.713	0	%100
20	M51B	Z	-.411	-.411	0	%100
21	M52B	X	-2.851	-2.851	0	%100
22	M52B	Z	-1.646	-1.646	0	%100
23	M76	X	-2.807	-2.807	0	%100
24	M76	Z	-1.621	-1.621	0	%100
25	M77	X	-.949	-.949	0	%100
26	M77	Z	-.548	-.548	0	%100
27	M80	X	-.987	-.987	0	%100
28	M80	Z	-.57	-.57	0	%100
29	M84	X	-2.807	-2.807	0	%100
30	M84	Z	-1.621	-1.621	0	%100
31	M85	X	-3.795	-3.795	0	%100
32	M85	Z	-2.191	-2.191	0	%100
33	M91	X	-3.949	-3.949	0	%100
34	M91	Z	-2.28	-2.28	0	%100
35	M34	X	-2.297	-2.297	0	%100
36	M34	Z	-1.326	-1.326	0	%100
37	M35	X	-.628	-.628	0	%100
38	M35	Z	-.363	-.363	0	%100
39	M36	X	-.628	-.628	0	%100
40	M36	Z	-.363	-.363	0	%100
41	M37	X	-.944	-.944	0	%100
42	M37	Z	-.545	-.545	0	%100
43	M40	X	-2.851	-2.851	0	%100
44	M40	Z	-1.646	-1.646	0	%100
45	M41	X	-.713	-.713	0	%100
46	M41	Z	-.411	-.411	0	%100
47	M45	X	-2.807	-2.807	0	%100
48	M45	Z	-1.621	-1.621	0	%100
49	M46A	X	-3.795	-3.795	0	%100
50	M46A	Z	-2.191	-2.191	0	%100
51	M48	X	-3.949	-3.949	0	%100
52	M48	Z	-2.28	-2.28	0	%100
53	M50A	X	-2.807	-2.807	0	%100
54	M50A	Z	-1.621	-1.621	0	%100
55	M51C	X	-.949	-.949	0	%100
56	M51C	Z	-.548	-.548	0	%100
57	M53	X	-.987	-.987	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	M53	Z	-.57	-.57	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.512	-2.512	0	%100
62	M59A	Z	-1.45	-1.45	0	%100
63	M60	X	-2.512	-2.512	0	%100
64	M60	Z	-1.45	-1.45	0	%100
65	M61	X	-3.777	-3.777	0	%100
66	M61	Z	-2.181	-2.181	0	%100
67	M64	X	-.713	-.713	0	%100
68	M64	Z	-.411	-.411	0	%100
69	M65	X	-.713	-.713	0	%100
70	M65	Z	-.411	-.411	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.949	-.949	0	%100
74	M70	Z	-.548	-.548	0	%100
75	M72	X	-.987	-.987	0	%100
76	M72	Z	-.57	-.57	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.949	-.949	0	%100
80	M75	Z	-.548	-.548	0	%100
81	M77A	X	-.987	-.987	0	%100
82	M77A	Z	-.57	-.57	0	%100
83	M82	X	-.807	-.807	0	%100
84	M82	Z	-.466	-.466	0	%100
85	MP3C	X	-2.593	-2.593	0	%100
86	MP3C	Z	-1.497	-1.497	0	%100
87	MP4C	X	-2.593	-2.593	0	%100
88	MP4C	Z	-1.497	-1.497	0	%100
89	MP2C	X	-2.936	-2.936	0	%100
90	MP2C	Z	-1.695	-1.695	0	%100
91	MP1C	X	-2.65	-2.65	0	%100
92	MP1C	Z	-1.53	-1.53	0	%100
93	M91A	X	-3.229	-3.229	0	%100
94	M91A	Z	-1.864	-1.864	0	%100
95	MP3B	X	-2.593	-2.593	0	%100
96	MP3B	Z	-1.497	-1.497	0	%100
97	MP4B	X	-2.593	-2.593	0	%100
98	MP4B	Z	-1.497	-1.497	0	%100
99	MP2B	X	-2.936	-2.936	0	%100
100	MP2B	Z	-1.695	-1.695	0	%100
101	MP1B	X	-2.65	-2.65	0	%100
102	MP1B	Z	-1.53	-1.53	0	%100
103	OVP	X	-2.077	-2.077	0	%100
104	OVP	Z	-1.199	-1.199	0	%100
105	M102	X	-.734	-.734	0	%100
106	M102	Z	-.424	-.424	0	%100
107	M107	X	-.734	-.734	0	%100
108	M107	Z	-.424	-.424	0	%100
109	M112	X	-2.936	-2.936	0	%100
110	M112	Z	-1.695	-1.695	0	%100
111	M123	X	-2.882	-2.882	0	%100
112	M123	Z	-1.664	-1.664	0	%100
113	M124	X	-.72	-.72	0	%100
114	M124	Z	-.416	-.416	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	M125	X	-.72	-.72	0	%100
116	M125	Z	-.416	-.416	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	-1.398	-1.398	0	%100
2	M1	Z	-2.422	-2.422	0	%100
3	M4	X	-.442	-.442	0	%100
4	M4	Z	-.766	-.766	0	%100
5	M10	X	-1.088	-1.088	0	%100
6	M10	Z	-1.884	-1.884	0	%100
7	MP3A	X	-1.497	-1.497	0	%100
8	MP3A	Z	-2.593	-2.593	0	%100
9	MP4A	X	-1.497	-1.497	0	%100
10	MP4A	Z	-2.593	-2.593	0	%100
11	MP2A	X	-1.695	-1.695	0	%100
12	MP2A	Z	-2.936	-2.936	0	%100
13	MP1A	X	-1.53	-1.53	0	%100
14	MP1A	Z	-2.65	-2.65	0	%100
15	M43	X	-1.088	-1.088	0	%100
16	M43	Z	-1.884	-1.884	0	%100
17	M46	X	-1.636	-1.636	0	%100
18	M46	Z	-2.833	-2.833	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.234	-1.234	0	%100
22	M52B	Z	-2.138	-2.138	0	%100
23	M76	X	-.54	-.54	0	%100
24	M76	Z	-.936	-.936	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.54	-.54	0	%100
30	M84	Z	-.936	-.936	0	%100
31	M85	X	-1.643	-1.643	0	%100
32	M85	Z	-2.847	-2.847	0	%100
33	M91	X	-1.71	-1.71	0	%100
34	M91	Z	-2.961	-2.961	0	%100
35	M34	X	-1.768	-1.768	0	%100
36	M34	Z	-3.063	-3.063	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.234	-1.234	0	%100
44	M40	Z	-2.138	-2.138	0	%100
45	M41	X	-1.234	-1.234	0	%100
46	M41	Z	-2.138	-2.138	0	%100
47	M45	X	-2.161	-2.161	0	%100
48	M45	Z	-3.743	-3.743	0	%100
49	M46A	X	-1.643	-1.643	0	%100
50	M46A	Z	-2.847	-2.847	0	%100
51	M48	X	-1.71	-1.71	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,%]
52	M48	Z	-2.961	-2.961	0	%100
53	M50A	X	-2.161	-2.161	0	%100
54	M50A	Z	-3.743	-3.743	0	%100
55	M51C	X	-1.643	-1.643	0	%100
56	M51C	Z	-2.847	-2.847	0	%100
57	M53	X	-1.71	-1.71	0	%100
58	M53	Z	-2.961	-2.961	0	%100
59	M58A	X	-.442	-.442	0	%100
60	M58A	Z	-.766	-.766	0	%100
61	M59A	X	-1.088	-1.088	0	%100
62	M59A	Z	-1.884	-1.884	0	%100
63	M60	X	-1.088	-1.088	0	%100
64	M60	Z	-1.884	-1.884	0	%100
65	M61	X	-1.636	-1.636	0	%100
66	M61	Z	-2.833	-2.833	0	%100
67	M64	X	-1.234	-1.234	0	%100
68	M64	Z	-2.138	-2.138	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.54	-.54	0	%100
72	M69	Z	-.936	-.936	0	%100
73	M70	X	-1.643	-1.643	0	%100
74	M70	Z	-2.847	-2.847	0	%100
75	M72	X	-1.71	-1.71	0	%100
76	M72	Z	-2.961	-2.961	0	%100
77	M74	X	-.54	-.54	0	%100
78	M74	Z	-.936	-.936	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-1.497	-1.497	0	%100
86	MP3C	Z	-2.593	-2.593	0	%100
87	MP4C	X	-1.497	-1.497	0	%100
88	MP4C	Z	-2.593	-2.593	0	%100
89	MP2C	X	-1.695	-1.695	0	%100
90	MP2C	Z	-2.936	-2.936	0	%100
91	MP1C	X	-1.53	-1.53	0	%100
92	MP1C	Z	-2.65	-2.65	0	%100
93	M91A	X	-1.398	-1.398	0	%100
94	M91A	Z	-2.422	-2.422	0	%100
95	MP3B	X	-1.497	-1.497	0	%100
96	MP3B	Z	-2.593	-2.593	0	%100
97	MP4B	X	-1.497	-1.497	0	%100
98	MP4B	Z	-2.593	-2.593	0	%100
99	MP2B	X	-1.695	-1.695	0	%100
100	MP2B	Z	-2.936	-2.936	0	%100
101	MP1B	X	-1.53	-1.53	0	%100
102	MP1B	Z	-2.65	-2.65	0	%100
103	OVP	X	-1.199	-1.199	0	%100
104	OVP	Z	-2.077	-2.077	0	%100
105	M102	X	-1.271	-1.271	0	%100
106	M102	Z	-2.202	-2.202	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	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,%]
109	M112	X	-1.271	-1.271	0	%100
110	M112	Z	-2.202	-2.202	0	%100
111	M123	X	-1.248	-1.248	0	%100
112	M123	Z	-2.161	-2.161	0	%100
113	M124	X	-1.248	-1.248	0	%100
114	M124	Z	-2.161	-2.161	0	%100
115	M125	X	0	0	0	%100
116	M125	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	-.683	-.683	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.587	-.587	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.464	-.464	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.464	-.464	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.561	-.561	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.464	-.464	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.587	-.587	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.172	-1.172	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.163	-.163	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.163	-.163	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.298	-.298	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.314	-.314	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.298	-.298	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.314	-.314	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.521	-.521	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.147	-.147	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.147	-.147	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.293	-.293	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.163	-.163	0	%100
45	M41	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,%]
46	M41	Z	-.651	-.651	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-.879	-.879	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.298	-.298	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.314	-.314	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-.879	-.879	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.193	-1.193	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.257	-1.257	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.521	-.521	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.147	-.147	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.147	-.147	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.293	-.293	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-.651	-.651	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.163	-.163	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-.879	-.879	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.193	-1.193	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.257	-1.257	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-.879	-.879	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.298	-.298	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.314	-.314	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.171	-.171	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-.464	-.464	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.464	-.464	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.561	-.561	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.464	-.464	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.171	-.171	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.464	-.464	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.464	-.464	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.561	-.561	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.464	-.464	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,%]
103	OVP	X	0	0	0	%100
104	OVP	Z	-.379	-.379	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.561	-.561	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.14	-.14	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.14	-.14	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.184	-.184	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.734	-.734	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.184	-.184	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	.256	.256	0	%100
2	M1	Z	-.444	-.444	0	%100
3	M4	X	.087	.087	0	%100
4	M4	Z	-.15	-.15	0	%100
5	M10	X	.22	.22	0	%100
6	M10	Z	-.382	-.382	0	%100
7	MP3A	X	.232	.232	0	%100
8	MP3A	Z	-.402	-.402	0	%100
9	MP4A	X	.232	.232	0	%100
10	MP4A	Z	-.402	-.402	0	%100
11	MP2A	X	.281	.281	0	%100
12	MP2A	Z	-.486	-.486	0	%100
13	MP1A	X	.232	.232	0	%100
14	MP1A	Z	-.402	-.402	0	%100
15	M43	X	.22	.22	0	%100
16	M43	Z	-.382	-.382	0	%100
17	M46	X	.439	.439	0	%100
18	M46	Z	-.761	-.761	0	%100
19	M51B	X	.244	.244	0	%100
20	M51B	Z	-.423	-.423	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.146	.146	0	%100
24	M76	Z	-.254	-.254	0	%100
25	M77	X	.447	.447	0	%100
26	M77	Z	-.775	-.775	0	%100
27	M80	X	.471	.471	0	%100
28	M80	Z	-.816	-.816	0	%100
29	M84	X	.146	.146	0	%100
30	M84	Z	-.254	-.254	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.087	.087	0	%100
36	M34	Z	-.15	-.15	0	%100
37	M35	X	.22	.22	0	%100
38	M35	Z	-.382	-.382	0	%100
39	M36	X	.22	.22	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,%]
40	M36	Z	-.382	-.382	0	%100
41	M37	X	.439	.439	0	%100
42	M37	Z	-.761	-.761	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.244	.244	0	%100
46	M41	Z	-.423	-.423	0	%100
47	M45	X	.146	.146	0	%100
48	M45	Z	-.254	-.254	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.146	.146	0	%100
54	M50A	Z	-.254	-.254	0	%100
55	M51C	X	.447	.447	0	%100
56	M51C	Z	-.775	-.775	0	%100
57	M53	X	.471	.471	0	%100
58	M53	Z	-.816	-.816	0	%100
59	M58A	X	.347	.347	0	%100
60	M58A	Z	-.601	-.601	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.244	.244	0	%100
