NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Northeast Site Solutions
Denise Sabo
4 Angela's Way, Burlington CT 06013
203-435-3640
denise@northeastsitesolutions.com

August 12, 2022

Members of the Siting Council
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Exempt Modification Application
570 New Park Avenue, West Hartford CT 06110
Latitude: 41.736216
Longitude: -72.720633
Site#: 806370_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 570 New Park Avenue, West Hartford, CT 06110. Verizon Wireless currently maintains twelve (12) antennas at the 147-foot level of the existing 150-foot tower. The property is owned by 570 New Park LLC and the tower is owned by Crown Castle. Verizon now intends to replace three (3) antennas. The new antennas would be installed at the 147-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable.

Verizon Planned Modifications:
Remove:
NONE

Remove and Replace:
(3) Antel-BXA-70063-6CF-4 Antennas (REMOVE) - (3) SAMSUNG MT6407 Antennas (REPLACE)

Install New:
NONE

Existing to Remain:
(3) ANTEL BXA-70063-6CF-4 Antennas
(6) ANDREW/COMMSCOPE SBNHH-1D65B Antennas
(3) SAMSUNG B2/B66A -BRO49 – RFV01U-D1A RRH
(3) SAMSUNG B5/B13 -BRO4C – RFV01U-D2A RRH
(2) OVP (Raycap & RFS)
(6) Coax Lines – 1-1/4"
(1) Hybrid Line – 1-/1/4"
(1) Hybrid Line – 1-/5/8"

NORTHEAST SITE SOLUTIONS

Turnkey Wireless Development

The facility was approved by the CT Siting Council, Docket No. 131 on April 9, 1990. Please see attached

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Mayor Shari Cantor and Todd Dumais, Town Planner for the Town of West Hartford. A copy is also being sent to the tower owner and property owner.

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

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

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

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

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

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

6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

Denise Sabo
Mobile: 203-435-3640
Fax: 413-521-0558
Office: 4 Angela's Way, Burlington CT 06013
Email: denise@northeastsitesolutions.com

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments

Cc: Mayor Shari Cantor
Town of West Hartford
50 S Main Street
West Hartford, CT 06107

Todd Dumais– Town Planner
Town of West Hartford
50 S Main Street
West Hartford, CT 06107

570 New Park LLC - Property Owner
PO Box 271763,
West Hartford, CT 06127

Crown Castle - Tower Owner

Exhibit A

Original Facility Approval

ORIGINAL

DOCKET NO. 131 - An application of Metro Mobile CTS of Hartford, Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, operation, and maintenance of a cellular telephone tower and associated equipment in the Town of West Hartford, Connecticut.

Connecticut

Siting

Council

April 9, 1990

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of a telecommunications tower and associated equipment at the proposed West Hartford, Connecticut, site 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 significant either alone or cumulatively with other effects, 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 Section 16-50k of the General Statutes of Connecticut (CGS), be issued to Metro Mobile CTS of Hartford County, Inc., for the construction, operation, and maintenance of a cellular telephone tower and associated equipment 570 Park Avenue, West Hartford, Connecticut.

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

1. The facility shall be constructed in accordance with applicable sections of the State of Connecticut Basic Building Code.

2. The self-supporting monopole tower shall be no taller than necessary to provide the proposed communications and in no event shall the tower structure exceed 163 feet above ground level, 232 feet AMSL, with antennas and all appurtenances.

3. The tower shall be designed and constructed to withstand 125 mile per hour winds with two-inch radial ice accumulation.

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 State Agencies. The D&M plan shall include detailed plans of the site's preparation with the final tower height in relation to the site elevation, erosion and sedimentation controls, plans for site access, soil boring report, and foundation design specific to the site.

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

6. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.

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.

8. If the facility does not initially provide, or permanently ceases to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order.

Pursuant to Section 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 State Agencies.

The parties or intervenors to this proceeding are:

(PARTY)	(ITS REPRESENTATIVES)
Metro Mobile CTS of Hartford, Inc. 100 Corporate Drive Windsor, CT 06095 Attn: Gary N. Schulman Vice President and Gen. Mgr.	Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597 Attn: Earl W. Phillips, Jr. (203) 275-8200

(INTERVENOR)

SNET Cellular, Inc.
227 Church Street
New Haven, CT 06506

(ITS REPRESENTATIVES)

Peter J. Tyrrell
Senior Attorney
SNET Cellular, Inc.
227 Church Street
Room 1021
New Haven, CT 06506
(203) 771-7381

TKF:bw

4301E

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 131 - An application of Metro Mobile CTS of Hartford, Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, operation, and maintenance of a cellular telephone tower and associated equipment in the Town of West Hartford, Connecticut or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 9th day of April, 1990.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner Peter Boucher Designee: Robert A. Pulito	Yes
Commissioner Leslie Carothers Designee: Brian Emerick	Yes
Harry E. Covey	Yes
Mortimer A. Gelston	Yes
Daniel P. Lynch, Jr.	Yes
Paulann H. Sheets	Abstain
William H. Smith	Yes
Colin C. Tait	Yes

4303E-2

Exhibit B

Property Card

570 NEW PARK AVENUE

Location	570 NEW PARK AVENUE	**Mblu**	H14/ 3776/ 570/ /
Parcel ID	3776 2 570 0001	**Owner**	570 NEW PARK LLC
Assessment	$510,930	**Appraisal**	$729,900
Vision Id #	19109	**Building Count**	3

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$379,900	$350,000	$729,900
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$265,930	$245,000	$510,930

Owner of Record

Owner	570 NEW PARK LLC	**Sale Price**	$550,000
Co-Owner		**Certificate**	1
Address	C/O MICHAEL REINER PO BOX 271763 WEST HARTFORD, CT 06127	**Book & Page**	4487/0322
		Sale Date	05/25/2010
		Instrument	Q

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
570 NEW PARK LLC	$550,000	1	4487/0322	Q	05/25/2010
CONNECTICUT TAR AND ASPHALT SERVICE INC	$0	1	4487/0321	25	05/25/2010
CONN TAR & ASPHALT SERVICE INC	$30,670	1	2940/0034	U	08/02/2002
CONN TAR & ASPHALT SERVICE INC	$0	1	0322/0042	U	

Building Information

Building 1 : Section 1

Year Built:	1929
Living Area:	2,698
Replacement Cost:	$106,986

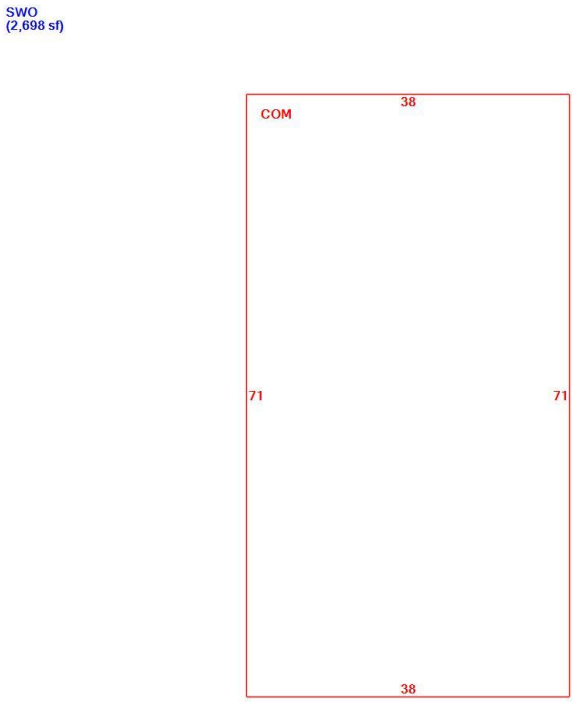
Building Percent Good: 41
Replacement Cost Less Depreciation: $43,900

Building Attributes	
Field	**Description**
Style:	Storage Area
Model	Comm/Ind
Grade	C 0.80
Stories:	1
Occupancy	
Exterior Wall 1	Precast Panel
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Built Up
Interior Wall 1	Typical
Interior Wall 2	
Floor Type	Concrete Slab
Floor Cover	None
Heating Fuel	Typical
Heating Type	Steam - No Blr
AC Type	None
As Built Use	MLTR
Bldg Use	Commercial
Num of Bedrooms	
Total Baths	
Type	01
Wet Sprinkler	
Dry Sprinkler	
1st Floor Use:	
Class	Class C
Frame Type	Masonry
Plumbing	LIGHT
Ceiling	Not Applicable
Group1	IND
Wall Height	15.00
Adjustment	

Building Photo

(http://images.vgsi.com/photos/WestHartfordCTPhotos//\00\01\24\37.JPG)

Building Layout



(ParcelSketch.ashx?pid=19109&bid=19109)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
SWO	STORAGE/WHSE/DIST	2,698	2,698
COM	COMMERCIAL - NV	2,698	0
		5,396	2,698

Building 2 : Section 1

Year Built: 1966
Living Area: 936
Replacement Cost: $170,951
Building Percent Good: 73

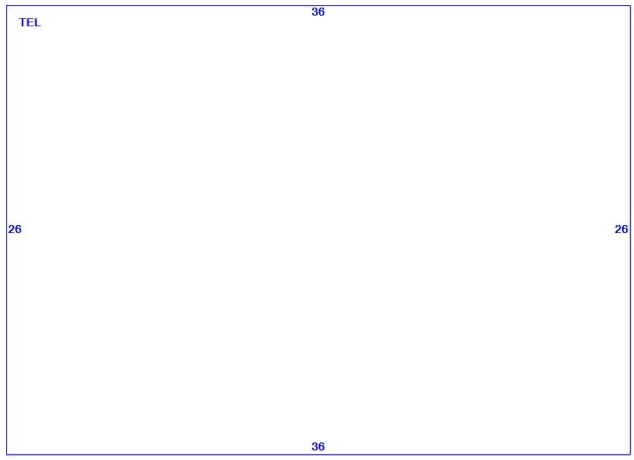
Replacement Cost
Less Depreciation: $250,000

Building Attributes : Bldg 2 of 3	
Field	**Description**
Style:	Telephone Exchange
Model	Comm/Ind
Grade	B 1.00
Stories:	1
Occupancy	
Exterior Wall 1	Concrete Block
Exterior Wall 2	
Roof Structure	Shed
Roof Cover	Built Up
Interior Wall 1	Typical
Interior Wall 2	
Floor Type	Concrete Slab
Floor Cover	Carpet
Heating Fuel	Typical
Heating Type	Steam Boiler
AC Type	None
As Built Use	TSGR
Bldg Use	Commercial
Num of Bedrooms	
Total Baths	
Type	01
Wet Sprinkler	
Dry Sprinkler	
1st Floor Use:	
Class	Class C
Frame Type	Rigid Steel
Plumbing	LIGHT
Ceiling	Acoustic Panel
Group1	IND
Wall Height	13.00
Adjustment	

Building Photo

(http://images.vgsi.com/photos/WestHartfordCTPhotos//default.jpg)

Building Layout



(ParcelSketch.ashx?pid=19109&bid=30673)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
TEL	TELEPHONE BUILDING	936	936
		936	936

Building 3 : Section 1

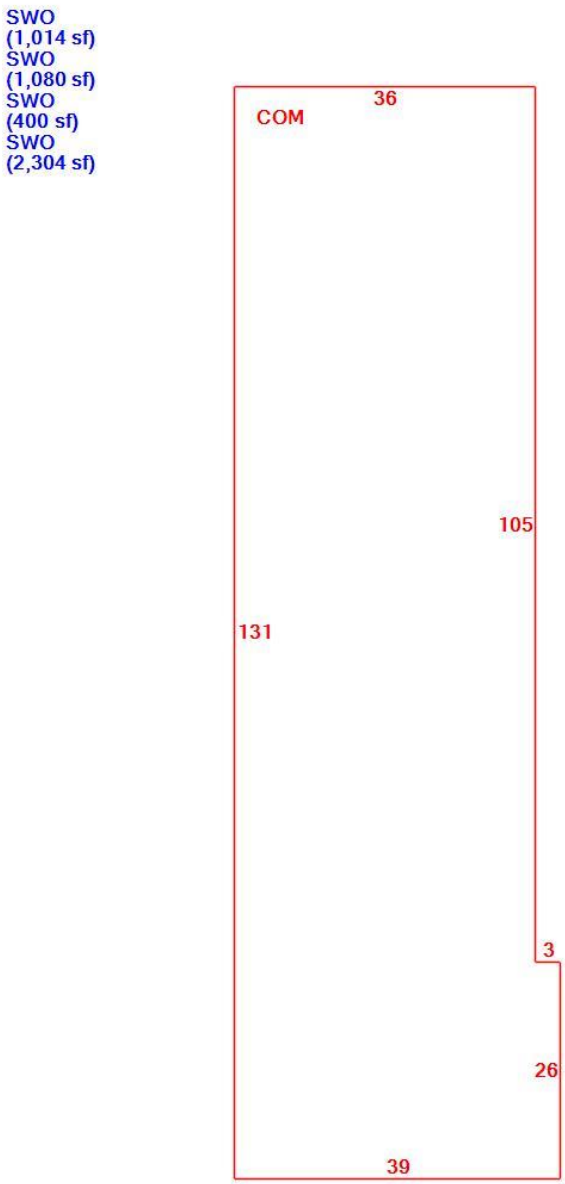
Year Built: 1929
Living Area: 4,798
Replacement Cost: $190,280
Building Percent Good: 41
Replacement Cost
Less Depreciation: $78,000

Building Attributes : Bldg 3 of 3	
Field	**Description**
Style:	Light Manufacturing
Model	Comm/Ind
Grade	C 0.80
Stories:	1
Occupancy	
Exterior Wall 1	Concrete Block
Exterior Wall 2	Brick Veneer
Roof Structure	Flat
Roof Cover	Built Up
Interior Wall 1	Typical
Interior Wall 2	
Floor Type	Concrete Slab
Floor Cover	Asphalt
Heating Fuel	Typical
Heating Type	Forced Hot Air
AC Type	Not Applicable
As Built Use	LMAN
Bldg Use	Commercial
Num of Bedrooms	
Total Baths	
Type	00
Wet Sprinkler	
Dry Sprinkler	
1st Floor Use:	
Class	Class C
Frame Type	Rigid Steel
Plumbing	LIGHT
Ceiling	Acoustic Panel
Group1	IND
Wall Height	11.00
Adjustment	

Building Photo

(http://images.vgsi.com/photos/WestHartfordCTPhotos//default.jpg)

Building Layout



(ParcelSketch.ashx?pid=19109&bid=30674)

Building Sub-Areas (sq ft)	Legend

Code	Description	Gross Area	Living Area
SWO	STORAGE/WHSE/DIST	4,798	4,798
COM	COMMERCIAL - NV	4,794	0
		9,592	4,798

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	201
Description	Commercial
Zone	IG
Neighborhood	
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.96
Frontage	
Depth	
Assessed Value	$245,000
Appraised Value	$350,000

Outbuildings

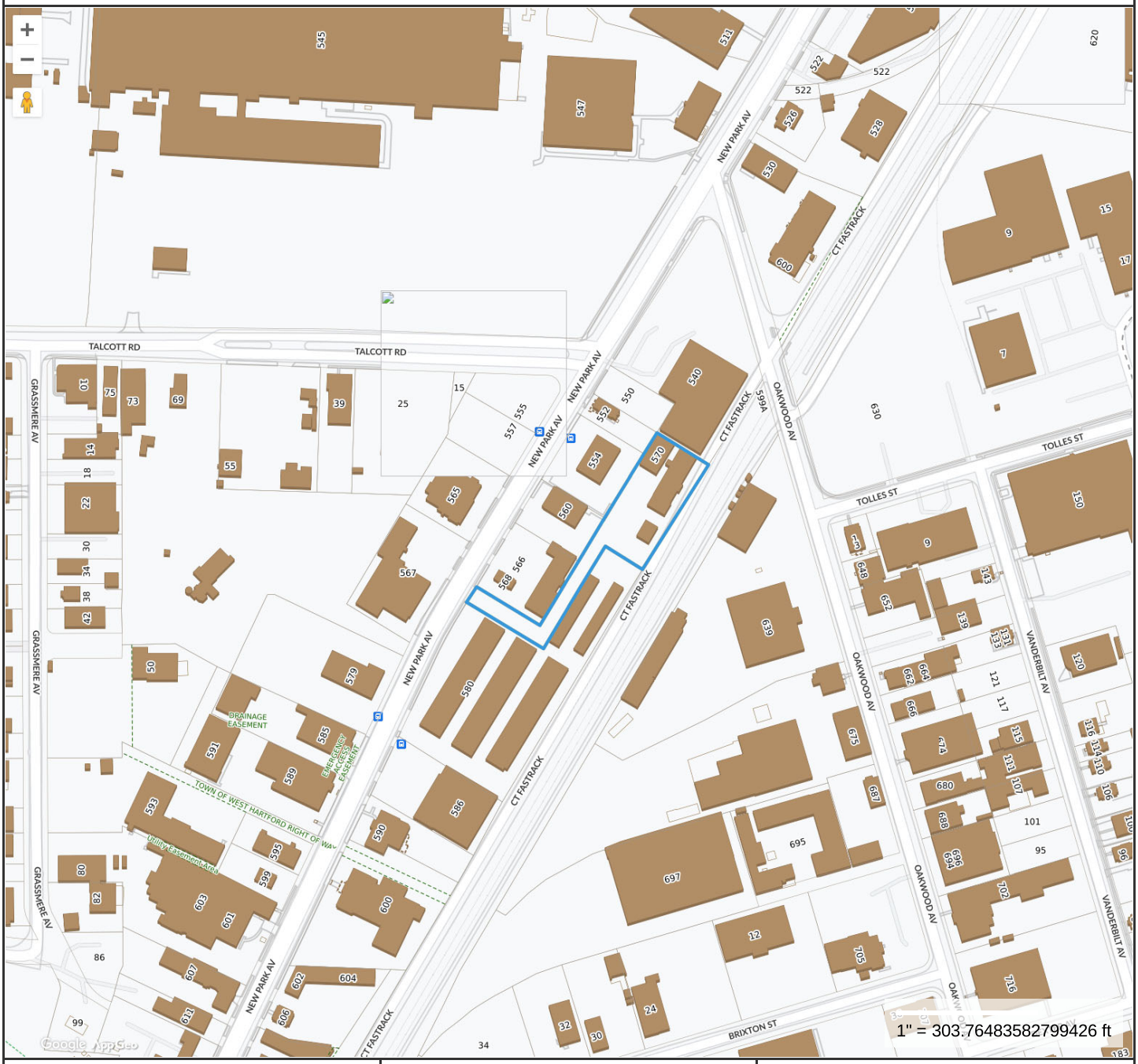
Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CLP4	Paving, Asphalt			10000.00 SF	$8,000	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$379,900	$350,000	$729,900
2019	$379,900	$350,000	$729,900
2018	$379,900	$350,000	$729,900

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$265,930	$245,000	$510,930
2019	$265,930	$245,000	$510,930
2018	$265,930	$245,000	$510,930

570 NEW PARK AVE



Property Information

Property ID	3776 2 570 0001
Location	570 NEW PARK AVENUE
Owner	570 NEW PARK LLC

WEST HARTFORD

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of West Hartford, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 12/23/2021
Data updated Daily

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 468977
VERIZON SITE NAME: WEST HARTFORD CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 150'-0"

BUSINESS UNIT #: 806370
SITE ADDRESS: 570 NEW PARK AVENUE WEST HARTFORD, CT 06110
COUNTY: HARTFORD
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	HRT 099 943226
SITE ADDRESS:	570 NEW PARK AVENUE WEST HARTFORD, CT 06110
COUNTY:	HARTFORD
MAP/PARCEL #:	3776 2 570 0001
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 44' 10.50" N
LONGITUDE:	72° 43' 14.20" W
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	69'
CURRENT ZONING:	IG - GENERAL INDUSTRIAL DISTRICT
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	570 NEW PARK LLC C/O MICHAEL REINER WEST HARTFORD, CT 06127
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	CONNECTICUT LIGHT & POWER CO (800) 286-2000
TELCO PROVIDER:	LIGHTOWER (800) 583-4237

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:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 WILLIAM GATES - PROJECT MANAGER WILLIAM.GATES@CROWNCASTLE.COM JASON D'AMICO - CONSTRUCTION MANAGER JASON.DAMICO@CROWNCASTLE.COM

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 FULL SIZE. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10037940
VzW LOCATION CODE (PSLC)	468977

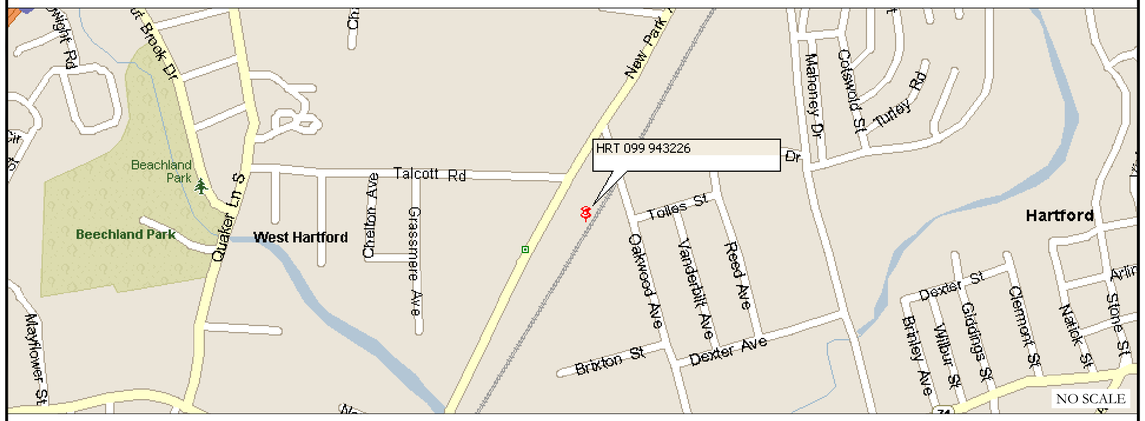
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	N

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 (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921)
TAKE US-202 N/US-206 N AND SCHLEY MOUNTAIN RD TO I-287 N, CONTINUE ON I-287 N. TAKE I-87 S, I-684 N AND I-84 E TO S MAIN ST IN WEST HARTFORD. TAKE EXIT 41 FROM I-84 E, TAKE NEW BRITAIN AVE TO ARRIVED AT HRT 099 943226.

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	BUILDING 2018 CONNECTICUT SBC/2015 IBC
MECHANICAL	MECHANICAL 2018 CONNECTICUT SBC/2015 IMC
ELECTRICAL	ELECTRICAL 2018 CONNECTICUT SCB/2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BLACK & VEATCH
DATED:	6/27/22
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	6/3/21
RFDS REVISION:	N/A
DATED:	5/18/21
ORDER ID:	623896
REVISION:	0

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

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- REMOVE (3) ANTENNAS
- INSTALL (3) ANTENNAS W/ INTEGRTAED RRHs

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

verizon
1515 E. WOODFIELD ROAD
SCHAUMBURG, IL 60173

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:
468977

BU #: **806370**
HRT 099 943226

570 NEW PARK AVENUE
WEST HARTFORD, CT 06110

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/11/22	MEH	CONSTRUCTION	KT

CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
7/11/22

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23

SHEET NUMBER: T-1

REVISION: 0

99070.007.01_HRT 099 943226.dwg – Sheet:T-2 – User: kevin.turkall – Jul 11, 2022 – 8:47am

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

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

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).

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1515 E. WOODFIELD ROAD
SCHAUMBURG, IL 60173

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:
468977

BU #: **806370**
HRT 099 943226

570 NEW PARK AVENUE
WEST HARTFORD, CT 06110

EXISTING 150'-0" MONOPOLE

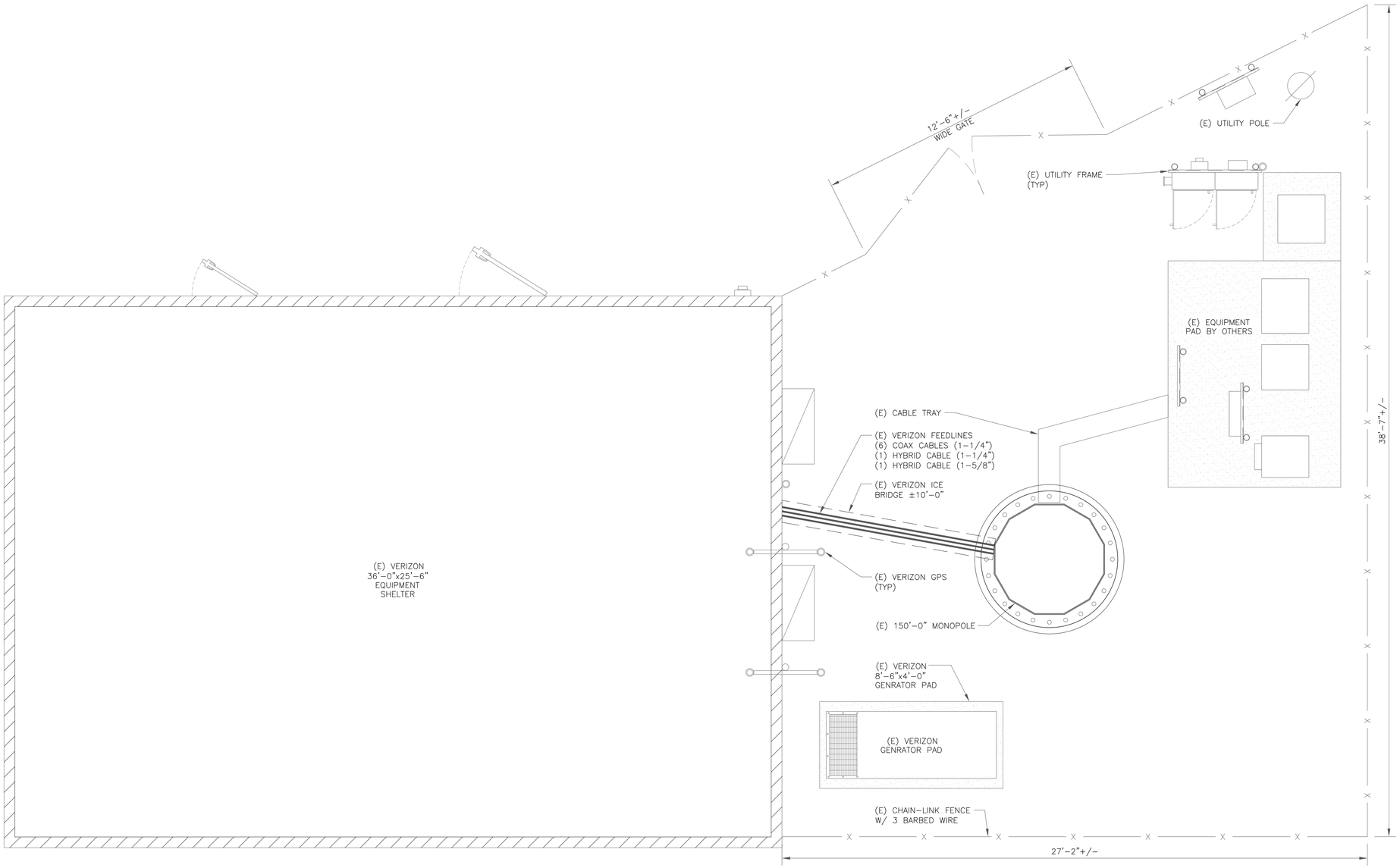
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/11/22	MEH	CONSTRUCTION	KT

7/11/22

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23

SHEET NUMBER: **T-2**
REVISION: **0**



1 SITE PLAN

SCALE: 2' 1' 0 2'

3/8"=1'-0" (FULL SIZE)
3/16"=1'-0" (11x17)

N

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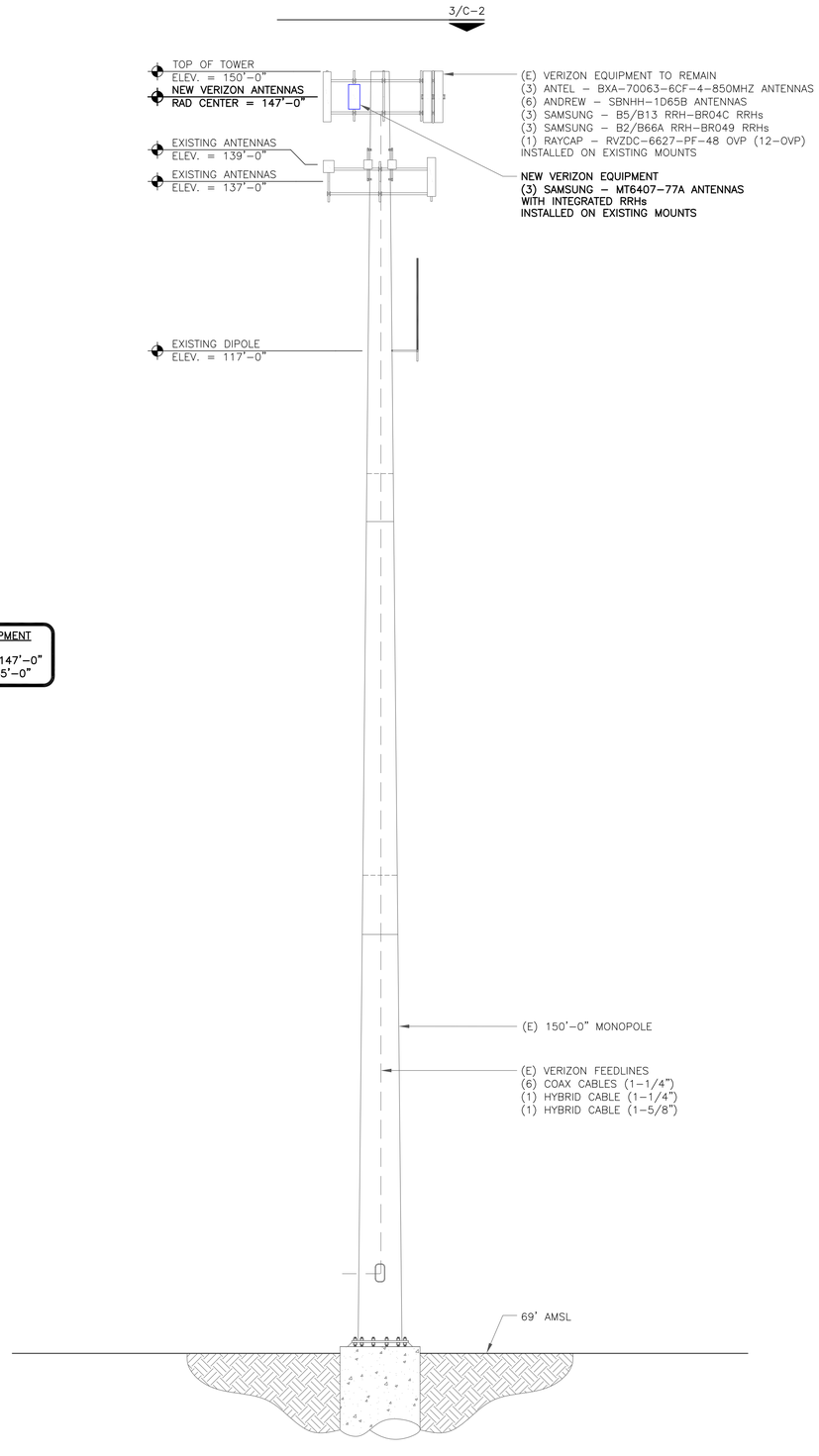
STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
7/11/22

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23

SHEET NUMBER: C-1

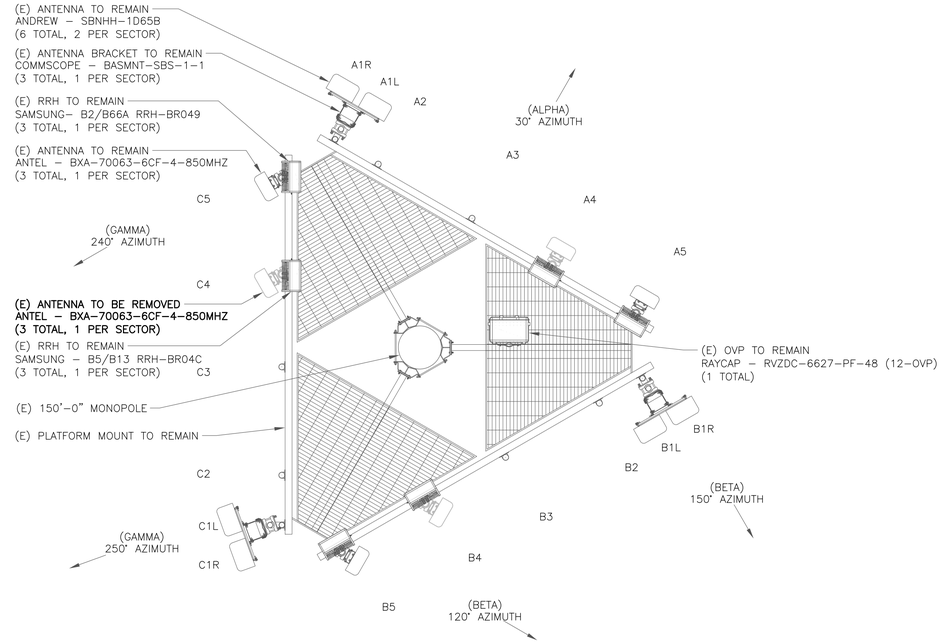
REVISION: 0



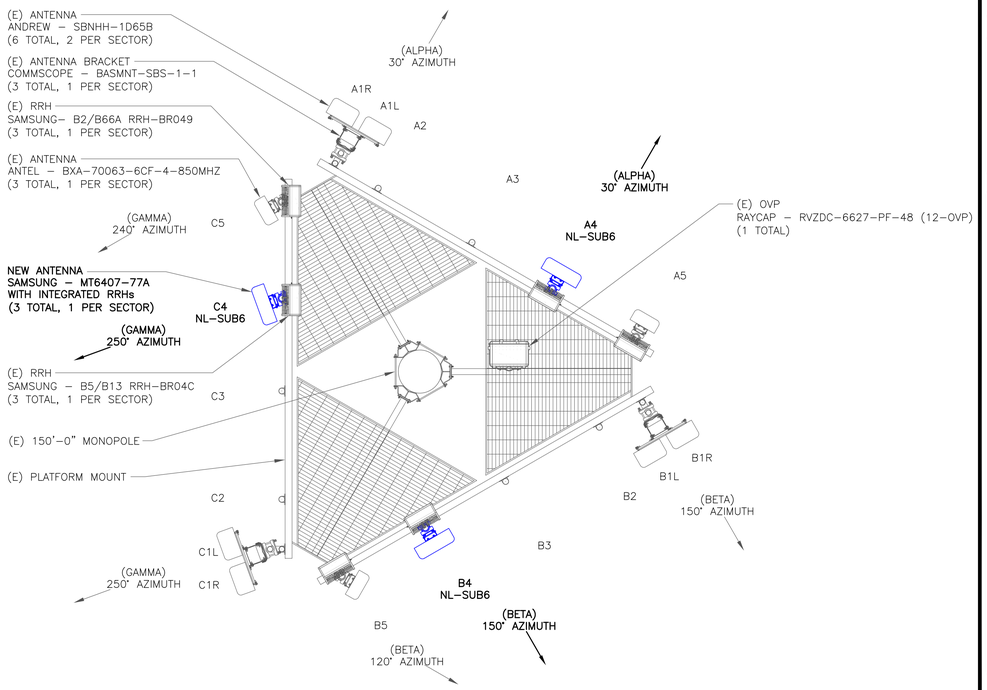
VERIZON EQUIPMENT

ANTENNA CL: 147'-0"
MOUNT CL: 145'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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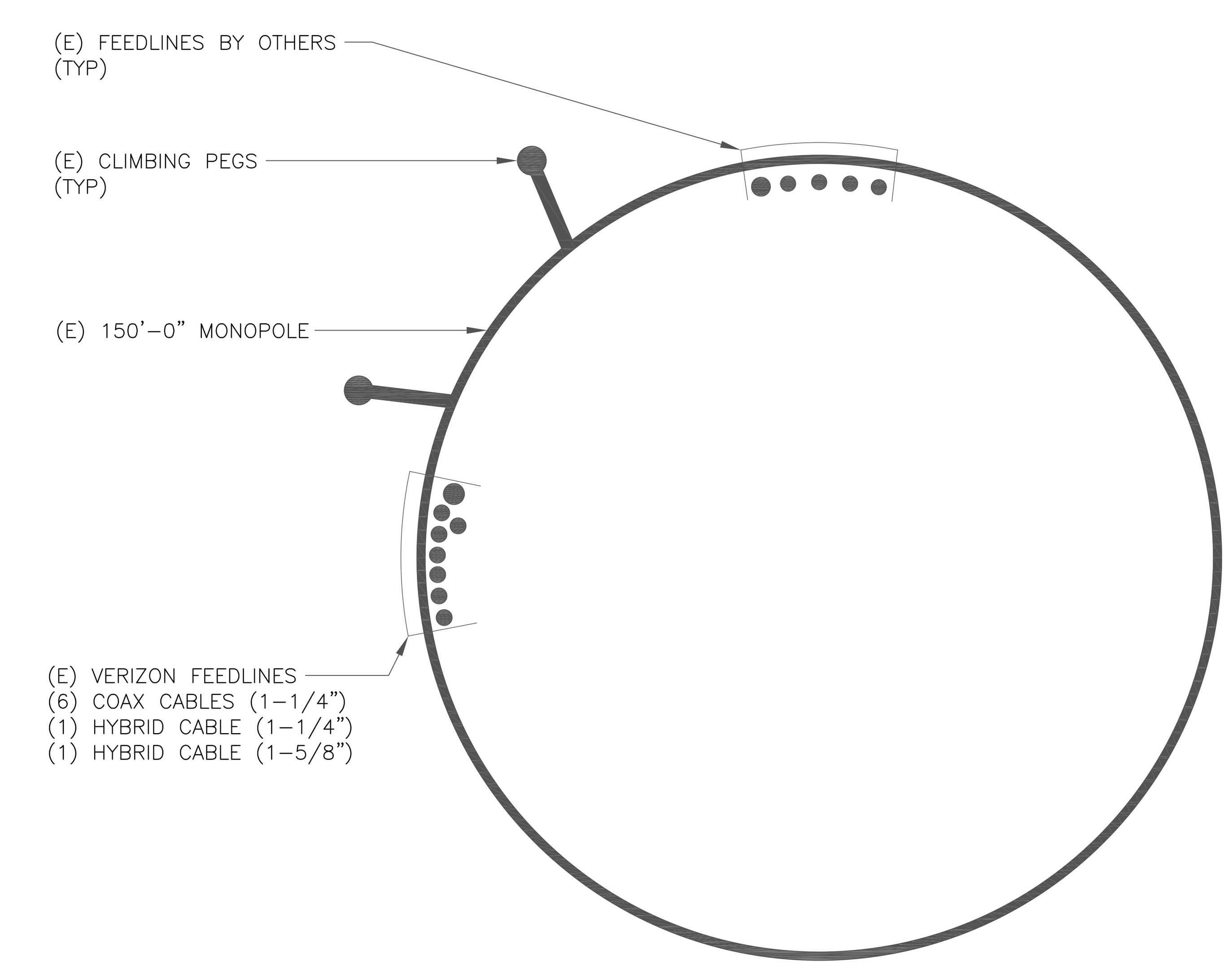
SHEET NUMBER: C-2

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
A1L	EXISTING	ANDREW	SBNHH–1D65B	147'–0"	30°	2°/0°	8°/8°/4°/4°	–	–
A1R	EXISTING	ANDREW	SBNHH–1D65B	147'–0"	30°	2°/0°	8°/8°/4°/4°	–	–
A2	–	–	–	–	–	–	–	–	–
A3	–	–	–	–	–	–	–	–	–
A4	**NEW**	**SAMSUNG**	**MT6407–77A**	**147'–0"**	**30°**	**0°**	**3°**	SAMSUNG –	(1) B5/B13 RRH–BR04C **INTERGRATED WITHIN**
A5	EXISTING	ANTEL	BXA–70063–6CF–4–850MHZ	147'–0"	30°	2°	4°	SAMSUNG RAYCAP	(1) B2/B66A RRH–BR049 (1) RVZDC–6627–PF–48 (12–OVP)
B1L	EXISTING	ANDREW	SBNHH–1D65B	147'–0"	150°	0°	6°/6°/3°/3°	–	–
B1R	EXISTING	ANDREW	SBNHH–1D65B	147'–0"	150°	0°	6°/6°/3°/3°	–	–
B2	–	–	–	–	–	–	–	–	–
B3	–	–	–	–	–	–	–	–	–
B4	**NEW**	**SAMSUNG**	**MT6407–77A**	**147'–0"**	**150°**	**0°**	**3°**	SAMSUNG –	(1) B5/B13 RRH–BR04C **INTERGRATED WITHIN**
B5	EXISTING	ANTEL	BXA–70063–6CF–4–850MHZ	147'–0"	120°	0°	4°	SAMSUNG	(1) B2/B66A RRH–BR049
C1L	EXISTING	ANDREW	SBNHH–1D65B	147'–0"	250°	0°	8°/8°/4°/4°	–	–
C1R	EXISTING	ANDREW	SBNHH–1D65B	147'–0"	250°	0°	8°/8°/4°/4°	–	–
C2	–	EMPTY MOUNT PIPE	–	–	–	–	–	–	–
C3	–	EMPTY MOUNT PIPE	–	–	–	–	–	–	–
C4	**NEW**	**SAMSUNG**	**MT6407–77A**	**147'–0"**	**250°**	**0°**	**3°**	SAMSUNG –	(1) B5/B13 RRH–BR04C **INTERGRATED WITHIN**
C5	EXISTING	ANTEL	BXA–70063–6CF–4–850MHZ	147'–0"	240°	0°	4°	SAMSUNG	(1) B2/B66A RRH–BR049

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE				
STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1–1/4"	197'–0"±	6
EXISTING	HYBRID	1–1/4"	197'–0"±	1
EXISTING	HYBRID	1–5/8"	197'–0"±	1
TOTAL CABLE QTY:				8



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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PH: (918) 587-4630
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VERIZON SITE NUMBER:
468977

BU #: **806370**
HRT 099 943226

570 NEW PARK AVENUE
WEST HARTFORD, CT 06110

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/11/22	MEH	CONSTRUCTION	KT

STATE OF CONNECTICUT CHAD TUTTLE No. 23924 LICENSED PROFESSIONAL ENGINEER 7/11/22

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23

SHEET NUMBER: C-3
REVISION: 0

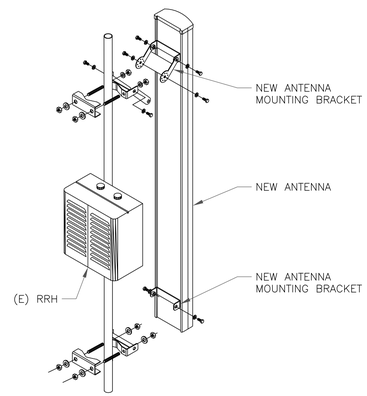
1 NOT USED
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

3 NOT USED
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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7/11/22

MTS ENGINEERING P.L.L.C.
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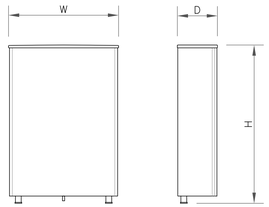
Expires 3/31/23

SHEET NUMBER: C-4

REVISION: 0



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

1 ANTENNA SPECS
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

3 NOT USED
SCALE: NOT TO SCALE

4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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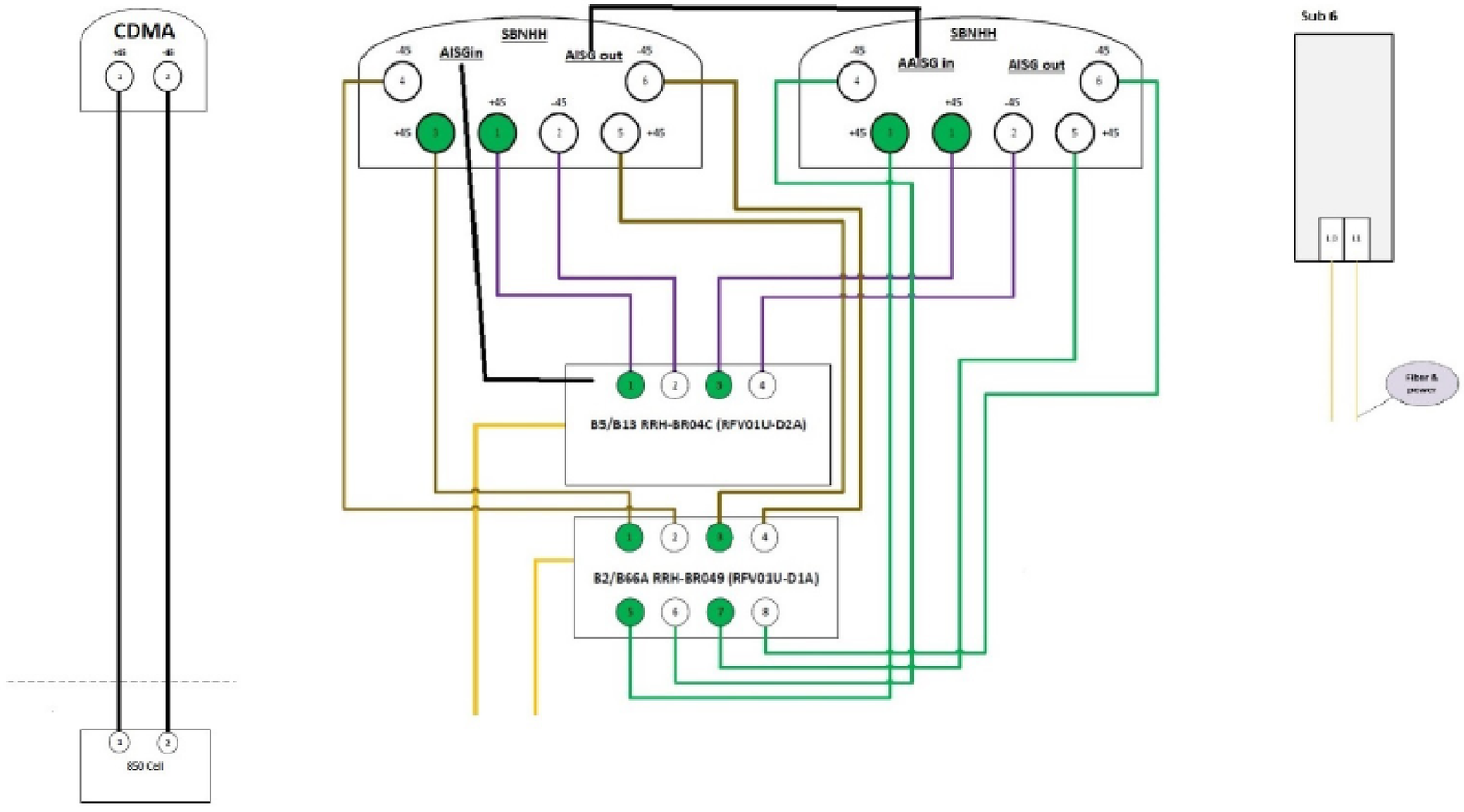
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23

SHEET NUMBER: C-5

REVISION: 0



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

verizon
1515 E. WOODFIELD ROAD
SCHAUMBURG, IL 60173

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

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VERIZON SITE NUMBER:
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570 NEW PARK AVENUE
WEST HARTFORD, CT 06110

EXISTING 150'-0" MONOPOLE

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STATE OF CONNECTICUT
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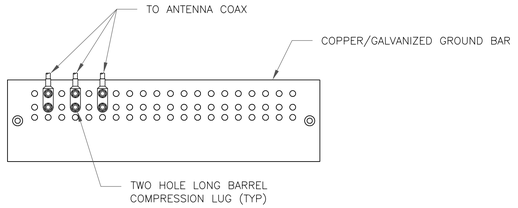
BER:2386985
Expires 3/31/23

SHEET NUMBER: C-6

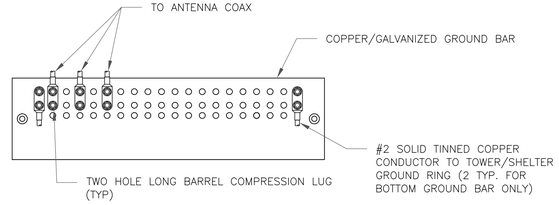
REVISION: 0



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.

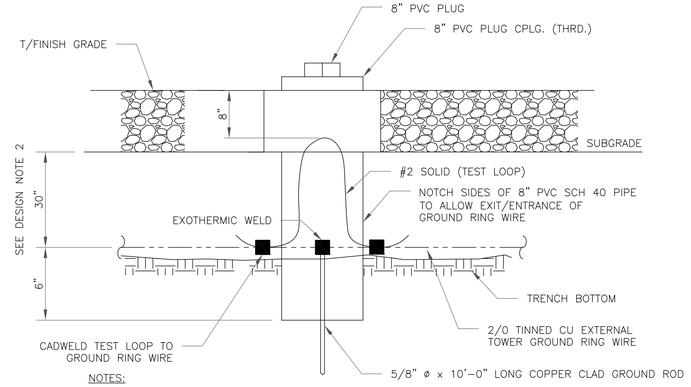
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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:

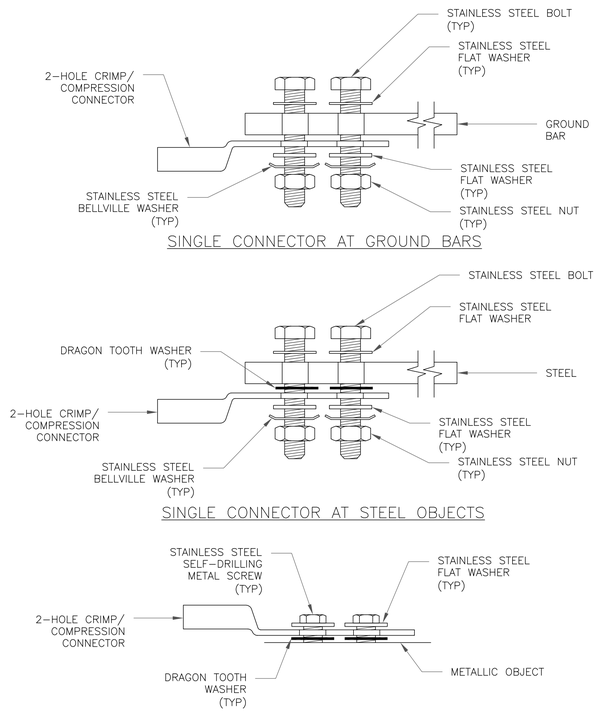
1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE

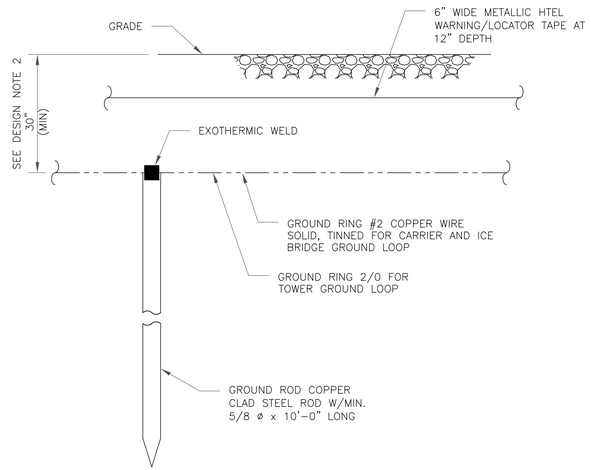
NOTES:

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

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7/11/22

MTS ENGINEERING P.L.L.C.
BER:2386985
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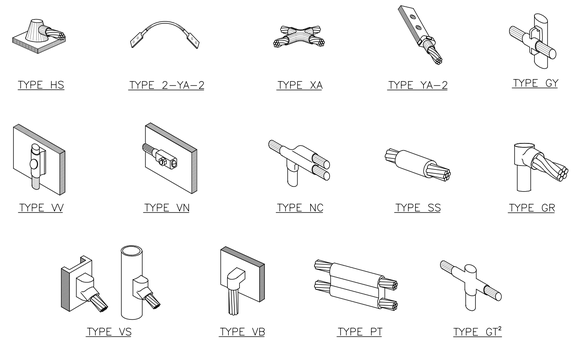
SHEET NUMBER: G-1

REVISION: 0

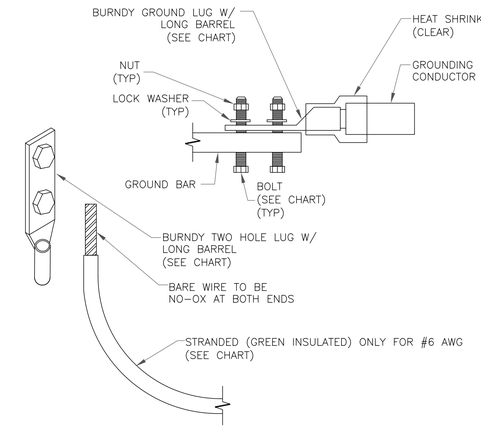


NOTE:

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

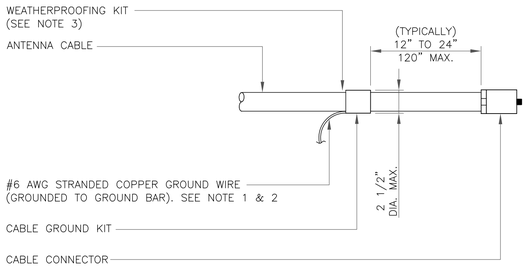
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

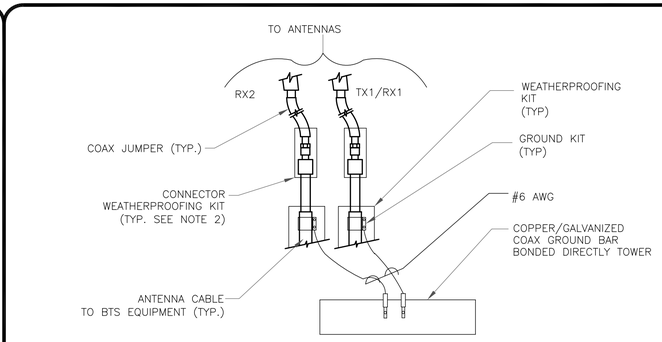
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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

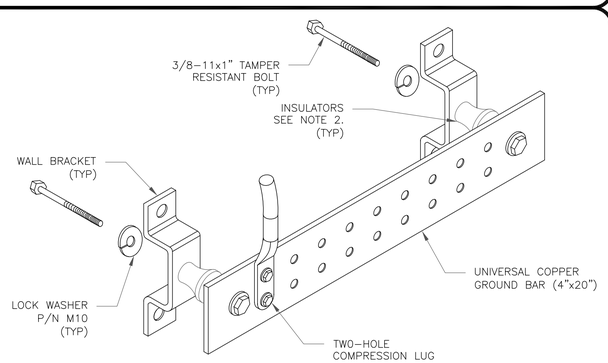


NOTES:

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

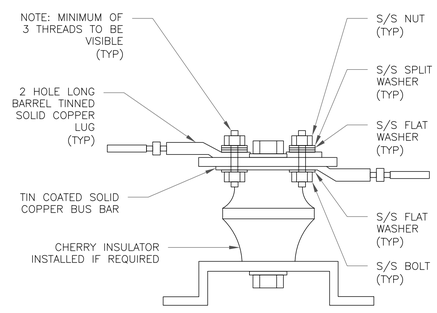
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



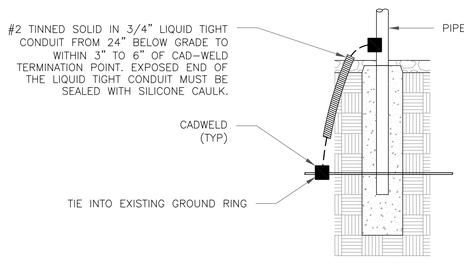
NOTES:

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
1515 E. WOODFIELD ROAD
SCHAUMBURG, IL 60173

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:
468977

BU #: **806370**
HRT 099 943226

570 NEW PARK AVENUE
WEST HARTFORD, CT 06110

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/11/22	MEH	CONSTRUCTION	KT

STATE OF CONNECTICUT
No. 23024
LICENSED
PROFESSIONAL ENGINEER
7/11/22

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **June 27, 2022**

Black & Veatch Corp.
11401 Lamar Avenue
Overland Park, KS 66211
(913) 458-6909

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	468977
	Site Name:	West Hartford CT
Crown Castle Designation:	**BU Number:**	806370
	Site Name:	HRT 099 943226
	JDE Job Number:	723337
	Work Order Number:	2131381
	Order Number:	623896 Rev. 0
Engineering Firm Designation:	**Black & Veatch Corp. Project Number:**	406642
Site Data:	**570 New Park Avenue, West Hartford, Hartford County, CT**	
	Latitude *41° 44' 10.5"*, Longitude *-72° 43' 14.2"*	
	150 Foot - Monopole Tower	

Black & Veatch Corp. 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:

LC5: Proposed Equipment Configuration **Sufficient Capacity - 47.0%**

This analysis utilizes an ultimate 3-second gust wind speed of 117 mph as permitted by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Warit Chaisuwan

Respectfully submitted by:

Joshua Riley, P.E.
Professional Engineer

Digitally signed by Riley, Joshua J
Date: 2022.06.27 09:07:33-05'00'

06/27/2022

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1) INTRODUCTION

This tower is a 150 ft Monopole tower designed by Valmont Industries, Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	117 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	2 in
Wind Speed with Ice:	50 mph
Seismic Ss:	0.181
Seismic S1:	0.064
Service Wind Speed:	60 mph
Seismic Loading:	Does not control per engineering judgment

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)
147.0	147.0	3	antel	BXA-70063-6CF-EDIN-5 w/ Mount Pipe	7 1	1-1/4 1-5/8
		1	cci tower mounts (v2.1)	Platform Mount [LP 713-1]		
		6	commscope	SBNHH-1D65B w/ Mount Pipe		
		1	raycap	RVZDC-6627-PF-48		
		1	rfs celwave	DB-T1-6Z-8AB-0Z		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		

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)
139.0	139.0	3	alcatel lucent	800MHz 2X50W RRH W/FILTER	-	-
		3	alcatel lucent	PCS 1900MHz 4x45W-65MHz		
		1	cci tower mounts (v2.1)	Side Arm Mount [SO 104-3]		
137.0	138.0	3	nokia	AAHC w/ Mount Pipe	3 1	1-1/4 1-1/2
		3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe		
		3	rfs celwave	IBC1900BB-1		
		3	rfs celwave	IBC1900HG-2A		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
	137.0	1	cci tower mounts (v2.1)	Platform Mount [LP 713-1]		
117.0	122.0	1	antel	BCD-87010	1	1-1/4
	117.0	1	cci tower mounts (v2.1)	Side Arm Mount [SO 702-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2308053	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	2308022	CCISITES
4-TOWER MANUFACTURER DRAWINGS	260794	CCISITES

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary) (Monopole Tower)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	150 - 96.8333	Pole	TP39.21x26.19x0.3125	1	-13.68	2318.44	23.2	Pass
L2	96.8333 - 48	Pole	TP50.55x37.1973x0.4063	2	-26.15	3891.32	29.2	Pass
L3	48 - 0	Pole	TP61.5x48.0225x0.5	3	-48.68	6032.55	30.8	Pass
							Summary	
						Pole (L3)	30.8	Pass
						Rating =	30.8	Pass

Table 5 - Tower Component Stresses vs. Capacity (Monopole Tower) – LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	26.3	Pass
	Base Plate		18.3	Pass
1	Base Foundation (Structure)	0	16.1	Pass
	Base Foundation (Soil Interaction)		47.0	Pass

Structure Rating (max from all components) =	47.0%

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

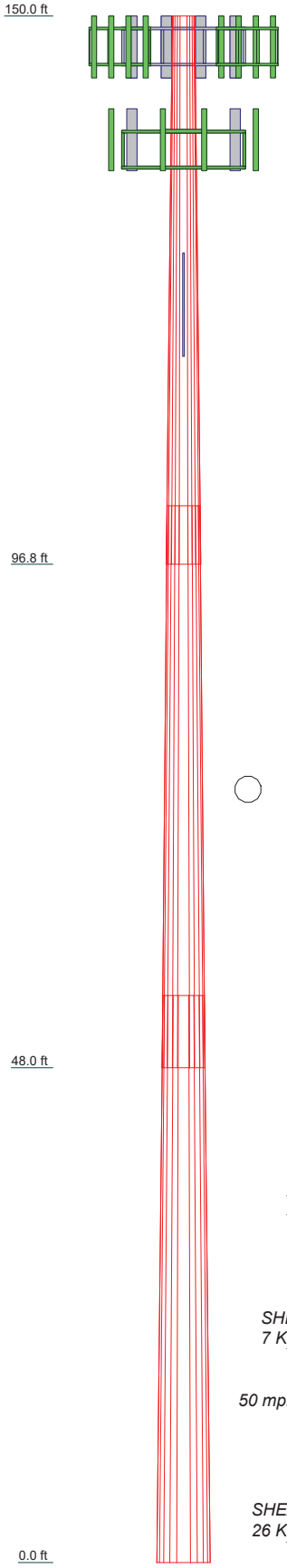
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	53.17	12	0.3125	5.67	26.1900	39.2100		5.9
2	54.50	12	0.4063	7.00	37.1973	50.5500	A572-65	10.5
3	55.00	12	0.5000		48.0225	61.5000		16.3
								32.8



ALL REACTIONS ARE FACTORED

AXIAL 80 K
SHEAR 7 K
MOMENT 723 kip-ft
TORQUE 1 kip-ft
50 mph WIND - 2.0000 in ICE

AXIAL 49 K
SHEAR 26 K
MOMENT 2431 kip-ft
TORQUE 1 kip-ft
REACTIONS - 117 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 117 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 30.8%

BLACK & VEATCH
Building a world of difference.

Black & Veatch Corp.
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-6909
FAX:

Job: ***HRT 099 943226 (BU# 806370)***			
Project: ***406642 (806370.2131381***			
Client: Crown Castle	Drawn by: Warit Chaisuwan	App'd:	
Code: TIA-222-H	Date: 06/27/22	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

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

- Tower is located in Hartford County, Connecticut.
- Tower base elevation above sea level: 67.00 ft.
- Basic wind speed of 117 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.5000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.00-96.83	53.17	5.67	12	26.1900	39.2100	0.3125	1.2500	A572-65 (65 ksi)
L2	96.83-48.00	54.50	7.00	12	37.1973	50.5500	0.4063	1.6250	A572-65 (65 ksi)
L3	48.00-0.00	55.00		12	48.0225	61.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	27.0036	26.0392	2225.6599	9.2641	13.5664	164.0565	4509.7903	12.8157	6.1814	19.781
	40.4829	39.1406	7558.8706	13.9253	20.3108	372.1605	15316.3212	19.2638	9.6708	30.946
L2	39.8035	48.1273	8314.9774	13.1712	19.2682	431.5391	16848.3984	23.6868	8.8801	21.859
	52.1899	65.5943	21051.6250	17.9515	26.1849	803.9605	42656.2996	32.2835	12.4587	30.667
L3	51.3160	76.5112	22055.0932	17.0130	24.8756	886.6141	44689.5982	37.6565	11.5300	23.06
	63.4931	98.2100	46644.5955	21.8380	31.8570	1464.1867	94514.5965	48.3360	15.1420	30.284

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 150.00-96.83				1	1	1			
L2 96.83-48.00				1	1	1			
L3 48.00-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
***											

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
** Safety Line **									
Safety Line 3/8	C	No	No	CaAa (Out Of Face)	150.00 - 12.00	1	No Ice	0.04	0.22
							1/2" Ice	0.14	0.75
							1" Ice	0.24	1.28
							2" Ice	0.44	2.34
** 147 **									
LDF6-50A(1-1/4)	C	No	No	Inside Pole	147.00 - 0.00	6	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
							2" Ice	0.00	0.60
HB114-U6S12-XXX-LI(1-1/4)	C	No	No	Inside Pole	147.00 - 0.00	1	No Ice	0.00	1.70
							1/2" Ice	0.00	1.70
							1" Ice	0.00	1.70
							2" Ice	0.00	1.70
HB158-1-08U8-S8J18(1-5/8)	C	No	No	Inside Pole	147.00 - 0.00	1	No Ice	0.00	1.30
							1/2" Ice	0.00	1.30
							1" Ice	0.00	1.30
							2" Ice	0.00	1.30
** 137 **									
MLC6C-06C-008R-008R(1-1/2)	A	No	No	Inside Pole	137.00 - 0.00	1	No Ice	0.00	1.52
							1/2" Ice	0.00	1.52
							1" Ice	0.00	1.52
							2" Ice	0.00	1.52
HB114-1-08U4-M5J(1-1/4)	A	No	No	Inside Pole	137.00 - 0.00	3	No Ice	0.00	1.08
							1/2" Ice	0.00	1.08
							1" Ice	0.00	1.08
							2" Ice	0.00	1.08
** 117 **									
LDF6-50A(1-1/4)	A	No	No	Inside Pole	117.00 - 0.00	1	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
							2" Ice	0.00	0.60
***									

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	150.00-96.83	A	0.000	0.000	0.000	0.000	0.20
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	1.994	0.34
L2	96.83-48.00	A	0.000	0.000	0.000	0.000	0.26
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	1.831	0.33
L3	48.00-0.00	A	0.000	0.000	0.000	0.000	0.26
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	1.350	0.32

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	150.00-96.83	A	1.453	0.000	0.000	0.000	0.000	0.20
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	17.444	0.42
L2	96.83-48.00	A	1.378	0.000	0.000	0.000	0.000	0.26
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	16.023	0.41
L3	48.00-0.00	A	1.236	0.000	0.000	0.000	0.000	0.26
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	11.272	0.38

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	150.00-96.83	-0.2187	0.1263	-1.1635	0.6717
L2	96.83-48.00	-0.2196	0.1268	-1.2169	0.7026
L3	48.00-0.00	-0.1611	0.0930	-0.8848	0.5109

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

Discrete Tower Loads

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
* 147 *									
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
BXA-70063-6CF-EDIN-5 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.40 8.14 8.90 10.46	5.39 6.10 6.83 8.34	0.04 0.10 0.16 0.33
BXA-70063-6CF-EDIN-5 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.40 8.14 8.90 10.46	5.39 6.10 6.83 8.34	0.04 0.10 0.16 0.33
BXA-70063-6CF-EDIN-5 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	147.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.40 8.14 8.90 10.46	5.39 6.10 6.83 8.34	0.04 0.10 0.16 0.33
RVZDC-6627-PF-48	A	From Leg	4.00	0.00	147.00	No Ice	3.79	2.51	0.03

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
			0.00			1/2"	4.04	2.73	0.06
			0.00			Ice	4.30	2.95	0.10
						1" Ice	4.84	3.42	0.18
						2" Ice			
RFV01U-D1A	A	From Leg	4.00	0.00	147.00	No Ice	1.88	1.25	0.08
			0.00			1/2"	2.05	1.39	0.10
			0.00			Ice	2.22	1.54	0.12
						1" Ice	2.60	1.86	0.18
						2" Ice			
RFV01U-D1A	B	From Leg	4.00	0.00	147.00	No Ice	1.88	1.25	0.08
			0.00			1/2"	2.05	1.39	0.10
			0.00			Ice	2.22	1.54	0.12
						1" Ice	2.60	1.86	0.18
						2" Ice			
RFV01U-D1A	C	From Leg	4.00	0.00	147.00	No Ice	1.88	1.25	0.08
			0.00			1/2"	2.05	1.39	0.10
			0.00			Ice	2.22	1.54	0.12
						1" Ice	2.60	1.86	0.18
						2" Ice			
RFV01U-D2A	A	From Leg	4.00	0.00	147.00	No Ice	1.88	1.01	0.07
			0.00			1/2"	2.05	1.14	0.09
			0.00			Ice	2.22	1.28	0.11
						1" Ice	2.60	1.59	0.15
						2" Ice			
RFV01U-D2A	B	From Leg	4.00	0.00	147.00	No Ice	1.88	1.01	0.07
			0.00			1/2"	2.05	1.14	0.09
			0.00			Ice	2.22	1.28	0.11
						1" Ice	2.60	1.59	0.15
						2" Ice			
RFV01U-D2A	C	From Leg	4.00	0.00	147.00	No Ice	1.88	1.01	0.07
			0.00			1/2"	2.05	1.14	0.09
			0.00			Ice	2.22	1.28	0.11
						1" Ice	2.60	1.59	0.15
						2" Ice			
(2) 6'x2" Mount Pipe	A	From Leg	4.00	0.00	147.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			0.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
(2) 6'x2" Mount Pipe	B	From Leg	4.00	0.00	147.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			0.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
(2) 6'x2" Mount Pipe	C	From Leg	4.00	0.00	147.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			0.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
Platform Mount [LP 713-1]	C	None		0.00	147.00	No Ice	32.89	32.89	1.51
						1/2"	35.76	35.76	2.23
						Ice	38.76	38.76	3.03
						1" Ice	45.26	45.26	4.86
						2" Ice			
* 139 *									
800MHz 2X50W RRH W/FILTER	A	From Leg	2.00	0.00	139.00	No Ice	2.06	1.93	0.06
			0.00			1/2"	2.24	2.11	0.09
			0.00			Ice	2.43	2.29	0.11
						1" Ice	2.83	2.68	0.17
						2" Ice			
800MHz 2X50W RRH W/FILTER	B	From Leg	2.00	0.00	139.00	No Ice	2.06	1.93	0.06
			0.00			1/2"	2.24	2.11	0.09
			0.00			Ice	2.43	2.29	0.11
						1" Ice	2.83	2.68	0.17
						2" Ice			

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
800MHz 2X50W RRH W/FILTER	C	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.06 2.24 2.43 2.83	1.93 2.11 2.29 2.68	0.06 0.09 0.11 0.17
PCS 1900MHz 4x45W-65MHz	A	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHz 4x45W-65MHz	B	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHz 4x45W-65MHz	C	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
Side Arm Mount [SO 104-3]	C	None		0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.62 3.30 3.98 5.35	2.62 3.30 3.98 5.35	0.29 0.41 0.53 0.77
(2) 4'x2" Mount Pipe	A	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.87 1.11 1.36 1.90	0.87 1.11 1.36 1.90	0.01 0.02 0.03 0.06
(2) 4'x2" Mount Pipe	B	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.87 1.11 1.36 1.90	0.87 1.11 1.36 1.90	0.01 0.02 0.03 0.06
(2) 4'x2" Mount Pipe	C	From Leg	2.00 0.00 0.00	0.00	139.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.87 1.11 1.36 1.90	0.87 1.11 1.36 1.90	0.01 0.02 0.03 0.06
* 137 *									
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
AAHC w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice Ice 1" Ice 2" Ice	4.12 4.48 4.87 5.67	2.44 2.75 3.06 3.74	0.12 0.15 0.20 0.30
AAHC w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice Ice 1" Ice	4.12 4.48 4.87 5.67	2.44 2.75 3.06 3.74	0.12 0.15 0.20 0.30

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
						2" Ice			
AAHC w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.12 4.48 4.87 5.67	2.44 2.75 3.06 3.74	0.12 0.15 0.20 0.30
(2) IBC1900HG-2A	B	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.97 1.09 1.22 1.51	0.46 0.56 0.66 0.89	0.02 0.03 0.04 0.06
IBC1900HG-2A	C	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.97 1.09 1.22 1.51	0.46 0.56 0.66 0.89	0.02 0.03 0.04 0.06
(2) IBC1900BB-1	B	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.97 1.09 1.22 1.51	0.46 0.56 0.66 0.89	0.02 0.03 0.04 0.06
IBC1900BB-1	C	From Leg	4.00 0.00 1.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.97 1.09 1.22 1.51	0.46 0.56 0.66 0.89	0.02 0.03 0.04 0.06
Platform Mount [LP 713-1]	C	None		0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	32.89 35.76 38.76 45.26	32.89 35.76 38.76 45.26	1.51 2.23 3.03 4.86
6'x2" Mount Pipe	A	From Leg	0.00 0.00 0.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6'x2" Mount Pipe	A	From Leg	0.00 0.00 0.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6'x2" Mount Pipe	C	From Leg	0.00 0.00 0.00	0.00	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
* 117 * BCD-87010	A	From Leg	6.00 0.00 5.00	0.00	117.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.90 4.05 5.21 7.01	2.90 4.05 5.21 7.01	0.03 0.05 0.08 0.16
Side Arm Mount [SO 702-1] **	A	From Leg	3.00 0.00 0.00	0.00	117.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.62 0.74 0.89 1.25	1.49 2.07 2.54 3.55	0.03 0.04 0.06 0.12

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	150 - 96.8333	Pole	Max Tension	30	0.00	0.00	-0.00
			Max. Compression	26	-27.52	-0.33	1.25
			Max. Mx	8	-13.65	-434.68	-0.35
			Max. My	2	-13.65	0.38	434.31
			Max. Vy	8	13.07	-434.68	-0.35
			Max. Vx	2	-13.02	0.38	434.31
			Max. Torque	8			1.30

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L2	96.8333 - 48	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-44.10	-0.19	1.17
			Max. Mx	8	-26.12	-1195.18	-1.10
			Max. My	2	-26.12	1.15	1192.63
			Max. Vy	8	19.03	-1195.18	-1.10
			Max. Vx	2	-18.98	1.15	1192.63
			Max. Torque	8			1.28
L3	48 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-71.82	-0.05	1.09
			Max. Mx	8	-48.64	-2430.10	-1.98
			Max. My	2	-48.64	2.04	2425.06
			Max. Vy	8	25.65	-2430.10	-1.98
			Max. Vx	2	-25.61	2.04	2425.06
			Max. Torque	8			1.21

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	71.82	0.00	0.00
	Max. H_x	20	48.65	25.64	0.02
	Max. H_z	2	48.65	0.02	25.59
	Max. M_x	2	2425.06	0.02	25.59
	Max. M_z	8	2430.10	-25.64	-0.02
	Max. Torsion	8	1.16	-25.64	-0.02
	Min. Vert	17	36.49	12.81	-22.16
	Min. H_x	8	48.65	-25.64	-0.02
	Min. H_z	14	48.65	-0.02	-25.59
	Min. M_x	14	-2424.62	-0.02	-25.59
	Min. M_z	20	-2429.79	25.64	0.02
	Min. Torsion	20	-1.16	25.64	0.02

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	40.54	0.00	0.00	-0.18	-0.12	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	48.65	-0.02	-25.59	-2425.06	2.04	-0.20
0.9 Dead+1.0 Wind 0 deg - No Ice	36.49	-0.02	-25.59	-2413.02	2.07	-0.20
1.2 Dead+1.0 Wind 30 deg - No Ice	48.65	12.81	-22.16	-2099.09	-1213.23	-0.76
0.9 Dead+1.0 Wind 30 deg - No Ice	36.49	12.81	-22.16	-2088.67	-1207.20	-0.76
1.2 Dead+1.0 Wind 60 deg - No Ice	48.65	22.20	-12.78	-1210.74	-2103.45	-1.11
0.9 Dead+1.0 Wind 60 deg - No Ice	36.49	22.20	-12.78	-1204.70	-2093.02	-1.11
1.2 Dead+1.0 Wind 90 deg - No Ice	48.65	25.64	0.02	1.98	-2430.10	-1.16
0.9 Dead+1.0 Wind 90 deg - No Ice	36.49	25.64	0.02	2.02	-2418.06	-1.16
1.2 Dead+1.0 Wind 120 deg - No Ice	48.65	22.21	12.81	1214.10	-2105.65	-0.91
0.9 Dead+1.0 Wind 120 deg - No Ice	36.49	22.21	12.81	1208.15	-2095.20	-0.91
1.2 Dead+1.0 Wind 150 deg - No Ice	48.65	12.83	22.17	2100.85	-1217.03	-0.41

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
0.9 Dead+1.0 Wind 150 deg - No Ice	36.49	12.83	22.17	2090.52	-1210.97	-0.41
1.2 Dead+1.0 Wind 180 deg - No Ice	48.65	0.02	25.59	2424.62	-2.35	0.20
0.9 Dead+1.0 Wind 180 deg - No Ice	36.49	0.02	25.59	2412.69	-2.30	0.20
1.2 Dead+1.0 Wind 210 deg - No Ice	48.65	-12.81	22.16	2098.65	1212.92	0.76
0.9 Dead+1.0 Wind 210 deg - No Ice	36.49	-12.81	22.16	2088.34	1206.97	0.76
1.2 Dead+1.0 Wind 240 deg - No Ice	48.65	-22.20	12.78	1210.30	2103.14	1.11
0.9 Dead+1.0 Wind 240 deg - No Ice	36.49	-22.20	12.78	1204.38	2092.79	1.11
1.2 Dead+1.0 Wind 270 deg - No Ice	48.65	-25.64	-0.02	-2.41	2429.79	1.16
0.9 Dead+1.0 Wind 270 deg - No Ice	36.49	-25.64	-0.02	-2.34	2417.83	1.16
1.2 Dead+1.0 Wind 300 deg - No Ice	48.65	-22.21	-12.81	-1214.54	2105.34	0.91
0.9 Dead+1.0 Wind 300 deg - No Ice	36.49	-22.21	-12.81	-1208.48	2094.98	0.91
1.2 Dead+1.0 Wind 330 deg - No Ice	48.65	-12.83	-22.17	-2101.29	1216.72	0.41
0.9 Dead+1.0 Wind 330 deg - No Ice	36.49	-12.83	-22.17	-2090.85	1210.75	0.41
1.2 Dead+1.0 Ice+1.0 Temp	71.82	0.00	0.00	-1.09	-0.05	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	71.82	-0.00	-7.08	-674.26	0.41	-0.44
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	71.82	3.55	-6.13	-583.84	-337.25	-0.47
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	71.82	6.15	-3.54	-337.30	-584.56	-0.38
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	71.82	7.10	0.00	-0.69	-675.26	-0.18
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	71.82	6.15	3.54	335.78	-585.04	0.07
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	71.82	3.55	6.14	581.97	-338.08	0.29
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	71.82	0.00	7.08	671.91	-0.55	0.44
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	71.82	-3.55	6.13	581.50	337.11	0.47
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	71.82	-6.15	3.54	334.95	584.42	0.38
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	71.82	-7.10	-0.00	-1.65	675.12	0.18
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	71.82	-6.15	-3.54	-338.13	584.90	-0.07
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	71.82	-3.55	-6.14	-584.32	337.94	-0.29
Dead+Wind 0 deg - Service	40.54	-0.00	-6.34	-598.89	0.41	-0.05
Dead+Wind 30 deg - Service	40.54	3.17	-5.49	-518.41	-299.64	-0.19
Dead+Wind 60 deg - Service	40.54	5.50	-3.17	-299.07	-519.45	-0.27
Dead+Wind 90 deg - Service	40.54	6.35	0.00	0.36	-600.10	-0.29
Dead+Wind 120 deg - Service	40.54	5.50	3.17	299.64	-519.99	-0.22
Dead+Wind 150 deg - Service	40.54	3.18	5.49	518.58	-300.58	-0.10
Dead+Wind 180 deg - Service	40.54	0.00	6.34	598.53	-0.67	0.05
Dead+Wind 210 deg - Service	40.54	-3.17	5.49	518.04	299.39	0.19
Dead+Wind 240 deg - Service	40.54	-5.50	3.17	298.70	519.19	0.27
Dead+Wind 270 deg - Service	40.54	-6.35	-0.00	-0.72	599.84	0.29
Dead+Wind 300 deg - Service	40.54	-5.50	-3.17	-300.00	519.73	0.22

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
Dead+Wind 330 deg - Service	40.54	-3.18	-5.49	-518.95	300.33	0.10