68	M64	Z	-.423	-.423	0	%100
69	M65	X	.244	.244	0	%100
70	M65	Z	-.423	-.423	0	%100
71	M69	X	.586	.586	0	%100
72	M69	Z	-1.015	-1.015	0	%100
73	M70	X	.447	.447	0	%100
74	M70	Z	-.775	-.775	0	%100
75	M72	X	.471	.471	0	%100
76	M72	Z	-.816	-.816	0	%100
77	M74	X	.586	.586	0	%100
78	M74	Z	-1.015	-1.015	0	%100
79	M75	X	.447	.447	0	%100
80	M75	Z	-.775	-.775	0	%100
81	M77A	X	.471	.471	0	%100
82	M77A	Z	-.816	-.816	0	%100
83	M82	X	.256	.256	0	%100
84	M82	Z	-.444	-.444	0	%100
85	MP3C	X	.232	.232	0	%100
86	MP3C	Z	-.402	-.402	0	%100
87	MP4C	X	.232	.232	0	%100
88	MP4C	Z	-.402	-.402	0	%100
89	MP2C	X	.281	.281	0	%100
90	MP2C	Z	-.486	-.486	0	%100
91	MP1C	X	.232	.232	0	%100
92	MP1C	Z	-.402	-.402	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.232	.232	0	%100
96	MP3B	Z	-.402	-.402	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,%]
97	MP4B	X	.232	.232	0	%100
98	MP4B	Z	-.402	-.402	0	%100
99	MP2B	X	.281	.281	0	%100
100	MP2B	Z	-.486	-.486	0	%100
101	MP1B	X	.232	.232	0	%100
102	MP1B	Z	-.402	-.402	0	%100
103	OVP	X	.19	.19	0	%100
104	OVP	Z	-.328	-.328	0	%100
105	M102	X	.211	.211	0	%100
106	M102	Z	-.365	-.365	0	%100
107	M107	X	.211	.211	0	%100
108	M107	Z	-.365	-.365	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.275	.275	0	%100
114	M124	Z	-.477	-.477	0	%100
115	M125	X	.275	.275	0	%100
116	M125	Z	-.477	-.477	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	.148	.148	0	%100
2	M1	Z	-.085	-.085	0	%100
3	M4	X	.451	.451	0	%100
4	M4	Z	-.26	-.26	0	%100
5	M10	X	.127	.127	0	%100
6	M10	Z	-.073	-.073	0	%100
7	MP3A	X	.402	.402	0	%100
8	MP3A	Z	-.232	-.232	0	%100
9	MP4A	X	.402	.402	0	%100
10	MP4A	Z	-.232	-.232	0	%100
11	MP2A	X	.486	.486	0	%100
12	MP2A	Z	-.281	-.281	0	%100
13	MP1A	X	.402	.402	0	%100
14	MP1A	Z	-.232	-.232	0	%100
15	M43	X	.127	.127	0	%100
16	M43	Z	-.073	-.073	0	%100
17	M46	X	.254	.254	0	%100
18	M46	Z	-.146	-.146	0	%100
19	M51B	X	.563	.563	0	%100
20	M51B	Z	-.325	-.325	0	%100
21	M52B	X	.141	.141	0	%100
22	M52B	Z	-.081	-.081	0	%100
23	M76	X	.761	.761	0	%100
24	M76	Z	-.439	-.439	0	%100
25	M77	X	1.033	1.033	0	%100
26	M77	Z	-.597	-.597	0	%100
27	M80	X	1.089	1.089	0	%100
28	M80	Z	-.628	-.628	0	%100
29	M84	X	.761	.761	0	%100
30	M84	Z	-.439	-.439	0	%100
31	M85	X	.258	.258	0	%100
32	M85	Z	-.149	-.149	0	%100
33	M91	X	.272	.272	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,%]
34	M91	Z	-.157	-.157	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.509	.509	0	%100
38	M35	Z	-.294	-.294	0	%100
39	M36	X	.509	.509	0	%100
40	M36	Z	-.294	-.294	0	%100
41	M37	X	1.015	1.015	0	%100
42	M37	Z	-.586	-.586	0	%100
43	M40	X	.141	.141	0	%100
44	M40	Z	-.081	-.081	0	%100
45	M41	X	.141	.141	0	%100
46	M41	Z	-.081	-.081	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.258	.258	0	%100
50	M46A	Z	-.149	-.149	0	%100
51	M48	X	.272	.272	0	%100
52	M48	Z	-.157	-.157	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.258	.258	0	%100
56	M51C	Z	-.149	-.149	0	%100
57	M53	X	.272	.272	0	%100
58	M53	Z	-.157	-.157	0	%100
59	M58A	X	.451	.451	0	%100
60	M58A	Z	-.26	-.26	0	%100
61	M59A	X	.127	.127	0	%100
62	M59A	Z	-.073	-.073	0	%100
63	M60	X	.127	.127	0	%100
64	M60	Z	-.073	-.073	0	%100
65	M61	X	.254	.254	0	%100
66	M61	Z	-.146	-.146	0	%100
67	M64	X	.141	.141	0	%100
68	M64	Z	-.081	-.081	0	%100
69	M65	X	.563	.563	0	%100
70	M65	Z	-.325	-.325	0	%100
71	M69	X	.761	.761	0	%100
72	M69	Z	-.439	-.439	0	%100
73	M70	X	.258	.258	0	%100
74	M70	Z	-.149	-.149	0	%100
75	M72	X	.272	.272	0	%100
76	M72	Z	-.157	-.157	0	%100
77	M74	X	.761	.761	0	%100
78	M74	Z	-.439	-.439	0	%100
79	M75	X	1.033	1.033	0	%100
80	M75	Z	-.597	-.597	0	%100
81	M77A	X	1.089	1.089	0	%100
82	M77A	Z	-.628	-.628	0	%100
83	M82	X	.592	.592	0	%100
84	M82	Z	-.342	-.342	0	%100
85	MP3C	X	.402	.402	0	%100
86	MP3C	Z	-.232	-.232	0	%100
87	MP4C	X	.402	.402	0	%100
88	MP4C	Z	-.232	-.232	0	%100
89	MP2C	X	.486	.486	0	%100
90	MP2C	Z	-.281	-.281	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,%]
91	MP1C	X	.402	.402	0	%100
92	MP1C	Z	-.232	-.232	0	%100
93	M91A	X	.148	.148	0	%100
94	M91A	Z	-.085	-.085	0	%100
95	MP3B	X	.402	.402	0	%100
96	MP3B	Z	-.232	-.232	0	%100
97	MP4B	X	.402	.402	0	%100
98	MP4B	Z	-.232	-.232	0	%100
99	MP2B	X	.486	.486	0	%100
100	MP2B	Z	-.281	-.281	0	%100
101	MP1B	X	.402	.402	0	%100
102	MP1B	Z	-.232	-.232	0	%100
103	OVP	X	.328	.328	0	%100
104	OVP	Z	-.19	-.19	0	%100
105	M102	X	.122	.122	0	%100
106	M102	Z	-.07	-.07	0	%100
107	M107	X	.486	.486	0	%100
108	M107	Z	-.281	-.281	0	%100
109	M112	X	.122	.122	0	%100
110	M112	Z	-.07	-.07	0	%100
111	M123	X	.159	.159	0	%100
112	M123	Z	-.092	-.092	0	%100
113	M124	X	.159	.159	0	%100
114	M124	Z	-.092	-.092	0	%100
115	M125	X	.636	.636	0	%100
116	M125	Z	-.367	-.367	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	M4	X	.694	.694	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.464	.464	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.464	.464	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.561	.561	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.464	.464	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.488	.488	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.488	.488	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.172	1.172	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	.895	.895	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	.943	.943	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,%]
28	M80	Z	0	0	0	%100
29	M84	X	1.172	1.172	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	.895	.895	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	.943	.943	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.174	.174	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.441	.441	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.441	.441	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	.879	.879	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.488	.488	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.293	.293	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.895	.895	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	.943	.943	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.293	.293	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.174	.174	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.441	.441	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.441	.441	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	.879	.879	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.488	.488	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.293	.293	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.293	.293	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.895	.895	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	.943	.943	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.513	.513	0	%100
84	M82	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,%]
85	MP3C	X	.464	.464	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	.464	.464	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.561	.561	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	.464	.464	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	.513	.513	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.464	.464	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.464	.464	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.561	.561	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.464	.464	0	%100
102	MP1B	Z	0	0	0	%100
103	OVP	X	.379	.379	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	.421	.421	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	.421	.421	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.551	.551	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.551	.551	0	%100
116	M125	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	.148	.148	0	%100
2	M1	Z	.085	.085	0	%100
3	M4	X	.451	.451	0	%100
4	M4	Z	.26	.26	0	%100
5	M10	X	.127	.127	0	%100
6	M10	Z	.073	.073	0	%100
7	MP3A	X	.402	.402	0	%100
8	MP3A	Z	.232	.232	0	%100
9	MP4A	X	.402	.402	0	%100
10	MP4A	Z	.232	.232	0	%100
11	MP2A	X	.486	.486	0	%100
12	MP2A	Z	.281	.281	0	%100
13	MP1A	X	.402	.402	0	%100
14	MP1A	Z	.232	.232	0	%100
15	M43	X	.127	.127	0	%100
16	M43	Z	.073	.073	0	%100
17	M46	X	.254	.254	0	%100
18	M46	Z	.146	.146	0	%100
19	M51B	X	.141	.141	0	%100
20	M51B	Z	.081	.081	0	%100
21	M52B	X	.563	.563	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,%]
22	M52B	Z	.325	.325	0	%100
23	M76	X	.761	.761	0	%100
24	M76	Z	.439	.439	0	%100
25	M77	X	.258	.258	0	%100
26	M77	Z	.149	.149	0	%100
27	M80	X	.272	.272	0	%100
28	M80	Z	.157	.157	0	%100
29	M84	X	.761	.761	0	%100
30	M84	Z	.439	.439	0	%100
31	M85	X	1.033	1.033	0	%100
32	M85	Z	.597	.597	0	%100
33	M91	X	1.089	1.089	0	%100
34	M91	Z	.628	.628	0	%100
35	M34	X	.451	.451	0	%100
36	M34	Z	.26	.26	0	%100
37	M35	X	.127	.127	0	%100
38	M35	Z	.073	.073	0	%100
39	M36	X	.127	.127	0	%100
40	M36	Z	.073	.073	0	%100
41	M37	X	.254	.254	0	%100
42	M37	Z	.146	.146	0	%100
43	M40	X	.563	.563	0	%100
44	M40	Z	.325	.325	0	%100
45	M41	X	.141	.141	0	%100
46	M41	Z	.081	.081	0	%100
47	M45	X	.761	.761	0	%100
48	M45	Z	.439	.439	0	%100
49	M46A	X	1.033	1.033	0	%100
50	M46A	Z	.597	.597	0	%100
51	M48	X	1.089	1.089	0	%100
52	M48	Z	.628	.628	0	%100
53	M50A	X	.761	.761	0	%100
54	M50A	Z	.439	.439	0	%100
55	M51C	X	.258	.258	0	%100
56	M51C	Z	.149	.149	0	%100
57	M53	X	.272	.272	0	%100
58	M53	Z	.157	.157	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.509	.509	0	%100
62	M59A	Z	.294	.294	0	%100
63	M60	X	.509	.509	0	%100
64	M60	Z	.294	.294	0	%100
65	M61	X	1.015	1.015	0	%100
66	M61	Z	.586	.586	0	%100
67	M64	X	.141	.141	0	%100
68	M64	Z	.081	.081	0	%100
69	M65	X	.141	.141	0	%100
70	M65	Z	.081	.081	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.258	.258	0	%100
74	M70	Z	.149	.149	0	%100
75	M72	X	.272	.272	0	%100
76	M72	Z	.157	.157	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M75	X	.258	.258	0	%100
80	M75	Z	.149	.149	0	%100
81	M77A	X	.272	.272	0	%100
82	M77A	Z	.157	.157	0	%100
83	M82	X	.148	.148	0	%100
84	M82	Z	.085	.085	0	%100
85	MP3C	X	.402	.402	0	%100
86	MP3C	Z	.232	.232	0	%100
87	MP4C	X	.402	.402	0	%100
88	MP4C	Z	.232	.232	0	%100
89	MP2C	X	.486	.486	0	%100
90	MP2C	Z	.281	.281	0	%100
91	MP1C	X	.402	.402	0	%100
92	MP1C	Z	.232	.232	0	%100
93	M91A	X	.592	.592	0	%100
94	M91A	Z	.342	.342	0	%100
95	MP3B	X	.402	.402	0	%100
96	MP3B	Z	.232	.232	0	%100
97	MP4B	X	.402	.402	0	%100
98	MP4B	Z	.232	.232	0	%100
99	MP2B	X	.486	.486	0	%100
100	MP2B	Z	.281	.281	0	%100
101	MP1B	X	.402	.402	0	%100
102	MP1B	Z	.232	.232	0	%100
103	OVP	X	.328	.328	0	%100
104	OVP	Z	.19	.19	0	%100
105	M102	X	.122	.122	0	%100
106	M102	Z	.07	.07	0	%100
107	M107	X	.122	.122	0	%100
108	M107	Z	.07	.07	0	%100
109	M112	X	.486	.486	0	%100
110	M112	Z	.281	.281	0	%100
111	M123	X	.636	.636	0	%100
112	M123	Z	.367	.367	0	%100
113	M124	X	.159	.159	0	%100
114	M124	Z	.092	.092	0	%100
115	M125	X	.159	.159	0	%100
116	M125	Z	.092	.092	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	.256	.256	0	%100
2	M1	Z	.444	.444	0	%100
3	M4	X	.087	.087	0	%100
4	M4	Z	.15	.15	0	%100
5	M10	X	.22	.22	0	%100
6	M10	Z	.382	.382	0	%100
7	MP3A	X	.232	.232	0	%100
8	MP3A	Z	.402	.402	0	%100
9	MP4A	X	.232	.232	0	%100
10	MP4A	Z	.402	.402	0	%100
11	MP2A	X	.281	.281	0	%100
12	MP2A	Z	.486	.486	0	%100
13	MP1A	X	.232	.232	0	%100
14	MP1A	Z	.402	.402	0	%100
15	M43	X	.22	.22	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,%]
16	M43	Z	.382	.382	0	%100
17	M46	X	.439	.439	0	%100
18	M46	Z	.761	.761	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.244	.244	0	%100
22	M52B	Z	.423	.423	0	%100
23	M76	X	.146	.146	0	%100
24	M76	Z	.254	.254	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.146	.146	0	%100
30	M84	Z	.254	.254	0	%100
31	M85	X	.447	.447	0	%100
32	M85	Z	.775	.775	0	%100
33	M91	X	.471	.471	0	%100
34	M91	Z	.816	.816	0	%100
35	M34	X	.347	.347	0	%100
36	M34	Z	.601	.601	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.244	.244	0	%100
44	M40	Z	.423	.423	0	%100
45	M41	X	.244	.244	0	%100
46	M41	Z	.423	.423	0	%100
47	M45	X	.586	.586	0	%100
48	M45	Z	1.015	1.015	0	%100
49	M46A	X	.447	.447	0	%100
50	M46A	Z	.775	.775	0	%100
51	M48	X	.471	.471	0	%100
52	M48	Z	.816	.816	0	%100
53	M50A	X	.586	.586	0	%100
54	M50A	Z	1.015	1.015	0	%100
55	M51C	X	.447	.447	0	%100
56	M51C	Z	.775	.775	0	%100
57	M53	X	.471	.471	0	%100
58	M53	Z	.816	.816	0	%100
59	M58A	X	.087	.087	0	%100
60	M58A	Z	.15	.15	0	%100
61	M59A	X	.22	.22	0	%100
62	M59A	Z	.382	.382	0	%100
63	M60	X	.22	.22	0	%100
64	M60	Z	.382	.382	0	%100
65	M61	X	.439	.439	0	%100
66	M61	Z	.761	.761	0	%100
67	M64	X	.244	.244	0	%100
68	M64	Z	.423	.423	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.146	.146	0	%100
72	M69	Z	.254	.254	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,%]
73	M70	X	.447	.447	0	%100
74	M70	Z	.775	.775	0	%100
75	M72	X	.471	.471	0	%100
76	M72	Z	.816	.816	0	%100
77	M74	X	.146	.146	0	%100
78	M74	Z	.254	.254	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.232	.232	0	%100
86	MP3C	Z	.402	.402	0	%100
87	MP4C	X	.232	.232	0	%100
88	MP4C	Z	.402	.402	0	%100
89	MP2C	X	.281	.281	0	%100
90	MP2C	Z	.486	.486	0	%100
91	MP1C	X	.232	.232	0	%100
92	MP1C	Z	.402	.402	0	%100
93	M91A	X	.256	.256	0	%100
94	M91A	Z	.444	.444	0	%100
95	MP3B	X	.232	.232	0	%100
96	MP3B	Z	.402	.402	0	%100
97	MP4B	X	.232	.232	0	%100
98	MP4B	Z	.402	.402	0	%100
99	MP2B	X	.281	.281	0	%100
100	MP2B	Z	.486	.486	0	%100
101	MP1B	X	.232	.232	0	%100
102	MP1B	Z	.402	.402	0	%100
103	OVP	X	.19	.19	0	%100
104	OVP	Z	.328	.328	0	%100
105	M102	X	.211	.211	0	%100
106	M102	Z	.365	.365	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	.211	.211	0	%100
110	M112	Z	.365	.365	0	%100
111	M123	X	.275	.275	0	%100
112	M123	Z	.477	.477	0	%100
113	M124	X	.275	.275	0	%100
114	M124	Z	.477	.477	0	%100
115	M125	X	0	0	0	%100
116	M125	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	.683	.683	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.587	.587	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.464	.464	0	%100
9	MP4A	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,%]
10	MP4A	Z	.464	.464	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.561	.561	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.464	.464	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.587	.587	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.172	1.172	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.163	.163	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.163	.163	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.298	.298	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.314	.314	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.298	.298	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.314	.314	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.521	.521	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.147	.147	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.147	.147	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.293	.293	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.163	.163	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.651	.651	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	.879	.879	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.298	.298	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.314	.314	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	.879	.879	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.193	1.193	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.257	1.257	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.521	.521	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.147	.147	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.147	.147	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.293	.293	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,%]
67	M64	X	0	0	0	%100
68	M64	Z	.651	.651	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.163	.163	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	.879	.879	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.193	1.193	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.257	1.257	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	.879	.879	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.298	.298	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.314	.314	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.171	.171	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	.464	.464	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.464	.464	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.561	.561	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.464	.464	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.171	.171	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.464	.464	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.464	.464	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.561	.561	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.464	.464	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	.379	.379	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.561	.561	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.14	.14	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.14	.14	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.184	.184	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.734	.734	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.184	.184	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	-.256	-.256	0	%100
2	M1	Z	.444	.444	0	%100
3	M4	X	-.087	-.087	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,%]
4	M4	Z	.15	.15	0	%100
5	M10	X	-.22	-.22	0	%100
6	M10	Z	.382	.382	0	%100
7	MP3A	X	-.232	-.232	0	%100
8	MP3A	Z	.402	.402	0	%100
9	MP4A	X	-.232	-.232	0	%100
10	MP4A	Z	.402	.402	0	%100
11	MP2A	X	-.281	-.281	0	%100
12	MP2A	Z	.486	.486	0	%100
13	MP1A	X	-.232	-.232	0	%100
14	MP1A	Z	.402	.402	0	%100
15	M43	X	-.22	-.22	0	%100
16	M43	Z	.382	.382	0	%100
17	M46	X	-.439	-.439	0	%100
18	M46	Z	.761	.761	0	%100
19	M51B	X	-.244	-.244	0	%100
20	M51B	Z	.423	.423	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.146	-.146	0	%100
24	M76	Z	.254	.254	0	%100
25	M77	X	-.447	-.447	0	%100
26	M77	Z	.775	.775	0	%100
27	M80	X	-.471	-.471	0	%100
28	M80	Z	.816	.816	0	%100
29	M84	X	-.146	-.146	0	%100
30	M84	Z	.254	.254	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.087	-.087	0	%100
36	M34	Z	.15	.15	0	%100
37	M35	X	-.22	-.22	0	%100
38	M35	Z	.382	.382	0	%100
39	M36	X	-.22	-.22	0	%100
40	M36	Z	.382	.382	0	%100
41	M37	X	-.439	-.439	0	%100
42	M37	Z	.761	.761	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.244	-.244	0	%100
46	M41	Z	.423	.423	0	%100
47	M45	X	-.146	-.146	0	%100
48	M45	Z	.254	.254	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.146	-.146	0	%100
54	M50A	Z	.254	.254	0	%100
55	M51C	X	-.447	-.447	0	%100
56	M51C	Z	.775	.775	0	%100
57	M53	X	-.471	-.471	0	%100
58	M53	Z	.816	.816	0	%100
59	M58A	X	-.347	-.347	0	%100
60	M58A	Z	.601	.601	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,%]
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-.244	-.244	0	%100
68	M64	Z	.423	.423	0	%100
69	M65	X	-.244	-.244	0	%100
70	M65	Z	.423	.423	0	%100
71	M69	X	-.586	-.586	0	%100
72	M69	Z	1.015	1.015	0	%100
73	M70	X	-.447	-.447	0	%100
74	M70	Z	.775	.775	0	%100
75	M72	X	-.471	-.471	0	%100
76	M72	Z	.816	.816	0	%100
77	M74	X	-.586	-.586	0	%100
78	M74	Z	1.015	1.015	0	%100
79	M75	X	-.447	-.447	0	%100
80	M75	Z	.775	.775	0	%100
81	M77A	X	-.471	-.471	0	%100
82	M77A	Z	.816	.816	0	%100
83	M82	X	-.256	-.256	0	%100
84	M82	Z	.444	.444	0	%100
85	MP3C	X	-.232	-.232	0	%100
86	MP3C	Z	.402	.402	0	%100
87	MP4C	X	-.232	-.232	0	%100
88	MP4C	Z	.402	.402	0	%100
89	MP2C	X	-.281	-.281	0	%100
90	MP2C	Z	.486	.486	0	%100
91	MP1C	X	-.232	-.232	0	%100
92	MP1C	Z	.402	.402	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.232	-.232	0	%100
96	MP3B	Z	.402	.402	0	%100
97	MP4B	X	-.232	-.232	0	%100
98	MP4B	Z	.402	.402	0	%100
99	MP2B	X	-.281	-.281	0	%100
100	MP2B	Z	.486	.486	0	%100
101	MP1B	X	-.232	-.232	0	%100
102	MP1B	Z	.402	.402	0	%100
103	OVP	X	-.19	-.19	0	%100
104	OVP	Z	.328	.328	0	%100
105	M102	X	-.211	-.211	0	%100
106	M102	Z	.365	.365	0	%100
107	M107	X	-.211	-.211	0	%100
108	M107	Z	.365	.365	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.275	-.275	0	%100
114	M124	Z	.477	.477	0	%100
115	M125	X	-.275	-.275	0	%100
116	M125	Z	.477	.477	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	-.148	-.148	0	%100
2	M1	Z	.085	.085	0	%100
3	M4	X	-.451	-.451	0	%100
4	M4	Z	.26	.26	0	%100
5	M10	X	-.127	-.127	0	%100
6	M10	Z	.073	.073	0	%100
7	MP3A	X	-.402	-.402	0	%100
8	MP3A	Z	.232	.232	0	%100
9	MP4A	X	-.402	-.402	0	%100
10	MP4A	Z	.232	.232	0	%100
11	MP2A	X	-.486	-.486	0	%100
12	MP2A	Z	.281	.281	0	%100
13	MP1A	X	-.402	-.402	0	%100
14	MP1A	Z	.232	.232	0	%100
15	M43	X	-.127	-.127	0	%100
16	M43	Z	.073	.073	0	%100
17	M46	X	-.254	-.254	0	%100
18	M46	Z	.146	.146	0	%100
19	M51B	X	-.563	-.563	0	%100
20	M51B	Z	.325	.325	0	%100
21	M52B	X	-.141	-.141	0	%100
22	M52B	Z	.081	.081	0	%100
23	M76	X	-.761	-.761	0	%100
24	M76	Z	.439	.439	0	%100
25	M77	X	-1.033	-1.033	0	%100
26	M77	Z	.597	.597	0	%100
27	M80	X	-1.089	-1.089	0	%100
28	M80	Z	.628	.628	0	%100
29	M84	X	-.761	-.761	0	%100
30	M84	Z	.439	.439	0	%100
31	M85	X	-.258	-.258	0	%100
32	M85	Z	.149	.149	0	%100
33	M91	X	-.272	-.272	0	%100
34	M91	Z	.157	.157	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.509	-.509	0	%100
38	M35	Z	.294	.294	0	%100
39	M36	X	-.509	-.509	0	%100
40	M36	Z	.294	.294	0	%100
41	M37	X	-1.015	-1.015	0	%100
42	M37	Z	.586	.586	0	%100
43	M40	X	-.141	-.141	0	%100
44	M40	Z	.081	.081	0	%100
45	M41	X	-.141	-.141	0	%100
46	M41	Z	.081	.081	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.258	-.258	0	%100
50	M46A	Z	.149	.149	0	%100
51	M48	X	-.272	-.272	0	%100
52	M48	Z	.157	.157	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.258	-.258	0	%100
56	M51C	Z	.149	.149	0	%100
57	M53	X	-.272	-.272	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,%]
58	M53	Z	.157	.157	0	%100
59	M58A	X	-.451	-.451	0	%100
60	M58A	Z	.26	.26	0	%100
61	M59A	X	-.127	-.127	0	%100
62	M59A	Z	.073	.073	0	%100
63	M60	X	-.127	-.127	0	%100
64	M60	Z	.073	.073	0	%100
65	M61	X	-.254	-.254	0	%100
66	M61	Z	.146	.146	0	%100
67	M64	X	-.141	-.141	0	%100
68	M64	Z	.081	.081	0	%100
69	M65	X	-.563	-.563	0	%100
70	M65	Z	.325	.325	0	%100
71	M69	X	-.761	-.761	0	%100
72	M69	Z	.439	.439	0	%100
73	M70	X	-.258	-.258	0	%100
74	M70	Z	.149	.149	0	%100
75	M72	X	-.272	-.272	0	%100
76	M72	Z	.157	.157	0	%100
77	M74	X	-.761	-.761	0	%100
78	M74	Z	.439	.439	0	%100
79	M75	X	-1.033	-1.033	0	%100
80	M75	Z	.597	.597	0	%100
81	M77A	X	-1.089	-1.089	0	%100
82	M77A	Z	.628	.628	0	%100
83	M82	X	-.592	-.592	0	%100
84	M82	Z	.342	.342	0	%100
85	MP3C	X	-.402	-.402	0	%100
86	MP3C	Z	.232	.232	0	%100
87	MP4C	X	-.402	-.402	0	%100
88	MP4C	Z	.232	.232	0	%100