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX	PY	PZ	PX	PY	PZ	
	K	K	K	K	K	K	
1	0.00	-40.54	0.00	0.00	40.54	0.00	0.000%
2	-0.02	-48.65	-25.59	0.02	48.65	25.59	0.000%
3	-0.02	-36.49	-25.59	0.02	36.49	25.59	0.000%
4	12.81	-48.65	-22.16	-12.81	48.65	22.16	0.000%
5	12.81	-36.49	-22.16	-12.81	36.49	22.16	0.000%
6	22.20	-48.65	-12.78	-22.20	48.65	12.78	0.000%
7	22.20	-36.49	-12.78	-22.20	36.49	12.78	0.000%
8	25.64	-48.65	0.02	-25.64	48.65	-0.02	0.000%
9	25.64	-36.49	0.02	-25.64	36.49	-0.02	0.000%
10	22.21	-48.65	12.81	-22.21	48.65	-12.81	0.000%
11	22.21	-36.49	12.81	-22.21	36.49	-12.81	0.000%
12	12.83	-48.65	22.17	-12.83	48.65	-22.17	0.000%
13	12.83	-36.49	22.17	-12.83	36.49	-22.17	0.000%
14	0.02	-48.65	25.59	-0.02	48.65	-25.59	0.000%
15	0.02	-36.49	25.59	-0.02	36.49	-25.59	0.000%
16	-12.81	-48.65	22.16	12.81	48.65	-22.16	0.000%
17	-12.81	-36.49	22.16	12.81	36.49	-22.16	0.000%
18	-22.20	-48.65	12.78	22.20	48.65	-12.78	0.000%
19	-22.20	-36.49	12.78	22.20	36.49	-12.78	0.000%
20	-25.64	-48.65	-0.02	25.64	48.65	0.02	0.000%
21	-25.64	-36.49	-0.02	25.64	36.49	0.02	0.000%
22	-22.21	-48.65	-12.81	22.21	48.65	12.81	0.000%
23	-22.21	-36.49	-12.81	22.21	36.49	12.81	0.000%
24	-12.83	-48.65	-22.17	12.83	48.65	22.17	0.000%
25	-12.83	-36.49	-22.17	12.83	36.49	22.17	0.000%
26	0.00	-71.82	0.00	0.00	71.82	0.00	0.000%
27	-0.00	-71.82	-7.08	0.00	71.82	7.08	0.000%
28	3.55	-71.82	-6.13	-3.55	71.82	6.13	0.000%
29	6.15	-71.82	-3.54	-6.15	71.82	3.54	0.000%
30	7.10	-71.82	0.00	-7.10	71.82	-0.00	0.000%
31	6.15	-71.82	3.54	-6.15	71.82	-3.54	0.000%
32	3.55	-71.82	6.14	-3.55	71.82	-6.14	0.000%
33	0.00	-71.82	7.08	-0.00	71.82	-7.08	0.000%
34	-3.55	-71.82	6.13	3.55	71.82	-6.13	0.000%
35	-6.15	-71.82	3.54	6.15	71.82	-3.54	0.000%
36	-7.10	-71.82	-0.00	7.10	71.82	0.00	0.000%
37	-6.15	-71.82	-3.54	6.15	71.82	3.54	0.000%
38	-3.55	-71.82	-6.14	3.55	71.82	6.14	0.000%
39	-0.00	-40.54	-6.34	0.00	40.54	6.34	0.000%
40	3.17	-40.54	-5.49	-3.17	40.54	5.49	0.000%
41	5.50	-40.54	-3.17	-5.50	40.54	3.17	0.000%
42	6.35	-40.54	0.00	-6.35	40.54	-0.00	0.000%
43	5.50	-40.54	3.17	-5.50	40.54	-3.17	0.000%
44	3.18	-40.54	5.49	-3.18	40.54	-5.49	0.000%
45	0.00	-40.54	6.34	-0.00	40.54	-6.34	0.000%
46	-3.17	-40.54	5.49	3.17	40.54	-5.49	0.000%
47	-5.50	-40.54	3.17	5.50	40.54	-3.17	0.000%
48	-6.35	-40.54	-0.00	6.35	40.54	0.00	0.000%
49	-5.50	-40.54	-3.17	5.50	40.54	3.17	0.000%
50	-3.18	-40.54	-5.49	3.18	40.54	5.49	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	0.00001604
3	Yes	4	0.00000001	0.00000851
4	Yes	4	0.00000001	0.00038247
5	Yes	4	0.00000001	0.00025236
6	Yes	4	0.00000001	0.00042073
7	Yes	4	0.00000001	0.00027848
8	Yes	4	0.00000001	0.00005336
9	Yes	4	0.00000001	0.00003544
10	Yes	4	0.00000001	0.00037828
11	Yes	4	0.00000001	0.00024943
12	Yes	4	0.00000001	0.00040986
13	Yes	4	0.00000001	0.00027102
14	Yes	4	0.00000001	0.00001573
15	Yes	4	0.00000001	0.00000825
16	Yes	4	0.00000001	0.00040968
17	Yes	4	0.00000001	0.00027108
18	Yes	4	0.00000001	0.00037440
19	Yes	4	0.00000001	0.00024696
20	Yes	4	0.00000001	0.00005514
21	Yes	4	0.00000001	0.00003665
22	Yes	4	0.00000001	0.00042120
23	Yes	4	0.00000001	0.00027875
24	Yes	4	0.00000001	0.00038667
25	Yes	4	0.00000001	0.00025518
26	Yes	4	0.00000001	0.00000001
27	Yes	4	0.00000001	0.00041514
28	Yes	4	0.00000001	0.00043105
29	Yes	4	0.00000001	0.00043185
30	Yes	4	0.00000001	0.00041507
31	Yes	4	0.00000001	0.00042983
32	Yes	4	0.00000001	0.00042865
33	Yes	4	0.00000001	0.00041165
34	Yes	4	0.00000001	0.00042787
35	Yes	4	0.00000001	0.00042830
36	Yes	4	0.00000001	0.00041424
37	Yes	4	0.00000001	0.00043148
38	Yes	4	0.00000001	0.00043145
39	Yes	4	0.00000001	0.00000001
40	Yes	4	0.00000001	0.00000770
41	Yes	4	0.00000001	0.00000957
42	Yes	4	0.00000001	0.00000452
43	Yes	4	0.00000001	0.00000763
44	Yes	4	0.00000001	0.00000881
45	Yes	4	0.00000001	0.00000001
46	Yes	4	0.00000001	0.00000890
47	Yes	4	0.00000001	0.00000757
48	Yes	4	0.00000001	0.00000453
49	Yes	4	0.00000001	0.00000949
50	Yes	4	0.00000001	0.00000778

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 96.8333	8.7141	43	0.50	0.00
L2	102.5 - 48	4.1214	43	0.38	0.00
L3	55 - 0	1.1757	43	0.19	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
147.00	(2) SBNHH-1D65B w/ Mount Pipe	43	8.4040	0.49	0.00	134667
139.00	800MHz 2X50W RRH W/FILTER	43	7.5808	0.48	0.00	61212
137.00	APXVSPP18-C-A20 w/ Mount Pipe	43	7.3766	0.47	0.00	51795
117.00	BCD-87010	43	5.4090	0.43	0.00	20404

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 96.8333	35.3175	10	2.03	0.00
L2	102.5 - 48	16.7040	10	1.55	0.00
L3	55 - 0	4.7640	10	0.79	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
147.00	(2) SBNHH-1D65B w/ Mount Pipe	10	34.0607	2.00	0.00	33298
139.00	800MHz 2X50W RRH W/FILTER	10	30.7243	1.94	0.00	15135
137.00	APXVSPP18-C-A20 w/ Mount Pipe	10	29.8967	1.92	0.00	12806
117.00	BCD-87010	10	21.9224	1.73	0.00	5044

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	150 - 96.8333 (1)	TP39.21x26.19x0.3125	53.17	0.00	0.0	37.7442	-13.65	2208.04	0.006
L2	96.8333 - 48 (2)	TP50.55x37.1973x0.4063	54.50	0.00	0.0	63.3508	-26.12	3706.02	0.007
L3	48 - 0 (3)	TP61.5x48.0225x0.5	55.00	0.00	0.0	98.2100	-48.64	5745.29	0.008

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	150 - 96.8333 (1)	TP39.21x26.19x0.3125	434.92	1837.13	0.237	0.00	1837.13	0.000
L2	96.8333 - 48	TP50.55x37.1973x0.4063	1195.53	3994.35	0.299	0.00	3994.35	0.000

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L3	(2) 48 - 0 (3)	TP61.5x48.0225x0.5	2430.59	7711.57	0.315	0.00	7711.57	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	150 - 96.8333 (1)	TP39.21x26.19x0.3125	13.07	662.41	0.020	1.12	2185.61	0.001
L2	96.8333 - 48 (2)	TP50.55x37.1973x0.4063	19.03	1111.81	0.017	1.01	4736.23	0.000
L3	48 - 0 (3)	TP61.5x48.0225x0.5	25.66	1723.59	0.015	0.91	9248.33	0.000

Pole Interaction Design Data

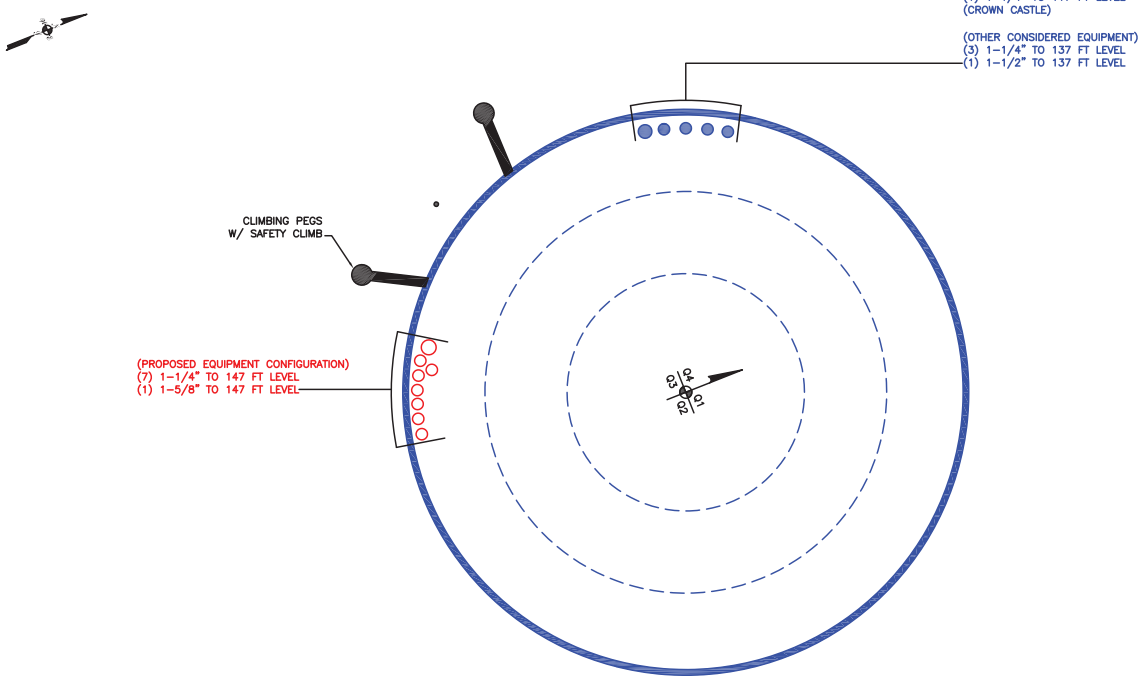
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 96.8333 (1)	0.006	0.237	0.000	0.020	0.001	0.243	1.050	4.8.2
L2	96.8333 - 48 (2)	0.007	0.299	0.000	0.017	0.000	0.307	1.050	4.8.2
L3	48 - 0 (3)	0.008	0.315	0.000	0.015	0.000	0.324	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	150 - 96.8333	Pole	TP39.21x26.19x0.3125	1	-13.65	2318.44	23.2	Pass
L2	96.8333 - 48	Pole	TP50.55x37.1973x0.4063	2	-26.12	3891.32	29.2	Pass
L3	48 - 0	Pole	TP61.5x48.0225x0.5	3	-48.64	6032.55	30.8	Pass
							Summary	
						Pole (L3)	30.8	Pass
						RATING =	**30.8**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/4" TO 117 FT LEVEL
(CROWN CASTLE)
(OTHER CONSIDERED EQUIPMENT)
(3) 1-1/4" TO 137 FT LEVEL
(1) 1-1/2" TO 137 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1-1/4" TO 147 FT LEVEL
(1) 1-5/8" TO 147 FT LEVEL
Q4
Q3
Q1
Q2

APPENDIX C

ADDITIONAL CALCULATIONS

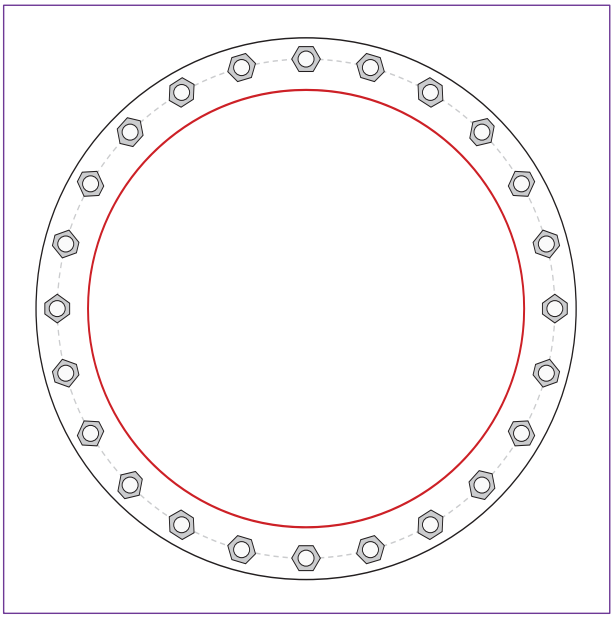
Monopole Base Plate Connection

Site Info	
BU #	806370
Site Name	HRT 099 943226
Order #	623896 Rev.0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.3125

Applied Loads	
Moment (kip-ft)	2430.72
Axial Force (kips)	48.68
Shear Force (kips)	25.66

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 70.17" BC

Base Plate Data

76.17" OD x 3" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

61.5" x 0.5" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 67.22	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.07	ϕVn = 149.1	**26.3%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	10.39	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**18.3%**	**Pass**

Drilled Pier Foundation

BU # :	806370
Site Name:	HRT 099 943226
Order Number:	623896 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)	2430.71	
Axial Force (kips)	48.68	
Shear Force (kips)	25.64	

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

Pier Design Data		
Depth	24.5	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 24.5' below grade		
Pier Diameter	9	ft
Rebar Quantity	60	
Rebar Size	10	
Clear Cover to Ties	3	in
Tie Size	4	
Tie Spacing		in

Rebar & Pier Options
Embedded Pole Inputs
Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	6.76	-
Soil Safety Factor	3.30	-
Max Moment (kip-ft)	2589.15	-
Rating*	*38.3%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	290.52	-
End Bearing (kips)	286.28	-
Weight of Concrete (kips)	236.26	-
Total Capacity (kips)	576.80	-
Axial (kips)	284.94	-
Rating*	*47.0%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	6.76	-
Critical Moment (kip-ft)	2589.15	-
Critical Moment Capacity	15279.20	-
Rating*	*16.1%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	20.53	-
Critical Shear (kip)	150.71	-
Critical Shear Capacity	1191.44	-
Rating*	*12.0%*	-

Shear-Friction Methodology is Applied

Structural Foundation Rating*	**16.1%**
Soil Interaction Rating*	**47.0%**

*Rating per TIA-222-H Section 15.5

Soil Profile

Groundwater Depth	14	# of Layers	4

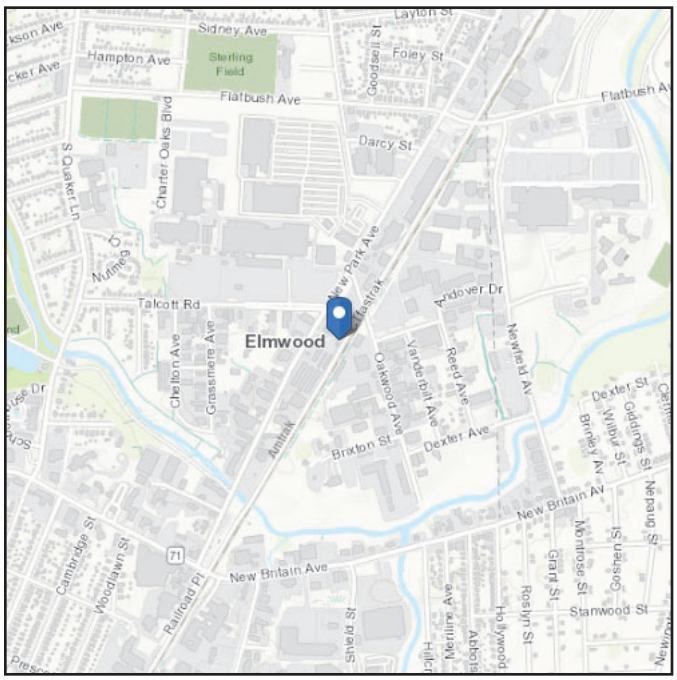
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	5	5	100	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	5	14	9	100	150	0.3	30	0.000	0.000	0.80	0.80			Cohesionless
3	14	15	1	36	87.6	0.1	23	0.363	0.363	0.80	0.80			Silty
4	15	24.5	9.5	36	87.6	0.1	23	0.465	0.465	0.60	0.60	6		Silty

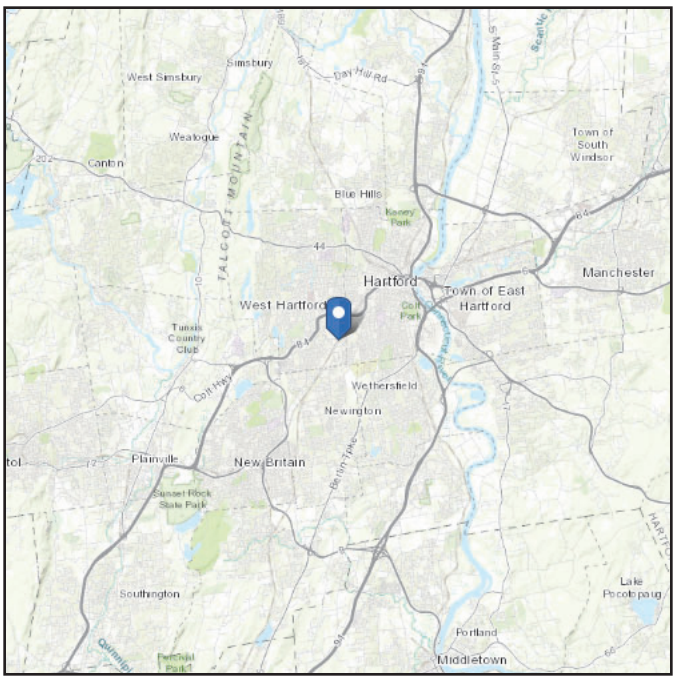
ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 67.47 ft (NAVD 88)
Latitude: 41.73625
Longitude: -72.720611





Wind

Results:

Wind Speed	117 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Mon Jun 27 2022

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

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

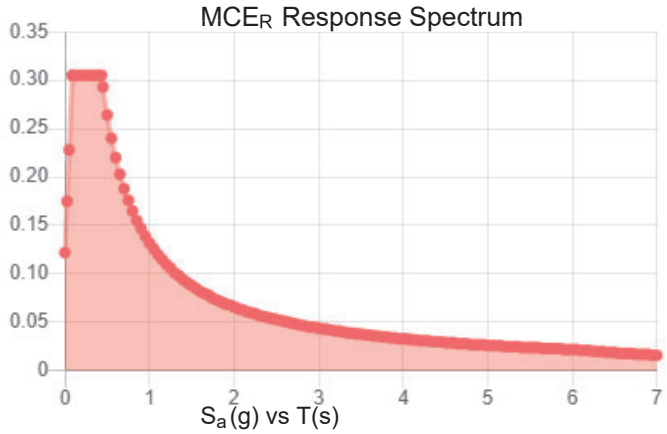
Seismic

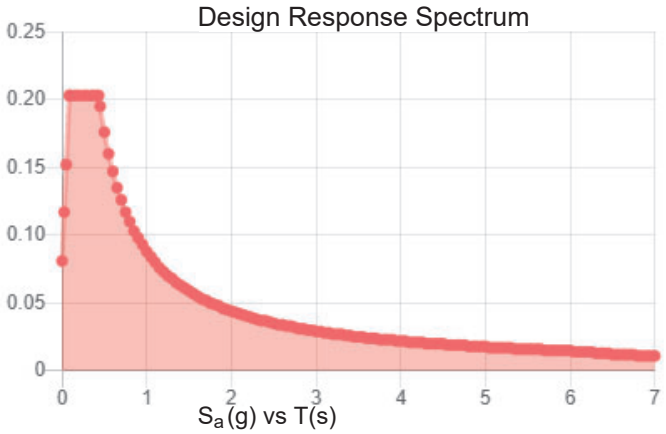
Site Soil Class: D - Default (see Section 11.4.3)

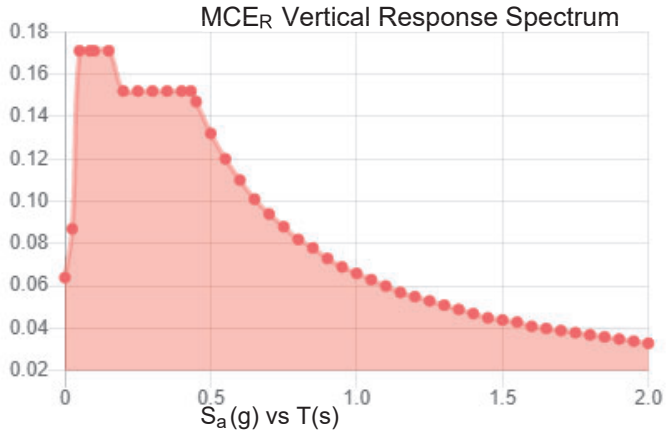
Results:

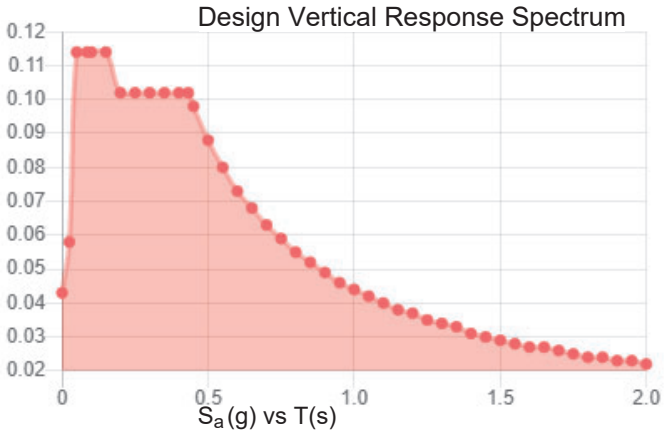
S_S :	0.191	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.103
F_v :	2.4	PGA_M :	0.164
S_{MS} :	0.305	F_{PGA} :	1.594
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.203	C_v :	0.7

Seismic Design Category B









Data Accessed: **Mon Jun 27 2022**

Date Source:

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

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Mon Jun 27 2022

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

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

Exhibit E

Mount Analysis

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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10037940
Maser Consulting Connecticut Project #: 21777057A

June 3, 2021

Site Information	*Site ID:*	*468977-VZW / WEST HARTFORD CT*
	Site Name:	*WEST HARTFORD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*570 New Park Drive* *West Hartford, Connecticut 06110* *Hartford County*
	Latitude:	*41.736250°*
	Longitude:	*-72.720611°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.88-Ft Platform*

FUZE ID # 16232030

Analysis Results

Platform: **101.3% Acceptable***

*Capacities up to 105% are within engineering tolerances and considered acceptable.

******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: Evelina Lopez

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 325092, dated March 18, 2021*
Mount Mapping Report	*RKS Design & Engineering LLC, Site ID: VZW:468977; West Hartford CT, dated April 11, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	117 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.998
Seismic Parameters:	S_S:	0.191
	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
145.0	147.0	3	Samsung	MT6407-77A	Added
		6	Andrew	SBNHH-1D65B	Retained
		3	Amphenol Antel	BXA-70063-6CF-4	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Raycap	RRFDC-6627-PF-48	

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

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

Standard Conditions:

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

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

   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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*93.9%*	*Pass*
Standoff	*65.2%*	*Pass*
Standoff Brace	*98.8%*	*Pass*
Standoff Tab	*91.5%*	*Pass*
Corner Plate	*34.6%*	*Pass*
Support Rail	*48.3%*	*Pass*
Mount Pipe	*69.1%*	*Pass*
Threaded rod	*101.3%*	*Acceptable**
Support Rail Plate	*35.5%*	*Pass*
Mount Connection	*68.4%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**101.3%***

**Capacities up to 105% are within engineering tolerances and considered acceptable.*

*Prior to the removal of any antennas and associated equipment, the contractor shall verify which existing antennas are serving CDMA technology. The CDMA antennas **SHALL NOT** be removed. For the purpose of this analysis, the CDMA antennas are assumed to be located in position 4 (looking from behind the antennas left to right). If actual site conditions differ from this assumption, the contractor is required to notify both Verizon and Maser Consulting Connecticut before proceeding with their scope of work. Changes in proposed antenna placement and/or mount reanalysis may be required based on in-field location of CDMA antennas.*

Recommendation:

The existing mount is **SUFFICIENT** for the final loading configuration and does not require modifications.

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

Attachments:

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


APR/11/2021


APR/11/2021

V4.0 Updated on 3-31-2021

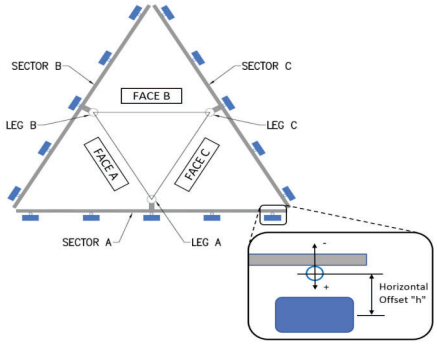
PAUL J. FORD & COMPANY

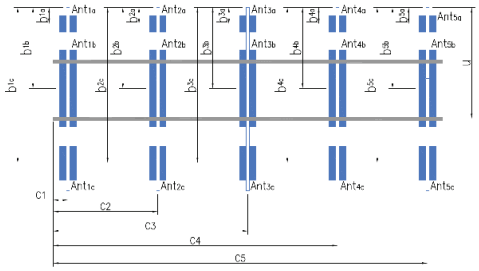
Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1055335

Tower Owner:	CC	**Mapping Date:**	4/11/2021
Site Name:	CC:WEST HARTFORD CT 806370	**Tower Type:**	Monopole
Site Number or ID:	VZW: 468977; West Hartford CT	**Tower Height (Ft.):**	151
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	144.83

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





Antenna Layout (Looking Out From Tower)

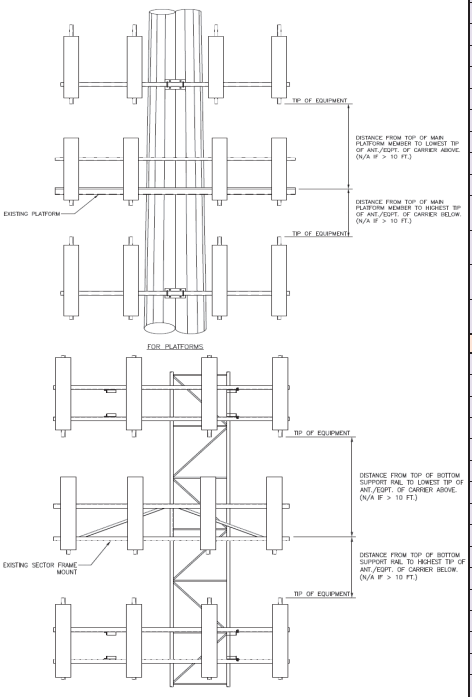
Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2.375" Ø X 0.15" X 71" LON	50.00	6.00	C1	PIPE 2.375" Ø X 0.15" X 71" LONG	50.00	6.00
A2	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	26.00	C2	PIPE 2.375" Ø X 0.18" X 60" LONG	51.50	26.00
A3	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	69.50	C3	PIPE 2.375" Ø X 0.18" X 60" LONG	51.50	69.50
A4	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	125.50	C4	PIPE 2.375" Ø X 0.18" X 60" LONG	51.50	125.50
A5	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	145.50	C5	PIPE 2.375" Ø X 0.18" X 60" LONG	51.50	145.50
A6				C6			
B1	PIPE 2.375" Ø X 0.15" X 71" LON	50.00	6.00	D1			
B2	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	26.00	D2			
B3	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	69.50	D3			
B4	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	125.50	D4			
B5	PIPE 2.375" Ø X 0.18" X 60" LON	51.50	145.50	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.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							5.5
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.):				26
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}										
Ant_{1b}	(2)SBNHH-1D65B	11.90	7.10	72.00		146.913	25.00	10.50	30.00	50, 72
Ant_{1c}	RFV01U-D1A	15.00	10.00	15.00		147.372	19.50	-8.50		72, 155
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		146.163	35.50	9.00	30.00	50, 74
Ant_{4c}	RFV01U-D2A	15.00	8.00	15.00		147.83	15.50	-8.50		74
Ant_{5a}										
Ant_{5b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		146.163	35.50	11.00	30.00	50, 74
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

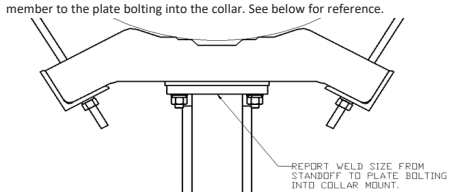
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	180.00	Deg	Sector B
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 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}											
Ant_{1b}	(2)SBNHH-1D65B	11.90	7.10	72.00		146.913	25.00	10.50	150.00	57,207
Ant_{1c}	RFV01U-D1A	15.00	10.00	15.00		147.372	19.50	-8.50		207
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		146.163	35.50	9.00	150.00	57, 208
Ant_{4c}	RFV01U-D2A	15.00	8.00	15.00		147.83	15.50	-8.50		208, 219
Ant_{5a}										
Ant_{5b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		146.163	35.50	11.00	150.00	208
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	(2)SBNHH-1D65B	11.90	7.10	72.00		146.913	25.00	10.50	270.00	65, 231
Ant_{1c}	RFV01U-D1A	15.00	10.00	15.00		147.372	19.50	-8.50		231
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		146.163	35.50	9.00	270.00	65, 233
Ant_{4c}	RFV01U-D2A	15.00	8.00	15.00		147.83	15.50	-8.50		233, 245
Ant_{5a}										
Ant_{5b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		146.163	35.50	11.00	270.00	65, 233
Ant_{5c}										
Ant on Standoff	RRFDC-6627-PF-48	15.75	10.25	18.50			59.50	7.50		233, 255
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	COAX TOTAL(8): (6) 1.5" Ø, (2) 1.52" Ø HYBRID	
2	GAP BETWEEN COLLAR MOUNT AND POLE SHAFT	342
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.

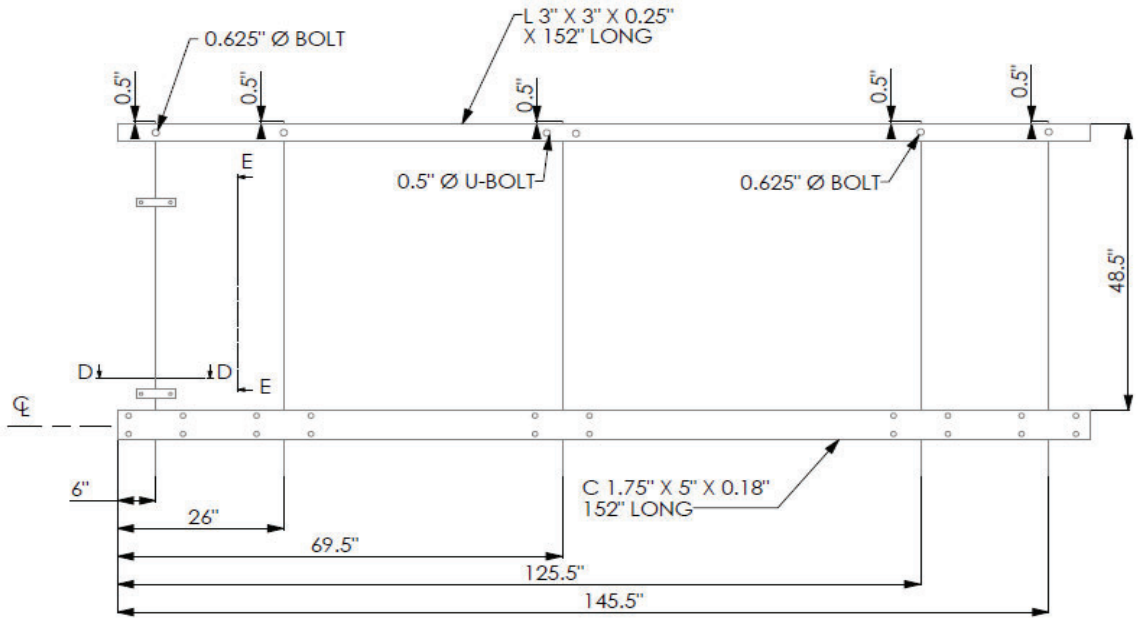
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

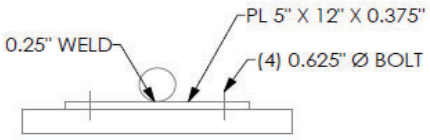
FCC # 1055335

Tower Owner:	CC	**Mapping Date:**	4/11/2021
Site Name:	CC:WEST HARTFORD CT 806370	**Tower Type:**	Monopole
Site Number or ID:	VZW: 468977; West Hartford CT	**Tower Height (Ft.):**	151
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	144.83

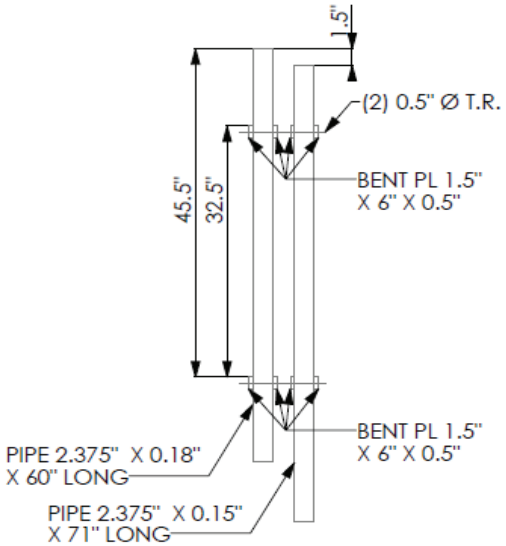
Please Insert Sketches of the Antenna Mount



SECTOR A, B & C

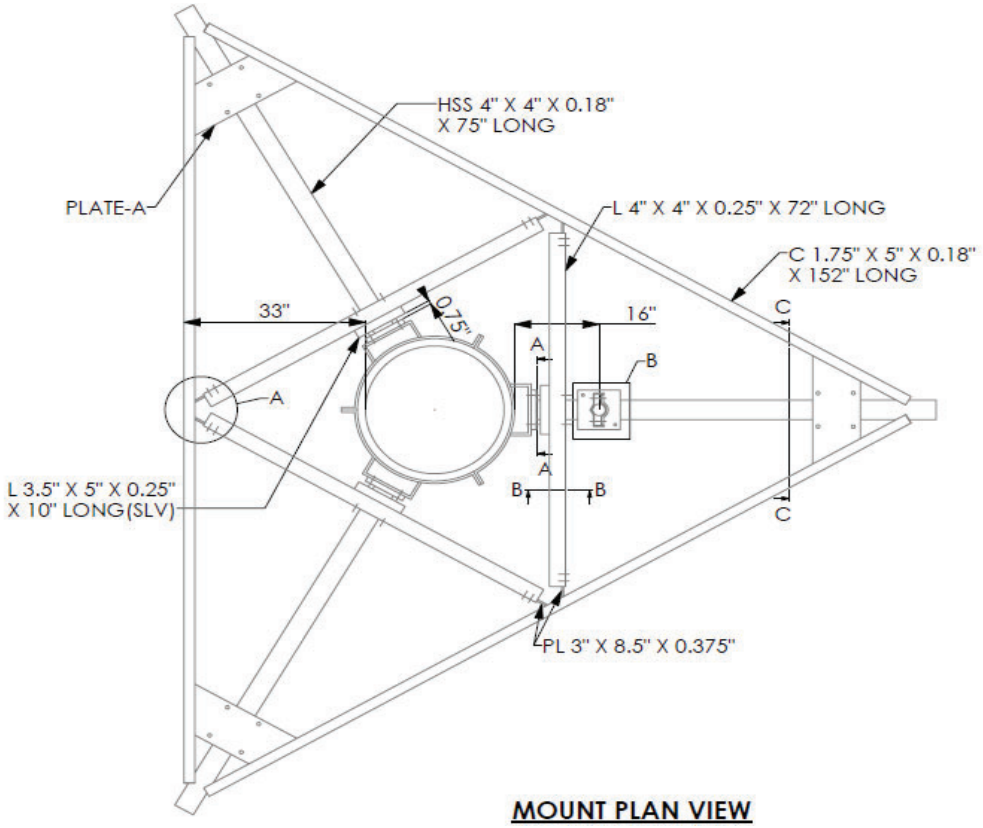


SECTION D-D

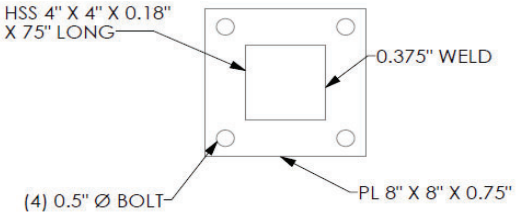


SECTION E-E

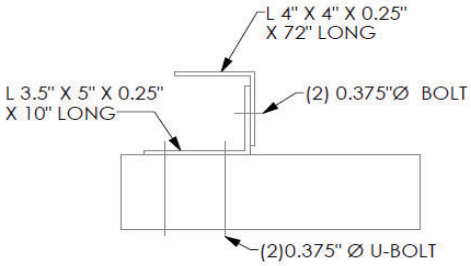
Please Insert Sketches of the Antenna Mount, cont'd



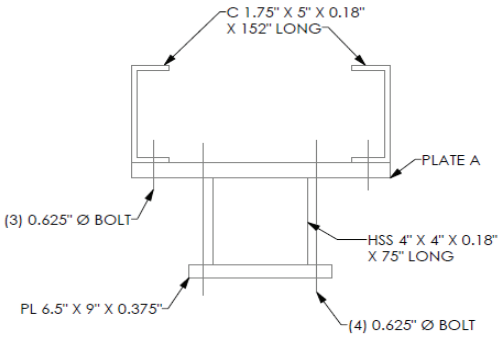
MOUNT PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

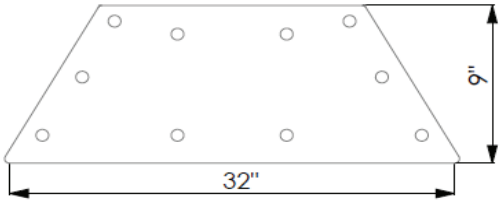
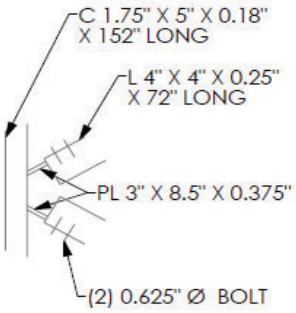
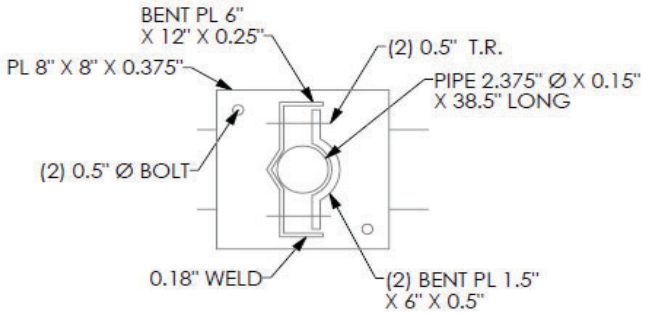