89	MP2C	X	-.486	-.486	0	%100
90	MP2C	Z	.281	.281	0	%100
91	MP1C	X	-.402	-.402	0	%100
92	MP1C	Z	.232	.232	0	%100
93	M91A	X	-.148	-.148	0	%100
94	M91A	Z	.085	.085	0	%100
95	MP3B	X	-.402	-.402	0	%100
96	MP3B	Z	.232	.232	0	%100
97	MP4B	X	-.402	-.402	0	%100
98	MP4B	Z	.232	.232	0	%100
99	MP2B	X	-.486	-.486	0	%100
100	MP2B	Z	.281	.281	0	%100
101	MP1B	X	-.402	-.402	0	%100
102	MP1B	Z	.232	.232	0	%100
103	OVP	X	-.328	-.328	0	%100
104	OVP	Z	.19	.19	0	%100
105	M102	X	-.122	-.122	0	%100
106	M102	Z	.07	.07	0	%100
107	M107	X	-.486	-.486	0	%100
108	M107	Z	.281	.281	0	%100
109	M112	X	-.122	-.122	0	%100
110	M112	Z	.07	.07	0	%100
111	M123	X	-.159	-.159	0	%100
112	M123	Z	.092	.092	0	%100
113	M124	X	-.159	-.159	0	%100
114	M124	Z	.092	.092	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,%]
115	M125	X	-.636	-.636	0	%100
116	M125	Z	.367	.367	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	M4	X	-.694	-.694	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.464	-.464	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.464	-.464	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.561	-.561	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.464	-.464	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.488	-.488	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.488	-.488	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.172	-1.172	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-.895	-.895	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-.943	-.943	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.172	-1.172	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-.895	-.895	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-.943	-.943	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.174	-.174	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.441	-.441	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.441	-.441	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-.879	-.879	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.488	-.488	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.293	-.293	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.895	-.895	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-.943	-.943	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,%]
52	M48	Z	0	0	0	%100
53	M50A	X	-.293	-.293	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.174	-.174	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.441	-.441	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.441	-.441	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-.879	-.879	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-.488	-.488	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.293	-.293	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.293	-.293	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.895	-.895	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-.943	-.943	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-.513	-.513	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.464	-.464	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-.464	-.464	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-.561	-.561	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-.464	-.464	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-.513	-.513	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.464	-.464	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.464	-.464	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.561	-.561	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.464	-.464	0	%100
102	MP1B	Z	0	0	0	%100
103	OVP	X	-.379	-.379	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-.421	-.421	0	%100
108	M107	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,%]
109	M112	X	-.421	-.421	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-.551	-.551	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.551	-.551	0	%100
116	M125	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	-.148	-.148	0	%100
2	M1	Z	-.085	-.085	0	%100
3	M4	X	-.451	-.451	0	%100
4	M4	Z	-.26	-.26	0	%100
5	M10	X	-.127	-.127	0	%100
6	M10	Z	-.073	-.073	0	%100
7	MP3A	X	-.402	-.402	0	%100
8	MP3A	Z	-.232	-.232	0	%100
9	MP4A	X	-.402	-.402	0	%100
10	MP4A	Z	-.232	-.232	0	%100
11	MP2A	X	-.486	-.486	0	%100
12	MP2A	Z	-.281	-.281	0	%100
13	MP1A	X	-.402	-.402	0	%100
14	MP1A	Z	-.232	-.232	0	%100
15	M43	X	-.127	-.127	0	%100
16	M43	Z	-.073	-.073	0	%100
17	M46	X	-.254	-.254	0	%100
18	M46	Z	-.146	-.146	0	%100
19	M51B	X	-.141	-.141	0	%100
20	M51B	Z	-.081	-.081	0	%100
21	M52B	X	-.563	-.563	0	%100
22	M52B	Z	-.325	-.325	0	%100
23	M76	X	-.761	-.761	0	%100
24	M76	Z	-.439	-.439	0	%100
25	M77	X	-.258	-.258	0	%100
26	M77	Z	-.149	-.149	0	%100
27	M80	X	-.272	-.272	0	%100
28	M80	Z	-.157	-.157	0	%100
29	M84	X	-.761	-.761	0	%100
30	M84	Z	-.439	-.439	0	%100
31	M85	X	-1.033	-1.033	0	%100
32	M85	Z	-.597	-.597	0	%100
33	M91	X	-1.089	-1.089	0	%100
34	M91	Z	-.628	-.628	0	%100
35	M34	X	-.451	-.451	0	%100
36	M34	Z	-.26	-.26	0	%100
37	M35	X	-.127	-.127	0	%100
38	M35	Z	-.073	-.073	0	%100
39	M36	X	-.127	-.127	0	%100
40	M36	Z	-.073	-.073	0	%100
41	M37	X	-.254	-.254	0	%100
42	M37	Z	-.146	-.146	0	%100
43	M40	X	-.563	-.563	0	%100
44	M40	Z	-.325	-.325	0	%100
45	M41	X	-.141	-.141	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,%]
46	M41	Z	-.081	-.081	0	%100
47	M45	X	-.761	-.761	0	%100
48	M45	Z	-.439	-.439	0	%100
49	M46A	X	-1.033	-1.033	0	%100
50	M46A	Z	-.597	-.597	0	%100
51	M48	X	-1.089	-1.089	0	%100
52	M48	Z	-.628	-.628	0	%100
53	M50A	X	-.761	-.761	0	%100
54	M50A	Z	-.439	-.439	0	%100
55	M51C	X	-.258	-.258	0	%100
56	M51C	Z	-.149	-.149	0	%100
57	M53	X	-.272	-.272	0	%100
58	M53	Z	-.157	-.157	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.509	-.509	0	%100
62	M59A	Z	-.294	-.294	0	%100
63	M60	X	-.509	-.509	0	%100
64	M60	Z	-.294	-.294	0	%100
65	M61	X	-1.015	-1.015	0	%100
66	M61	Z	-.586	-.586	0	%100
67	M64	X	-.141	-.141	0	%100
68	M64	Z	-.081	-.081	0	%100
69	M65	X	-.141	-.141	0	%100
70	M65	Z	-.081	-.081	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.258	-.258	0	%100
74	M70	Z	-.149	-.149	0	%100
75	M72	X	-.272	-.272	0	%100
76	M72	Z	-.157	-.157	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.258	-.258	0	%100
80	M75	Z	-.149	-.149	0	%100
81	M77A	X	-.272	-.272	0	%100
82	M77A	Z	-.157	-.157	0	%100
83	M82	X	-.148	-.148	0	%100
84	M82	Z	-.085	-.085	0	%100
85	MP3C	X	-.402	-.402	0	%100
86	MP3C	Z	-.232	-.232	0	%100
87	MP4C	X	-.402	-.402	0	%100
88	MP4C	Z	-.232	-.232	0	%100
89	MP2C	X	-.486	-.486	0	%100
90	MP2C	Z	-.281	-.281	0	%100
91	MP1C	X	-.402	-.402	0	%100
92	MP1C	Z	-.232	-.232	0	%100
93	M91A	X	-.592	-.592	0	%100
94	M91A	Z	-.342	-.342	0	%100
95	MP3B	X	-.402	-.402	0	%100
96	MP3B	Z	-.232	-.232	0	%100
97	MP4B	X	-.402	-.402	0	%100
98	MP4B	Z	-.232	-.232	0	%100
99	MP2B	X	-.486	-.486	0	%100
100	MP2B	Z	-.281	-.281	0	%100
101	MP1B	X	-.402	-.402	0	%100
102	MP1B	Z	-.232	-.232	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,%]
103	OVP	X	-.328	-.328	0	%100
104	OVP	Z	-.19	-.19	0	%100
105	M102	X	-.122	-.122	0	%100
106	M102	Z	-.07	-.07	0	%100
107	M107	X	-.122	-.122	0	%100
108	M107	Z	-.07	-.07	0	%100
109	M112	X	-.486	-.486	0	%100
110	M112	Z	-.281	-.281	0	%100
111	M123	X	-.636	-.636	0	%100
112	M123	Z	-.367	-.367	0	%100
113	M124	X	-.159	-.159	0	%100
114	M124	Z	-.092	-.092	0	%100
115	M125	X	-.159	-.159	0	%100
116	M125	Z	-.092	-.092	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	-.256	-.256	0	%100
2	M1	Z	-.444	-.444	0	%100
3	M4	X	-.087	-.087	0	%100
4	M4	Z	-.15	-.15	0	%100
5	M10	X	-.22	-.22	0	%100
6	M10	Z	-.382	-.382	0	%100
7	MP3A	X	-.232	-.232	0	%100
8	MP3A	Z	-.402	-.402	0	%100
9	MP4A	X	-.232	-.232	0	%100
10	MP4A	Z	-.402	-.402	0	%100
11	MP2A	X	-.281	-.281	0	%100
12	MP2A	Z	-.486	-.486	0	%100
13	MP1A	X	-.232	-.232	0	%100
14	MP1A	Z	-.402	-.402	0	%100
15	M43	X	-.22	-.22	0	%100
16	M43	Z	-.382	-.382	0	%100
17	M46	X	-.439	-.439	0	%100
18	M46	Z	-.761	-.761	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.244	-.244	0	%100
22	M52B	Z	-.423	-.423	0	%100
23	M76	X	-.146	-.146	0	%100
24	M76	Z	-.254	-.254	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.146	-.146	0	%100
30	M84	Z	-.254	-.254	0	%100
31	M85	X	-.447	-.447	0	%100
32	M85	Z	-.775	-.775	0	%100
33	M91	X	-.471	-.471	0	%100
34	M91	Z	-.816	-.816	0	%100
35	M34	X	-.347	-.347	0	%100
36	M34	Z	-.601	-.601	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.244	-.244	0	%100
44	M40	Z	-.423	-.423	0	%100
45	M41	X	-.244	-.244	0	%100
46	M41	Z	-.423	-.423	0	%100
47	M45	X	-.586	-.586	0	%100
48	M45	Z	-1.015	-1.015	0	%100
49	M46A	X	-.447	-.447	0	%100
50	M46A	Z	-.775	-.775	0	%100
51	M48	X	-.471	-.471	0	%100
52	M48	Z	-.816	-.816	0	%100
53	M50A	X	-.586	-.586	0	%100
54	M50A	Z	-1.015	-1.015	0	%100
55	M51C	X	-.447	-.447	0	%100
56	M51C	Z	-.775	-.775	0	%100
57	M53	X	-.471	-.471	0	%100
58	M53	Z	-.816	-.816	0	%100
59	M58A	X	-.087	-.087	0	%100
60	M58A	Z	-.15	-.15	0	%100
61	M59A	X	-.22	-.22	0	%100
62	M59A	Z	-.382	-.382	0	%100
63	M60	X	-.22	-.22	0	%100
64	M60	Z	-.382	-.382	0	%100
65	M61	X	-.439	-.439	0	%100
66	M61	Z	-.761	-.761	0	%100
67	M64	X	-.244	-.244	0	%100
68	M64	Z	-.423	-.423	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.146	-.146	0	%100
72	M69	Z	-.254	-.254	0	%100
73	M70	X	-.447	-.447	0	%100
74	M70	Z	-.775	-.775	0	%100
75	M72	X	-.471	-.471	0	%100
76	M72	Z	-.816	-.816	0	%100
77	M74	X	-.146	-.146	0	%100
78	M74	Z	-.254	-.254	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.232	-.232	0	%100
86	MP3C	Z	-.402	-.402	0	%100
87	MP4C	X	-.232	-.232	0	%100
88	MP4C	Z	-.402	-.402	0	%100
89	MP2C	X	-.281	-.281	0	%100
90	MP2C	Z	-.486	-.486	0	%100
91	MP1C	X	-.232	-.232	0	%100
92	MP1C	Z	-.402	-.402	0	%100
93	M91A	X	-.256	-.256	0	%100
94	M91A	Z	-.444	-.444	0	%100
95	MP3B	X	-.232	-.232	0	%100
96	MP3B	Z	-.402	-.402	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,%]
97	MP4B	X	-.232	-.232	0	%100
98	MP4B	Z	-.402	-.402	0	%100
99	MP2B	X	-.281	-.281	0	%100
100	MP2B	Z	-.486	-.486	0	%100
101	MP1B	X	-.232	-.232	0	%100
102	MP1B	Z	-.402	-.402	0	%100
103	OVP	X	-.19	-.19	0	%100
104	OVP	Z	-.328	-.328	0	%100
105	M102	X	-.211	-.211	0	%100
106	M102	Z	-.365	-.365	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-.211	-.211	0	%100
110	M112	Z	-.365	-.365	0	%100
111	M123	X	-.275	-.275	0	%100
112	M123	Z	-.477	-.477	0	%100
113	M124	X	-.275	-.275	0	%100
114	M124	Z	-.477	-.477	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.597	-4.066	0	.832
2	M51B	Y	-4.066	-6.636	.832	1.665
3	M51B	Y	-6.636	-7.874	1.665	2.497
4	M51B	Y	-7.874	-6.293	2.497	3.329
5	M51B	Y	-6.293	-3.33	3.329	4.162
6	M52B	Y	-3.329	-6.32	0	.832
7	M52B	Y	-6.32	-7.943	.832	1.665
8	M52B	Y	-7.943	-6.773	1.665	2.497
9	M52B	Y	-6.773	-4.256	2.497	3.329
10	M52B	Y	-4.256	-1.812	3.329	4.162
11	M40	Y	-1.597	-4.066	0	.832
12	M40	Y	-4.066	-6.636	.832	1.665
13	M40	Y	-6.636	-7.874	1.665	2.497
14	M40	Y	-7.874	-6.293	2.497	3.329
15	M40	Y	-6.293	-3.33	3.329	4.162
16	M41	Y	-3.329	-6.32	0	.832
17	M41	Y	-6.32	-7.943	.832	1.665
18	M41	Y	-7.943	-6.773	1.665	2.497
19	M41	Y	-6.773	-4.256	2.497	3.329
20	M41	Y	-4.256	-1.812	3.329	4.162
21	M64	Y	-1.807	-4.258	0	.832
22	M64	Y	-4.258	-6.771	.832	1.665
23	M64	Y	-6.771	-7.939	1.665	2.497
24	M64	Y	-7.939	-6.325	2.497	3.329
25	M64	Y	-6.325	-3.336	3.329	4.162
26	M65	Y	-3.33	-6.293	0	.832
27	M65	Y	-6.293	-7.874	.832	1.665
28	M65	Y	-7.874	-6.634	1.665	2.497
29	M65	Y	-6.634	-4.064	2.497	3.329
30	M65	Y	-4.064	-1.601	3.329	4.162