PLATE A DETAIL VIEW
(0.5 THK)

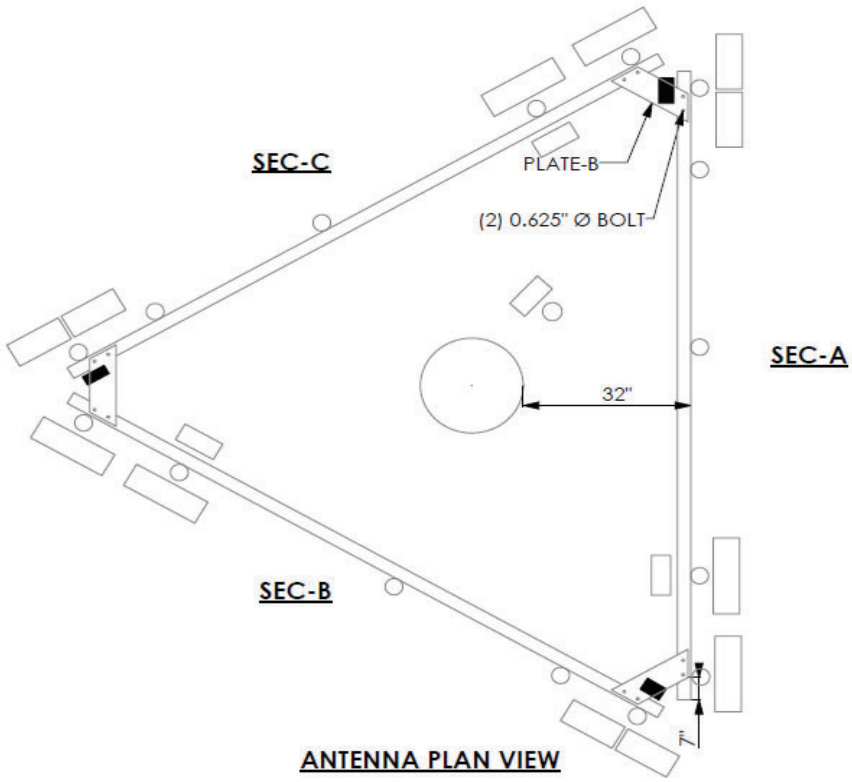
Please Insert Sketches of the Antenna Mount, cont'd



DETAIL-A



DETAIL-B



ANTENNA PLAN VIEW

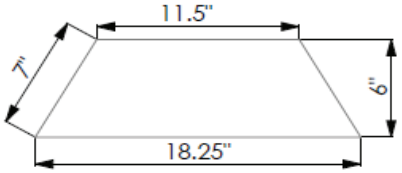
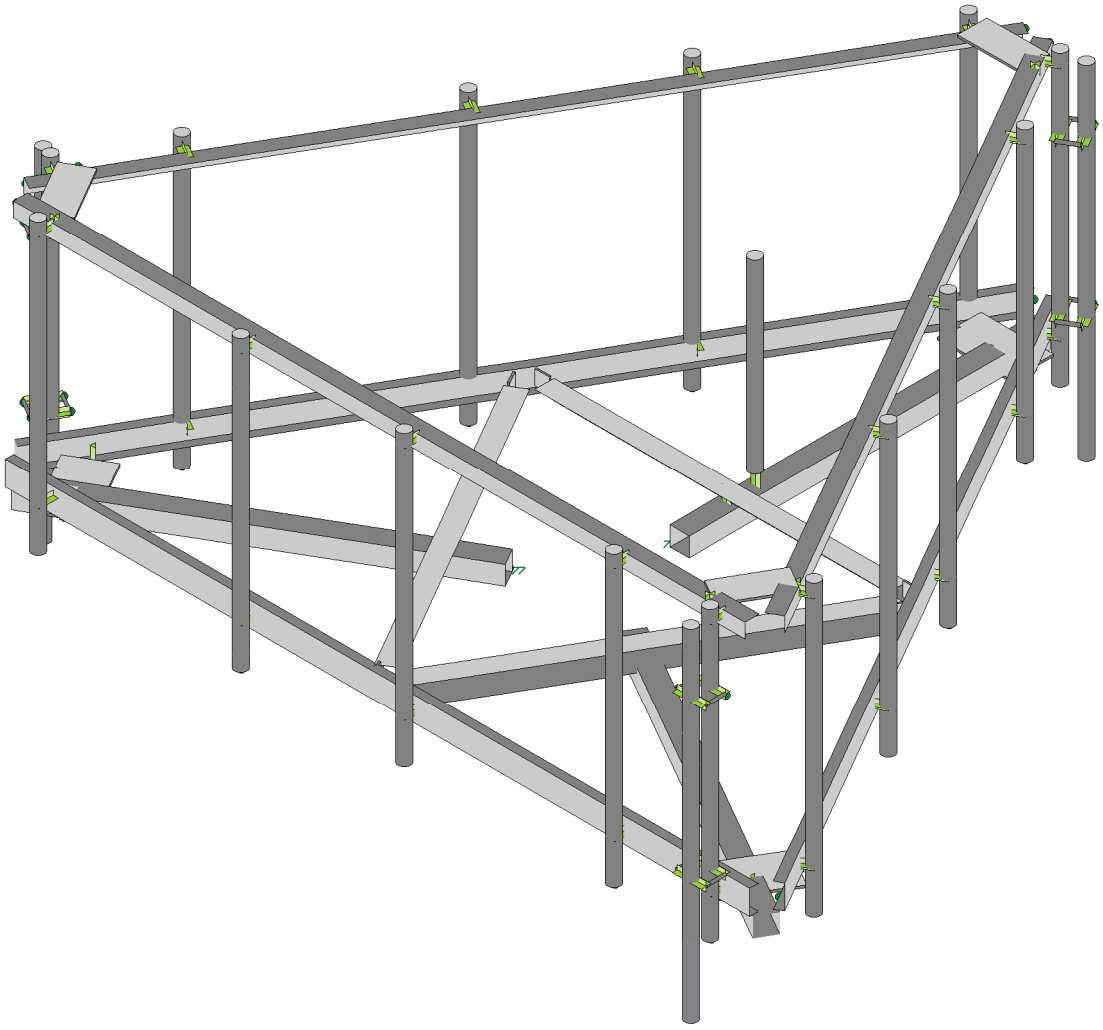
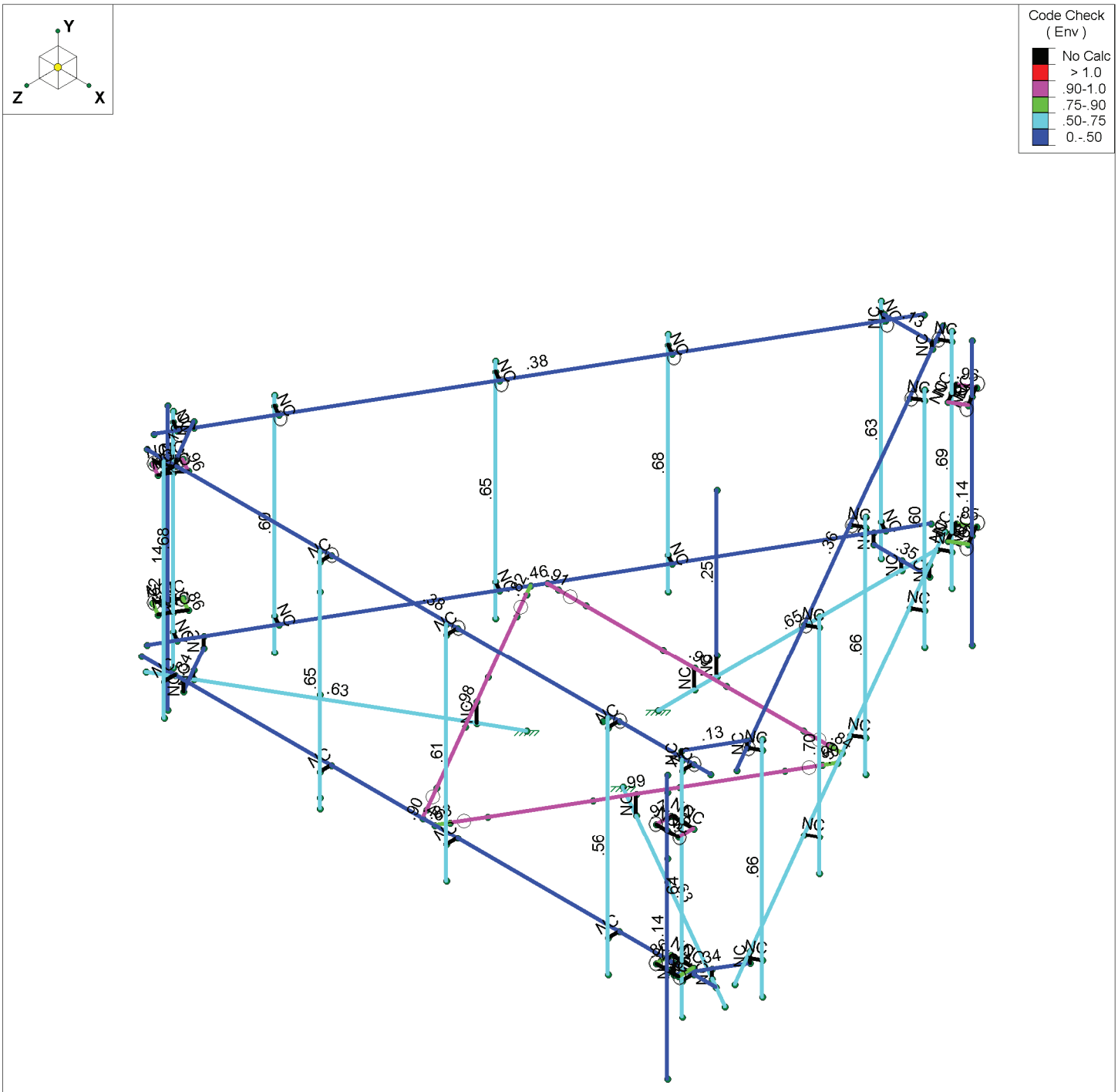


PLATE-B DETAIL VIEW
(0.5" THK)

Please Insert Sketches of the Antenna Mount, cont'd

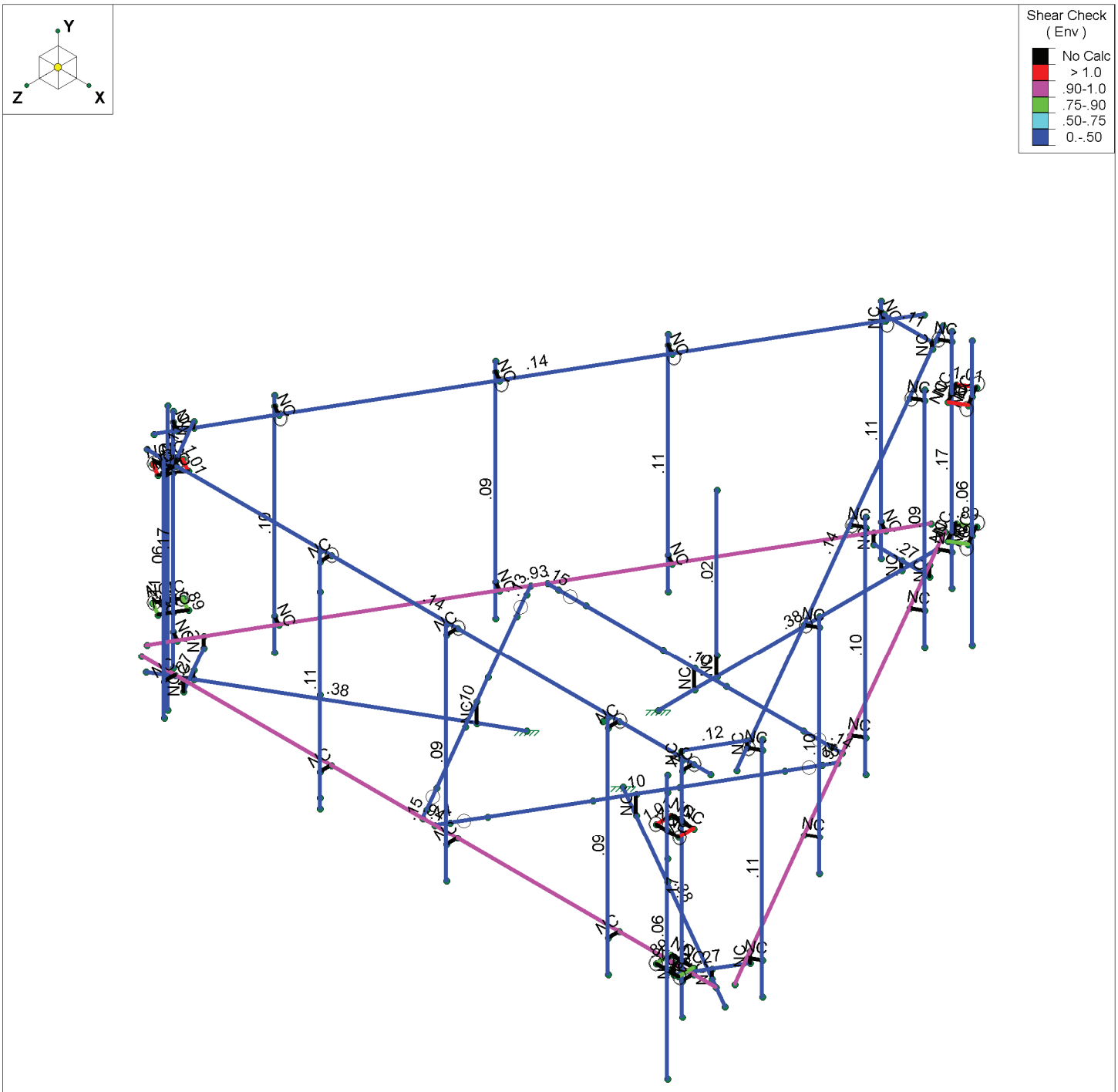


		SK - 1
		June 1, 2021 at 5:06 PM
		468977-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		June 1, 2021 at 5:07 PM
		468977-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		June 1, 2021 at 5:07 PM
		468977-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					93			
2	Antenna Di	None					93			
3	Antenna Wo (0 Deg)	None					93			
4	Antenna Wo (30 Deg)	None					93			
5	Antenna Wo (60 Deg)	None					93			
6	Antenna Wo (90 Deg)	None					93			
7	Antenna Wo (120 Deg)	None					93			
8	Antenna Wo (150 Deg)	None					93			
9	Antenna Wo (180 Deg)	None					93			
10	Antenna Wo (210 Deg)	None					93			
11	Antenna Wo (240 Deg)	None					93			
12	Antenna Wo (270 Deg)	None					93			
13	Antenna Wo (300 Deg)	None					93			
14	Antenna Wo (330 Deg)	None					93			
15	Antenna Wi (0 Deg)	None					93			
16	Antenna Wi (30 Deg)	None					93			
17	Antenna Wi (60 Deg)	None					93			
18	Antenna Wi (90 Deg)	None					93			
19	Antenna Wi (120 Deg)	None					93			
20	Antenna Wi (150 Deg)	None					93			
21	Antenna Wi (180 Deg)	None					93			
22	Antenna Wi (210 Deg)	None					93			
23	Antenna Wi (240 Deg)	None					93			
24	Antenna Wi (270 Deg)	None					93			
25	Antenna Wi (300 Deg)	None					93			
26	Antenna Wi (330 Deg)	None					93			
27	Antenna Wm (0 Deg)	None					93			
28	Antenna Wm (30 Deg)	None					93			
29	Antenna Wm (60 Deg)	None					93			
30	Antenna Wm (90 Deg)	None					93			
31	Antenna Wm (120 Deg)	None					93			
32	Antenna Wm (150 Deg)	None					93			
33	Antenna Wm (180 Deg)	None					93			
34	Antenna Wm (210 Deg)	None					93			
35	Antenna Wm (240 Deg)	None					93			
36	Antenna Wm (270 Deg)	None					93			
37	Antenna Wm (300 Deg)	None					93			
38	Antenna Wm (330 Deg)	None					93			
39	Structure D	None		-1					6	
40	Structure Di	None						55	6	
41	Structure Wo (0 Deg)	None						110		
42	Structure Wo (30 Deg)	None						110		
43	Structure Wo (60 Deg)	None						110		
44	Structure Wo (90 Deg)	None						110		
45	Structure Wo (120 D...	None						110		
46	Structure Wo (150 D...	None						110		
47	Structure Wo (180 D...	None						110		
48	Structure Wo (210 D...	None						110		
49	Structure Wo (240 D...	None						110		
50	Structure Wo (270 D...	None						110		
51	Structure Wo (300 D...	None						110		
52	Structure Wo (330 D...	None						110		
53	Structure Wi (0 Deg)	None						110		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						110		
55	Structure Wi (60 Deg)	None						110		
56	Structure Wi (90 Deg)	None						110		
57	Structure Wi (120 De...	None						110		
58	Structure Wi (150 De...	None						110		
59	Structure Wi (180 De...	None						110		
60	Structure Wi (210 De...	None						110		
61	Structure Wi (240 De...	None						110		
62	Structure Wi (270 De...	None						110		
63	Structure Wi (300 De...	None						110		
64	Structure Wi (330 De...	None						110		
65	Structure Wm (0 Deg)	None						110		
66	Structure Wm (30 De...	None						110		
67	Structure Wm (60 De...	None						110		
68	Structure Wm (90 De...	None						110		
69	Structure Wm (120 D...	None						110		
70	Structure Wm (150 D...	None						110		
71	Structure Wm (180 D...	None						110		
72	Structure Wm (210 D...	None						110		
73	Structure Wm (240 D...	None						110		
74	Structure Wm (270 D...	None						110		
75	Structure Wm (300 D...	None						110		
76	Structure Wm (330 D...	None						110		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						66		
82	BLC 40 Transient Are...	None						66		

Load Combinations

	Description	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0...	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....	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								

Load Combinations (Continued)

	Description	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
24	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1....	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1....	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic ...		Y		1	1	39	1																
53	1.2D + 1....		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1....		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1....		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1....		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1....		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1....		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1....		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1....		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1....		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1....		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1....		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1....		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	N141A	6.4375	0	3.897114	0	
2	N142A	-6.4375	0	3.897114	0	
3	N146	6.59375	0	3.626481	0	
4	N147	0.15625	0	-7.523596	0	
5	N151	-6.59375	0	3.626481	0	
6	N152A	-0.15625	0	-7.523596	0	
7	N152B	0.	0	-0.	0	
8	N153A	0.	-0.416667	-1.25	0	
9	N154A	0.	-0.416667	-7.5	0	
10	N155	0.135417	0	3.897114	0	
11	N156	-0.135416	0	3.897114	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
12	N158	3.307292	0	-2.065832	0	
13	N159	3.442708	0	-1.831284	0	
14	N161	-3.442708	0	-1.831282	0	
15	N162	-3.307292	0	-2.065831	0	
16	N161B	-3.057292	0	-2.065831	0	
17	N162A	3.057291	0	-2.065832	0	
18	N163	0.	0	-2.065831	0	
19	N164	0.	-0.416667	-2.065831	0	
20	N168	0.625463	0	-6.710895	0	
21	N169	-0.625462	0	-6.710895	0	
22	N168A	0.	-0.229167	-6.710895	0	
23	N169A	0.625463	-0.229167	-6.710895	0	
24	N170	-0.625462	-0.229167	-6.710895	0	
25	N170A	0.	-0.416667	-6.710895	0	
26	N171	-1.082532	-0.416667	0.625	0	
27	N172	-6.495191	-0.416667	3.75	0	
28	N177	-1.789062	0	1.032916	0	
29	N178	-1.789062	-0.416667	1.032916	0	
30	N179	-6.124537	0	2.813781	0	
31	N180	-5.499075	0	3.897114	0	
32	N181	-5.811806	-0.229167	3.355448	0	
33	N182	-6.124538	-0.229167	2.813781	0	
34	N183	-5.499075	-0.229167	3.897114	0	
35	N184	-5.811806	-0.416667	3.355448	0	
36	N185	1.082532	-0.416667	0.625	0	
37	N186	6.495191	-0.416667	3.75	0	
38	N191	1.789062	0	1.032916	0	
39	N192	1.789062	-0.416667	1.032916	0	
40	N193	5.499074	0	3.897114	0	
41	N194	6.124538	0	2.813781	0	
42	N195	5.811806	-0.229167	3.355448	0	
43	N196	5.499074	-0.229167	3.897115	0	
44	N197	6.124537	-0.229167	2.813781	0	
45	N198	5.811806	-0.416667	3.355448	0	
46	N198A	6.324167	4.083333	3.897114	0	
47	N199	-6.324166	4.083333	3.897114	0	
48	N203	0.212916	4.083333	-7.425446	0	
49	N204	6.537083	4.083333	3.528332	0	
50	N208	-6.537083	4.083333	3.528332	0	
51	N209	-0.212917	4.083333	-7.425446	0	
52	N210A	-5.666506	4.083333	3.897114	0	
53	N211A	5.666506	4.083333	3.897114	0	
54	N140	-1.434455	0	1.647114	0	
55	N141	-0.568429	0	3.147114	0	
56	N142	1.434455	0	1.647114	0	
57	N143	0.56843	0	3.147114	0	
58	N138	2.14367	0	0.418717	0	
59	N139	3.009695	0	-1.081283	0	
60	N140A	0.709215	0	-2.065831	0	
61	N141B	2.441266	0	-2.065832	0	
62	N142B	-0.709215	0	-2.065831	0	
63	N143A	-2.441266	0	-2.065831	0	
64	N144	-2.14367	0	0.418717	0	
65	N145	-3.009696	0	-1.081283	0	
66	N74	5.9375	0	3.897114	0	
67	N75	5.9375	4.083333	3.897114	0	
68	N76	4.270834	0	3.897114	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
69	N77	4.270834	4.083333	3.897114	0	
70	N78	0.645834	0	3.897114	0	
71	N79	0.645834	4.083333	3.897114	0	
72	N80	-2.1875	0	3.897114	0	
73	N81	-2.1875	4.083333	3.897114	0	
74	N82	-5.6875	0	3.897114	0	
75	N83	-5.6875	4.083333	3.897114	0	
76	N84	5.9375	0	4.147114	0	
77	N85	5.9375	4.083333	4.147114	0	
78	N86	4.270834	0	4.147114	0	
79	N87	4.270834	4.083333	4.147114	0	
80	N88	0.645834	0	4.147114	0	
81	N89	0.645834	4.083333	4.147114	0	
82	N90	-2.1875	0	4.147114	0	
83	N91	-2.1875	4.083333	4.147114	0	
84	N92	-5.6875	0	4.147114	0	
85	N93	-5.6875	4.083333	4.147114	0	
86	N94	4.270834	4.291667	4.147114	0	
87	N95	0.645834	4.291667	4.147114	0	
88	N96	-2.1875	4.291667	4.147114	0	
89	N97	-5.6875	4.291667	4.147114	0	
90	N98	4.270834	-0.708333	4.147114	0	
91	N99	0.645834	-0.708333	4.147114	0	
92	N100	-2.1875	-0.708333	4.147114	0	
93	N101	-5.6875	-0.708333	4.147114	0	
94	N102	5.9375	4.291667	4.147114	0	
95	N103	5.9375	-0.708333	4.147114	0	
96	N104	5.9375	4.166667	4.480448	0	
97	N105	5.9375	-1.75	4.480448	0	
98	N106	5.9375	3.083333	4.480448	0	
99	N107	6.1875	3.083333	4.480448	0	
100	N108	5.6875	3.083333	4.480448	0	
101	N109	5.9375	3.083333	4.147114	0	
102	N110	6.1875	3.083333	4.147114	0	
103	N111	5.6875	3.083333	4.147114	0	
104	N112	5.9375	.375	4.480448	0	
105	N113	6.1875	.375	4.480448	0	
106	N114	5.6875	.375	4.480448	0	
107	N115	5.9375	.375	4.147114	0	
108	N116	6.1875	.375	4.147114	0	
109	N117	5.6875	.375	4.147114	0	
110	N119	0.40625	0	-7.090583	0	
111	N120	0.40625	4.083333	-7.090583	0	
112	N121	1.239584	0	-5.647207	0	
113	N122	1.239584	4.083333	-5.647207	0	
114	N123	3.052084	0	-2.507865	0	
115	N124	3.052084	4.083333	-2.507865	0	
116	N127	6.21875	0	2.976962	0	
117	N128	6.21875	4.083333	2.976962	0	
118	N129	0.622757	0	-7.215583	0	
119	N130	0.622757	4.083333	-7.215583	0	
120	N131	1.45609	0	-5.772207	0	
121	N132	1.45609	4.083333	-5.772207	0	
122	N133	3.26859	0	-2.632865	0	
123	N134	3.26859	4.083333	-2.632865	0	
124	N137	6.435257	0	2.851962	0	
125	N138A	6.435257	4.083333	2.851962	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
126	N139A	1.45609	4.291667	-5.772207	0	
127	N140B	3.26859	4.291667	-2.632865	0	
128	N142C	6.435257	4.291667	2.851962	0	
129	N143B	1.45609	-0.708333	-5.772207	0	
130	N144A	3.26859	-0.708333	-2.632865	0	
131	N146A	6.435257	-0.708333	2.851962	0	
132	N147A	0.622757	4.291667	-7.215583	0	
133	N148	0.622757	-0.708333	-7.215583	0	
134	N149	0.911432	4.166667	-7.38225	0	
135	N150	0.911432	-1.75	-7.38225	0	
136	N151A	0.911432	3.083333	-7.38225	0	
137	N152	0.786432	3.083333	-7.598756	0	
138	N153	1.036432	3.083333	-7.165743	0	
139	N154	0.622757	3.083333	-7.215583	0	
140	N155A	0.497757	3.083333	-7.432089	0	
141	N156A	0.747757	3.083333	-6.999077	0	
142	N157	0.911432	.375	-7.38225	0	
143	N158A	0.786432	.375	-7.598756	0	
144	N159A	1.036432	.375	-7.165743	0	
145	N160	0.622757	.375	-7.215583	0	
146	N161A	0.497757	.375	-7.432089	0	
147	N162B	0.747757	.375	-6.999077	0	
148	N164A	-6.34375	0	3.193469	0	
149	N165	-6.34375	4.083333	3.193469	0	
150	N166	-5.510416	0	1.750093	0	
151	N167	-5.510416	4.083333	1.750093	0	
152	N168B	-3.697916	0	-1.389249	0	
153	N169B	-3.697916	4.083333	-1.389249	0	
154	N172A	-0.53125	0	-6.874077	0	
155	N173	-0.53125	4.083333	-6.874077	0	
156	N174	-6.560256	0	3.068469	0	
157	N175A	-6.560256	4.083333	3.068469	0	
158	N176A	-5.726923	0	1.625093	0	
159	N177A	-5.726923	4.083333	1.625093	0	
160	N178A	-3.914423	0	-1.514249	0	
161	N179A	-3.914423	4.083333	-1.514249	0	
162	N182A	-0.747756	0	-6.999077	0	
163	N183A	-0.747756	4.083333	-6.999077	0	
164	N184A	-5.726923	4.291667	1.625093	0	
165	N185A	-3.914423	4.291667	-1.514249	0	
166	N187	-0.747756	4.291667	-6.999077	0	
167	N188	-5.726923	-0.708333	1.625093	0	
168	N189A	-3.914423	-0.708333	-1.514249	0	
169	N191A	-0.747756	-0.708333	-6.999077	0	
170	N192A	-6.560256	4.291667	3.068469	0	
171	N193A	-6.560256	-0.708333	3.068469	0	
172	N194A	-6.848931	4.166667	2.901802	0	
173	N195A	-6.848931	-1.75	2.901802	0	
174	N196A	-6.848931	3.083333	2.901802	0	
175	N197A	-6.973931	3.083333	3.118308	0	
176	N198B	-6.723931	3.083333	2.685296	0	
177	N199A	-6.560256	3.083333	3.068469	0	
178	N200	-6.685256	3.083333	3.284975	0	
179	N201	-6.435256	3.083333	2.851962	0	
180	N202	-6.848931	.375	2.901802	0	
181	N203A	-6.973931	.375	3.118308	0	
182	N204A	-6.723931	.375	2.685296	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
183	N205	-6.560256	.375	3.068469	0	
184	N206	-6.685256	.375	3.284975	0	
185	N207	-6.435256	.375	2.851962	0	
186	N212A	5.9375	2.083333	4.480448	0	
187	N213A	5.9375	3.833333	4.480448	0	
188	N214	5.9375	0.333333	4.480448	0	
189	N215	-2.1875	1.5	4.147114	0	
190	N216	-2.1875	3.5	4.147114	0	
191	N217	-2.1875	-.5	4.147114	0	
192	N218	5.9375	2.541667	4.480448	0	
193	N219	0.	0	-2.565831	0	
194	N220	0.	3.208333	-2.565831	0	
195	N211	-5.666506	4.208333	3.897114	0	
196	N212	5.666506	4.208333	3.897114	0	
197	N214A	6.208254	4.083333	2.958781	0	
198	N215A	0.541747	4.083333	-6.855895	0	
199	N216A	6.208254	4.208333	2.958781	0	
200	N217A	0.541747	4.208333	-6.855895	0	
201	N219A	-0.541746	4.083333	-6.855896	0	
202	N220A	-6.208253	4.083333	2.958781	0	
203	N221	-0.541746	4.208333	-6.855896	0	
204	N222	-6.208253	4.208333	2.958781	0	
205	N222A	-0.260416	0	3.680608	0	
206	N223	-3.317708	0	-1.614776	0	
207	N225	3.317708	0	-1.614777	0	
208	N226	0.260417	0	3.680607	0	
209	N221A	0.	-0.416667	-2.565831	0	
210	N211B	4.46875	0	-0.054127	0	
211	N212B	4.46875	4.083333	-0.054127	0	
212	N213	4.685257	0	-0.179127	0	
213	N214B	4.685257	4.083333	-0.179127	0	
214	N215B	4.685257	4.291667	-0.179127	0	
215	N216B	4.685257	-0.708333	-0.179127	0	
216	N218A	-2.28125	0	-3.842988	0	
217	N219B	-2.28125	4.083333	-3.842988	0	
218	N220B	-2.497756	0	-3.967988	0	
219	N221B	-2.497756	4.083333	-3.967988	0	
220	N222B	-2.497756	4.291667	-3.967988	0	
221	N223A	-2.497756	-0.708333	-3.967988	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	TES Plate	PL1/2x10	Beam	RECT	A36 Gr.36	Typical	5	.104	41.667	.404
2	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Pipe Vertical	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
4	Support Rail	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Support Rail Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
6	Standoff Tab	PL3/8X3	Beam	RECT	A36 Gr.36	Typical	1.125	.013	.844	.049
7	Corner Plate	PL1/2x9	Beam	RECT	A36 Gr.36	Typical	4.5	.094	30.375	.362
8	Standoff	HSS4X4X3	Beam	Tube	A500 Gr.B R...	Typical	2.58	6.21	6.21	10
9	Standoff Brace	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	.044
10	Face Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
11	Threaded rod	SR_0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M73	N142A	N141A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
2	M74	N147	N146			Face Horizontal	Beam	Channel	A36 Gr.36	Typical
3	M75	N152A	N151		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
4	M76	N153A	N154A			Standoff	Beam	Tube	A500 Gr...	Typical
5	M77	N161B	N162A		90	Standoff Brace	Beam	Single Angle	A36 Gr.36	Typical
6	M78	N162	N161B			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
7	M79	N162A	N158			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
8	M80	N164	N163			RIGID	None	None	RIGID	Typical
9	M81	N170	N169			RIGID	None	None	RIGID	Typical
10	M82	N169A	N168			RIGID	None	None	RIGID	Typical
11	M83	N170A	N168A			RIGID	None	None	RIGID	Typical
12	M84	N170	N169A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
13	M85	N171	N172			Standoff	Beam	Tube	A500 Gr...	Typical
14	M86	N222A	N223		90	Standoff Brace	Beam	Single Angle	A36 Gr.36	Typical
15	M87	N156	N222A			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
16	M88	N223	N161			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
17	M89	N178	N177			RIGID	None	None	RIGID	Typical
18	M90	N183	N180			RIGID	None	None	RIGID	Typical
19	M91	N182	N179			RIGID	None	None	RIGID	Typical
20	M92	N184	N181			RIGID	None	None	RIGID	Typical
21	M93	N183	N182		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
22	M94	N185	N186			Standoff	Beam	Tube	A500 Gr...	Typical
23	M95	N225	N226		90	Standoff Brace	Beam	Single Angle	A36 Gr.36	Typical
24	M96	N159	N225			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
25	M97	N226	N155			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
26	M98	N192	N191			RIGID	None	None	RIGID	Typical
27	M99	N197	N194			RIGID	None	None	RIGID	Typical
28	M100	N196	N193			RIGID	None	None	RIGID	Typical
29	M101	N198	N195			RIGID	None	None	RIGID	Typical
30	M102	N197	N196		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
31	M103	N199	N198A		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
32	M104	N204	N203		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
33	M105	N209	N208		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
34	M37	N93	N83			RIGID	None	None	RIGID	Typical
35	M38	N92	N82			RIGID	None	None	RIGID	Typical
36	M39	N90	N80			RIGID	None	None	RIGID	Typical
37	M40	N91	N81			RIGID	None	None	RIGID	Typical
38	M41	N89	N79			RIGID	None	None	RIGID	Typical
39	M42	N88	N78			RIGID	None	None	RIGID	Typical
40	M43	N86	N76			RIGID	None	None	RIGID	Typical
41	M44	N87	N77			RIGID	None	None	RIGID	Typical
42	M45	N85	N75			RIGID	None	None	RIGID	Typical
43	M46	N84	N74			RIGID	None	None	RIGID	Typical
44	MP5A	N97	N101			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
45	MP4A	N96	N100			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
46	MP3A	N95	N99			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
47	MP2A	N94	N98			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
48	M51	N102	N103			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
49	MP1A	N104	N105			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
50	M53	N106	N107			RIGID	None	None	RIGID	Typical
51	M54	N106	N108			RIGID	None	None	RIGID	Typical
52	M55	N112	N113			RIGID	None	None	RIGID	Typical
53	M56	N112	N114			RIGID	None	None	RIGID	Typical
54	M57	N115	N116			RIGID	None	None	RIGID	Typical
55	M58	N115	N117			RIGID	None	None	RIGID	Typical
56	M59	N109	N110			RIGID	None	None	RIGID	Typical
57	M60	N110	N109			RIGID	None	None	RIGID	Typical
58	M61	N109	N111			RIGID	None	None	RIGID	Typical
59	M62	N107	N110			Threaded rod	Beam	BAR	A36 Gr.36	Typical
60	M63	N108	N111			Threaded rod	Beam	BAR	A36 Gr.36	Typical
61	M64	N113	N116			Threaded rod	Beam	BAR	A36 Gr.36	Typical
62	M65	N114	N117			Threaded rod	Beam	BAR	A36 Gr.36	Typical
63	M66	N138A	N128			RIGID	None	None	RIGID	Typical
64	M67	N137	N127			RIGID	None	None	RIGID	Typical
65	M70	N134	N124			RIGID	None	None	RIGID	Typical
66	M71	N133	N123			RIGID	None	None	RIGID	Typical
67	M72	N131	N121			RIGID	None	None	RIGID	Typical
68	M73A	N132	N122			RIGID	None	None	RIGID	Typical
69	M74A	N130	N120			RIGID	None	None	RIGID	Typical
70	M75A	N129	N119			RIGID	None	None	RIGID	Typical
71	MP5C	N142C	N146A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
72	MP3C	N140B	N144A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
73	MP2C	N139A	N143B			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
74	M80A	N147A	N148			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
75	MP1C	N149	N150			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
76	M82A	N151A	N152			RIGID	None	None	RIGID	Typical
77	M83A	N151A	N153			RIGID	None	None	RIGID	Typical
78	M84A	N157	N158A			RIGID	None	None	RIGID	Typical
79	M85A	N157	N159A			RIGID	None	None	RIGID	Typical
80	M86A	N160	N161A			RIGID	None	None	RIGID	Typical
81	M87A	N160	N162B			RIGID	None	None	RIGID	Typical
82	M88A	N154	N155A			RIGID	None	None	RIGID	Typical
83	M89A	N155A	N154			RIGID	None	None	RIGID	Typical
84	M90A	N154	N156A			RIGID	None	None	RIGID	Typical
85	M91A	N152	N155A			Threaded rod	Beam	BAR	A36 Gr.36	Typical
86	M92A	N153	N156A			Threaded rod	Beam	BAR	A36 Gr.36	Typical
87	M93A	N158A	N161A			Threaded rod	Beam	BAR	A36 Gr.36	Typical
88	M94A	N159A	N162B			Threaded rod	Beam	BAR	A36 Gr.36	Typical
89	M95A	N183A	N173			RIGID	None	None	RIGID	Typical
90	M96A	N182A	N172A			RIGID	None	None	RIGID	Typical
91	M99A	N179A	N169B			RIGID	None	None	RIGID	Typical
92	M100A	N178A	N168B			RIGID	None	None	RIGID	Typical
93	M101A	N176A	N166			RIGID	None	None	RIGID	Typical
94	M102A	N177A	N167			RIGID	None	None	RIGID	Typical
95	M103A	N175A	N165			RIGID	None	None	RIGID	Typical
96	M104A	N174	N164A			RIGID	None	None	RIGID	Typical
97	MP5B	N187	N191A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
98	MP3B	N185A	N189A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
99	MP2B	N184A	N188			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
100	M109	N192A	N193A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
101	MP1B	N194A	N195A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
102	M111	N196A	N197A			RIGID	None	None	RIGID	Typical
103	M112	N196A	N198B			RIGID	None	None	RIGID	Typical
104	M113	N202	N203A			RIGID	None	None	RIGID	Typical
105	M114	N202	N204A			RIGID	None	None	RIGID	Typical
106	M115	N205	N206			RIGID	None	None	RIGID	Typical
107	M116	N205	N207			RIGID	None	None	RIGID	Typical
108	M117	N199A	N200			RIGID	None	None	RIGID	Typical
109	M118	N200	N199A			RIGID	None	None	RIGID	Typical
110	M119	N199A	N201			RIGID	None	None	RIGID	Typical
111	M120	N197A	N200			Threaded rod	Beam	BAR	A36 Gr.36	Typical
112	M121	N198B	N201			Threaded rod	Beam	BAR	A36 Gr.36	Typical
113	M122	N203A	N206			Threaded rod	Beam	BAR	A36 Gr.36	Typical
114	M123	N204A	N207			Threaded rod	Beam	BAR	A36 Gr.36	Typical
115	M130	N221A	N219			RIGID	None	None	RIGID	Typical
116	OVP	N220	N219			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
117	M123A	N211	N210A			RIGID	None	None	RIGID	Typical
118	M124	N212	N211A			RIGID	None	None	RIGID	Typical
119	M125	N216A	N214A			RIGID	None	None	RIGID	Typical
120	M126	N217A	N215A			RIGID	None	None	RIGID	Typical
121	M127	N221	N219A			RIGID	None	None	RIGID	Typical
122	M128	N222	N220A			RIGID	None	None	RIGID	Typical
123	M129	N222	N211		90	Support Rail Plate	Beam	RECT	A36 Gr.36	Typical
124	M130A	N221	N217A		90	Support Rail Plate	Beam	RECT	A36 Gr.36	Typical
125	M131	N212	N216A		90	Support Rail Plate	Beam	RECT	A36 Gr.36	Typical
126	M126A	N213	N211B			RIGID	None	None	RIGID	Typical
127	M127A	N214B	N212B			RIGID	None	None	RIGID	Typical
128	MP4C	N215B	N216B			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
129	M129A	N220B	N218A			RIGID	None	None	RIGID	Typical
130	M130B	N221B	N219B			RIGID	None	None	RIGID	Typical
131	MP4B	N222B	N223A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M73						Yes				None
2	M74						Yes				None
3	M75						Yes				None
4	M76						Yes				None
5	M77	OOOOOX	OOOOOX				Yes				None
6	M78						Yes				None
7	M79						Yes				None
8	M80						Yes	** NA **			None
9	M81						Yes	** NA **			None
10	M82						Yes	** NA **			None
11	M83						Yes	** NA **			None
12	M84						Yes				None
13	M85						Yes				None
14	M86	OOOOOX	OOOOOX				Yes				None
15	M87						Yes				None
16	M88						Yes				None
17	M89						Yes	** NA **			None
18	M90						Yes	** NA **			None
19	M91						Yes	** NA **			None
20	M92						Yes	** NA **			None
21	M93						Yes				None
22	M94						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
23	M95	OOOOOX	OOOOOX				Yes				None
24	M96						Yes				None
25	M97						Yes				None
26	M98						Yes	** NA **			None
27	M99						Yes	** NA **			None
28	M100						Yes	** NA **			None
29	M101						Yes	** NA **			None
30	M102						Yes				None
31	M103						Yes				None
32	M104						Yes				None
33	M105						Yes				None
34	M37	OOOXOX					Yes	** NA **			None
35	M38						Yes	** NA **			None
36	M39						Yes	** NA **			None
37	M40	OOOXOX					Yes	** NA **			None
38	M41	OOOXOX					Yes	** NA **			None
39	M42						Yes	** NA **			None
40	M43						Yes	** NA **			None
41	M44	OOOXOX					Yes	** NA **			None
42	M45	OOOXOX					Yes	** NA **			None
43	M46						Yes	** NA **			None
44	MP5A						Yes				None
45	MP4A						Yes				None
46	MP3A						Yes				None
47	MP2A						Yes				None
48	M51						Yes				None
49	MP1A						Yes	Default			None
50	M53	OOOXOX					Yes	** NA **			None
51	M54	OOOXOX					Yes	** NA **			None
52	M55	OOOXOX					Yes	** NA **			None
53	M56	OOOXOX					Yes	** NA **			None
54	M57						Yes	** NA **			None
55	M58						Yes	** NA **			None
56	M59						Yes	** NA **			None
57	M60						Yes	** NA **			None
58	M61						Yes	** NA **			None
59	M62						Yes				None
60	M63						Yes				None
61	M64						Yes				None
62	M65						Yes				None
63	M66	OOOXOX					Yes	** NA **			None
64	M67						Yes	** NA **			None
65	M70	OOOXOX					Yes	** NA **			None
66	M71						Yes	** NA **			None
67	M72						Yes	** NA **			None
68	M73A	OOOXOX					Yes	** NA **			None
69	M74A	OOOXOX					Yes	** NA **			None
70	M75A						Yes	** NA **			None
71	MP5C						Yes				None
72	MP3C						Yes				None
73	MP2C						Yes				None
74	M80A						Yes				None
75	MP1C						Yes				None
76	M82A	OOOXOX					Yes	** NA **			None
77	M83A	OOOXOX					Yes	** NA **			None
78	M84A	OOOXOX					Yes	** NA **			None
79	M85A	OOOXOX					Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
80	M86A						Yes	** NA **			None
81	M87A						Yes	** NA **			None
82	M88A						Yes	** NA **			None
83	M89A						Yes	** NA **			None
84	M90A						Yes	** NA **			None
85	M91A						Yes				None
86	M92A						Yes				None
87	M93A						Yes				None
88	M94A						Yes				None
89	M95A	OOOXOX					Yes	** NA **			None
90	M96A						Yes	** NA **			None
91	M99A	OOOXOX					Yes	** NA **			None
92	M100A						Yes	** NA **			None
93	M101A						Yes	** NA **			None
94	M102A	OOOXOX					Yes	** NA **			None
95	M103A	OOOXOX					Yes	** NA **			None
96	M104A						Yes	** NA **			None
97	MP5B						Yes				None
98	MP3B						Yes				None
99	MP2B						Yes				None
100	M109						Yes				None
101	MP1B						Yes				None
102	M111	OOOXOX					Yes	** NA **			None
103	M112	OOOXOX					Yes	** NA **			None
104	M113	OOOXOX					Yes	** NA **			None
105	M114	OOOXOX					Yes	** NA **			None
106	M115						Yes	** NA **			None
107	M116						Yes	** NA **			None
108	M117						Yes	** NA **			None
109	M118						Yes	** NA **			None
110	M119						Yes	** NA **			None
111	M120						Yes				None
112	M121						Yes				None
113	M122						Yes				None
114	M123						Yes				None
115	M130						Yes	** NA **			None
116	OVP						Yes				None
117	M123A						Yes	** NA **			None
118	M124						Yes	** NA **			None
119	M125						Yes	** NA **			None
120	M126						Yes	** NA **			None
121	M127						Yes	** NA **			None
122	M128						Yes	** NA **			None
123	M129						Yes				None
124	M130A						Yes				None
125	M131						Yes				None
126	M126A						Yes	** NA **			None
127	M127A	OOOXOX					Yes	** NA **			None
128	MP4C						Yes				None
129	M129A						Yes	** NA **			None
130	M130B	OOOXOX					Yes	** NA **			None
131	MP4B						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	Y	-43.55	.79
2	MP4A	My	-.033	.79
3	MP4A	Mz	0	.79
4	MP4A	Y	-43.55	2.79
5	MP4A	My	-.033	2.79
6	MP4A	Mz	0	2.79
7	MP4B	Y	-43.55	.79
8	MP4B	My	.016	.79
9	MP4B	Mz	-.028	.79
10	MP4B	Y	-43.55	2.79
11	MP4B	My	.016	2.79
12	MP4B	Mz	-.028	2.79
13	MP4C	Y	-43.55	.79
14	MP4C	My	.025	.79
15	MP4C	Mz	.021	.79
16	MP4C	Y	-43.55	2.79
17	MP4C	My	.025	2.79
18	MP4C	Mz	.021	2.79
19	MP1A	Y	-20	.33
20	MP1A	My	-.015	.33
21	MP1A	Mz	.012	.33
22	MP1A	Y	-20	3.83
23	MP1A	My	-.015	3.83
24	MP1A	Mz	.012	3.83
25	MP1B	Y	-20	.33
26	MP1B	My	-.003	.33
27	MP1B	Mz	-.019	.33
28	MP1B	Y	-20	3.83
29	MP1B	My	-.003	3.83
30	MP1B	Mz	-.019	3.83
31	MP1C	Y	-20	.33
32	MP1C	My	.019	.33
33	MP1C	Mz	.000705	.33
34	MP1C	Y	-20	3.83
35	MP1C	My	.019	3.83
36	MP1C	Mz	.000705	3.83
37	MP1A	Y	-20	.33
38	MP1A	My	-.015	.33
39	MP1A	Mz	-.012	.33
40	MP1A	Y	-20	3.83
41	MP1A	My	-.015	3.83
42	MP1A	Mz	-.012	3.83
43	MP1B	Y	-20	.33
44	MP1B	My	.018	.33
45	MP1B	Mz	-.007	.33
46	MP1B	Y	-20	3.83
47	MP1B	My	.018	3.83
48	MP1B	Mz	-.007	3.83
49	MP1C	Y	-20	.33
50	MP1C	My	.004	.33
51	MP1C	Mz	.019	.33
52	MP1C	Y	-20	3.83
53	MP1C	My	.004	3.83
54	MP1C	Mz	.019	3.83
55	MP5A	Y	-8.5	.79
56	MP5A	My	-.006	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
57	MP5A	Mz	0	.79
58	MP5A	Y	-8.5	4.79
59	MP5A	My	-.006	4.79
60	MP5A	Mz	0	4.79
61	MP5B	Y	-8.5	.79
62	MP5B	My	0	.79
63	MP5B	Mz	-.006	.79
64	MP5B	Y	-8.5	4.79
65	MP5B	My	0	4.79
66	MP5B	Mz	-.006	4.79
67	MP5C	Y	-8.5	.79
68	MP5C	My	.006	.79
69	MP5C	Mz	.003	.79
70	MP5C	Y	-8.5	4.79
71	MP5C	My	.006	4.79
72	MP5C	Mz	.003	4.79
73	M51	Y	-84.4	1.63
74	M51	My	.037	1.63
75	M51	Mz	-.021	1.63
76	MP4A	Y	-70.3	1.29
77	MP4A	My	.03	1.29
78	MP4A	Mz	-.018	1.29
79	MP4B	Y	-70.3	1.29
80	MP4B	My	.03	1.29
81	MP4B	Mz	-.018	1.29
82	MP4C	Y	-70.3	1.29
83	MP4C	My	.03	1.29
84	MP4C	Mz	-.018	1.29
85	OVP	Y	-32	.5
86	OVP	My	0	.5
87	OVP	Mz	0	.5
88	M109	Y	-84.4	1.63
89	M109	My	.037	1.63
90	M109	Mz	-.021	1.63
91	M80A	Y	-84.4	1.63
92	M80A	My	.037	1.63
93	M80A	Mz	-.021	1.63