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-5.048	-12.848	0	.832
2	M51B	Y	-12.848	-20.971	.832	1.665
3	M51B	Y	-20.971	-24.881	1.665	2.497
4	M51B	Y	-24.881	-19.885	2.497	3.329
5	M51B	Y	-19.885	-10.523	3.329	4.162
6	M52B	Y	-10.518	-19.973	0	.832
7	M52B	Y	-19.973	-25.099	.832	1.665
8	M52B	Y	-25.099	-21.404	1.665	2.497
9	M52B	Y	-21.404	-13.449	2.497	3.329
10	M52B	Y	-13.449	-5.726	3.329	4.162
11	M40	Y	-5.048	-12.848	0	.832
12	M40	Y	-12.848	-20.971	.832	1.665
13	M40	Y	-20.971	-24.881	1.665	2.497
14	M40	Y	-24.881	-19.885	2.497	3.329
15	M40	Y	-19.885	-10.523	3.329	4.162
16	M41	Y	-10.518	-19.973	0	.832
17	M41	Y	-19.973	-25.099	.832	1.665
18	M41	Y	-25.099	-21.404	1.665	2.497
19	M41	Y	-21.404	-13.449	2.497	3.329
20	M41	Y	-13.449	-5.726	3.329	4.162
21	M64	Y	-5.71	-13.455	0	.832
22	M64	Y	-13.455	-21.396	.832	1.665
23	M64	Y	-21.396	-25.086	1.665	2.497
24	M64	Y	-25.086	-19.987	2.497	3.329
25	M64	Y	-19.987	-10.543	3.329	4.162
26	M65	Y	-10.521	-19.885	0	.832
27	M65	Y	-19.885	-24.881	.832	1.665
28	M65	Y	-24.881	-20.965	1.665	2.497
29	M65	Y	-20.965	-12.843	2.497	3.329
30	M65	Y	-12.843	-5.06	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N7	N87B	N87C	Y	Two Way	-.005
2	N50	N51	N74	N72	Y	Two Way	-.005
3	N78	N79	N102A	N100	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N7	N87B	N87C	Y	Two Way	-.016
2	N50	N51	N74	N72	Y	Two Way	-.016
3	N78	N79	N102A	N100	Y	Two Way	-.016