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	Y	-56.815	.79
2	MP4A	My	-.043	.79
3	MP4A	Mz	0	.79
4	MP4A	Y	-56.815	2.79
5	MP4A	My	-.043	2.79
6	MP4A	Mz	0	2.79
7	MP4B	Y	-56.815	.79
8	MP4B	My	.021	.79
9	MP4B	Mz	-.037	.79
10	MP4B	Y	-56.815	2.79
11	MP4B	My	.021	2.79
12	MP4B	Mz	-.037	2.79
13	MP4C	Y	-56.815	.79
14	MP4C	My	.033	.79
15	MP4C	Mz	.027	.79
16	MP4C	Y	-56.815	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
17	MP4C	My	.033	2.79
18	MP4C	Mz	.027	2.79
19	MP1A	Y	-96.978	.33
20	MP1A	My	-.073	.33
21	MP1A	Mz	.057	.33
22	MP1A	Y	-96.978	3.83
23	MP1A	My	-.073	3.83
24	MP1A	Mz	.057	3.83
25	MP1B	Y	-96.978	.33
26	MP1B	My	-.013	.33
27	MP1B	Mz	-.091	.33
28	MP1B	Y	-96.978	3.83
29	MP1B	My	-.013	3.83
30	MP1B	Mz	-.091	3.83
31	MP1C	Y	-96.978	.33
32	MP1C	My	.092	.33
33	MP1C	Mz	.003	.33
34	MP1C	Y	-96.978	3.83
35	MP1C	My	.092	3.83
36	MP1C	Mz	.003	3.83
37	MP1A	Y	-96.978	.33
38	MP1A	My	-.073	.33
39	MP1A	Mz	-.057	.33
40	MP1A	Y	-96.978	3.83
41	MP1A	My	-.073	3.83
42	MP1A	Mz	-.057	3.83
43	MP1B	Y	-96.978	.33
44	MP1B	My	.085	.33
45	MP1B	Mz	-.035	.33
46	MP1B	Y	-96.978	3.83
47	MP1B	My	.085	3.83
48	MP1B	Mz	-.035	3.83
49	MP1C	Y	-96.978	.33
50	MP1C	My	.019	.33
51	MP1C	Mz	.09	.33
52	MP1C	Y	-96.978	3.83
53	MP1C	My	.019	3.83
54	MP1C	Mz	.09	3.83
55	MP5A	Y	-82.733	.79
56	MP5A	My	-.062	.79
57	MP5A	Mz	0	.79
58	MP5A	Y	-82.733	4.79
59	MP5A	My	-.062	4.79
60	MP5A	Mz	0	4.79
61	MP5B	Y	-82.733	.79
62	MP5B	My	0	.79
63	MP5B	Mz	-.062	.79
64	MP5B	Y	-82.733	4.79
65	MP5B	My	0	4.79
66	MP5B	Mz	-.062	4.79
67	MP5C	Y	-82.733	.79
68	MP5C	My	.054	.79
69	MP5C	Mz	.031	.79
70	MP5C	Y	-82.733	4.79
71	MP5C	My	.054	4.79
72	MP5C	Mz	.031	4.79
73	M51	Y	-72.219	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
74	M51	My	.031	1.63
75	M51	Mz	-.018	1.63
76	MP4A	Y	-65.208	1.29
77	MP4A	My	.028	1.29
78	MP4A	Mz	-.016	1.29
79	MP4B	Y	-65.208	1.29
80	MP4B	My	.028	1.29
81	MP4B	Mz	-.016	1.29
82	MP4C	Y	-65.208	1.29
83	MP4C	My	.028	1.29
84	MP4C	Mz	-.016	1.29
85	OVP	Y	-120.561	.5
86	OVP	My	0	.5
87	OVP	Mz	0	.5
88	M109	Y	-72.219	1.63
89	M109	My	.031	1.63
90	M109	Mz	-.018	1.63
91	M80A	Y	-72.219	1.63
92	M80A	My	.031	1.63
93	M80A	Mz	-.018	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	0	.79
2	MP4A	Z	-96.13	.79
3	MP4A	Mx	0	.79
4	MP4A	X	0	2.79
5	MP4A	Z	-96.13	2.79
6	MP4A	Mx	0	2.79
7	MP4B	X	0	.79
8	MP4B	Z	-52.259	.79
9	MP4B	Mx	.034	.79
10	MP4B	X	0	2.79
11	MP4B	Z	-52.259	2.79
12	MP4B	Mx	.034	2.79
13	MP4C	X	0	.79
14	MP4C	Z	-71.961	.79
15	MP4C	Mx	-.035	.79
16	MP4C	X	0	2.79
17	MP4C	Z	-71.961	2.79
18	MP4C	Mx	-.035	2.79
19	MP1A	X	0	.33
20	MP1A	Z	-166.899	.33
21	MP1A	Mx	-.097	.33
22	MP1A	X	0	3.83
23	MP1A	Z	-166.899	3.83
24	MP1A	Mx	-.097	3.83
25	MP1B	X	0	.33
26	MP1B	Z	-124.503	.33
27	MP1B	Mx	.117	.33
28	MP1B	X	0	3.83
29	MP1B	Z	-124.503	3.83
30	MP1B	Mx	.117	3.83
31	MP1C	X	0	.33
32	MP1C	Z	-143.543	.33
33	MP1C	Mx	-.005	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
34	MP1C	X	0	3.83
35	MP1C	Z	-143.543	3.83
36	MP1C	Mx	-.005	3.83
37	MP1A	X	0	.33
38	MP1A	Z	-166.899	.33
39	MP1A	Mx	.097	.33
40	MP1A	X	0	3.83
41	MP1A	Z	-166.899	3.83
42	MP1A	Mx	.097	3.83
43	MP1B	X	0	.33
44	MP1B	Z	-124.503	.33
45	MP1B	Mx	.045	.33
46	MP1B	X	0	3.83
47	MP1B	Z	-124.503	3.83
48	MP1B	Mx	.045	3.83
49	MP1C	X	0	.33
50	MP1C	Z	-143.543	.33
51	MP1C	Mx	-.133	.33
52	MP1C	X	0	3.83
53	MP1C	Z	-143.543	3.83
54	MP1C	Mx	-.133	3.83
55	MP5A	X	0	.79
56	MP5A	Z	-154.831	.79
57	MP5A	Mx	0	.79
58	MP5A	X	0	4.79
59	MP5A	Z	-154.831	4.79
60	MP5A	Mx	0	4.79
61	MP5B	X	0	.79
62	MP5B	Z	-85.047	.79
63	MP5B	Mx	.064	.79
64	MP5B	X	0	4.79
65	MP5B	Z	-85.047	4.79
66	MP5B	Mx	.064	4.79
67	MP5C	X	0	.79
68	MP5C	Z	-137.385	.79
69	MP5C	Mx	-.052	.79
70	MP5C	X	0	4.79
71	MP5C	Z	-137.385	4.79
72	MP5C	Mx	-.052	4.79
73	M51	X	0	1.63
74	M51	Z	-70.155	1.63
75	M51	Mx	.018	1.63
76	MP4A	X	0	1.29
77	MP4A	Z	-67.726	1.29
78	MP4A	Mx	.017	1.29
79	MP4B	X	0	1.29
80	MP4B	Z	-67.726	1.29
81	MP4B	Mx	.017	1.29
82	MP4C	X	0	1.29
83	MP4C	Z	-67.726	1.29
84	MP4C	Mx	.017	1.29
85	OVP	X	0	.5
86	OVP	Z	-141.932	.5
87	OVP	Mx	0	.5
88	M109	X	0	1.63
89	M109	Z	-70.155	1.63
90	M109	Mx	.018	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
91	M80A	X	0	1.63
92	M80A	Z	-70.155	1.63
93	M80A	Mx	.018	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	40.753	.79
2	MP4A	Z	-70.587	.79
3	MP4A	Mx	-.031	.79
4	MP4A	X	40.753	2.79
5	MP4A	Z	-70.587	2.79
6	MP4A	Mx	-.031	2.79
7	MP4B	X	18.817	.79
8	MP4B	Z	-32.593	.79
9	MP4B	Mx	.028	.79
10	MP4B	X	18.817	2.79
11	MP4B	Z	-32.593	2.79
12	MP4B	Mx	.028	2.79
13	MP4C	X	47.183	.79
14	MP4C	Z	-81.724	.79
15	MP4C	Mx	-.012	.79
16	MP4C	X	47.183	2.79
17	MP4C	Z	-81.724	2.79
18	MP4C	Mx	-.012	2.79
19	MP1A	X	76.383	.33
20	MP1A	Z	-132.3	.33
21	MP1A	Mx	-.134	.33
22	MP1A	X	76.383	3.83
23	MP1A	Z	-132.3	3.83
24	MP1A	Mx	-.134	3.83
25	MP1B	X	55.186	.33
26	MP1B	Z	-95.584	.33
27	MP1B	Mx	.083	.33
28	MP1B	X	55.186	3.83
29	MP1B	Z	-95.584	3.83
30	MP1B	Mx	.083	3.83
31	MP1C	X	82.597	.33
32	MP1C	Z	-143.062	.33
33	MP1C	Mx	.073	.33
34	MP1C	X	82.597	3.83
35	MP1C	Z	-143.062	3.83
36	MP1C	Mx	.073	3.83
37	MP1A	X	76.383	.33
38	MP1A	Z	-132.3	.33
39	MP1A	Mx	.02	.33
40	MP1A	X	76.383	3.83
41	MP1A	Z	-132.3	3.83
42	MP1A	Mx	.02	3.83
43	MP1B	X	55.186	.33
44	MP1B	Z	-95.584	.33
45	MP1B	Mx	.083	.33
46	MP1B	X	55.186	3.83
47	MP1B	Z	-95.584	3.83
48	MP1B	Mx	.083	3.83
49	MP1C	X	82.597	.33
50	MP1C	Z	-143.062	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
51	MP1C	Mx	-.116	.33
52	MP1C	X	82.597	3.83
53	MP1C	Z	-143.062	3.83
54	MP1C	Mx	-.116	3.83
55	MP5A	X	68.692	.79
56	MP5A	Z	-118.979	.79
57	MP5A	Mx	-.052	.79
58	MP5A	X	68.692	4.79
59	MP5A	Z	-118.979	4.79
60	MP5A	Mx	-.052	4.79
61	MP5B	X	51.246	.79
62	MP5B	Z	-88.761	.79
63	MP5B	Mx	.067	.79
64	MP5B	X	51.246	4.79
65	MP5B	Z	-88.761	4.79
66	MP5B	Mx	.067	4.79
67	MP5C	X	77.416	.79
68	MP5C	Z	-134.088	.79
69	MP5C	Mx	0	.79
70	MP5C	X	77.416	4.79
71	MP5C	Z	-134.088	4.79
72	MP5C	Mx	0	4.79
73	M51	X	28.737	1.63
74	M51	Z	-49.774	1.63
75	M51	Mx	.025	1.63
76	MP4A	X	25.094	1.29
77	MP4A	Z	-43.463	1.29
78	MP4A	Mx	.022	1.29
79	MP4B	X	25.094	1.29
80	MP4B	Z	-43.463	1.29
81	MP4B	Mx	.022	1.29
82	MP4C	X	25.094	1.29
83	MP4C	Z	-43.463	1.29
84	MP4C	Mx	.022	1.29
85	OVP	X	57.862	.5
86	OVP	Z	-100.221	.5
87	OVP	Mx	0	.5
88	M109	X	28.737	1.63
89	M109	Z	-49.774	1.63
90	M109	Mx	.025	1.63
91	M80A	X	28.737	1.63
92	M80A	Z	-49.774	1.63
93	M80A	Mx	.025	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	45.257	.79
2	MP4A	Z	-26.129	.79
3	MP4A	Mx	-.034	.79
4	MP4A	X	45.257	2.79
5	MP4A	Z	-26.129	2.79
6	MP4A	Mx	-.034	2.79
7	MP4B	X	45.257	.79
8	MP4B	Z	-26.129	.79
9	MP4B	Mx	.034	.79
10	MP4B	X	45.257	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
11	MP4B	Z	-26.129	2.79
12	MP4B	Mx	.034	2.79
13	MP4C	X	77.325	.79
14	MP4C	Z	-44.644	.79
15	MP4C	Mx	.023	.79
16	MP4C	X	77.325	2.79
17	MP4C	Z	-44.644	2.79
18	MP4C	Mx	.023	2.79
19	MP1A	X	107.823	.33
20	MP1A	Z	-62.251	.33
21	MP1A	Mx	-.117	.33
22	MP1A	X	107.823	3.83
23	MP1A	Z	-62.251	3.83
24	MP1A	Mx	-.117	3.83
25	MP1B	X	107.823	.33
26	MP1B	Z	-62.251	.33
27	MP1B	Mx	.045	.33
28	MP1B	X	107.823	3.83
29	MP1B	Z	-62.251	3.83
30	MP1B	Mx	.045	3.83
31	MP1C	X	138.812	.33
32	MP1C	Z	-80.143	.33
33	MP1C	Mx	.129	.33
34	MP1C	X	138.812	3.83
35	MP1C	Z	-80.143	3.83
36	MP1C	Mx	.129	3.83
37	MP1A	X	107.823	.33
38	MP1A	Z	-62.251	.33
39	MP1A	Mx	-.045	.33
40	MP1A	X	107.823	3.83
41	MP1A	Z	-62.251	3.83
42	MP1A	Mx	-.045	3.83
43	MP1B	X	107.823	.33
44	MP1B	Z	-62.251	.33
45	MP1B	Mx	.117	.33
46	MP1B	X	107.823	3.83
47	MP1B	Z	-62.251	3.83
48	MP1B	Mx	.117	3.83
49	MP1C	X	138.812	.33
50	MP1C	Z	-80.143	.33
51	MP1C	Mx	-.047	.33
52	MP1C	X	138.812	3.83
53	MP1C	Z	-80.143	3.83
54	MP1C	Mx	-.047	3.83
55	MP5A	X	88.761	.79
56	MP5A	Z	-51.246	.79
57	MP5A	Mx	-.067	.79
58	MP5A	X	88.761	4.79
59	MP5A	Z	-51.246	4.79
60	MP5A	Mx	-.067	4.79
61	MP5B	X	118.979	.79
62	MP5B	Z	-68.692	.79
63	MP5B	Mx	.052	.79
64	MP5B	X	118.979	4.79
65	MP5B	Z	-68.692	4.79
66	MP5B	Mx	.052	4.79
67	MP5C	X	118.979	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
68	MP5C	Z	-68.692	.79
69	MP5C	Mx	.052	.79
70	MP5C	X	118.979	4.79
71	MP5C	Z	-68.692	4.79
72	MP5C	Mx	.052	4.79
73	M51	X	44.283	1.63
74	M51	Z	-25.567	1.63
75	M51	Mx	.026	1.63
76	MP4A	X	35.869	1.29
77	MP4A	Z	-20.709	1.29
78	MP4A	Mx	.021	1.29
79	MP4B	X	35.869	1.29
80	MP4B	Z	-20.709	1.29
81	MP4B	Mx	.021	1.29
82	MP4C	X	35.869	1.29
83	MP4C	Z	-20.709	1.29
84	MP4C	Mx	.021	1.29
85	OVP	X	88.873	.5
86	OVP	Z	-51.311	.5
87	OVP	Mx	0	.5
88	M109	X	44.283	1.63
89	M109	Z	-25.567	1.63
90	M109	Mx	.026	1.63
91	M80A	X	44.283	1.63
92	M80A	Z	-25.567	1.63
93	M80A	Mx	.026	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	37.635	.79
2	MP4A	Z	0	.79
3	MP4A	Mx	-.028	.79
4	MP4A	X	37.635	2.79
5	MP4A	Z	0	2.79
6	MP4A	Mx	-.028	2.79
7	MP4B	X	81.506	.79
8	MP4B	Z	0	.79
9	MP4B	Mx	.031	.79
10	MP4B	X	81.506	2.79
11	MP4B	Z	0	2.79
12	MP4B	Mx	.031	2.79
13	MP4C	X	61.804	.79
14	MP4C	Z	0	.79
15	MP4C	Mx	.036	.79
16	MP4C	X	61.804	2.79
17	MP4C	Z	0	2.79
18	MP4C	Mx	.036	2.79
19	MP1A	X	110.371	.33
20	MP1A	Z	0	.33
21	MP1A	Mx	-.083	.33
22	MP1A	X	110.371	3.83
23	MP1A	Z	0	3.83
24	MP1A	Mx	-.083	3.83
25	MP1B	X	152.767	.33
26	MP1B	Z	0	.33
27	MP1B	Mx	-.02	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
28	MP1B	X	152.767	3.83
29	MP1B	Z	0	3.83
30	MP1B	Mx	-.02	3.83
31	MP1C	X	133.727	.33
32	MP1C	Z	0	.33
33	MP1C	Mx	.127	.33
34	MP1C	X	133.727	3.83
35	MP1C	Z	0	3.83
36	MP1C	Mx	.127	3.83
37	MP1A	X	110.371	.33
38	MP1A	Z	0	.33
39	MP1A	Mx	-.083	.33
40	MP1A	X	110.371	3.83
41	MP1A	Z	0	3.83
42	MP1A	Mx	-.083	3.83
43	MP1B	X	152.767	.33
44	MP1B	Z	0	.33
45	MP1B	Mx	.134	.33
46	MP1B	X	152.767	3.83
47	MP1B	Z	0	3.83
48	MP1B	Mx	.134	3.83
49	MP1C	X	133.727	.33
50	MP1C	Z	0	.33
51	MP1C	Mx	.027	.33
52	MP1C	X	133.727	3.83
53	MP1C	Z	0	3.83
54	MP1C	Mx	.027	3.83
55	MP5A	X	85.047	.79
56	MP5A	Z	0	.79
57	MP5A	Mx	-.064	.79
58	MP5A	X	85.047	4.79
59	MP5A	Z	0	4.79
60	MP5A	Mx	-.064	4.79
61	MP5B	X	154.831	.79
62	MP5B	Z	0	.79
63	MP5B	Mx	0	.79
64	MP5B	X	154.831	4.79
65	MP5B	Z	0	4.79
66	MP5B	Mx	0	4.79
67	MP5C	X	102.493	.79
68	MP5C	Z	0	.79
69	MP5C	Mx	.067	.79
70	MP5C	X	102.493	4.79
71	MP5C	Z	0	4.79
72	MP5C	Mx	.067	4.79
73	M51	X	57.474	1.63
74	M51	Z	0	1.63
75	M51	Mx	.025	1.63
76	MP4A	X	50.187	1.29
77	MP4A	Z	0	1.29
78	MP4A	Mx	.022	1.29
79	MP4B	X	50.187	1.29
80	MP4B	Z	0	1.29
81	MP4B	Mx	.022	1.29
82	MP4C	X	50.187	1.29
83	MP4C	Z	0	1.29
84	MP4C	Mx	.022	1.29

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
85	OVP	X	115.725	.5
86	OVP	Z	0	.5
87	OVP	Mx	0	.5
88	M109	X	57.474	1.63
89	M109	Z	0	1.63
90	M109	Mx	.025	1.63
91	M80A	X	57.474	1.63
92	M80A	Z	0	1.63
93	M80A	Mx	.025	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	45.257	.79
2	MP4A	Z	26.129	.79
3	MP4A	Mx	-.034	.79
4	MP4A	X	45.257	2.79
5	MP4A	Z	26.129	2.79
6	MP4A	Mx	-.034	2.79
7	MP4B	X	83.251	.79
8	MP4B	Z	48.065	.79
9	MP4B	Mx	0	.79
10	MP4B	X	83.251	2.79
11	MP4B	Z	48.065	2.79
12	MP4B	Mx	0	2.79
13	MP4C	X	34.12	.79
14	MP4C	Z	19.699	.79
15	MP4C	Mx	.029	.79
16	MP4C	X	34.12	2.79
17	MP4C	Z	19.699	2.79
18	MP4C	Mx	.029	2.79
19	MP1A	X	107.823	.33
20	MP1A	Z	62.251	.33
21	MP1A	Mx	-.045	.33
22	MP1A	X	107.823	3.83
23	MP1A	Z	62.251	3.83
24	MP1A	Mx	-.045	3.83
25	MP1B	X	144.538	.33
26	MP1B	Z	83.449	.33
27	MP1B	Mx	-.097	.33
28	MP1B	X	144.538	3.83
29	MP1B	Z	83.449	3.83
30	MP1B	Mx	-.097	3.83
31	MP1C	X	97.06	.33
32	MP1C	Z	56.038	.33
33	MP1C	Mx	.094	.33
34	MP1C	X	97.06	3.83
35	MP1C	Z	56.038	3.83
36	MP1C	Mx	.094	3.83
37	MP1A	X	107.823	.33
38	MP1A	Z	62.251	.33
39	MP1A	Mx	-.117	.33
40	MP1A	X	107.823	3.83
41	MP1A	Z	62.251	3.83
42	MP1A	Mx	-.117	3.83
43	MP1B	X	144.538	.33
44	MP1B	Z	83.449	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
45	MP1B	Mx	.097	.33
46	MP1B	X	144.538	3.83
47	MP1B	Z	83.449	3.83
48	MP1B	Mx	.097	3.83
49	MP1C	X	97.06	.33
50	MP1C	Z	56.038	.33
51	MP1C	Mx	.071	.33
52	MP1C	X	97.06	3.83
53	MP1C	Z	56.038	3.83
54	MP1C	Mx	.071	3.83
55	MP5A	X	88.761	.79
56	MP5A	Z	51.246	.79
57	MP5A	Mx	-.067	.79
58	MP5A	X	88.761	4.79
59	MP5A	Z	51.246	4.79
60	MP5A	Mx	-.067	4.79
61	MP5B	X	118.979	.79
62	MP5B	Z	68.692	.79
63	MP5B	Mx	-.052	.79
64	MP5B	X	118.979	4.79
65	MP5B	Z	68.692	4.79
66	MP5B	Mx	-.052	4.79
67	MP5C	X	73.653	.79
68	MP5C	Z	42.523	.79
69	MP5C	Mx	.064	.79
70	MP5C	X	73.653	4.79
71	MP5C	Z	42.523	4.79
72	MP5C	Mx	.064	4.79
73	M51	X	60.756	1.63
74	M51	Z	35.077	1.63
75	M51	Mx	.018	1.63
76	MP4A	X	58.652	1.29
77	MP4A	Z	33.863	1.29
78	MP4A	Mx	.017	1.29
79	MP4B	X	58.652	1.29
80	MP4B	Z	33.863	1.29
81	MP4B	Mx	.017	1.29
82	MP4C	X	58.652	1.29
83	MP4C	Z	33.863	1.29
84	MP4C	Mx	.017	1.29
85	OVP	X	122.917	.5
86	OVP	Z	70.966	.5
87	OVP	Mx	0	.5
88	M109	X	60.756	1.63
89	M109	Z	35.077	1.63
90	M109	Mx	.018	1.63
91	M80A	X	60.756	1.63
92	M80A	Z	35.077	1.63
93	M80A	Mx	.018	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	40.753	.79
2	MP4A	Z	70.587	.79
3	MP4A	Mx	-.031	.79
4	MP4A	X	40.753	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
5	MP4A	Z	70.587	2.79
6	MP4A	Mx	-.031	2.79
7	MP4B	X	40.753	.79
8	MP4B	Z	70.587	.79
9	MP4B	Mx	-.031	.79
10	MP4B	X	40.753	2.79
11	MP4B	Z	70.587	2.79
12	MP4B	Mx	-.031	2.79
13	MP4C	X	22.239	.79
14	MP4C	Z	38.519	.79
15	MP4C	Mx	.031	.79
16	MP4C	X	22.239	2.79
17	MP4C	Z	38.519	2.79
18	MP4C	Mx	.031	2.79
19	MP1A	X	76.383	.33
20	MP1A	Z	132.3	.33
21	MP1A	Mx	.02	.33
22	MP1A	X	76.383	3.83
23	MP1A	Z	132.3	3.83
24	MP1A	Mx	.02	3.83
25	MP1B	X	76.383	.33
26	MP1B	Z	132.3	.33
27	MP1B	Mx	-.134	.33
28	MP1B	X	76.383	3.83
29	MP1B	Z	132.3	3.83
30	MP1B	Mx	-.134	3.83
31	MP1C	X	58.492	.33
32	MP1C	Z	101.311	.33
33	MP1C	Mx	.059	.33
34	MP1C	X	58.492	3.83
35	MP1C	Z	101.311	3.83
36	MP1C	Mx	.059	3.83
37	MP1A	X	76.383	.33
38	MP1A	Z	132.3	.33
39	MP1A	Mx	-.134	.33
40	MP1A	X	76.383	3.83
41	MP1A	Z	132.3	3.83
42	MP1A	Mx	-.134	3.83
43	MP1B	X	76.383	.33
44	MP1B	Z	132.3	.33
45	MP1B	Mx	.02	.33
46	MP1B	X	76.383	3.83
47	MP1B	Z	132.3	3.83
48	MP1B	Mx	.02	3.83
49	MP1C	X	58.492	.33
50	MP1C	Z	101.311	.33
51	MP1C	Mx	.106	.33
52	MP1C	X	58.492	3.83
53	MP1C	Z	101.311	3.83
54	MP1C	Mx	.106	3.83
55	MP5A	X	68.692	.79
56	MP5A	Z	118.979	.79
57	MP5A	Mx	-.052	.79
58	MP5A	X	68.692	4.79
59	MP5A	Z	118.979	4.79
60	MP5A	Mx	-.052	4.79
61	MP5B	X	51.246	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
62	MP5B	Z	88.761	.79
63	MP5B	Mx	-.067	.79
64	MP5B	X	51.246	4.79
65	MP5B	Z	88.761	4.79
66	MP5B	Mx	-.067	4.79
67	MP5C	X	51.246	.79
68	MP5C	Z	88.761	.79
69	MP5C	Mx	.067	.79
70	MP5C	X	51.246	4.79
71	MP5C	Z	88.761	4.79
72	MP5C	Mx	.067	4.79
73	M51	X	38.248	1.63
74	M51	Z	66.247	1.63
75	M51	Mx	0	1.63
76	MP4A	X	38.248	1.29
77	MP4A	Z	66.247	1.29
78	MP4A	Mx	0	1.29
79	MP4B	X	38.248	1.29
80	MP4B	Z	66.247	1.29
81	MP4B	Mx	0	1.29
82	MP4C	X	38.248	1.29
83	MP4C	Z	66.247	1.29
84	MP4C	Mx	0	1.29
85	OVP	X	77.518	.5
86	OVP	Z	134.265	.5
87	OVP	Mx	0	.5
88	M109	X	38.248	1.63
89	M109	Z	66.247	1.63
90	M109	Mx	0	1.63
91	M80A	X	38.248	1.63
92	M80A	Z	66.247	1.63
93	M80A	Mx	0	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	0	.79
2	MP4A	Z	96.13	.79
3	MP4A	Mx	0	.79
4	MP4A	X	0	2.79
5	MP4A	Z	96.13	2.79
6	MP4A	Mx	0	2.79
7	MP4B	X	0	.79
8	MP4B	Z	52.259	.79
9	MP4B	Mx	-.034	.79
10	MP4B	X	0	2.79
11	MP4B	Z	52.259	2.79
12	MP4B	Mx	-.034	2.79
13	MP4C	X	0	.79
14	MP4C	Z	71.961	.79
15	MP4C	Mx	.035	.79
16	MP4C	X	0	2.79
17	MP4C	Z	71.961	2.79
18	MP4C	Mx	.035	2.79
19	MP1A	X	0	.33
20	MP1A	Z	166.899	.33
21	MP1A	Mx	.097	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
22	MP1A	X	0	3.83
23	MP1A	Z	166.899	3.83
24	MP1A	Mx	.097	3.83
25	MP1B	X	0	.33
26	MP1B	Z	124.503	.33
27	MP1B	Mx	-.117	.33
28	MP1B	X	0	3.83
29	MP1B	Z	124.503	3.83
30	MP1B	Mx	-.117	3.83
31	MP1C	X	0	.33
32	MP1C	Z	143.543	.33
33	MP1C	Mx	.005	.33
34	MP1C	X	0	3.83
35	MP1C	Z	143.543	3.83
36	MP1C	Mx	.005	3.83
37	MP1A	X	0	.33
38	MP1A	Z	166.899	.33
39	MP1A	Mx	-.097	.33
40	MP1A	X	0	3.83
41	MP1A	Z	166.899	3.83
42	MP1A	Mx	-.097	3.83
43	MP1B	X	0	.33
44	MP1B	Z	124.503	.33
45	MP1B	Mx	-.045	.33
46	MP1B	X	0	3.83
47	MP1B	Z	124.503	3.83
48	MP1B	Mx	-.045	3.83
49	MP1C	X	0	.33
50	MP1C	Z	143.543	.33
51	MP1C	Mx	.133	.33
52	MP1C	X	0	3.83
53	MP1C	Z	143.543	3.83
54	MP1C	Mx	.133	3.83
55	MP5A	X	0	.79
56	MP5A	Z	154.831	.79
57	MP5A	Mx	0	.79
58	MP5A	X	0	4.79
59	MP5A	Z	154.831	4.79
60	MP5A	Mx	0	4.79
61	MP5B	X	0	.79
62	MP5B	Z	85.047	.79
63	MP5B	Mx	-.064	.79
64	MP5B	X	0	4.79
65	MP5B	Z	85.047	4.79
66	MP5B	Mx	-.064	4.79
67	MP5C	X	0	.79
68	MP5C	Z	137.385	.79
69	MP5C	Mx	.052	.79
70	MP5C	X	0	4.79
71	MP5C	Z	137.385	4.79
72	MP5C	Mx	.052	4.79
73	M51	X	0	1.63
74	M51	Z	70.155	1.63
75	M51	Mx	-.018	1.63
76	MP4A	X	0	1.29
77	MP4A	Z	67.726	1.29
78	MP4A	Mx	-.017	1.29