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	N3	max	829.904	10	3104.648	13	1855.794	1	5.847	13	.994	4	-.001	1
2		min	-843.849	4	460.522	7	-2028.325	7	-.025	7	-.987	10	-.153	19
3	N48	max	1506.987	10	3012.89	21	1074.014	2	-.154	3	.98	12	-.03	3
4		min	-1636.606	4	415.999	3	-995.996	8	-3.172	21	-.982	6	-5.144	21
5	N76	max	1818.848	11	2993.786	17	1065.314	1	.086	11	.946	8	5.277	17
6		min	-1676.391	5	399.309	11	-969.749	7	-2.803	17	-.959	2	.107	11
7	Totals:	max	4033.81	10	8611.292	23	3911.85	1						
8		min	-4033.803	4	3216.531	5	-3911.853	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc...		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn...	...	Eqn
1	M1	PIPE_3.0	.189	4.427	18	.072	9.375		7	28250...	65205	5.749	5.749	2...	H1-1b
2	M4	HSS4X4X4	.366	0	13	.093	.757	y	14	12465...	139518	16.181	16.181	3...	H1-1b
3	M10	HSS4X4X4	.200	2.375	13	.057	2.375	y	24	13626...	139518	16.181	16.181	1...	H1-1b
4	MP3A	PIPE_2.0	.259	3.5	5	.086	1.938		7	20866...	32130	1.872	1.872	1...	H1-1b
5	MP4A	PIPE_2.0	.236	3.5	5	.085	1.063		7	20866...	32130	1.872	1.872	1...	H1-1b
6	MP2A	PIPE_2.5	.212	4.531	10	.070	1.953		10	32005...	50715	3.596	3.596	1...	H1-1b
7	MP1A	PIPE_2.0	.306	4.566	21	.114	1.84		7	19234...	32130	1.872	1.872	3...	H1-1b
8	M43	HSS4X4X4	.207	0	24	.069	0	y	13	13626...	139518	16.181	16.181	1...	H1-1b
9	M46	PL1/2x6	.138	.516	1	.092	0	y	23	66009...	97200	1.012	12.15	1...	H1-1b
10	M51B	L2x2x3	.115	0	2	.016	4.162	y	16	9823.1...	23392.8	.558	1.083	1...	H2-1
11	M52B	L2x2x3	.118	4.162	12	.016	4.162	y	21	9823.1...	23392.8	.558	1.083	1...	H2-1
12	M76	PL3/8x6	.178	0	1	.361	0	y	17	70647...	72900	.57	9.113	1...	H1-1b
13	M77	PL3/8x6	.192	.167	7	.404	0	y	13	71583...	72900	.57	9.113	1...	H1-1b
14	M80	PL1/2x6	.056	.112	1	.050	.112	y	5	96757...	97200	1.012	12.15	1...	H1-1b
15	M84	PL3/8x6	.228	0	3	.272	0	y	21	70647...	72900	.57	9.113	1...	H1-1b
16	M85	PL3/8x6	.195	.167	6	.437	0	y	13	71583...	72900	.57	9.113	1...	H1-1b
17	M91	PL1/2x6	.052	.112	2	.067	.112	y	9	96757...	97200	1.012	12.15	1...	H1-1b
18	M34	HSS4X4X4	.379	0	21	.092	0	y	22	12465...	139518	16.181	16.181	3...	H1-1b
19	M35	HSS4X4X4	.207	2.375	22	.059	2.375	y	21	13626...	139518	16.181	16.181	1...	H1-1b
20	M36	HSS4X4X4	.212	0	20	.070	0	y	21	13626...	139518	16.181	16.181	1...	H1-1b
21	M37	PL1/2x6	.146	.516	9	.094	0	y	19	66009...	97200	1.012	12.15	1...	H1-1b
22	M40	L2x2x3	.118	0	10	.016	4.162	y	24	9823.1...	23392.8	.558	1.083	1...	H2-1
23	M41	L2x2x3	.119	4.162	8	.016	4.162	y	17	9823.1...	23392.8	.558	1.083	1...	H2-1
24	M45	PL3/8x6	.190	0	9	.363	0	y	13	70647...	72900	.57	9.113	1...	H1-1b
25	M46A	PL3/8x6	.198	.167	3	.420	0	y	21	71583...	72900	.57	9.113	1...	H1-1b
26	M48	PL1/2x6	.060	.112	9	.048	.112	y	12	96757...	97200	1.012	12.15	1...	H1-1b
27	M50A	PL3/8x6	.229	0	11	.270	0	y	17	70647...	72900	.57	9.113	1...	H1-1b
28	M51C	PL3/8x6	.193	.167	3	.446	0	y	21	71583...	72900	.57	9.113	1...	H1-1b
29	M53	PL1/2x6	.055	.112	10	.068	.112	y	5	96757...	97200	1.012	12.15	1...	H1-1b
30	M58A	HSS4X4X4	.376	0	17	.094	0	y	18	12465...	139518	16.181	16.181	3...	H1-1b
31	M59A	HSS4X4X4	.205	2.375	17	.059	2.375	y	16	13626...	139518	16.181	16.181	1...	H1-1b
32	M60	HSS4X4X4	.212	0	16	.070	0	y	17	13626...	139518	16.181	16.181	1...	H1-1b
33	M61	PL1/2x6	.147	.516	5	.119	.516	y	27	66009...	97200	1.012	12.15	1...	H1-1b
34	M64	L2x2x3	.117	0	6	.016	4.162	y	20	9823.1...	23392.8	.558	1.083	1...	H2-1
35	M65	L2x2x3	.123	4.162	4	.016	0	y	14	9823.1...	23392.8	.558	1.083	1...	H2-1
36	M69	PL3/8x6	.189	0	5	.370	0	y	21	70647...	72900	.57	9.113	1...	H1-1b
37	M70	PL3/8x6	.204	.167	11	.417	0	y	17	71583...	72900	.57	9.113	1...	H1-1b
38	M72	PL1/2x6	.060	.112	5	.110	0	y	27	96757...	97200	1.012	12.15	1...	H1-1b
39	M74	PL3/8x6	.212	0	7	.262	0	y	13	70647...	72900	.57	9.113	1...	H1-1b
40	M75	PL3/8x6	.201	.167	11	.445	0	y	17	71583...	72900	.57	9.113	1...	H1-1b
41	M77A	PL1/2x6	.051	.112	5	.063	.112	y	1	96757...	97200	1.012	12.15	1...	H1-1b
42	M82	PIPE_3.0	.184	4.427	14	.070	9.375		3	28250...	65205	5.749	5.749	2...	H1-1b
43	MP3C	PIPE_2.0	.251	3.5	1	.085	1.938		3	20866...	32130	1.872	1.872	2...	H1-1b
44	MP4C	PIPE_2.0	.222	3.5	1	.083	1.063		3	20866...	32130	1.872	1.872	1...	H1-1b
45	MP2C	PIPE_2.5	.199	4.531	6	.060	1.953		6	32005...	50715	3.596	3.596	1...	H1-1b
46	MP1C	PIPE_2.0	.291	4.566	17	.111	1.84		3	19234...	32130	1.872	1.872	4...	H1-1b
47	M91A	PIPE_3.0	.186	4.427	22	.072	9.375		11	28250...	65205	5.749	5.749	2...	H1-1b
48	MP3B	PIPE_2.0	.260	3.5	9	.087	1.938		11	20866...	32130	1.872	1.872	2...	H1-1b
49	MP4B	PIPE_2.0	.230	3.5	9	.086	1.063		11	20866...	32130	1.872	1.872	1...	H1-1b
50	MP2B	PIPE_2.5	.198	4.531	2	.062	1.953		2	32005...	50715	3.596	3.596	1...	H1-1b
51	MP1B	PIPE_2.0	.283	4.566	13	.114	1.84		11	19234...	32130	1.872	1.872	3...	H1-1b
52	OVP	PIPE_2.0	.096	2.25	6	.033	2.25		2	28843...	32130	1.872	1.872	1...	H1-1b
53	M102	PIPE_2.5	.155	6.25	5	.078	1.953		12	14558...	50715	3.596	3.596	1...	H1-1b
54	M107	PIPE_2.5	.161	6.25	4	.078	1.953		8	14558...	50715	3.596	3.596	1...	H1-1b
55	M112	PIPE_2.5	.156	6.25	9	.077	1.953		10	14558...	50715	3.596	3.596	1...	H1-1b
56	M123	L3X3X4	.254	0	9	.024	2.346	z	8	40486...	46656	1.688	3.756	2...	H2-1

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....		Eqn
57	M124	L3X3X4	.254	0	11	.023	0	z	4	40486...	46656	1.688	3.756	2...	H2-1
58	M125	L3X3X4	.251	0	7	.023	.606	z	12	40486...	46656	1.688	3.756	2...	H2-1

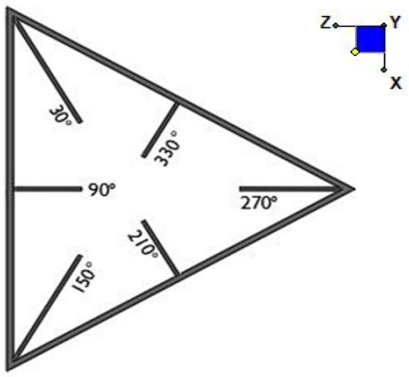
Client:	Verizon Wireless	Date:	7/30/2021
Site Name:	MANSFIELD CT		
Project No.	21781012A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

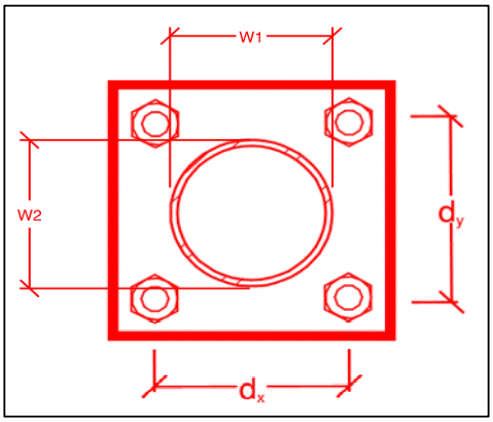
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N48	30
N76	150
N3	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	21.0
Required Shear Strength (kips):	3.7
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**25.3%***
Shear Capacity Overall:	**7.5%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	3.42
Plate Bending Capacity:	**50.3%**
Weld Capacity:	**41.0%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	15.7
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	0.2
Phi*Mn_{yy} *(kip-in)* :	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Purpose – to provide Maser Consulting the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the drawings
- Provide "as built drawings" showing contractor's name, preparer's signature, and date. Any deviations from the drawings (proposed modification) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded **to** https://pmi.vzwsmart.com as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