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
79	MP4B	X	0	1.29
80	MP4B	Z	67.726	1.29
81	MP4B	Mx	-.017	1.29
82	MP4C	X	0	1.29
83	MP4C	Z	67.726	1.29
84	MP4C	Mx	-.017	1.29
85	OVP	X	0	.5
86	OVP	Z	141.932	.5
87	OVP	Mx	0	.5
88	M109	X	0	1.63
89	M109	Z	70.155	1.63
90	M109	Mx	-.018	1.63
91	M80A	X	0	1.63
92	M80A	Z	70.155	1.63
93	M80A	Mx	-.018	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-40.753	.79
2	MP4A	Z	70.587	.79
3	MP4A	Mx	.031	.79
4	MP4A	X	-40.753	2.79
5	MP4A	Z	70.587	2.79
6	MP4A	Mx	.031	2.79
7	MP4B	X	-18.817	.79
8	MP4B	Z	32.593	.79
9	MP4B	Mx	-.028	.79
10	MP4B	X	-18.817	2.79
11	MP4B	Z	32.593	2.79
12	MP4B	Mx	-.028	2.79
13	MP4C	X	-47.183	.79
14	MP4C	Z	81.724	.79
15	MP4C	Mx	.012	.79
16	MP4C	X	-47.183	2.79
17	MP4C	Z	81.724	2.79
18	MP4C	Mx	.012	2.79
19	MP1A	X	-76.383	.33
20	MP1A	Z	132.3	.33
21	MP1A	Mx	.134	.33
22	MP1A	X	-76.383	3.83
23	MP1A	Z	132.3	3.83
24	MP1A	Mx	.134	3.83
25	MP1B	X	-55.186	.33
26	MP1B	Z	95.584	.33
27	MP1B	Mx	-.083	.33
28	MP1B	X	-55.186	3.83
29	MP1B	Z	95.584	3.83
30	MP1B	Mx	-.083	3.83
31	MP1C	X	-82.597	.33
32	MP1C	Z	143.062	.33
33	MP1C	Mx	-.073	.33
34	MP1C	X	-82.597	3.83
35	MP1C	Z	143.062	3.83
36	MP1C	Mx	-.073	3.83
37	MP1A	X	-76.383	.33
38	MP1A	Z	132.3	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
39	MP1A	Mx	-.02	.33
40	MP1A	X	-76.383	3.83
41	MP1A	Z	132.3	3.83
42	MP1A	Mx	-.02	3.83
43	MP1B	X	-55.186	.33
44	MP1B	Z	95.584	.33
45	MP1B	Mx	-.083	.33
46	MP1B	X	-55.186	3.83
47	MP1B	Z	95.584	3.83
48	MP1B	Mx	-.083	3.83
49	MP1C	X	-82.597	.33
50	MP1C	Z	143.062	.33
51	MP1C	Mx	.116	.33
52	MP1C	X	-82.597	3.83
53	MP1C	Z	143.062	3.83
54	MP1C	Mx	.116	3.83
55	MP5A	X	-68.692	.79
56	MP5A	Z	118.979	.79
57	MP5A	Mx	.052	.79
58	MP5A	X	-68.692	4.79
59	MP5A	Z	118.979	4.79
60	MP5A	Mx	.052	4.79
61	MP5B	X	-51.246	.79
62	MP5B	Z	88.761	.79
63	MP5B	Mx	-.067	.79
64	MP5B	X	-51.246	4.79
65	MP5B	Z	88.761	4.79
66	MP5B	Mx	-.067	4.79
67	MP5C	X	-77.416	.79
68	MP5C	Z	134.088	.79
69	MP5C	Mx	0	.79
70	MP5C	X	-77.416	4.79
71	MP5C	Z	134.088	4.79
72	MP5C	Mx	0	4.79
73	M51	X	-28.737	1.63
74	M51	Z	49.774	1.63
75	M51	Mx	-.025	1.63
76	MP4A	X	-25.094	1.29
77	MP4A	Z	43.463	1.29
78	MP4A	Mx	-.022	1.29
79	MP4B	X	-25.094	1.29
80	MP4B	Z	43.463	1.29
81	MP4B	Mx	-.022	1.29
82	MP4C	X	-25.094	1.29
83	MP4C	Z	43.463	1.29
84	MP4C	Mx	-.022	1.29
85	OVP	X	-57.862	.5
86	OVP	Z	100.221	.5
87	OVP	Mx	0	.5
88	M109	X	-28.737	1.63
89	M109	Z	49.774	1.63
90	M109	Mx	-.025	1.63
91	M80A	X	-28.737	1.63
92	M80A	Z	49.774	1.63
93	M80A	Mx	-.025	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-45.257	.79
2	MP4A	Z	26.129	.79
3	MP4A	Mx	.034	.79
4	MP4A	X	-45.257	2.79
5	MP4A	Z	26.129	2.79
6	MP4A	Mx	.034	2.79
7	MP4B	X	-45.257	.79
8	MP4B	Z	26.129	.79
9	MP4B	Mx	-.034	.79
10	MP4B	X	-45.257	2.79
11	MP4B	Z	26.129	2.79
12	MP4B	Mx	-.034	2.79
13	MP4C	X	-77.325	.79
14	MP4C	Z	44.644	.79
15	MP4C	Mx	-.023	.79
16	MP4C	X	-77.325	2.79
17	MP4C	Z	44.644	2.79
18	MP4C	Mx	-.023	2.79
19	MP1A	X	-107.823	.33
20	MP1A	Z	62.251	.33
21	MP1A	Mx	.117	.33
22	MP1A	X	-107.823	3.83
23	MP1A	Z	62.251	3.83
24	MP1A	Mx	.117	3.83
25	MP1B	X	-107.823	.33
26	MP1B	Z	62.251	.33
27	MP1B	Mx	-.045	.33
28	MP1B	X	-107.823	3.83
29	MP1B	Z	62.251	3.83
30	MP1B	Mx	-.045	3.83
31	MP1C	X	-138.812	.33
32	MP1C	Z	80.143	.33
33	MP1C	Mx	-.129	.33
34	MP1C	X	-138.812	3.83
35	MP1C	Z	80.143	3.83
36	MP1C	Mx	-.129	3.83
37	MP1A	X	-107.823	.33
38	MP1A	Z	62.251	.33
39	MP1A	Mx	.045	.33
40	MP1A	X	-107.823	3.83
41	MP1A	Z	62.251	3.83
42	MP1A	Mx	.045	3.83
43	MP1B	X	-107.823	.33
44	MP1B	Z	62.251	.33
45	MP1B	Mx	-.117	.33
46	MP1B	X	-107.823	3.83
47	MP1B	Z	62.251	3.83
48	MP1B	Mx	-.117	3.83
49	MP1C	X	-138.812	.33
50	MP1C	Z	80.143	.33
51	MP1C	Mx	.047	.33
52	MP1C	X	-138.812	3.83
53	MP1C	Z	80.143	3.83
54	MP1C	Mx	.047	3.83
55	MP5A	X	-88.761	.79
56	MP5A	Z	51.246	.79
57	MP5A	Mx	.067	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP5A	X	-88.761	4.79
59	MP5A	Z	51.246	4.79
60	MP5A	Mx	.067	4.79
61	MP5B	X	-118.979	.79
62	MP5B	Z	68.692	.79
63	MP5B	Mx	-.052	.79
64	MP5B	X	-118.979	4.79
65	MP5B	Z	68.692	4.79
66	MP5B	Mx	-.052	4.79
67	MP5C	X	-118.979	.79
68	MP5C	Z	68.692	.79
69	MP5C	Mx	-.052	.79
70	MP5C	X	-118.979	4.79
71	MP5C	Z	68.692	4.79
72	MP5C	Mx	-.052	4.79
73	M51	X	-44.283	1.63
74	M51	Z	25.567	1.63
75	M51	Mx	-.026	1.63
76	MP4A	X	-35.869	1.29
77	MP4A	Z	20.709	1.29
78	MP4A	Mx	-.021	1.29
79	MP4B	X	-35.869	1.29
80	MP4B	Z	20.709	1.29
81	MP4B	Mx	-.021	1.29
82	MP4C	X	-35.869	1.29
83	MP4C	Z	20.709	1.29
84	MP4C	Mx	-.021	1.29
85	OVP	X	-88.873	.5
86	OVP	Z	51.311	.5
87	OVP	Mx	0	.5
88	M109	X	-44.283	1.63
89	M109	Z	25.567	1.63
90	M109	Mx	-.026	1.63
91	M80A	X	-44.283	1.63
92	M80A	Z	25.567	1.63
93	M80A	Mx	-.026	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-37.635	.79
2	MP4A	Z	0	.79
3	MP4A	Mx	.028	.79
4	MP4A	X	-37.635	2.79
5	MP4A	Z	0	2.79
6	MP4A	Mx	.028	2.79
7	MP4B	X	-81.506	.79
8	MP4B	Z	0	.79
9	MP4B	Mx	-.031	.79
10	MP4B	X	-81.506	2.79
11	MP4B	Z	0	2.79
12	MP4B	Mx	-.031	2.79
13	MP4C	X	-61.804	.79
14	MP4C	Z	0	.79
15	MP4C	Mx	-.036	.79
16	MP4C	X	-61.804	2.79
17	MP4C	Z	0	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
18	MP4C	Mx	-.036	2.79
19	MP1A	X	-110.371	.33
20	MP1A	Z	0	.33
21	MP1A	Mx	.083	.33
22	MP1A	X	-110.371	3.83
23	MP1A	Z	0	3.83
24	MP1A	Mx	.083	3.83
25	MP1B	X	-152.767	.33
26	MP1B	Z	0	.33
27	MP1B	Mx	.02	.33
28	MP1B	X	-152.767	3.83
29	MP1B	Z	0	3.83
30	MP1B	Mx	.02	3.83
31	MP1C	X	-133.727	.33
32	MP1C	Z	0	.33
33	MP1C	Mx	-.127	.33
34	MP1C	X	-133.727	3.83
35	MP1C	Z	0	3.83
36	MP1C	Mx	-.127	3.83
37	MP1A	X	-110.371	.33
38	MP1A	Z	0	.33
39	MP1A	Mx	.083	.33
40	MP1A	X	-110.371	3.83
41	MP1A	Z	0	3.83
42	MP1A	Mx	.083	3.83
43	MP1B	X	-152.767	.33
44	MP1B	Z	0	.33
45	MP1B	Mx	-.134	.33
46	MP1B	X	-152.767	3.83
47	MP1B	Z	0	3.83
48	MP1B	Mx	-.134	3.83
49	MP1C	X	-133.727	.33
50	MP1C	Z	0	.33
51	MP1C	Mx	-.027	.33
52	MP1C	X	-133.727	3.83
53	MP1C	Z	0	3.83
54	MP1C	Mx	-.027	3.83
55	MP5A	X	-85.047	.79
56	MP5A	Z	0	.79
57	MP5A	Mx	.064	.79
58	MP5A	X	-85.047	4.79
59	MP5A	Z	0	4.79
60	MP5A	Mx	.064	4.79
61	MP5B	X	-154.831	.79
62	MP5B	Z	0	.79
63	MP5B	Mx	0	.79
64	MP5B	X	-154.831	4.79
65	MP5B	Z	0	4.79
66	MP5B	Mx	0	4.79
67	MP5C	X	-102.493	.79
68	MP5C	Z	0	.79
69	MP5C	Mx	-.067	.79
70	MP5C	X	-102.493	4.79
71	MP5C	Z	0	4.79
72	MP5C	Mx	-.067	4.79
73	M51	X	-57.474	1.63
74	M51	Z	0	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
75	M51	Mx	-.025	1.63
76	MP4A	X	-50.187	1.29
77	MP4A	Z	0	1.29
78	MP4A	Mx	-.022	1.29
79	MP4B	X	-50.187	1.29
80	MP4B	Z	0	1.29
81	MP4B	Mx	-.022	1.29
82	MP4C	X	-50.187	1.29
83	MP4C	Z	0	1.29
84	MP4C	Mx	-.022	1.29
85	OVP	X	-115.725	.5
86	OVP	Z	0	.5
87	OVP	Mx	0	.5
88	M109	X	-57.474	1.63
89	M109	Z	0	1.63
90	M109	Mx	-.025	1.63
91	M80A	X	-57.474	1.63
92	M80A	Z	0	1.63
93	M80A	Mx	-.025	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-45.257	.79
2	MP4A	Z	-26.129	.79
3	MP4A	Mx	.034	.79
4	MP4A	X	-45.257	2.79
5	MP4A	Z	-26.129	2.79
6	MP4A	Mx	.034	2.79
7	MP4B	X	-83.251	.79
8	MP4B	Z	-48.065	.79
9	MP4B	Mx	0	.79
10	MP4B	X	-83.251	2.79
11	MP4B	Z	-48.065	2.79
12	MP4B	Mx	0	2.79
13	MP4C	X	-34.12	.79
14	MP4C	Z	-19.699	.79
15	MP4C	Mx	-.029	.79
16	MP4C	X	-34.12	2.79
17	MP4C	Z	-19.699	2.79
18	MP4C	Mx	-.029	2.79
19	MP1A	X	-107.823	.33
20	MP1A	Z	-62.251	.33
21	MP1A	Mx	.045	.33
22	MP1A	X	-107.823	3.83
23	MP1A	Z	-62.251	3.83
24	MP1A	Mx	.045	3.83
25	MP1B	X	-144.538	.33
26	MP1B	Z	-83.449	.33
27	MP1B	Mx	.097	.33
28	MP1B	X	-144.538	3.83
29	MP1B	Z	-83.449	3.83
30	MP1B	Mx	.097	3.83
31	MP1C	X	-97.06	.33
32	MP1C	Z	-56.038	.33
33	MP1C	Mx	-.094	.33
34	MP1C	X	-97.06	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
35	MP1C	Z	-56.038	3.83
36	MP1C	Mx	-.094	3.83
37	MP1A	X	-107.823	.33
38	MP1A	Z	-62.251	.33
39	MP1A	Mx	.117	.33
40	MP1A	X	-107.823	3.83
41	MP1A	Z	-62.251	3.83
42	MP1A	Mx	.117	3.83
43	MP1B	X	-144.538	.33
44	MP1B	Z	-83.449	.33
45	MP1B	Mx	-.097	.33
46	MP1B	X	-144.538	3.83
47	MP1B	Z	-83.449	3.83
48	MP1B	Mx	-.097	3.83
49	MP1C	X	-97.06	.33
50	MP1C	Z	-56.038	.33
51	MP1C	Mx	-.071	.33
52	MP1C	X	-97.06	3.83
53	MP1C	Z	-56.038	3.83
54	MP1C	Mx	-.071	3.83
55	MP5A	X	-88.761	.79
56	MP5A	Z	-51.246	.79
57	MP5A	Mx	.067	.79
58	MP5A	X	-88.761	4.79
59	MP5A	Z	-51.246	4.79
60	MP5A	Mx	.067	4.79
61	MP5B	X	-118.979	.79
62	MP5B	Z	-68.692	.79
63	MP5B	Mx	.052	.79
64	MP5B	X	-118.979	4.79
65	MP5B	Z	-68.692	4.79
66	MP5B	Mx	.052	4.79
67	MP5C	X	-73.653	.79
68	MP5C	Z	-42.523	.79
69	MP5C	Mx	-.064	.79
70	MP5C	X	-73.653	4.79
71	MP5C	Z	-42.523	4.79
72	MP5C	Mx	-.064	4.79
73	M51	X	-60.756	1.63
74	M51	Z	-35.077	1.63
75	M51	Mx	-.018	1.63
76	MP4A	X	-58.652	1.29
77	MP4A	Z	-33.863	1.29
78	MP4A	Mx	-.017	1.29
79	MP4B	X	-58.652	1.29
80	MP4B	Z	-33.863	1.29
81	MP4B	Mx	-.017	1.29
82	MP4C	X	-58.652	1.29
83	MP4C	Z	-33.863	1.29
84	MP4C	Mx	-.017	1.29
85	OVP	X	-122.917	.5
86	OVP	Z	-70.966	.5
87	OVP	Mx	0	.5
88	M109	X	-60.756	1.63
89	M109	Z	-35.077	1.63
90	M109	Mx	-.018	1.63
91	M80A	X	-60.756	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
92	M80A	Z	-35.077	1.63
93	M80A	Mx	-.018	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-40.753	.79
2	MP4A	Z	-70.587	.79
3	MP4A	Mx	.031	.79
4	MP4A	X	-40.753	2.79
5	MP4A	Z	-70.587	2.79
6	MP4A	Mx	.031	2.79
7	MP4B	X	-40.753	.79
8	MP4B	Z	-70.587	.79
9	MP4B	Mx	.031	.79
10	MP4B	X	-40.753	2.79
11	MP4B	Z	-70.587	2.79
12	MP4B	Mx	.031	2.79
13	MP4C	X	-22.239	.79
14	MP4C	Z	-38.519	.79
15	MP4C	Mx	-.031	.79
16	MP4C	X	-22.239	2.79
17	MP4C	Z	-38.519	2.79
18	MP4C	Mx	-.031	2.79
19	MP1A	X	-76.383	.33
20	MP1A	Z	-132.3	.33
21	MP1A	Mx	-.02	.33
22	MP1A	X	-76.383	3.83
23	MP1A	Z	-132.3	3.83
24	MP1A	Mx	-.02	3.83
25	MP1B	X	-76.383	.33
26	MP1B	Z	-132.3	.33
27	MP1B	Mx	.134	.33
28	MP1B	X	-76.383	3.83
29	MP1B	Z	-132.3	3.83
30	MP1B	Mx	.134	3.83
31	MP1C	X	-58.492	.33
32	MP1C	Z	-101.311	.33
33	MP1C	Mx	-.059	.33
34	MP1C	X	-58.492	3.83
35	MP1C	Z	-101.311	3.83
36	MP1C	Mx	-.059	3.83
37	MP1A	X	-76.383	.33
38	MP1A	Z	-132.3	.33
39	MP1A	Mx	.134	.33
40	MP1A	X	-76.383	3.83
41	MP1A	Z	-132.3	3.83
42	MP1A	Mx	.134	3.83
43	MP1B	X	-76.383	.33
44	MP1B	Z	-132.3	.33
45	MP1B	Mx	-.02	.33
46	MP1B	X	-76.383	3.83
47	MP1B	Z	-132.3	3.83
48	MP1B	Mx	-.02	3.83
49	MP1C	X	-58.492	.33
50	MP1C	Z	-101.311	.33
51	MP1C	Mx	-.106	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
52	MP1C	X	-58.492	3.83
53	MP1C	Z	-101.311	3.83
54	MP1C	Mx	-.106	3.83
55	MP5A	X	-68.692	.79
56	MP5A	Z	-118.979	.79
57	MP5A	Mx	.052	.79
58	MP5A	X	-68.692	4.79
59	MP5A	Z	-118.979	4.79
60	MP5A	Mx	.052	4.79
61	MP5B	X	-51.246	.79
62	MP5B	Z	-88.761	.79
63	MP5B	Mx	.067	.79
64	MP5B	X	-51.246	4.79
65	MP5B	Z	-88.761	4.79
66	MP5B	Mx	.067	4.79
67	MP5C	X	-51.246	.79
68	MP5C	Z	-88.761	.79
69	MP5C	Mx	-.067	.79
70	MP5C	X	-51.246	4.79
71	MP5C	Z	-88.761	4.79
72	MP5C	Mx	-.067	4.79
73	M51	X	-38.248	1.63
74	M51	Z	-66.247	1.63
75	M51	Mx	0	1.63
76	MP4A	X	-38.248	1.29
77	MP4A	Z	-66.247	1.29
78	MP4A	Mx	0	1.29
79	MP4B	X	-38.248	1.29
80	MP4B	Z	-66.247	1.29
81	MP4B	Mx	0	1.29
82	MP4C	X	-38.248	1.29
83	MP4C	Z	-66.247	1.29
84	MP4C	Mx	0	1.29
85	OVP	X	-77.518	.5
86	OVP	Z	-134.265	.5
87	OVP	Mx	0	.5
88	M109	X	-38.248	1.63
89	M109	Z	-66.247	1.63
90	M109	Mx	0	1.63
91	M80A	X	-38.248	1.63
92	M80A	Z	-66.247	1.63
93	M80A	Mx	0	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	0	.79
2	MP4A	Z	-21.044	.79
3	MP4A	Mx	0	.79
4	MP4A	X	0	2.79
5	MP4A	Z	-21.044	2.79
6	MP4A	Mx	0	2.79
7	MP4B	X	0	.79
8	MP4B	Z	-12.275	.79
9	MP4B	Mx	.008	.79
10	MP4B	X	0	2.79
11	MP4B	Z	-12.275	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
12	MP4B	Mx	.008	2.79
13	MP4C	X	0	.79
14	MP4C	Z	-16.213	.79
15	MP4C	Mx	-.008	.79
16	MP4C	X	0	2.79
17	MP4C	Z	-16.213	2.79
18	MP4C	Mx	-.008	2.79
19	MP1A	X	0	.33
20	MP1A	Z	-35.319	.33
21	MP1A	Mx	-.021	.33
22	MP1A	X	0	3.83
23	MP1A	Z	-35.319	3.83
24	MP1A	Mx	-.021	3.83
25	MP1B	X	0	.33
26	MP1B	Z	-27.461	.33
27	MP1B	Mx	.026	.33
28	MP1B	X	0	3.83
29	MP1B	Z	-27.461	3.83
30	MP1B	Mx	.026	3.83
31	MP1C	X	0	.33
32	MP1C	Z	-30.99	.33
33	MP1C	Mx	-.001	.33
34	MP1C	X	0	3.83
35	MP1C	Z	-30.99	3.83
36	MP1C	Mx	-.001	3.83
37	MP1A	X	0	.33
38	MP1A	Z	-35.319	.33
39	MP1A	Mx	.021	.33
40	MP1A	X	0	3.83
41	MP1A	Z	-35.319	3.83
42	MP1A	Mx	.021	3.83
43	MP1B	X	0	.33
44	MP1B	Z	-27.461	.33
45	MP1B	Mx	.01	.33
46	MP1B	X	0	3.83
47	MP1B	Z	-27.461	3.83
48	MP1B	Mx	.01	3.83
49	MP1C	X	0	.33
50	MP1C	Z	-30.99	.33
51	MP1C	Mx	-.029	.33
52	MP1C	X	0	3.83
53	MP1C	Z	-30.99	3.83
54	MP1C	Mx	-.029	3.83
55	MP5A	X	0	.79
56	MP5A	Z	-32.967	.79
57	MP5A	Mx	0	.79
58	MP5A	X	0	4.79
59	MP5A	Z	-32.967	4.79
60	MP5A	Mx	0	4.79
61	MP5B	X	0	.79
62	MP5B	Z	-19.917	.79
63	MP5B	Mx	.015	.79
64	MP5B	X	0	4.79
65	MP5B	Z	-19.917	4.79
66	MP5B	Mx	.015	4.79
67	MP5C	X	0	.79
68	MP5C	Z	-29.704	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
69	MP5C	Mx	-.011	.79
70	MP5C	X	0	4.79
71	MP5C	Z	-29.704	4.79
72	MP5C	Mx	-.011	4.79
73	M51	X	0	1.63
74	M51	Z	-16.912	1.63
75	M51	Mx	.004	1.63
76	MP4A	X	0	1.29
77	MP4A	Z	-16.408	1.29
78	MP4A	Mx	.004	1.29
79	MP4B	X	0	1.29
80	MP4B	Z	-16.408	1.29
81	MP4B	Mx	.004	1.29
82	MP4C	X	0	1.29
83	MP4C	Z	-16.408	1.29
84	MP4C	Mx	.004	1.29
85	OVP	X	0	.5
86	OVP	Z	-31.722	.5
87	OVP	Mx	0	.5
88	M109	X	0	1.63
89	M109	Z	-16.912	1.63
90	M109	Mx	.004	1.63
91	M80A	X	0	1.63
92	M80A	Z	-16.912	1.63
93	M80A	Mx	.004	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	9.061	.79
2	MP4A	Z	-15.694	.79
3	MP4A	Mx	-.007	.79
4	MP4A	X	9.061	2.79
5	MP4A	Z	-15.694	2.79
6	MP4A	Mx	-.007	2.79
7	MP4B	X	4.676	.79
8	MP4B	Z	-8.099	.79
9	MP4B	Mx	.007	.79
10	MP4B	X	4.676	2.79
11	MP4B	Z	-8.099	2.79
12	MP4B	Mx	.007	2.79
13	MP4C	X	10.346	.79
14	MP4C	Z	-17.92	.79
15	MP4C	Mx	-.003	.79
16	MP4C	X	10.346	2.79
17	MP4C	Z	-17.92	2.79
18	MP4C	Mx	-.003	2.79
19	MP1A	X	16.35	.33
20	MP1A	Z	-28.318	.33
21	MP1A	Mx	-.029	.33
22	MP1A	X	16.35	3.83
23	MP1A	Z	-28.318	3.83
24	MP1A	Mx	-.029	3.83
25	MP1B	X	12.421	.33
26	MP1B	Z	-21.513	.33
27	MP1B	Mx	.019	.33
28	MP1B	X	12.421	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
29	MP1B	Z	-21.513	3.83
30	MP1B	Mx	.019	3.83
31	MP1C	X	17.501	.33
32	MP1C	Z	-30.313	.33
33	MP1C	Mx	.016	.33
34	MP1C	X	17.501	3.83
35	MP1C	Z	-30.313	3.83
36	MP1C	Mx	.016	3.83
37	MP1A	X	16.35	.33
38	MP1A	Z	-28.318	.33
39	MP1A	Mx	.004	.33
40	MP1A	X	16.35	3.83
41	MP1A	Z	-28.318	3.83
42	MP1A	Mx	.004	3.83
43	MP1B	X	12.421	.33
44	MP1B	Z	-21.513	.33
45	MP1B	Mx	.019	.33
46	MP1B	X	12.421	3.83
47	MP1B	Z	-21.513	3.83
48	MP1B	Mx	.019	3.83
49	MP1C	X	17.501	.33
50	MP1C	Z	-30.313	.33
51	MP1C	Mx	-.025	.33
52	MP1C	X	17.501	3.83
53	MP1C	Z	-30.313	3.83
54	MP1C	Mx	-.025	3.83
55	MP5A	X	14.852	.79
56	MP5A	Z	-25.725	.79
57	MP5A	Mx	-.011	.79
58	MP5A	X	14.852	4.79
59	MP5A	Z	-25.725	4.79
60	MP5A	Mx	-.011	4.79
61	MP5B	X	11.59	.79
62	MP5B	Z	-20.074	.79
63	MP5B	Mx	.015	.79
64	MP5B	X	11.59	4.79
65	MP5B	Z	-20.074	4.79
66	MP5B	Mx	.015	4.79
67	MP5C	X	16.483	.79
68	MP5C	Z	-28.55	.79
69	MP5C	Mx	0	.79
70	MP5C	X	16.483	4.79
71	MP5C	Z	-28.55	4.79
72	MP5C	Mx	0	4.79
73	M51	X	7.131	1.63
74	M51	Z	-12.351	1.63
75	M51	Mx	.006	1.63
76	MP4A	X	6.375	1.29
77	MP4A	Z	-11.042	1.29
78	MP4A	Mx	.006	1.29
79	MP4B	X	6.375	1.29
80	MP4B	Z	-11.042	1.29
81	MP4B	Mx	.006	1.29
82	MP4C	X	6.375	1.29
83	MP4C	Z	-11.042	1.29
84	MP4C	Mx	.006	1.29
85	OVP	X	13.261	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
86	OVP	Z	-22.969	.5
87	OVP	Mx	0	.5
88	M109	X	7.131	1.63
89	M109	Z	-12.351	1.63
90	M109	Mx	.006	1.63
91	M80A	X	7.131	1.63
92	M80A	Z	-12.351	1.63
93	M80A	Mx	.006	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	10.631	.79
2	MP4A	Z	-6.138	.79
3	MP4A	Mx	-.008	.79
4	MP4A	X	10.631	2.79
5	MP4A	Z	-6.138	2.79
6	MP4A	Mx	-.008	2.79
7	MP4B	X	10.631	.79
8	MP4B	Z	-6.138	.79
9	MP4B	Mx	.008	.79
10	MP4B	X	10.631	2.79
11	MP4B	Z	-6.138	2.79
12	MP4B	Mx	.008	2.79
13	MP4C	X	17.041	.79
14	MP4C	Z	-9.838	.79
15	MP4C	Mx	.005	.79
16	MP4C	X	17.041	2.79
17	MP4C	Z	-9.838	2.79
18	MP4C	Mx	.005	2.79
19	MP1A	X	23.782	.33
20	MP1A	Z	-13.73	.33
21	MP1A	Mx	-.026	.33
22	MP1A	X	23.782	3.83
23	MP1A	Z	-13.73	3.83
24	MP1A	Mx	-.026	3.83
25	MP1B	X	23.782	.33
26	MP1B	Z	-13.73	.33
27	MP1B	Mx	.01	.33
28	MP1B	X	23.782	3.83
29	MP1B	Z	-13.73	3.83
30	MP1B	Mx	.01	3.83
31	MP1C	X	29.525	.33
32	MP1C	Z	-17.047	.33
33	MP1C	Mx	.027	.33
34	MP1C	X	29.525	3.83
35	MP1C	Z	-17.047	3.83
36	MP1C	Mx	.027	3.83
37	MP1A	X	23.782	.33
38	MP1A	Z	-13.73	.33
39	MP1A	Mx	-.01	.33
40	MP1A	X	23.782	3.83
41	MP1A	Z	-13.73	3.83
42	MP1A	Mx	-.01	3.83
43	MP1B	X	23.782	.33
44	MP1B	Z	-13.73	.33
45	MP1B	Mx	.026	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
46	MP1B	X	23.782	3.83
47	MP1B	Z	-13.73	3.83
48	MP1B	Mx	.026	3.83
49	MP1C	X	29.525	.33
50	MP1C	Z	-17.047	.33
51	MP1C	Mx	-.01	.33
52	MP1C	X	29.525	3.83
53	MP1C	Z	-17.047	3.83
54	MP1C	Mx	-.01	3.83
55	MP5A	X	20.074	.79
56	MP5A	Z	-11.59	.79
57	MP5A	Mx	-.015	.79
58	MP5A	X	20.074	4.79
59	MP5A	Z	-11.59	4.79
60	MP5A	Mx	-.015	4.79
61	MP5B	X	25.725	.79
62	MP5B	Z	-14.852	.79
63	MP5B	Mx	.011	.79
64	MP5B	X	25.725	4.79
65	MP5B	Z	-14.852	4.79
66	MP5B	Mx	.011	4.79
67	MP5C	X	25.725	.79
68	MP5C	Z	-14.852	.79
69	MP5C	Mx	.011	.79
70	MP5C	X	25.725	4.79
71	MP5C	Z	-14.852	4.79
72	MP5C	Mx	.011	4.79
73	M51	X	11.203	1.63
74	M51	Z	-6.468	1.63
75	M51	Mx	.006	1.63
76	MP4A	X	9.458	1.29
77	MP4A	Z	-5.461	1.29
78	MP4A	Mx	.005	1.29
79	MP4B	X	9.458	1.29
80	MP4B	Z	-5.461	1.29
81	MP4B	Mx	.005	1.29
82	MP4C	X	9.458	1.29
83	MP4C	Z	-5.461	1.29
84	MP4C	Mx	.005	1.29
85	OVP	X	20.718	.5
86	OVP	Z	-11.962	.5
87	OVP	Mx	0	.5
88	M109	X	11.203	1.63
89	M109	Z	-6.468	1.63
90	M109	Mx	.006	1.63
91	M80A	X	11.203	1.63
92	M80A	Z	-6.468	1.63
93	M80A	Mx	.006	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	9.352	.79
2	MP4A	Z	0	.79
3	MP4A	Mx	-.007	.79
4	MP4A	X	9.352	2.79
5	MP4A	Z	0	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
6	MP4A	Mx	-.007	2.79
7	MP4B	X	18.121	.79
8	MP4B	Z	0	.79
9	MP4B	Mx	.007	.79
10	MP4B	X	18.121	2.79
11	MP4B	Z	0	2.79
12	MP4B	Mx	.007	2.79
13	MP4C	X	14.183	.79
14	MP4C	Z	0	.79
15	MP4C	Mx	.008	.79
16	MP4C	X	14.183	2.79
17	MP4C	Z	0	2.79
18	MP4C	Mx	.008	2.79
19	MP1A	X	24.841	.33
20	MP1A	Z	0	.33
21	MP1A	Mx	-.019	.33
22	MP1A	X	24.841	3.83
23	MP1A	Z	0	3.83
24	MP1A	Mx	-.019	3.83
25	MP1B	X	32.699	.33
26	MP1B	Z	0	.33
27	MP1B	Mx	-.004	.33
28	MP1B	X	32.699	3.83
29	MP1B	Z	0	3.83
30	MP1B	Mx	-.004	3.83
31	MP1C	X	29.17	.33
32	MP1C	Z	0	.33
33	MP1C	Mx	.028	.33
34	MP1C	X	29.17	3.83
35	MP1C	Z	0	3.83
36	MP1C	Mx	.028	3.83
37	MP1A	X	24.841	.33
38	MP1A	Z	0	.33
39	MP1A	Mx	-.019	.33
40	MP1A	X	24.841	3.83
41	MP1A	Z	0	3.83
42	MP1A	Mx	-.019	3.83
43	MP1B	X	32.699	.33
44	MP1B	Z	0	.33
45	MP1B	Mx	.029	.33
46	MP1B	X	32.699	3.83
47	MP1B	Z	0	3.83
48	MP1B	Mx	.029	3.83
49	MP1C	X	29.17	.33
50	MP1C	Z	0	.33
51	MP1C	Mx	.006	.33
52	MP1C	X	29.17	3.83
53	MP1C	Z	0	3.83
54	MP1C	Mx	.006	3.83
55	MP5A	X	19.917	.79
56	MP5A	Z	0	.79
57	MP5A	Mx	-.015	.79
58	MP5A	X	19.917	4.79
59	MP5A	Z	0	4.79
60	MP5A	Mx	-.015	4.79
61	MP5B	X	32.967	.79
62	MP5B	Z	0	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
63	MP5B	Mx	0	.79
64	MP5B	X	32.967	4.79
65	MP5B	Z	0	4.79
66	MP5B	Mx	0	4.79
67	MP5C	X	23.18	.79
68	MP5C	Z	0	.79
69	MP5C	Mx	.015	.79
70	MP5C	X	23.18	4.79
71	MP5C	Z	0	4.79
72	MP5C	Mx	.015	4.79
73	M51	X	14.261	1.63
74	M51	Z	0	1.63
75	M51	Mx	.006	1.63
76	MP4A	X	12.751	1.29
77	MP4A	Z	0	1.29
78	MP4A	Mx	.006	1.29
79	MP4B	X	12.751	1.29
80	MP4B	Z	0	1.29
81	MP4B	Mx	.006	1.29
82	MP4C	X	12.751	1.29
83	MP4C	Z	0	1.29
84	MP4C	Mx	.006	1.29
85	OVP	X	26.523	.5
86	OVP	Z	0	.5
87	OVP	Mx	0	.5
88	M109	X	14.261	1.63
89	M109	Z	0	1.63
90	M109	Mx	.006	1.63
91	M80A	X	14.261	1.63
92	M80A	Z	0	1.63
93	M80A	Mx	.006	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	10.631	.79
2	MP4A	Z	6.138	.79
3	MP4A	Mx	-.008	.79
4	MP4A	X	10.631	2.79
5	MP4A	Z	6.138	2.79
6	MP4A	Mx	-.008	2.79
7	MP4B	X	18.225	.79
8	MP4B	Z	10.522	.79
9	MP4B	Mx	0	.79
10	MP4B	X	18.225	2.79
11	MP4B	Z	10.522	2.79
12	MP4B	Mx	0	2.79
13	MP4C	X	8.405	.79
14	MP4C	Z	4.852	.79
15	MP4C	Mx	.007	.79
16	MP4C	X	8.405	2.79
17	MP4C	Z	4.852	2.79
18	MP4C	Mx	.007	2.79
19	MP1A	X	23.782	.33
20	MP1A	Z	13.73	.33
21	MP1A	Mx	-.01	.33
22	MP1A	X	23.782	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
23	MP1A	Z	13.73	3.83
24	MP1A	Mx	-.01	3.83
25	MP1B	X	30.587	.33
26	MP1B	Z	17.659	.33
27	MP1B	Mx	-.021	.33
28	MP1B	X	30.587	3.83
29	MP1B	Z	17.659	3.83
30	MP1B	Mx	-.021	3.83
31	MP1C	X	21.787	.33
32	MP1C	Z	12.579	.33
33	MP1C	Mx	.021	.33
34	MP1C	X	21.787	3.83
35	MP1C	Z	12.579	3.83
36	MP1C	Mx	.021	3.83
37	MP1A	X	23.782	.33
38	MP1A	Z	13.73	.33
39	MP1A	Mx	-.026	.33
40	MP1A	X	23.782	3.83
41	MP1A	Z	13.73	3.83
42	MP1A	Mx	-.026	3.83
43	MP1B	X	30.587	.33
44	MP1B	Z	17.659	.33
45	MP1B	Mx	.021	.33
46	MP1B	X	30.587	3.83
47	MP1B	Z	17.659	3.83
48	MP1B	Mx	.021	3.83
49	MP1C	X	21.787	.33
50	MP1C	Z	12.579	.33
51	MP1C	Mx	.016	.33
52	MP1C	X	21.787	3.83
53	MP1C	Z	12.579	3.83
54	MP1C	Mx	.016	3.83
55	MP5A	X	20.074	.79
56	MP5A	Z	11.59	.79
57	MP5A	Mx	-.015	.79
58	MP5A	X	20.074	4.79
59	MP5A	Z	11.59	4.79
60	MP5A	Mx	-.015	4.79
61	MP5B	X	25.725	.79
62	MP5B	Z	14.852	.79
63	MP5B	Mx	-.011	.79
64	MP5B	X	25.725	4.79
65	MP5B	Z	14.852	4.79
66	MP5B	Mx	-.011	4.79
67	MP5C	X	17.249	.79
68	MP5C	Z	9.959	.79
69	MP5C	Mx	.015	.79
70	MP5C	X	17.249	4.79
71	MP5C	Z	9.959	4.79
72	MP5C	Mx	.015	4.79
73	M51	X	14.646	1.63
74	M51	Z	8.456	1.63
75	M51	Mx	.004	1.63
76	MP4A	X	14.21	1.29
77	MP4A	Z	8.204	1.29
78	MP4A	Mx	.004	1.29
79	MP4B	X	14.21	1.29

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
80	MP4B	Z	8.204	1.29
81	MP4B	Mx	.004	1.29
82	MP4C	X	14.21	1.29
83	MP4C	Z	8.204	1.29
84	MP4C	Mx	.004	1.29
85	OVP	X	27.472	.5
86	OVP	Z	15.861	.5
87	OVP	Mx	0	.5
88	M109	X	14.646	1.63
89	M109	Z	8.456	1.63
90	M109	Mx	.004	1.63
91	M80A	X	14.646	1.63
92	M80A	Z	8.456	1.63
93	M80A	Mx	.004	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	9.061	.79
2	MP4A	Z	15.694	.79
3	MP4A	Mx	-.007	.79
4	MP4A	X	9.061	2.79
5	MP4A	Z	15.694	2.79
6	MP4A	Mx	-.007	2.79
7	MP4B	X	9.061	.79
8	MP4B	Z	15.694	.79
9	MP4B	Mx	-.007	.79
10	MP4B	X	9.061	2.79
11	MP4B	Z	15.694	2.79
12	MP4B	Mx	-.007	2.79
13	MP4C	X	5.36	.79
14	MP4C	Z	9.284	.79
15	MP4C	Mx	.008	.79
16	MP4C	X	5.36	2.79
17	MP4C	Z	9.284	2.79
18	MP4C	Mx	.008	2.79
19	MP1A	X	16.35	.33
20	MP1A	Z	28.318	.33
21	MP1A	Mx	.004	.33
22	MP1A	X	16.35	3.83
23	MP1A	Z	28.318	3.83
24	MP1A	Mx	.004	3.83
25	MP1B	X	16.35	.33
26	MP1B	Z	28.318	.33
27	MP1B	Mx	-.029	.33
28	MP1B	X	16.35	3.83
29	MP1B	Z	28.318	3.83
30	MP1B	Mx	-.029	3.83
31	MP1C	X	13.033	.33
32	MP1C	Z	22.575	.33
33	MP1C	Mx	.013	.33
34	MP1C	X	13.033	3.83
35	MP1C	Z	22.575	3.83
36	MP1C	Mx	.013	3.83
37	MP1A	X	16.35	.33
38	MP1A	Z	28.318	.33
39	MP1A	Mx	-.029	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
40	MP1A	X	16.35	3.83
41	MP1A	Z	28.318	3.83
42	MP1A	Mx	-.029	3.83
43	MP1B	X	16.35	.33
44	MP1B	Z	28.318	.33
45	MP1B	Mx	.004	.33
46	MP1B	X	16.35	3.83
47	MP1B	Z	28.318	3.83
48	MP1B	Mx	.004	3.83
49	MP1C	X	13.033	.33
50	MP1C	Z	22.575	.33
51	MP1C	Mx	.024	.33
52	MP1C	X	13.033	3.83
53	MP1C	Z	22.575	3.83
54	MP1C	Mx	.024	3.83
55	MP5A	X	14.852	.79
56	MP5A	Z	25.725	.79
57	MP5A	Mx	-.011	.79
58	MP5A	X	14.852	4.79
59	MP5A	Z	25.725	4.79
60	MP5A	Mx	-.011	4.79
61	MP5B	X	11.59	.79
62	MP5B	Z	20.074	.79
63	MP5B	Mx	-.015	.79
64	MP5B	X	11.59	4.79
65	MP5B	Z	20.074	4.79
66	MP5B	Mx	-.015	4.79
67	MP5C	X	11.59	.79
68	MP5C	Z	20.074	.79
69	MP5C	Mx	.015	.79
70	MP5C	X	11.59	4.79
71	MP5C	Z	20.074	4.79
72	MP5C	Mx	.015	4.79
73	M51	X	9.118	1.63
74	M51	Z	15.794	1.63
75	M51	Mx	0	1.63
76	MP4A	X	9.118	1.29
77	MP4A	Z	15.794	1.29
78	MP4A	Mx	0	1.29
79	MP4B	X	9.118	1.29
80	MP4B	Z	15.794	1.29
81	MP4B	Mx	0	1.29
82	MP4C	X	9.118	1.29
83	MP4C	Z	15.794	1.29
84	MP4C	Mx	0	1.29
85	OVP	X	17.161	.5
86	OVP	Z	29.723	.5
87	OVP	Mx	0	.5
88	M109	X	9.118	1.63
89	M109	Z	15.794	1.63
90	M109	Mx	0	1.63
91	M80A	X	9.118	1.63
92	M80A	Z	15.794	1.63
93	M80A	Mx	0	1.63