- *Photos taken at Mount Elevation*
    - Photos showing each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
        - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
    - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
    - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
    - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, a tape drop measurement shall be provided before the elevation change
    - Photos showing the safety climb wire rope above and below the mount prior to modification.
    - Photos showing the climbing facility and safety climb if present.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting.
    - If the drawings are as specified on the drawings
        - The contractor should provide the packing list or the materials utilized to perform the mount modification
    - If an equivalent is utilized
        - It is required that the Maser Consulting certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☐ The Material utilized was as specified on the Maser Consulting Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials

☐ The material utilized was an "equivalent" and included as part of the contractor submission is the Maser Consulting certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

Special Instructions / Validation as required from the MA or Mod Drawings:

Issue:

Install proposed OVP to new 3' Long P2 STD pipe connected to the Gamma sector standoff arm. Connect the pipe to the standoff arm using crossover plate (Part #: SQCX4-K or EOR approved equal).

Response:

Schedule A – Photo & Document File Structure

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

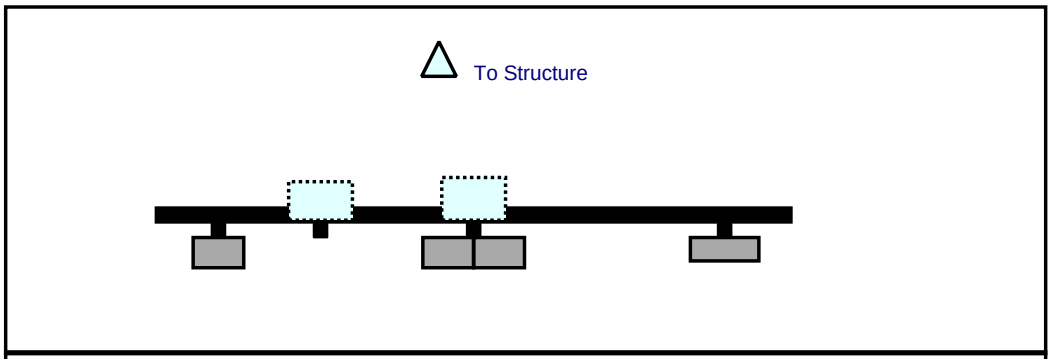
Structure: 468456-VZW - MANSFIELD CT

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

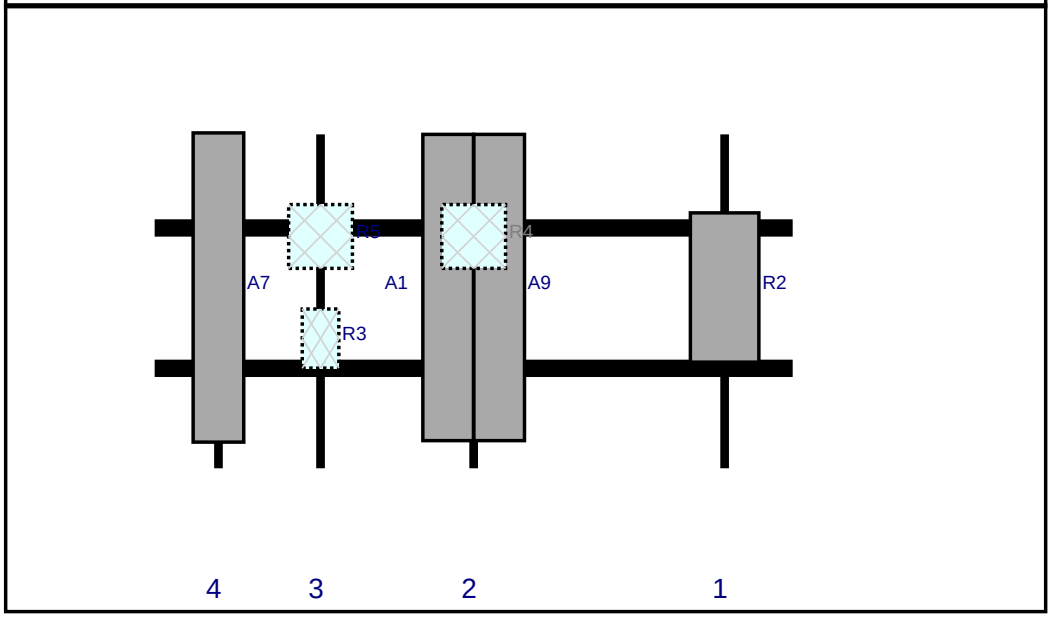
Structure Type: Monopole 10071777

Mount Elev: 107.00 Page: 1

Plan View



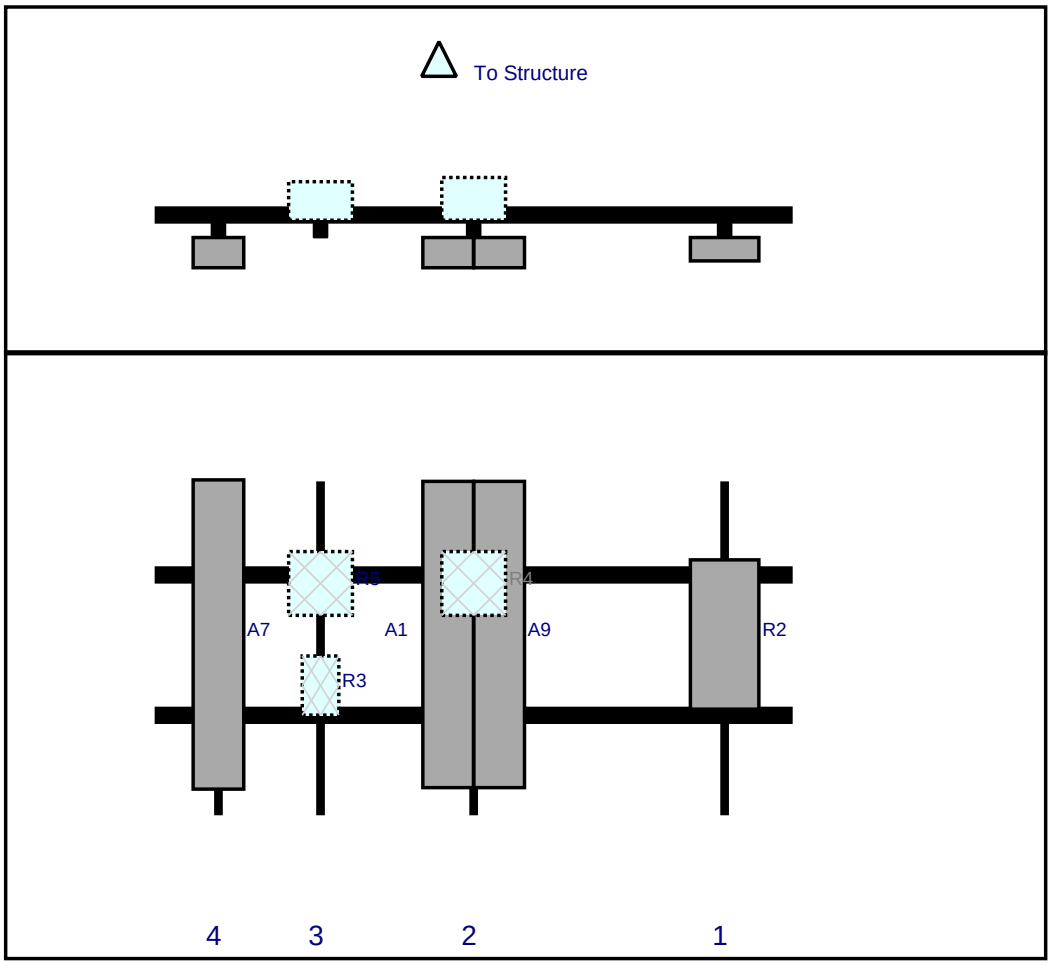
Front View
Looking at Structure



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
R2	MT6407-77A	35.1	16.1	134	1	a	Front	36	0	Added	
A1	NHH-65B-R2B	72	11.9	75	2	a	Front	36	-6	Added	
A9	NHHSS-65B-R2BT2	72	11.9	75	2	a	Front	36	6	Added	
R4	RF4439d-25A	15	15	75	2	a	Behind	24	0	Added	
R3	CBRS RRH - RT4401-48A	13.9	8.6	39	3	a	Behind	48	0	Added	
R5	RF4440d-13A	15	15	39	3	a	Behind	24	0	Added	
A7	LNX-8513DS	72.7	11.9	15	4	a	Front	36	0	Retained	06/09/2021

Plan View

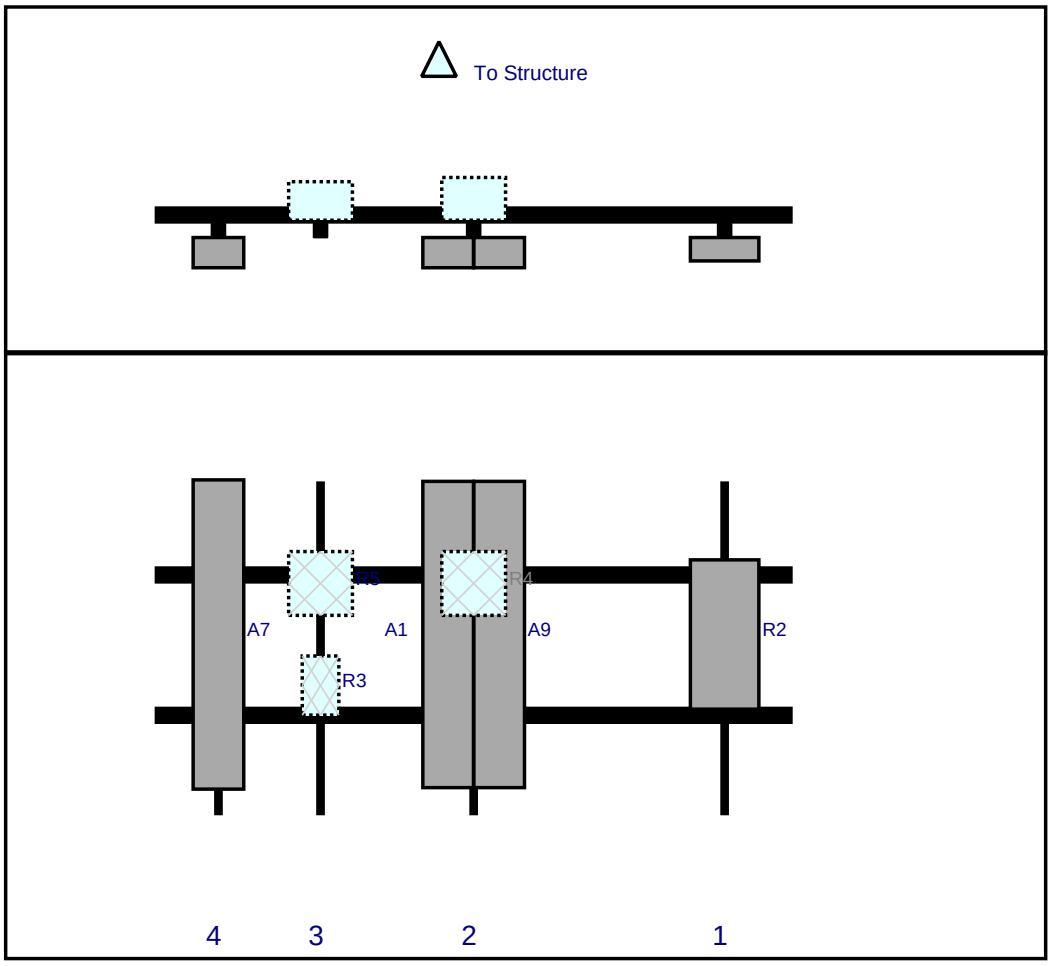
Front View
Looking at Structure



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
R2	MT6407-77A	35.1	16.1	134	1	a	Front	36	0	Added	
A1	NHH-65B-R2B	72	11.9	75	2	a	Front	36	-6	Added	
A9	NHHSS-65B-R2BT2	72	11.9	75	2	a	Front	36	6	Added	
R4	RF4439d-25A	15	15	75	2	a	Behind	24	0	Added	
R3	CBRS RRH - RT4401-48A	13.9	8.6	39	3	a	Behind	48	0	Added	
R5	RF4440d-13A	15	15	39	3	a	Behind	24	0	Added	
A7	LNX-8513DS	72.7	11.9	15	4	a	Front	36	0	Retained	06/09/2021

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
R2	MT6407-77A	35.1	16.1	134	1	a	Front	36	0	Added	
A1	NHH-65B-R2B	72	11.9	75	2	a	Front	36	-6	Added	
A9	NHHSS-65B-R2BT2	72	11.9	75	2	a	Front	36	6	Added	
R4	RF4439d-25A	15	15	75	2	a	Behind	24	0	Added	
R3	CBRS RRH - RT4401-48A	13.9	8.6	39	3	a	Behind	48	0	Added	
R5	RF4440d-13A	15	15	39	3	a	Behind	24	0	Added	
A7	LNX-8513DS	72.7	11.9	15	4	a	Front	36	0	Retained	06/09/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	Site ID:	468456-VZW / MANSFIELD CT
	Site Name:	MANSFIELD CT
	Carrier Name:	Verizon Wireless
	Address:	497 Middle Turnpike Storrs Mansfield, Connecticut 06268 Tolland County
	Latitude:	41.825781°
	Longitude:	-72.281794°
Structure Information	Tower Type:	120-Ft Monopole
	Mount Type:	12.50-Ft Platform

To Whom It May Concern,

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

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

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

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

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***MANSFIELD 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	672	2688	108	0.0083	0.5007	1.66%
VZW CDMA	869	2	401	802	108	0.0025	0.5793	0.43%
VZW Cellular	869	4	700	2800	108	0.0086	0.5793	1.49%
VZW PCS	1980	4	1466	5864	108	0.0181	1.0000	1.81%
VZW AWS	2125	4	1429	5716	108	0.0176	1.0000	1.76%
VZW CBAND	3730	4	6531	26124	108	0.0805	1.0000	8.05%
VZW CBRS	3625	4	12	48	108	0.0001	1.0000	0.01%
Total Percentage of Maximum Permissible Exposure								15.21%

*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.

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Delivered to 10 FRANKLIN SQ, NEW BRITAIN, CT 06051

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	284849385020
FROM	NB+C 100 Apollo Dr. Suite 303 CHELMSFORD, MA, US, 01824
TO	Connecticut Siting Council Melanie A. Bachman

	10 Franklin Square NEW BRITAIN, CT, US, 06051
REFERENCE	100788 842867 Mansfield CT
SHIPPER REFERENCE	100788 842867 Mansfield CT
SHIP DATE	Wed 10/13/2021 06:21 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	NEW BRITAIN, CT, US, 06051
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	2.00 LB
SERVICE TYPE	FedEx Priority Overnight

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