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

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	0	.79
2	MP4A	Z	21.044	.79
3	MP4A	Mx	0	.79
4	MP4A	X	0	2.79
5	MP4A	Z	21.044	2.79
6	MP4A	Mx	0	2.79
7	MP4B	X	0	.79
8	MP4B	Z	12.275	.79
9	MP4B	Mx	-.008	.79
10	MP4B	X	0	2.79
11	MP4B	Z	12.275	2.79
12	MP4B	Mx	-.008	2.79
13	MP4C	X	0	.79
14	MP4C	Z	16.213	.79
15	MP4C	Mx	.008	.79
16	MP4C	X	0	2.79
17	MP4C	Z	16.213	2.79
18	MP4C	Mx	.008	2.79
19	MP1A	X	0	.33
20	MP1A	Z	35.319	.33
21	MP1A	Mx	.021	.33
22	MP1A	X	0	3.83
23	MP1A	Z	35.319	3.83
24	MP1A	Mx	.021	3.83
25	MP1B	X	0	.33
26	MP1B	Z	27.461	.33
27	MP1B	Mx	-.026	.33
28	MP1B	X	0	3.83
29	MP1B	Z	27.461	3.83
30	MP1B	Mx	-.026	3.83
31	MP1C	X	0	.33
32	MP1C	Z	30.99	.33
33	MP1C	Mx	.001	.33
34	MP1C	X	0	3.83
35	MP1C	Z	30.99	3.83
36	MP1C	Mx	.001	3.83
37	MP1A	X	0	.33
38	MP1A	Z	35.319	.33
39	MP1A	Mx	-.021	.33
40	MP1A	X	0	3.83
41	MP1A	Z	35.319	3.83
42	MP1A	Mx	-.021	3.83
43	MP1B	X	0	.33
44	MP1B	Z	27.461	.33
45	MP1B	Mx	-.01	.33
46	MP1B	X	0	3.83
47	MP1B	Z	27.461	3.83
48	MP1B	Mx	-.01	3.83
49	MP1C	X	0	.33
50	MP1C	Z	30.99	.33
51	MP1C	Mx	.029	.33
52	MP1C	X	0	3.83
53	MP1C	Z	30.99	3.83
54	MP1C	Mx	.029	3.83
55	MP5A	X	0	.79
56	MP5A	Z	32.967	.79
57	MP5A	Mx	0	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP5A	X	0	4.79
59	MP5A	Z	32.967	4.79
60	MP5A	Mx	0	4.79
61	MP5B	X	0	.79
62	MP5B	Z	19.917	.79
63	MP5B	Mx	-.015	.79
64	MP5B	X	0	4.79
65	MP5B	Z	19.917	4.79
66	MP5B	Mx	-.015	4.79
67	MP5C	X	0	.79
68	MP5C	Z	29.704	.79
69	MP5C	Mx	.011	.79
70	MP5C	X	0	4.79
71	MP5C	Z	29.704	4.79
72	MP5C	Mx	.011	4.79
73	M51	X	0	1.63
74	M51	Z	16.912	1.63
75	M51	Mx	-.004	1.63
76	MP4A	X	0	1.29
77	MP4A	Z	16.408	1.29
78	MP4A	Mx	-.004	1.29
79	MP4B	X	0	1.29
80	MP4B	Z	16.408	1.29
81	MP4B	Mx	-.004	1.29
82	MP4C	X	0	1.29
83	MP4C	Z	16.408	1.29
84	MP4C	Mx	-.004	1.29
85	OVP	X	0	.5
86	OVP	Z	31.722	.5
87	OVP	Mx	0	.5
88	M109	X	0	1.63
89	M109	Z	16.912	1.63
90	M109	Mx	-.004	1.63
91	M80A	X	0	1.63
92	M80A	Z	16.912	1.63
93	M80A	Mx	-.004	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-9.061	.79
2	MP4A	Z	15.694	.79
3	MP4A	Mx	.007	.79
4	MP4A	X	-9.061	2.79
5	MP4A	Z	15.694	2.79
6	MP4A	Mx	.007	2.79
7	MP4B	X	-4.676	.79
8	MP4B	Z	8.099	.79
9	MP4B	Mx	-.007	.79
10	MP4B	X	-4.676	2.79
11	MP4B	Z	8.099	2.79
12	MP4B	Mx	-.007	2.79
13	MP4C	X	-10.346	.79
14	MP4C	Z	17.92	.79
15	MP4C	Mx	.003	.79
16	MP4C	X	-10.346	2.79
17	MP4C	Z	17.92	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
18	MP4C	Mx	.003	2.79
19	MP1A	X	-16.35	.33
20	MP1A	Z	28.318	.33
21	MP1A	Mx	.029	.33
22	MP1A	X	-16.35	3.83
23	MP1A	Z	28.318	3.83
24	MP1A	Mx	.029	3.83
25	MP1B	X	-12.421	.33
26	MP1B	Z	21.513	.33
27	MP1B	Mx	-.019	.33
28	MP1B	X	-12.421	3.83
29	MP1B	Z	21.513	3.83
30	MP1B	Mx	-.019	3.83
31	MP1C	X	-17.501	.33
32	MP1C	Z	30.313	.33
33	MP1C	Mx	-.016	.33
34	MP1C	X	-17.501	3.83
35	MP1C	Z	30.313	3.83
36	MP1C	Mx	-.016	3.83
37	MP1A	X	-16.35	.33
38	MP1A	Z	28.318	.33
39	MP1A	Mx	-.004	.33
40	MP1A	X	-16.35	3.83
41	MP1A	Z	28.318	3.83
42	MP1A	Mx	-.004	3.83
43	MP1B	X	-12.421	.33
44	MP1B	Z	21.513	.33
45	MP1B	Mx	-.019	.33
46	MP1B	X	-12.421	3.83
47	MP1B	Z	21.513	3.83
48	MP1B	Mx	-.019	3.83
49	MP1C	X	-17.501	.33
50	MP1C	Z	30.313	.33
51	MP1C	Mx	.025	.33
52	MP1C	X	-17.501	3.83
53	MP1C	Z	30.313	3.83
54	MP1C	Mx	.025	3.83
55	MP5A	X	-14.852	.79
56	MP5A	Z	25.725	.79
57	MP5A	Mx	.011	.79
58	MP5A	X	-14.852	4.79
59	MP5A	Z	25.725	4.79
60	MP5A	Mx	.011	4.79
61	MP5B	X	-11.59	.79
62	MP5B	Z	20.074	.79
63	MP5B	Mx	-.015	.79
64	MP5B	X	-11.59	4.79
65	MP5B	Z	20.074	4.79
66	MP5B	Mx	-.015	4.79
67	MP5C	X	-16.483	.79
68	MP5C	Z	28.55	.79
69	MP5C	Mx	0	.79
70	MP5C	X	-16.483	4.79
71	MP5C	Z	28.55	4.79
72	MP5C	Mx	0	4.79
73	M51	X	-7.131	1.63
74	M51	Z	12.351	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
75	M51	Mx	-.006	1.63
76	MP4A	X	-6.375	1.29
77	MP4A	Z	11.042	1.29
78	MP4A	Mx	-.006	1.29
79	MP4B	X	-6.375	1.29
80	MP4B	Z	11.042	1.29
81	MP4B	Mx	-.006	1.29
82	MP4C	X	-6.375	1.29
83	MP4C	Z	11.042	1.29
84	MP4C	Mx	-.006	1.29
85	OVP	X	-13.261	.5
86	OVP	Z	22.969	.5
87	OVP	Mx	0	.5
88	M109	X	-7.131	1.63
89	M109	Z	12.351	1.63
90	M109	Mx	-.006	1.63
91	M80A	X	-7.131	1.63
92	M80A	Z	12.351	1.63
93	M80A	Mx	-.006	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-10.631	.79
2	MP4A	Z	6.138	.79
3	MP4A	Mx	.008	.79
4	MP4A	X	-10.631	2.79
5	MP4A	Z	6.138	2.79
6	MP4A	Mx	.008	2.79
7	MP4B	X	-10.631	.79
8	MP4B	Z	6.138	.79
9	MP4B	Mx	-.008	.79
10	MP4B	X	-10.631	2.79
11	MP4B	Z	6.138	2.79
12	MP4B	Mx	-.008	2.79
13	MP4C	X	-17.041	.79
14	MP4C	Z	9.838	.79
15	MP4C	Mx	-.005	.79
16	MP4C	X	-17.041	2.79
17	MP4C	Z	9.838	2.79
18	MP4C	Mx	-.005	2.79
19	MP1A	X	-23.782	.33
20	MP1A	Z	13.73	.33
21	MP1A	Mx	.026	.33
22	MP1A	X	-23.782	3.83
23	MP1A	Z	13.73	3.83
24	MP1A	Mx	.026	3.83
25	MP1B	X	-23.782	.33
26	MP1B	Z	13.73	.33
27	MP1B	Mx	-.01	.33
28	MP1B	X	-23.782	3.83
29	MP1B	Z	13.73	3.83
30	MP1B	Mx	-.01	3.83
31	MP1C	X	-29.525	.33
32	MP1C	Z	17.047	.33
33	MP1C	Mx	-.027	.33
34	MP1C	X	-29.525	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
35	MP1C	Z	17.047	3.83
36	MP1C	Mx	-.027	3.83
37	MP1A	X	-23.782	.33
38	MP1A	Z	13.73	.33
39	MP1A	Mx	.01	.33
40	MP1A	X	-23.782	3.83
41	MP1A	Z	13.73	3.83
42	MP1A	Mx	.01	3.83
43	MP1B	X	-23.782	.33
44	MP1B	Z	13.73	.33
45	MP1B	Mx	-.026	.33
46	MP1B	X	-23.782	3.83
47	MP1B	Z	13.73	3.83
48	MP1B	Mx	-.026	3.83
49	MP1C	X	-29.525	.33
50	MP1C	Z	17.047	.33
51	MP1C	Mx	.01	.33
52	MP1C	X	-29.525	3.83
53	MP1C	Z	17.047	3.83
54	MP1C	Mx	.01	3.83
55	MP5A	X	-20.074	.79
56	MP5A	Z	11.59	.79
57	MP5A	Mx	.015	.79
58	MP5A	X	-20.074	4.79
59	MP5A	Z	11.59	4.79
60	MP5A	Mx	.015	4.79
61	MP5B	X	-25.725	.79
62	MP5B	Z	14.852	.79
63	MP5B	Mx	-.011	.79
64	MP5B	X	-25.725	4.79
65	MP5B	Z	14.852	4.79
66	MP5B	Mx	-.011	4.79
67	MP5C	X	-25.725	.79
68	MP5C	Z	14.852	.79
69	MP5C	Mx	-.011	.79
70	MP5C	X	-25.725	4.79
71	MP5C	Z	14.852	4.79
72	MP5C	Mx	-.011	4.79
73	M51	X	-11.203	1.63
74	M51	Z	6.468	1.63
75	M51	Mx	-.006	1.63
76	MP4A	X	-9.458	1.29
77	MP4A	Z	5.461	1.29
78	MP4A	Mx	-.005	1.29
79	MP4B	X	-9.458	1.29
80	MP4B	Z	5.461	1.29
81	MP4B	Mx	-.005	1.29
82	MP4C	X	-9.458	1.29
83	MP4C	Z	5.461	1.29
84	MP4C	Mx	-.005	1.29
85	OVP	X	-20.718	.5
86	OVP	Z	11.962	.5
87	OVP	Mx	0	.5
88	M109	X	-11.203	1.63
89	M109	Z	6.468	1.63
90	M109	Mx	-.006	1.63
91	M80A	X	-11.203	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
92	M80A	Z	6.468	1.63
93	M80A	Mx	-.006	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-9.352	.79
2	MP4A	Z	0	.79
3	MP4A	Mx	.007	.79
4	MP4A	X	-9.352	2.79
5	MP4A	Z	0	2.79
6	MP4A	Mx	.007	2.79
7	MP4B	X	-18.121	.79
8	MP4B	Z	0	.79
9	MP4B	Mx	-.007	.79
10	MP4B	X	-18.121	2.79
11	MP4B	Z	0	2.79
12	MP4B	Mx	-.007	2.79
13	MP4C	X	-14.183	.79
14	MP4C	Z	0	.79
15	MP4C	Mx	-.008	.79
16	MP4C	X	-14.183	2.79
17	MP4C	Z	0	2.79
18	MP4C	Mx	-.008	2.79
19	MP1A	X	-24.841	.33
20	MP1A	Z	0	.33
21	MP1A	Mx	.019	.33
22	MP1A	X	-24.841	3.83
23	MP1A	Z	0	3.83
24	MP1A	Mx	.019	3.83
25	MP1B	X	-32.699	.33
26	MP1B	Z	0	.33
27	MP1B	Mx	.004	.33
28	MP1B	X	-32.699	3.83
29	MP1B	Z	0	3.83
30	MP1B	Mx	.004	3.83
31	MP1C	X	-29.17	.33
32	MP1C	Z	0	.33
33	MP1C	Mx	-.028	.33
34	MP1C	X	-29.17	3.83
35	MP1C	Z	0	3.83
36	MP1C	Mx	-.028	3.83
37	MP1A	X	-24.841	.33
38	MP1A	Z	0	.33
39	MP1A	Mx	.019	.33
40	MP1A	X	-24.841	3.83
41	MP1A	Z	0	3.83
42	MP1A	Mx	.019	3.83
43	MP1B	X	-32.699	.33
44	MP1B	Z	0	.33
45	MP1B	Mx	-.029	.33
46	MP1B	X	-32.699	3.83
47	MP1B	Z	0	3.83
48	MP1B	Mx	-.029	3.83
49	MP1C	X	-29.17	.33
50	MP1C	Z	0	.33
51	MP1C	Mx	-.006	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
52	MP1C	X	-29.17	3.83
53	MP1C	Z	0	3.83
54	MP1C	Mx	-.006	3.83
55	MP5A	X	-19.917	.79
56	MP5A	Z	0	.79
57	MP5A	Mx	.015	.79
58	MP5A	X	-19.917	4.79
59	MP5A	Z	0	4.79
60	MP5A	Mx	.015	4.79
61	MP5B	X	-32.967	.79
62	MP5B	Z	0	.79
63	MP5B	Mx	0	.79
64	MP5B	X	-32.967	4.79
65	MP5B	Z	0	4.79
66	MP5B	Mx	0	4.79
67	MP5C	X	-23.18	.79
68	MP5C	Z	0	.79
69	MP5C	Mx	-.015	.79
70	MP5C	X	-23.18	4.79
71	MP5C	Z	0	4.79
72	MP5C	Mx	-.015	4.79
73	M51	X	-14.261	1.63
74	M51	Z	0	1.63
75	M51	Mx	-.006	1.63
76	MP4A	X	-12.751	1.29
77	MP4A	Z	0	1.29
78	MP4A	Mx	-.006	1.29
79	MP4B	X	-12.751	1.29
80	MP4B	Z	0	1.29
81	MP4B	Mx	-.006	1.29
82	MP4C	X	-12.751	1.29
83	MP4C	Z	0	1.29
84	MP4C	Mx	-.006	1.29
85	OVP	X	-26.523	.5
86	OVP	Z	0	.5
87	OVP	Mx	0	.5
88	M109	X	-14.261	1.63
89	M109	Z	0	1.63
90	M109	Mx	-.006	1.63
91	M80A	X	-14.261	1.63
92	M80A	Z	0	1.63
93	M80A	Mx	-.006	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-10.631	.79
2	MP4A	Z	-6.138	.79
3	MP4A	Mx	.008	.79
4	MP4A	X	-10.631	2.79
5	MP4A	Z	-6.138	2.79
6	MP4A	Mx	.008	2.79
7	MP4B	X	-18.225	.79
8	MP4B	Z	-10.522	.79
9	MP4B	Mx	0	.79
10	MP4B	X	-18.225	2.79
11	MP4B	Z	-10.522	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
12	MP4B	Mx	0	2.79
13	MP4C	X	-8.405	.79
14	MP4C	Z	-4.852	.79
15	MP4C	Mx	-.007	.79
16	MP4C	X	-8.405	2.79
17	MP4C	Z	-4.852	2.79
18	MP4C	Mx	-.007	2.79
19	MP1A	X	-23.782	.33
20	MP1A	Z	-13.73	.33
21	MP1A	Mx	.01	.33
22	MP1A	X	-23.782	3.83
23	MP1A	Z	-13.73	3.83
24	MP1A	Mx	.01	3.83
25	MP1B	X	-30.587	.33
26	MP1B	Z	-17.659	.33
27	MP1B	Mx	.021	.33
28	MP1B	X	-30.587	3.83
29	MP1B	Z	-17.659	3.83
30	MP1B	Mx	.021	3.83
31	MP1C	X	-21.787	.33
32	MP1C	Z	-12.579	.33
33	MP1C	Mx	-.021	.33
34	MP1C	X	-21.787	3.83
35	MP1C	Z	-12.579	3.83
36	MP1C	Mx	-.021	3.83
37	MP1A	X	-23.782	.33
38	MP1A	Z	-13.73	.33
39	MP1A	Mx	.026	.33
40	MP1A	X	-23.782	3.83
41	MP1A	Z	-13.73	3.83
42	MP1A	Mx	.026	3.83
43	MP1B	X	-30.587	.33
44	MP1B	Z	-17.659	.33
45	MP1B	Mx	-.021	.33
46	MP1B	X	-30.587	3.83
47	MP1B	Z	-17.659	3.83
48	MP1B	Mx	-.021	3.83
49	MP1C	X	-21.787	.33
50	MP1C	Z	-12.579	.33
51	MP1C	Mx	-.016	.33
52	MP1C	X	-21.787	3.83
53	MP1C	Z	-12.579	3.83
54	MP1C	Mx	-.016	3.83
55	MP5A	X	-20.074	.79
56	MP5A	Z	-11.59	.79
57	MP5A	Mx	.015	.79
58	MP5A	X	-20.074	4.79
59	MP5A	Z	-11.59	4.79
60	MP5A	Mx	.015	4.79
61	MP5B	X	-25.725	.79
62	MP5B	Z	-14.852	.79
63	MP5B	Mx	.011	.79
64	MP5B	X	-25.725	4.79
65	MP5B	Z	-14.852	4.79
66	MP5B	Mx	.011	4.79
67	MP5C	X	-17.249	.79
68	MP5C	Z	-9.959	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
69	MP5C	Mx	-.015	.79
70	MP5C	X	-17.249	4.79
71	MP5C	Z	-9.959	4.79
72	MP5C	Mx	-.015	4.79
73	M51	X	-14.646	1.63
74	M51	Z	-8.456	1.63
75	M51	Mx	-.004	1.63
76	MP4A	X	-14.21	1.29
77	MP4A	Z	-8.204	1.29
78	MP4A	Mx	-.004	1.29
79	MP4B	X	-14.21	1.29
80	MP4B	Z	-8.204	1.29
81	MP4B	Mx	-.004	1.29
82	MP4C	X	-14.21	1.29
83	MP4C	Z	-8.204	1.29
84	MP4C	Mx	-.004	1.29
85	OVP	X	-27.472	.5
86	OVP	Z	-15.861	.5
87	OVP	Mx	0	.5
88	M109	X	-14.646	1.63
89	M109	Z	-8.456	1.63
90	M109	Mx	-.004	1.63
91	M80A	X	-14.646	1.63
92	M80A	Z	-8.456	1.63
93	M80A	Mx	-.004	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-9.061	.79
2	MP4A	Z	-15.694	.79
3	MP4A	Mx	.007	.79
4	MP4A	X	-9.061	2.79
5	MP4A	Z	-15.694	2.79
6	MP4A	Mx	.007	2.79
7	MP4B	X	-9.061	.79
8	MP4B	Z	-15.694	.79
9	MP4B	Mx	.007	.79
10	MP4B	X	-9.061	2.79
11	MP4B	Z	-15.694	2.79
12	MP4B	Mx	.007	2.79
13	MP4C	X	-5.36	.79
14	MP4C	Z	-9.284	.79
15	MP4C	Mx	-.008	.79
16	MP4C	X	-5.36	2.79
17	MP4C	Z	-9.284	2.79
18	MP4C	Mx	-.008	2.79
19	MP1A	X	-16.35	.33
20	MP1A	Z	-28.318	.33
21	MP1A	Mx	-.004	.33
22	MP1A	X	-16.35	3.83
23	MP1A	Z	-28.318	3.83
24	MP1A	Mx	-.004	3.83
25	MP1B	X	-16.35	.33
26	MP1B	Z	-28.318	.33
27	MP1B	Mx	.029	.33
28	MP1B	X	-16.35	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
29	MP1B	Z	-28.318	3.83
30	MP1B	Mx	.029	3.83
31	MP1C	X	-13.033	.33
32	MP1C	Z	-22.575	.33
33	MP1C	Mx	-.013	.33
34	MP1C	X	-13.033	3.83
35	MP1C	Z	-22.575	3.83
36	MP1C	Mx	-.013	3.83
37	MP1A	X	-16.35	.33
38	MP1A	Z	-28.318	.33
39	MP1A	Mx	.029	.33
40	MP1A	X	-16.35	3.83
41	MP1A	Z	-28.318	3.83
42	MP1A	Mx	.029	3.83
43	MP1B	X	-16.35	.33
44	MP1B	Z	-28.318	.33
45	MP1B	Mx	-.004	.33
46	MP1B	X	-16.35	3.83
47	MP1B	Z	-28.318	3.83
48	MP1B	Mx	-.004	3.83
49	MP1C	X	-13.033	.33
50	MP1C	Z	-22.575	.33
51	MP1C	Mx	-.024	.33
52	MP1C	X	-13.033	3.83
53	MP1C	Z	-22.575	3.83
54	MP1C	Mx	-.024	3.83
55	MP5A	X	-14.852	.79
56	MP5A	Z	-25.725	.79
57	MP5A	Mx	.011	.79
58	MP5A	X	-14.852	4.79
59	MP5A	Z	-25.725	4.79
60	MP5A	Mx	.011	4.79
61	MP5B	X	-11.59	.79
62	MP5B	Z	-20.074	.79
63	MP5B	Mx	.015	.79
64	MP5B	X	-11.59	4.79
65	MP5B	Z	-20.074	4.79
66	MP5B	Mx	.015	4.79
67	MP5C	X	-11.59	.79
68	MP5C	Z	-20.074	.79
69	MP5C	Mx	-.015	.79
70	MP5C	X	-11.59	4.79
71	MP5C	Z	-20.074	4.79
72	MP5C	Mx	-.015	4.79
73	M51	X	-9.118	1.63
74	M51	Z	-15.794	1.63
75	M51	Mx	0	1.63
76	MP4A	X	-9.118	1.29
77	MP4A	Z	-15.794	1.29
78	MP4A	Mx	0	1.29
79	MP4B	X	-9.118	1.29
80	MP4B	Z	-15.794	1.29
81	MP4B	Mx	0	1.29
82	MP4C	X	-9.118	1.29
83	MP4C	Z	-15.794	1.29
84	MP4C	Mx	0	1.29
85	OVP	X	-17.161	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
86	OVP	Z	-29.723	.5
87	OVP	Mx	0	.5
88	M109	X	-9.118	1.63
89	M109	Z	-15.794	1.63
90	M109	Mx	0	1.63
91	M80A	X	-9.118	1.63
92	M80A	Z	-15.794	1.63
93	M80A	Mx	0	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	0	.79
2	MP4A	Z	-6.32	.79
3	MP4A	Mx	0	.79
4	MP4A	X	0	2.79
5	MP4A	Z	-6.32	2.79
6	MP4A	Mx	0	2.79
7	MP4B	X	0	.79
8	MP4B	Z	-3.436	.79
9	MP4B	Mx	.002	.79
10	MP4B	X	0	2.79
11	MP4B	Z	-3.436	2.79
12	MP4B	Mx	.002	2.79
13	MP4C	X	0	.79
14	MP4C	Z	-4.731	.79
15	MP4C	Mx	-.002	.79
16	MP4C	X	0	2.79
17	MP4C	Z	-4.731	2.79
18	MP4C	Mx	-.002	2.79
19	MP1A	X	0	.33
20	MP1A	Z	-10.973	.33
21	MP1A	Mx	-.006	.33
22	MP1A	X	0	3.83
23	MP1A	Z	-10.973	3.83
24	MP1A	Mx	-.006	3.83
25	MP1B	X	0	.33
26	MP1B	Z	-8.186	.33
27	MP1B	Mx	.008	.33
28	MP1B	X	0	3.83
29	MP1B	Z	-8.186	3.83
30	MP1B	Mx	.008	3.83
31	MP1C	X	0	.33
32	MP1C	Z	-9.437	.33
33	MP1C	Mx	-.000332	.33
34	MP1C	X	0	3.83
35	MP1C	Z	-9.437	3.83
36	MP1C	Mx	-.000332	3.83
37	MP1A	X	0	.33
38	MP1A	Z	-10.973	.33
39	MP1A	Mx	.006	.33
40	MP1A	X	0	3.83
41	MP1A	Z	-10.973	3.83
42	MP1A	Mx	.006	3.83
43	MP1B	X	0	.33
44	MP1B	Z	-8.186	.33
45	MP1B	Mx	.003	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
46	MP1B	X	0	3.83
47	MP1B	Z	-8.186	3.83
48	MP1B	Mx	.003	3.83
49	MP1C	X	0	.33
50	MP1C	Z	-9.437	.33
51	MP1C	Mx	-.009	.33
52	MP1C	X	0	3.83
53	MP1C	Z	-9.437	3.83
54	MP1C	Mx	-.009	3.83
55	MP5A	X	0	.79
56	MP5A	Z	-10.18	.79
57	MP5A	Mx	0	.79
58	MP5A	X	0	4.79
59	MP5A	Z	-10.18	4.79
60	MP5A	Mx	0	4.79
61	MP5B	X	0	.79
62	MP5B	Z	-5.591	.79
63	MP5B	Mx	.004	.79
64	MP5B	X	0	4.79
65	MP5B	Z	-5.591	4.79
66	MP5B	Mx	.004	4.79
67	MP5C	X	0	.79
68	MP5C	Z	-9.033	.79
69	MP5C	Mx	-.003	.79
70	MP5C	X	0	4.79
71	MP5C	Z	-9.033	4.79
72	MP5C	Mx	-.003	4.79
73	M51	X	0	1.63
74	M51	Z	-4.612	1.63
75	M51	Mx	.001	1.63
76	MP4A	X	0	1.29
77	MP4A	Z	-4.453	1.29
78	MP4A	Mx	.001	1.29
79	MP4B	X	0	1.29
80	MP4B	Z	-4.453	1.29
81	MP4B	Mx	.001	1.29
82	MP4C	X	0	1.29
83	MP4C	Z	-4.453	1.29
84	MP4C	Mx	.001	1.29
85	OVP	X	0	.5
86	OVP	Z	-9.331	.5
87	OVP	Mx	0	.5
88	M109	X	0	1.63
89	M109	Z	-4.612	1.63
90	M109	Mx	.001	1.63
91	M80A	X	0	1.63
92	M80A	Z	-4.612	1.63
93	M80A	Mx	.001	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	2.679	.79
2	MP4A	Z	-4.641	.79
3	MP4A	Mx	-.002	.79
4	MP4A	X	2.679	2.79
5	MP4A	Z	-4.641	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
6	MP4A	Mx	-.002	2.79
7	MP4B	X	1.237	.79
8	MP4B	Z	-2.143	.79
9	MP4B	Mx	.002	.79
10	MP4B	X	1.237	2.79
11	MP4B	Z	-2.143	2.79
12	MP4B	Mx	.002	2.79
13	MP4C	X	3.102	.79
14	MP4C	Z	-5.373	.79
15	MP4C	Mx	-.000808	.79
16	MP4C	X	3.102	2.79
17	MP4C	Z	-5.373	2.79
18	MP4C	Mx	-.000808	2.79
19	MP1A	X	5.022	.33
20	MP1A	Z	-8.698	.33
21	MP1A	Mx	-.009	.33
22	MP1A	X	5.022	3.83
23	MP1A	Z	-8.698	3.83
24	MP1A	Mx	-.009	3.83
25	MP1B	X	3.628	.33
26	MP1B	Z	-6.284	.33
27	MP1B	Mx	.005	.33
28	MP1B	X	3.628	3.83
29	MP1B	Z	-6.284	3.83
30	MP1B	Mx	.005	3.83
31	MP1C	X	5.43	.33
32	MP1C	Z	-9.406	.33
33	MP1C	Mx	.005	.33
34	MP1C	X	5.43	3.83
35	MP1C	Z	-9.406	3.83
36	MP1C	Mx	.005	3.83
37	MP1A	X	5.022	.33
38	MP1A	Z	-8.698	.33
39	MP1A	Mx	.001	.33
40	MP1A	X	5.022	3.83
41	MP1A	Z	-8.698	3.83
42	MP1A	Mx	.001	3.83
43	MP1B	X	3.628	.33
44	MP1B	Z	-6.284	.33
45	MP1B	Mx	.005	.33
46	MP1B	X	3.628	3.83
47	MP1B	Z	-6.284	3.83
48	MP1B	Mx	.005	3.83
49	MP1C	X	5.43	.33
50	MP1C	Z	-9.406	.33
51	MP1C	Mx	-.008	.33
52	MP1C	X	5.43	3.83
53	MP1C	Z	-9.406	3.83
54	MP1C	Mx	-.008	3.83
55	MP5A	X	4.516	.79
56	MP5A	Z	-7.822	.79
57	MP5A	Mx	-.003	.79
58	MP5A	X	4.516	4.79
59	MP5A	Z	-7.822	4.79
60	MP5A	Mx	-.003	4.79
61	MP5B	X	3.369	.79
62	MP5B	Z	-5.836	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
63	MP5B	Mx	.004	.79
64	MP5B	X	3.369	4.79
65	MP5B	Z	-5.836	4.79
66	MP5B	Mx	.004	4.79
67	MP5C	X	5.09	.79
68	MP5C	Z	-8.816	.79
69	MP5C	Mx	0	.79
70	MP5C	X	5.09	4.79
71	MP5C	Z	-8.816	4.79
72	MP5C	Mx	0	4.79
73	M51	X	1.889	1.63
74	M51	Z	-3.272	1.63
75	M51	Mx	.002	1.63
76	MP4A	X	1.65	1.29
77	MP4A	Z	-2.858	1.29
78	MP4A	Mx	.001	1.29
79	MP4B	X	1.65	1.29
80	MP4B	Z	-2.858	1.29
81	MP4B	Mx	.001	1.29
82	MP4C	X	1.65	1.29
83	MP4C	Z	-2.858	1.29
84	MP4C	Mx	.001	1.29
85	OVP	X	3.804	.5
86	OVP	Z	-6.589	.5
87	OVP	Mx	0	.5
88	M109	X	1.889	1.63
89	M109	Z	-3.272	1.63
90	M109	Mx	.002	1.63
91	M80A	X	1.889	1.63
92	M80A	Z	-3.272	1.63
93	M80A	Mx	.002	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	2.975	.79
2	MP4A	Z	-1.718	.79
3	MP4A	Mx	-.002	.79
4	MP4A	X	2.975	2.79
5	MP4A	Z	-1.718	2.79
6	MP4A	Mx	-.002	2.79
7	MP4B	X	2.975	.79
8	MP4B	Z	-1.718	.79
9	MP4B	Mx	.002	.79
10	MP4B	X	2.975	2.79
11	MP4B	Z	-1.718	2.79
12	MP4B	Mx	.002	2.79
13	MP4C	X	5.084	.79
14	MP4C	Z	-2.935	.79
15	MP4C	Mx	.002	.79
16	MP4C	X	5.084	2.79
17	MP4C	Z	-2.935	2.79
18	MP4C	Mx	.002	2.79
19	MP1A	X	7.089	.33
20	MP1A	Z	-4.093	.33
21	MP1A	Mx	-.008	.33
22	MP1A	X	7.089	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
23	MP1A	Z	-4.093	3.83
24	MP1A	Mx	-.008	3.83
25	MP1B	X	7.089	.33
26	MP1B	Z	-4.093	.33
27	MP1B	Mx	.003	.33
28	MP1B	X	7.089	3.83
29	MP1B	Z	-4.093	3.83
30	MP1B	Mx	.003	3.83
31	MP1C	X	9.126	.33
32	MP1C	Z	-5.269	.33
33	MP1C	Mx	.008	.33
34	MP1C	X	9.126	3.83
35	MP1C	Z	-5.269	3.83
36	MP1C	Mx	.008	3.83
37	MP1A	X	7.089	.33
38	MP1A	Z	-4.093	.33
39	MP1A	Mx	-.003	.33
40	MP1A	X	7.089	3.83
41	MP1A	Z	-4.093	3.83
42	MP1A	Mx	-.003	3.83
43	MP1B	X	7.089	.33
44	MP1B	Z	-4.093	.33
45	MP1B	Mx	.008	.33
46	MP1B	X	7.089	3.83
47	MP1B	Z	-4.093	3.83
48	MP1B	Mx	.008	3.83
49	MP1C	X	9.126	.33
50	MP1C	Z	-5.269	.33
51	MP1C	Mx	-.003	.33
52	MP1C	X	9.126	3.83
53	MP1C	Z	-5.269	3.83
54	MP1C	Mx	-.003	3.83
55	MP5A	X	5.836	.79
56	MP5A	Z	-3.369	.79
57	MP5A	Mx	-.004	.79
58	MP5A	X	5.836	4.79
59	MP5A	Z	-3.369	4.79
60	MP5A	Mx	-.004	4.79
61	MP5B	X	7.822	.79
62	MP5B	Z	-4.516	.79
63	MP5B	Mx	.003	.79
64	MP5B	X	7.822	4.79
65	MP5B	Z	-4.516	4.79
66	MP5B	Mx	.003	4.79
67	MP5C	X	7.822	.79
68	MP5C	Z	-4.516	.79
69	MP5C	Mx	.003	.79
70	MP5C	X	7.822	4.79
71	MP5C	Z	-4.516	4.79
72	MP5C	Mx	.003	4.79
73	M51	X	2.911	1.63
74	M51	Z	-1.681	1.63
75	M51	Mx	.002	1.63
76	MP4A	X	2.358	1.29
77	MP4A	Z	-1.362	1.29
78	MP4A	Mx	.001	1.29
79	MP4B	X	2.358	1.29

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
80	MP4B	Z	-1.362	1.29
81	MP4B	Mx	.001	1.29
82	MP4C	X	2.358	1.29
83	MP4C	Z	-1.362	1.29
84	MP4C	Mx	.001	1.29
85	OVP	X	5.843	.5
86	OVP	Z	-3.373	.5
87	OVP	Mx	0	.5
88	M109	X	2.911	1.63
89	M109	Z	-1.681	1.63
90	M109	Mx	.002	1.63
91	M80A	X	2.911	1.63
92	M80A	Z	-1.681	1.63
93	M80A	Mx	.002	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	2.474	.79
2	MP4A	Z	0	.79
3	MP4A	Mx	-.002	.79
4	MP4A	X	2.474	2.79
5	MP4A	Z	0	2.79
6	MP4A	Mx	-.002	2.79
7	MP4B	X	5.359	.79
8	MP4B	Z	0	.79
9	MP4B	Mx	.002	.79
10	MP4B	X	5.359	2.79
11	MP4B	Z	0	2.79
12	MP4B	Mx	.002	2.79
13	MP4C	X	4.063	.79
14	MP4C	Z	0	.79
15	MP4C	Mx	.002	.79
16	MP4C	X	4.063	2.79
17	MP4C	Z	0	2.79
18	MP4C	Mx	.002	2.79
19	MP1A	X	7.256	.33
20	MP1A	Z	0	.33
21	MP1A	Mx	-.005	.33
22	MP1A	X	7.256	3.83
23	MP1A	Z	0	3.83
24	MP1A	Mx	-.005	3.83
25	MP1B	X	10.044	.33
26	MP1B	Z	0	.33
27	MP1B	Mx	-.001	.33
28	MP1B	X	10.044	3.83
29	MP1B	Z	0	3.83
30	MP1B	Mx	-.001	3.83
31	MP1C	X	8.792	.33
32	MP1C	Z	0	.33
33	MP1C	Mx	.008	.33
34	MP1C	X	8.792	3.83
35	MP1C	Z	0	3.83
36	MP1C	Mx	.008	3.83
37	MP1A	X	7.256	.33
38	MP1A	Z	0	.33
39	MP1A	Mx	-.005	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
40	MP1A	X	7.256	3.83
41	MP1A	Z	0	3.83
42	MP1A	Mx	-.005	3.83
43	MP1B	X	10.044	.33
44	MP1B	Z	0	.33
45	MP1B	Mx	.009	.33
46	MP1B	X	10.044	3.83
47	MP1B	Z	0	3.83
48	MP1B	Mx	.009	3.83
49	MP1C	X	8.792	.33
50	MP1C	Z	0	.33
51	MP1C	Mx	.002	.33
52	MP1C	X	8.792	3.83
53	MP1C	Z	0	3.83
54	MP1C	Mx	.002	3.83
55	MP5A	X	5.591	.79
56	MP5A	Z	0	.79
57	MP5A	Mx	-.004	.79
58	MP5A	X	5.591	4.79
59	MP5A	Z	0	4.79
60	MP5A	Mx	-.004	4.79
61	MP5B	X	10.18	.79
62	MP5B	Z	0	.79
63	MP5B	Mx	0	.79
64	MP5B	X	10.18	4.79
65	MP5B	Z	0	4.79
66	MP5B	Mx	0	4.79
67	MP5C	X	6.739	.79
68	MP5C	Z	0	.79
69	MP5C	Mx	.004	.79
70	MP5C	X	6.739	4.79
71	MP5C	Z	0	4.79
72	MP5C	Mx	.004	4.79
73	M51	X	3.779	1.63
74	M51	Z	0	1.63
75	M51	Mx	.002	1.63
76	MP4A	X	3.3	1.29
77	MP4A	Z	0	1.29
78	MP4A	Mx	.001	1.29
79	MP4B	X	3.3	1.29
80	MP4B	Z	0	1.29
81	MP4B	Mx	.001	1.29
82	MP4C	X	3.3	1.29
83	MP4C	Z	0	1.29
84	MP4C	Mx	.001	1.29
85	OVP	X	7.608	.5
86	OVP	Z	0	.5
87	OVP	Mx	0	.5
88	M109	X	3.779	1.63
89	M109	Z	0	1.63
90	M109	Mx	.002	1.63
91	M80A	X	3.779	1.63
92	M80A	Z	0	1.63
93	M80A	Mx	.002	1.63

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

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	2.975	.79
2	MP4A	Z	1.718	.79
3	MP4A	Mx	-.002	.79
4	MP4A	X	2.975	2.79
5	MP4A	Z	1.718	2.79
6	MP4A	Mx	-.002	2.79
7	MP4B	X	5.473	.79
8	MP4B	Z	3.16	.79
9	MP4B	Mx	0	.79
10	MP4B	X	5.473	2.79
11	MP4B	Z	3.16	2.79
12	MP4B	Mx	0	2.79
13	MP4C	X	2.243	.79
14	MP4C	Z	1.295	.79
15	MP4C	Mx	.002	.79
16	MP4C	X	2.243	2.79
17	MP4C	Z	1.295	2.79
18	MP4C	Mx	.002	2.79
19	MP1A	X	7.089	.33
20	MP1A	Z	4.093	.33
21	MP1A	Mx	-.003	.33
22	MP1A	X	7.089	3.83
23	MP1A	Z	4.093	3.83
24	MP1A	Mx	-.003	3.83
25	MP1B	X	9.503	.33
26	MP1B	Z	5.486	.33
27	MP1B	Mx	-.006	.33
28	MP1B	X	9.503	3.83
29	MP1B	Z	5.486	3.83
30	MP1B	Mx	-.006	3.83
31	MP1C	X	6.381	.33
32	MP1C	Z	3.684	.33
33	MP1C	Mx	.006	.33
34	MP1C	X	6.381	3.83
35	MP1C	Z	3.684	3.83
36	MP1C	Mx	.006	3.83
37	MP1A	X	7.089	.33
38	MP1A	Z	4.093	.33
39	MP1A	Mx	-.008	.33
40	MP1A	X	7.089	3.83
41	MP1A	Z	4.093	3.83
42	MP1A	Mx	-.008	3.83
43	MP1B	X	9.503	.33
44	MP1B	Z	5.486	.33
45	MP1B	Mx	.006	.33
46	MP1B	X	9.503	3.83
47	MP1B	Z	5.486	3.83
48	MP1B	Mx	.006	3.83
49	MP1C	X	6.381	.33
50	MP1C	Z	3.684	.33
51	MP1C	Mx	.005	.33
52	MP1C	X	6.381	3.83
53	MP1C	Z	3.684	3.83
54	MP1C	Mx	.005	3.83
55	MP5A	X	5.836	.79
56	MP5A	Z	3.369	.79
57	MP5A	Mx	-.004	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP5A	X	5.836	4.79
59	MP5A	Z	3.369	4.79
60	MP5A	Mx	-.004	4.79
61	MP5B	X	7.822	.79
62	MP5B	Z	4.516	.79
63	MP5B	Mx	-.003	.79
64	MP5B	X	7.822	4.79
65	MP5B	Z	4.516	4.79
66	MP5B	Mx	-.003	4.79
67	MP5C	X	4.842	.79
68	MP5C	Z	2.796	.79
69	MP5C	Mx	.004	.79
70	MP5C	X	4.842	4.79
71	MP5C	Z	2.796	4.79
72	MP5C	Mx	.004	4.79
73	M51	X	3.994	1.63
74	M51	Z	2.306	1.63
75	M51	Mx	.001	1.63
76	MP4A	X	3.856	1.29
77	MP4A	Z	2.226	1.29
78	MP4A	Mx	.001	1.29
79	MP4B	X	3.856	1.29
80	MP4B	Z	2.226	1.29
81	MP4B	Mx	.001	1.29
82	MP4C	X	3.856	1.29
83	MP4C	Z	2.226	1.29
84	MP4C	Mx	.001	1.29
85	OVP	X	8.081	.5
86	OVP	Z	4.666	.5
87	OVP	Mx	0	.5
88	M109	X	3.994	1.63
89	M109	Z	2.306	1.63
90	M109	Mx	.001	1.63
91	M80A	X	3.994	1.63
92	M80A	Z	2.306	1.63
93	M80A	Mx	.001	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	2.679	.79
2	MP4A	Z	4.641	.79
3	MP4A	Mx	-.002	.79
4	MP4A	X	2.679	2.79
5	MP4A	Z	4.641	2.79
6	MP4A	Mx	-.002	2.79
7	MP4B	X	2.679	.79
8	MP4B	Z	4.641	.79
9	MP4B	Mx	-.002	.79
10	MP4B	X	2.679	2.79
11	MP4B	Z	4.641	2.79
12	MP4B	Mx	-.002	2.79
13	MP4C	X	1.462	.79
14	MP4C	Z	2.532	.79
15	MP4C	Mx	.002	.79
16	MP4C	X	1.462	2.79
17	MP4C	Z	2.532	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
18	MP4C	Mx	.002	2.79
19	MP1A	X	5.022	.33
20	MP1A	Z	8.698	.33
21	MP1A	Mx	.001	.33
22	MP1A	X	5.022	3.83
23	MP1A	Z	8.698	3.83
24	MP1A	Mx	.001	3.83
25	MP1B	X	5.022	.33
26	MP1B	Z	8.698	.33
27	MP1B	Mx	-.009	.33
28	MP1B	X	5.022	3.83
29	MP1B	Z	8.698	3.83
30	MP1B	Mx	-.009	3.83
31	MP1C	X	3.846	.33
32	MP1C	Z	6.661	.33
33	MP1C	Mx	.004	.33
34	MP1C	X	3.846	3.83
35	MP1C	Z	6.661	3.83
36	MP1C	Mx	.004	3.83
37	MP1A	X	5.022	.33
38	MP1A	Z	8.698	.33
39	MP1A	Mx	-.009	.33
40	MP1A	X	5.022	3.83
41	MP1A	Z	8.698	3.83
42	MP1A	Mx	-.009	3.83
43	MP1B	X	5.022	.33
44	MP1B	Z	8.698	.33
45	MP1B	Mx	.001	.33
46	MP1B	X	5.022	3.83
47	MP1B	Z	8.698	3.83
48	MP1B	Mx	.001	3.83
49	MP1C	X	3.846	.33
50	MP1C	Z	6.661	.33
51	MP1C	Mx	.007	.33
52	MP1C	X	3.846	3.83
53	MP1C	Z	6.661	3.83
54	MP1C	Mx	.007	3.83
55	MP5A	X	4.516	.79
56	MP5A	Z	7.822	.79
57	MP5A	Mx	-.003	.79
58	MP5A	X	4.516	4.79
59	MP5A	Z	7.822	4.79
60	MP5A	Mx	-.003	4.79
61	MP5B	X	3.369	.79
62	MP5B	Z	5.836	.79
63	MP5B	Mx	-.004	.79
64	MP5B	X	3.369	4.79
65	MP5B	Z	5.836	4.79
66	MP5B	Mx	-.004	4.79
67	MP5C	X	3.369	.79
68	MP5C	Z	5.836	.79
69	MP5C	Mx	.004	.79
70	MP5C	X	3.369	4.79
71	MP5C	Z	5.836	4.79
72	MP5C	Mx	.004	4.79
73	M51	X	2.515	1.63
74	M51	Z	4.355	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
75	M51	Mx	0	1.63
76	MP4A	X	2.515	1.29
77	MP4A	Z	4.355	1.29
78	MP4A	Mx	0	1.29
79	MP4B	X	2.515	1.29
80	MP4B	Z	4.355	1.29
81	MP4B	Mx	0	1.29
82	MP4C	X	2.515	1.29
83	MP4C	Z	4.355	1.29
84	MP4C	Mx	0	1.29
85	OVP	X	5.097	.5
86	OVP	Z	8.827	.5
87	OVP	Mx	0	.5
88	M109	X	2.515	1.63
89	M109	Z	4.355	1.63
90	M109	Mx	0	1.63
91	M80A	X	2.515	1.63
92	M80A	Z	4.355	1.63
93	M80A	Mx	0	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	0	.79
2	MP4A	Z	6.32	.79
3	MP4A	Mx	0	.79
4	MP4A	X	0	2.79
5	MP4A	Z	6.32	2.79
6	MP4A	Mx	0	2.79
7	MP4B	X	0	.79
8	MP4B	Z	3.436	.79
9	MP4B	Mx	-.002	.79
10	MP4B	X	0	2.79
11	MP4B	Z	3.436	2.79
12	MP4B	Mx	-.002	2.79
13	MP4C	X	0	.79
14	MP4C	Z	4.731	.79
15	MP4C	Mx	.002	.79
16	MP4C	X	0	2.79
17	MP4C	Z	4.731	2.79
18	MP4C	Mx	.002	2.79
19	MP1A	X	0	.33
20	MP1A	Z	10.973	.33
21	MP1A	Mx	.006	.33
22	MP1A	X	0	3.83
23	MP1A	Z	10.973	3.83
24	MP1A	Mx	.006	3.83
25	MP1B	X	0	.33
26	MP1B	Z	8.186	.33
27	MP1B	Mx	-.008	.33
28	MP1B	X	0	3.83
29	MP1B	Z	8.186	3.83
30	MP1B	Mx	-.008	3.83
31	MP1C	X	0	.33
32	MP1C	Z	9.437	.33
33	MP1C	Mx	.000332	.33
34	MP1C	X	0	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
35	MP1C	Z	9.437	3.83
36	MP1C	Mx	.000332	3.83
37	MP1A	X	0	.33
38	MP1A	Z	10.973	.33
39	MP1A	Mx	-.006	.33
40	MP1A	X	0	3.83
41	MP1A	Z	10.973	3.83
42	MP1A	Mx	-.006	3.83
43	MP1B	X	0	.33
44	MP1B	Z	8.186	.33
45	MP1B	Mx	-.003	.33
46	MP1B	X	0	3.83
47	MP1B	Z	8.186	3.83
48	MP1B	Mx	-.003	3.83
49	MP1C	X	0	.33
50	MP1C	Z	9.437	.33
51	MP1C	Mx	.009	.33
52	MP1C	X	0	3.83
53	MP1C	Z	9.437	3.83
54	MP1C	Mx	.009	3.83
55	MP5A	X	0	.79
56	MP5A	Z	10.18	.79
57	MP5A	Mx	0	.79
58	MP5A	X	0	4.79
59	MP5A	Z	10.18	4.79
60	MP5A	Mx	0	4.79
61	MP5B	X	0	.79
62	MP5B	Z	5.591	.79
63	MP5B	Mx	-.004	.79
64	MP5B	X	0	4.79
65	MP5B	Z	5.591	4.79
66	MP5B	Mx	-.004	4.79
67	MP5C	X	0	.79
68	MP5C	Z	9.033	.79
69	MP5C	Mx	.003	.79
70	MP5C	X	0	4.79
71	MP5C	Z	9.033	4.79
72	MP5C	Mx	.003	4.79
73	M51	X	0	1.63
74	M51	Z	4.612	1.63
75	M51	Mx	-.001	1.63
76	MP4A	X	0	1.29
77	MP4A	Z	4.453	1.29
78	MP4A	Mx	-.001	1.29
79	MP4B	X	0	1.29
80	MP4B	Z	4.453	1.29
81	MP4B	Mx	-.001	1.29
82	MP4C	X	0	1.29
83	MP4C	Z	4.453	1.29
84	MP4C	Mx	-.001	1.29
85	OVP	X	0	.5
86	OVP	Z	9.331	.5
87	OVP	Mx	0	.5
88	M109	X	0	1.63
89	M109	Z	4.612	1.63
90	M109	Mx	-.001	1.63
91	M80A	X	0	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
92	M80A	Z	4.612	1.63
93	M80A	Mx	-.001	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-2.679	.79
2	MP4A	Z	4.641	.79
3	MP4A	Mx	.002	.79
4	MP4A	X	-2.679	2.79
5	MP4A	Z	4.641	2.79
6	MP4A	Mx	.002	2.79
7	MP4B	X	-1.237	.79
8	MP4B	Z	2.143	.79
9	MP4B	Mx	-.002	.79
10	MP4B	X	-1.237	2.79
11	MP4B	Z	2.143	2.79
12	MP4B	Mx	-.002	2.79
13	MP4C	X	-3.102	.79
14	MP4C	Z	5.373	.79
15	MP4C	Mx	.000808	.79
16	MP4C	X	-3.102	2.79
17	MP4C	Z	5.373	2.79
18	MP4C	Mx	.000808	2.79
19	MP1A	X	-5.022	.33
20	MP1A	Z	8.698	.33
21	MP1A	Mx	.009	.33
22	MP1A	X	-5.022	3.83
23	MP1A	Z	8.698	3.83
24	MP1A	Mx	.009	3.83
25	MP1B	X	-3.628	.33
26	MP1B	Z	6.284	.33
27	MP1B	Mx	-.005	.33
28	MP1B	X	-3.628	3.83
29	MP1B	Z	6.284	3.83
30	MP1B	Mx	-.005	3.83
31	MP1C	X	-5.43	.33
32	MP1C	Z	9.406	.33
33	MP1C	Mx	-.005	.33
34	MP1C	X	-5.43	3.83
35	MP1C	Z	9.406	3.83
36	MP1C	Mx	-.005	3.83
37	MP1A	X	-5.022	.33
38	MP1A	Z	8.698	.33
39	MP1A	Mx	-.001	.33
40	MP1A	X	-5.022	3.83
41	MP1A	Z	8.698	3.83
42	MP1A	Mx	-.001	3.83
43	MP1B	X	-3.628	.33
44	MP1B	Z	6.284	.33
45	MP1B	Mx	-.005	.33
46	MP1B	X	-3.628	3.83
47	MP1B	Z	6.284	3.83
48	MP1B	Mx	-.005	3.83
49	MP1C	X	-5.43	.33
50	MP1C	Z	9.406	.33
51	MP1C	Mx	.008	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
52	MP1C	X	-5.43	3.83
53	MP1C	Z	9.406	3.83
54	MP1C	Mx	.008	3.83
55	MP5A	X	-4.516	.79
56	MP5A	Z	7.822	.79
57	MP5A	Mx	.003	.79
58	MP5A	X	-4.516	4.79
59	MP5A	Z	7.822	4.79
60	MP5A	Mx	.003	4.79
61	MP5B	X	-3.369	.79
62	MP5B	Z	5.836	.79
63	MP5B	Mx	-.004	.79
64	MP5B	X	-3.369	4.79
65	MP5B	Z	5.836	4.79
66	MP5B	Mx	-.004	4.79
67	MP5C	X	-5.09	.79
68	MP5C	Z	8.816	.79
69	MP5C	Mx	0	.79
70	MP5C	X	-5.09	4.79
71	MP5C	Z	8.816	4.79
72	MP5C	Mx	0	4.79
73	M51	X	-1.889	1.63
74	M51	Z	3.272	1.63
75	M51	Mx	-.002	1.63
76	MP4A	X	-1.65	1.29
77	MP4A	Z	2.858	1.29
78	MP4A	Mx	-.001	1.29
79	MP4B	X	-1.65	1.29
80	MP4B	Z	2.858	1.29
81	MP4B	Mx	-.001	1.29
82	MP4C	X	-1.65	1.29
83	MP4C	Z	2.858	1.29
84	MP4C	Mx	-.001	1.29
85	OVP	X	-3.804	.5
86	OVP	Z	6.589	.5
87	OVP	Mx	0	.5
88	M109	X	-1.889	1.63
89	M109	Z	3.272	1.63
90	M109	Mx	-.002	1.63
91	M80A	X	-1.889	1.63
92	M80A	Z	3.272	1.63
93	M80A	Mx	-.002	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-2.975	.79
2	MP4A	Z	1.718	.79
3	MP4A	Mx	.002	.79
4	MP4A	X	-2.975	2.79
5	MP4A	Z	1.718	2.79
6	MP4A	Mx	.002	2.79
7	MP4B	X	-2.975	.79
8	MP4B	Z	1.718	.79
9	MP4B	Mx	-.002	.79
10	MP4B	X	-2.975	2.79
11	MP4B	Z	1.718	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
12	MP4B	Mx	-.002	2.79
13	MP4C	X	-5.084	.79
14	MP4C	Z	2.935	.79
15	MP4C	Mx	-.002	.79
16	MP4C	X	-5.084	2.79
17	MP4C	Z	2.935	2.79
18	MP4C	Mx	-.002	2.79
19	MP1A	X	-7.089	.33
20	MP1A	Z	4.093	.33
21	MP1A	Mx	.008	.33
22	MP1A	X	-7.089	3.83
23	MP1A	Z	4.093	3.83
24	MP1A	Mx	.008	3.83
25	MP1B	X	-7.089	.33
26	MP1B	Z	4.093	.33
27	MP1B	Mx	-.003	.33
28	MP1B	X	-7.089	3.83
29	MP1B	Z	4.093	3.83
30	MP1B	Mx	-.003	3.83
31	MP1C	X	-9.126	.33
32	MP1C	Z	5.269	.33
33	MP1C	Mx	-.008	.33
34	MP1C	X	-9.126	3.83
35	MP1C	Z	5.269	3.83
36	MP1C	Mx	-.008	3.83
37	MP1A	X	-7.089	.33
38	MP1A	Z	4.093	.33
39	MP1A	Mx	.003	.33
40	MP1A	X	-7.089	3.83
41	MP1A	Z	4.093	3.83
42	MP1A	Mx	.003	3.83
43	MP1B	X	-7.089	.33
44	MP1B	Z	4.093	.33
45	MP1B	Mx	-.008	.33
46	MP1B	X	-7.089	3.83
47	MP1B	Z	4.093	3.83
48	MP1B	Mx	-.008	3.83
49	MP1C	X	-9.126	.33
50	MP1C	Z	5.269	.33
51	MP1C	Mx	.003	.33
52	MP1C	X	-9.126	3.83
53	MP1C	Z	5.269	3.83
54	MP1C	Mx	.003	3.83
55	MP5A	X	-5.836	.79
56	MP5A	Z	3.369	.79
57	MP5A	Mx	.004	.79
58	MP5A	X	-5.836	4.79
59	MP5A	Z	3.369	4.79
60	MP5A	Mx	.004	4.79
61	MP5B	X	-7.822	.79
62	MP5B	Z	4.516	.79
63	MP5B	Mx	-.003	.79
64	MP5B	X	-7.822	4.79
65	MP5B	Z	4.516	4.79
66	MP5B	Mx	-.003	4.79
67	MP5C	X	-7.822	.79
68	MP5C	Z	4.516	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
69	MP5C	Mx	-.003	.79
70	MP5C	X	-7.822	4.79
71	MP5C	Z	4.516	4.79
72	MP5C	Mx	-.003	4.79
73	M51	X	-2.911	1.63
74	M51	Z	1.681	1.63
75	M51	Mx	-.002	1.63
76	MP4A	X	-2.358	1.29
77	MP4A	Z	1.362	1.29
78	MP4A	Mx	-.001	1.29
79	MP4B	X	-2.358	1.29
80	MP4B	Z	1.362	1.29
81	MP4B	Mx	-.001	1.29
82	MP4C	X	-2.358	1.29
83	MP4C	Z	1.362	1.29
84	MP4C	Mx	-.001	1.29
85	OVP	X	-5.843	.5
86	OVP	Z	3.373	.5
87	OVP	Mx	0	.5
88	M109	X	-2.911	1.63
89	M109	Z	1.681	1.63
90	M109	Mx	-.002	1.63
91	M80A	X	-2.911	1.63
92	M80A	Z	1.681	1.63
93	M80A	Mx	-.002	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-2.474	.79
2	MP4A	Z	0	.79
3	MP4A	Mx	.002	.79
4	MP4A	X	-2.474	2.79
5	MP4A	Z	0	2.79
6	MP4A	Mx	.002	2.79
7	MP4B	X	-5.359	.79
8	MP4B	Z	0	.79
9	MP4B	Mx	-.002	.79
10	MP4B	X	-5.359	2.79
11	MP4B	Z	0	2.79
12	MP4B	Mx	-.002	2.79
13	MP4C	X	-4.063	.79
14	MP4C	Z	0	.79
15	MP4C	Mx	-.002	.79
16	MP4C	X	-4.063	2.79
17	MP4C	Z	0	2.79
18	MP4C	Mx	-.002	2.79
19	MP1A	X	-7.256	.33
20	MP1A	Z	0	.33
21	MP1A	Mx	.005	.33
22	MP1A	X	-7.256	3.83
23	MP1A	Z	0	3.83
24	MP1A	Mx	.005	3.83
25	MP1B	X	-10.044	.33
26	MP1B	Z	0	.33
27	MP1B	Mx	.001	.33
28	MP1B	X	-10.044	3.83

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
29	MP1B	Z	0	3.83
30	MP1B	Mx	.001	3.83
31	MP1C	X	-8.792	.33
32	MP1C	Z	0	.33
33	MP1C	Mx	-.008	.33
34	MP1C	X	-8.792	3.83
35	MP1C	Z	0	3.83
36	MP1C	Mx	-.008	3.83
37	MP1A	X	-7.256	.33
38	MP1A	Z	0	.33
39	MP1A	Mx	.005	.33
40	MP1A	X	-7.256	3.83
41	MP1A	Z	0	3.83
42	MP1A	Mx	.005	3.83
43	MP1B	X	-10.044	.33
44	MP1B	Z	0	.33
45	MP1B	Mx	-.009	.33
46	MP1B	X	-10.044	3.83
47	MP1B	Z	0	3.83
48	MP1B	Mx	-.009	3.83
49	MP1C	X	-8.792	.33
50	MP1C	Z	0	.33
51	MP1C	Mx	-.002	.33
52	MP1C	X	-8.792	3.83
53	MP1C	Z	0	3.83
54	MP1C	Mx	-.002	3.83
55	MP5A	X	-5.591	.79
56	MP5A	Z	0	.79
57	MP5A	Mx	.004	.79
58	MP5A	X	-5.591	4.79
59	MP5A	Z	0	4.79
60	MP5A	Mx	.004	4.79
61	MP5B	X	-10.18	.79
62	MP5B	Z	0	.79
63	MP5B	Mx	0	.79
64	MP5B	X	-10.18	4.79
65	MP5B	Z	0	4.79
66	MP5B	Mx	0	4.79
67	MP5C	X	-6.739	.79
68	MP5C	Z	0	.79
69	MP5C	Mx	-.004	.79
70	MP5C	X	-6.739	4.79
71	MP5C	Z	0	4.79
72	MP5C	Mx	-.004	4.79
73	M51	X	-3.779	1.63
74	M51	Z	0	1.63
75	M51	Mx	-.002	1.63
76	MP4A	X	-3.3	1.29
77	MP4A	Z	0	1.29
78	MP4A	Mx	-.001	1.29
79	MP4B	X	-3.3	1.29
80	MP4B	Z	0	1.29
81	MP4B	Mx	-.001	1.29
82	MP4C	X	-3.3	1.29
83	MP4C	Z	0	1.29
84	MP4C	Mx	-.001	1.29
85	OVP	X	-7.608	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
86	OVP	Z	0	.5
87	OVP	Mx	0	.5
88	M109	X	-3.779	1.63
89	M109	Z	0	1.63
90	M109	Mx	-.002	1.63
91	M80A	X	-3.779	1.63
92	M80A	Z	0	1.63
93	M80A	Mx	-.002	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-2.975	.79
2	MP4A	Z	-1.718	.79
3	MP4A	Mx	.002	.79
4	MP4A	X	-2.975	2.79
5	MP4A	Z	-1.718	2.79
6	MP4A	Mx	.002	2.79
7	MP4B	X	-5.473	.79
8	MP4B	Z	-3.16	.79
9	MP4B	Mx	0	.79
10	MP4B	X	-5.473	2.79
11	MP4B	Z	-3.16	2.79
12	MP4B	Mx	0	2.79
13	MP4C	X	-2.243	.79
14	MP4C	Z	-1.295	.79
15	MP4C	Mx	-.002	.79
16	MP4C	X	-2.243	2.79
17	MP4C	Z	-1.295	2.79
18	MP4C	Mx	-.002	2.79
19	MP1A	X	-7.089	.33
20	MP1A	Z	-4.093	.33
21	MP1A	Mx	.003	.33
22	MP1A	X	-7.089	3.83
23	MP1A	Z	-4.093	3.83
24	MP1A	Mx	.003	3.83
25	MP1B	X	-9.503	.33
26	MP1B	Z	-5.486	.33
27	MP1B	Mx	.006	.33
28	MP1B	X	-9.503	3.83
29	MP1B	Z	-5.486	3.83
30	MP1B	Mx	.006	3.83
31	MP1C	X	-6.381	.33
32	MP1C	Z	-3.684	.33
33	MP1C	Mx	-.006	.33
34	MP1C	X	-6.381	3.83
35	MP1C	Z	-3.684	3.83
36	MP1C	Mx	-.006	3.83
37	MP1A	X	-7.089	.33
38	MP1A	Z	-4.093	.33
39	MP1A	Mx	.008	.33
40	MP1A	X	-7.089	3.83
41	MP1A	Z	-4.093	3.83
42	MP1A	Mx	.008	3.83
43	MP1B	X	-9.503	.33
44	MP1B	Z	-5.486	.33
45	MP1B	Mx	-.006	.33

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
46	MP1B	X	-9.503	3.83
47	MP1B	Z	-5.486	3.83
48	MP1B	Mx	-.006	3.83
49	MP1C	X	-6.381	.33
50	MP1C	Z	-3.684	.33
51	MP1C	Mx	-.005	.33
52	MP1C	X	-6.381	3.83
53	MP1C	Z	-3.684	3.83
54	MP1C	Mx	-.005	3.83
55	MP5A	X	-5.836	.79
56	MP5A	Z	-3.369	.79
57	MP5A	Mx	.004	.79
58	MP5A	X	-5.836	4.79
59	MP5A	Z	-3.369	4.79
60	MP5A	Mx	.004	4.79
61	MP5B	X	-7.822	.79
62	MP5B	Z	-4.516	.79
63	MP5B	Mx	.003	.79
64	MP5B	X	-7.822	4.79
65	MP5B	Z	-4.516	4.79
66	MP5B	Mx	.003	4.79
67	MP5C	X	-4.842	.79
68	MP5C	Z	-2.796	.79
69	MP5C	Mx	-.004	.79
70	MP5C	X	-4.842	4.79
71	MP5C	Z	-2.796	4.79
72	MP5C	Mx	-.004	4.79
73	M51	X	-3.994	1.63
74	M51	Z	-2.306	1.63
75	M51	Mx	-.001	1.63
76	MP4A	X	-3.856	1.29
77	MP4A	Z	-2.226	1.29
78	MP4A	Mx	-.001	1.29
79	MP4B	X	-3.856	1.29
80	MP4B	Z	-2.226	1.29
81	MP4B	Mx	-.001	1.29
82	MP4C	X	-3.856	1.29
83	MP4C	Z	-2.226	1.29
84	MP4C	Mx	-.001	1.29
85	OVP	X	-8.081	.5
86	OVP	Z	-4.666	.5
87	OVP	Mx	0	.5
88	M109	X	-3.994	1.63
89	M109	Z	-2.306	1.63
90	M109	Mx	-.001	1.63
91	M80A	X	-3.994	1.63
92	M80A	Z	-2.306	1.63
93	M80A	Mx	-.001	1.63

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP4A	X	-2.679	.79
2	MP4A	Z	-4.641	.79
3	MP4A	Mx	.002	.79
4	MP4A	X	-2.679	2.79
5	MP4A	Z	-4.641	2.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
6	MP4A	Mx	.002	2.79
7	MP4B	X	-2.679	.79
8	MP4B	Z	-4.641	.79
9	MP4B	Mx	.002	.79
10	MP4B	X	-2.679	2.79
11	MP4B	Z	-4.641	2.79
12	MP4B	Mx	.002	2.79
13	MP4C	X	-1.462	.79
14	MP4C	Z	-2.532	.79
15	MP4C	Mx	-.002	.79
16	MP4C	X	-1.462	2.79
17	MP4C	Z	-2.532	2.79
18	MP4C	Mx	-.002	2.79
19	MP1A	X	-5.022	.33
20	MP1A	Z	-8.698	.33
21	MP1A	Mx	-.001	.33
22	MP1A	X	-5.022	3.83
23	MP1A	Z	-8.698	3.83
24	MP1A	Mx	-.001	3.83
25	MP1B	X	-5.022	.33
26	MP1B	Z	-8.698	.33
27	MP1B	Mx	.009	.33
28	MP1B	X	-5.022	3.83
29	MP1B	Z	-8.698	3.83
30	MP1B	Mx	.009	3.83
31	MP1C	X	-3.846	.33
32	MP1C	Z	-6.661	.33
33	MP1C	Mx	-.004	.33
34	MP1C	X	-3.846	3.83
35	MP1C	Z	-6.661	3.83
36	MP1C	Mx	-.004	3.83
37	MP1A	X	-5.022	.33
38	MP1A	Z	-8.698	.33
39	MP1A	Mx	.009	.33
40	MP1A	X	-5.022	3.83
41	MP1A	Z	-8.698	3.83
42	MP1A	Mx	.009	3.83
43	MP1B	X	-5.022	.33
44	MP1B	Z	-8.698	.33
45	MP1B	Mx	-.001	.33
46	MP1B	X	-5.022	3.83
47	MP1B	Z	-8.698	3.83
48	MP1B	Mx	-.001	3.83
49	MP1C	X	-3.846	.33
50	MP1C	Z	-6.661	.33
51	MP1C	Mx	-.007	.33
52	MP1C	X	-3.846	3.83
53	MP1C	Z	-6.661	3.83
54	MP1C	Mx	-.007	3.83
55	MP5A	X	-4.516	.79
56	MP5A	Z	-7.822	.79
57	MP5A	Mx	.003	.79
58	MP5A	X	-4.516	4.79
59	MP5A	Z	-7.822	4.79
60	MP5A	Mx	.003	4.79
61	MP5B	X	-3.369	.79
62	MP5B	Z	-5.836	.79

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
63	MP5B	Mx	.004	.79
64	MP5B	X	-3.369	4.79
65	MP5B	Z	-5.836	4.79
66	MP5B	Mx	.004	4.79
67	MP5C	X	-3.369	.79
68	MP5C	Z	-5.836	.79
69	MP5C	Mx	-.004	.79
70	MP5C	X	-3.369	4.79
71	MP5C	Z	-5.836	4.79
72	MP5C	Mx	-.004	4.79
73	M51	X	-2.515	1.63
74	M51	Z	-4.355	1.63
75	M51	Mx	0	1.63
76	MP4A	X	-2.515	1.29
77	MP4A	Z	-4.355	1.29
78	MP4A	Mx	0	1.29
79	MP4B	X	-2.515	1.29
80	MP4B	Z	-4.355	1.29
81	MP4B	Mx	0	1.29
82	MP4C	X	-2.515	1.29
83	MP4C	Z	-4.355	1.29
84	MP4C	Mx	0	1.29
85	OVP	X	-5.097	.5
86	OVP	Z	-8.827	.5
87	OVP	Mx	0	.5
88	M109	X	-2.515	1.63
89	M109	Z	-4.355	1.63
90	M109	Mx	0	1.63
91	M80A	X	-2.515	1.63
92	M80A	Z	-4.355	1.63
93	M80A	Mx	0	1.63

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-500	%96

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-500	%33

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-250	%50

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	M73	Y	-14.953	-14.953	0	%100
2	M74	Y	-14.953	-14.953	0	%100
3	M75	Y	-14.953	-14.953	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,%]
4	M76	Y	-15.717	-15.717	0	%100
5	M77	Y	-15.717	-15.717	0	%100
6	M78	Y	-10.12	-10.12	0	%100
7	M79	Y	-10.12	-10.12	0	%100
8	M84	Y	-22.85	-22.85	0	%100
9	M85	Y	-15.717	-15.717	0	%100
10	M86	Y	-15.717	-15.717	0	%100
11	M87	Y	-10.12	-10.12	0	%100
12	M88	Y	-10.12	-10.12	0	%100
13	M93	Y	-22.85	-22.85	0	%100
14	M94	Y	-15.717	-15.717	0	%100
15	M95	Y	-15.717	-15.717	0	%100
16	M96	Y	-10.12	-10.12	0	%100
17	M97	Y	-10.12	-10.12	0	%100
18	M102	Y	-22.85	-22.85	0	%100
19	M103	Y	-12.711	-12.711	0	%100
20	M104	Y	-12.711	-12.711	0	%100
21	M105	Y	-12.711	-12.711	0	%100
22	MP5A	Y	-8.743	-8.743	0	%100
23	MP4A	Y	-8.743	-8.743	0	%100
24	MP3A	Y	-8.743	-8.743	0	%100
25	MP2A	Y	-8.743	-8.743	0	%100
26	M51	Y	-8.743	-8.743	0	%100
27	MP1A	Y	-8.743	-8.743	0	%100
28	M62	Y	-4.758	-4.758	0	%100
29	M63	Y	-4.758	-4.758	0	%100
30	M64	Y	-4.758	-4.758	0	%100
31	M65	Y	-4.758	-4.758	0	%100
32	MP5C	Y	-8.743	-8.743	0	%100
33	MP3C	Y	-8.743	-8.743	0	%100
34	MP2C	Y	-8.743	-8.743	0	%100
35	M80A	Y	-8.743	-8.743	0	%100
36	MP1C	Y	-8.743	-8.743	0	%100
37	M91A	Y	-4.758	-4.758	0	%100
38	M92A	Y	-4.758	-4.758	0	%100
39	M93A	Y	-4.758	-4.758	0	%100
40	M94A	Y	-4.758	-4.758	0	%100
41	MP5B	Y	-8.743	-8.743	0	%100
42	MP3B	Y	-8.743	-8.743	0	%100
43	MP2B	Y	-8.743	-8.743	0	%100
44	M109	Y	-8.743	-8.743	0	%100
45	MP1B	Y	-8.743	-8.743	0	%100
46	M120	Y	-4.758	-4.758	0	%100
47	M121	Y	-4.758	-4.758	0	%100
48	M122	Y	-4.758	-4.758	0	%100
49	M123	Y	-4.758	-4.758	0	%100
50	OVP	Y	-8.743	-8.743	0	%100
51	M129	Y	-16.49	-16.49	0	%100
52	M130A	Y	-16.49	-16.49	0	%100
53	M131	Y	-16.49	-16.49	0	%100
54	MP4C	Y	-8.743	-8.743	0	%100
55	MP4B	Y	-8.743	-8.743	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	M73	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M73	Z	-34.089	-34.089	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	-8.522	-8.522	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	-8.522	-8.522	0	%100
7	M76	X	0	0	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	-24.246	-24.246	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-12.272	-12.272	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-12.272	-12.272	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	-2.045	-2.045	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-12.6	-12.6	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	-6.061	-6.061	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	-3.068	-3.068	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	-3.068	-3.068	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	-.511	-.511	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	-12.6	-12.6	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	-6.061	-6.061	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	-3.068	-3.068	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	-3.068	-3.068	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	-.511	-.511	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	-20.453	-20.453	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	-5.113	-5.113	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	-5.113	-5.113	0	%100
43	MP5A	X	0	0	0	%100
44	MP5A	Z	-9.715	-9.715	0	%100
45	MP4A	X	0	0	0	%100
46	MP4A	Z	-9.715	-9.715	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-9.715	-9.715	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-9.715	-9.715	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	-9.715	-9.715	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-9.715	-9.715	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	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,%]
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	-9.715	-9.715	0	%100
65	MP3C	X	0	0	0	%100
66	MP3C	Z	-9.715	-9.715	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	-9.715	-9.715	0	%100
69	M80A	X	0	0	0	%100
70	M80A	Z	-9.715	-9.715	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	-9.715	-9.715	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	-1.051	-1.051	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	-1.051	-1.051	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	-1.051	-1.051	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	-1.051	-1.051	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	-9.715	-9.715	0	%100
83	MP3B	X	0	0	0	%100
84	MP3B	Z	-9.715	-9.715	0	%100
85	MP2B	X	0	0	0	%100
86	MP2B	Z	-9.715	-9.715	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	-9.715	-9.715	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-9.715	-9.715	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	-1.051	-1.051	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	-1.051	-1.051	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	-1.051	-1.051	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	-1.051	-1.051	0	%100
99	OVP	X	0	0	0	%100
100	OVP	Z	-8.134	-8.134	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	-6.136	-6.136	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	-24.544	-24.544	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	-6.136	-6.136	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	-9.715	-9.715	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	-9.715	-9.715	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	M73	X	12.783	12.783	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,%]
2	M73	Z	-22.141	-22.141	0	%100
3	M74	X	12.783	12.783	0	%100
4	M74	Z	-22.141	-22.141	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	2.1	2.1	0	%100
8	M76	Z	-3.637	-3.637	0	%100
9	M77	X	9.092	9.092	0	%100
10	M77	Z	-15.748	-15.748	0	%100
11	M78	X	4.602	4.602	0	%100
12	M78	Z	-7.971	-7.971	0	%100
13	M79	X	4.602	4.602	0	%100
14	M79	Z	-7.971	-7.971	0	%100
15	M84	X	.767	.767	0	%100
16	M84	Z	-1.328	-1.328	0	%100
17	M85	X	2.1	2.1	0	%100
18	M85	Z	-3.637	-3.637	0	%100
19	M86	X	9.092	9.092	0	%100
20	M86	Z	-15.748	-15.748	0	%100
21	M87	X	4.602	4.602	0	%100
22	M87	Z	-7.971	-7.971	0	%100
23	M88	X	4.602	4.602	0	%100
24	M88	Z	-7.971	-7.971	0	%100
25	M93	X	.767	.767	0	%100
26	M93	Z	-1.328	-1.328	0	%100
27	M94	X	8.4	8.4	0	%100
28	M94	Z	-14.549	-14.549	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	7.67	7.67	0	%100
38	M103	Z	-13.285	-13.285	0	%100
39	M104	X	7.67	7.67	0	%100
40	M104	Z	-13.285	-13.285	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	4.858	4.858	0	%100
44	MP5A	Z	-8.414	-8.414	0	%100
45	MP4A	X	4.858	4.858	0	%100
46	MP4A	Z	-8.414	-8.414	0	%100
47	MP3A	X	4.858	4.858	0	%100
48	MP3A	Z	-8.414	-8.414	0	%100
49	MP2A	X	4.858	4.858	0	%100
50	MP2A	Z	-8.414	-8.414	0	%100
51	M51	X	4.858	4.858	0	%100
52	M51	Z	-8.414	-8.414	0	%100
53	MP1A	X	4.858	4.858	0	%100
54	MP1A	Z	-8.414	-8.414	0	%100
55	M62	X	.175	.175	0	%100
56	M62	Z	-.303	-.303	0	%100
57	M63	X	.175	.175	0	%100
58	M63	Z	-.303	-.303	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,%]
59	M64	X	.175	.175	0	%100
60	M64	Z	-.303	-.303	0	%100
61	M65	X	.175	.175	0	%100
62	M65	Z	-.303	-.303	0	%100
63	MP5C	X	4.858	4.858	0	%100
64	MP5C	Z	-8.414	-8.414	0	%100
65	MP3C	X	4.858	4.858	0	%100
66	MP3C	Z	-8.414	-8.414	0	%100
67	MP2C	X	4.858	4.858	0	%100
68	MP2C	Z	-8.414	-8.414	0	%100
69	M80A	X	4.858	4.858	0	%100
70	M80A	Z	-8.414	-8.414	0	%100
71	MP1C	X	4.858	4.858	0	%100
72	MP1C	Z	-8.414	-8.414	0	%100
73	M91A	X	.175	.175	0	%100
74	M91A	Z	-.303	-.303	0	%100
75	M92A	X	.175	.175	0	%100
76	M92A	Z	-.303	-.303	0	%100
77	M93A	X	.175	.175	0	%100
78	M93A	Z	-.303	-.303	0	%100
79	M94A	X	.175	.175	0	%100
80	M94A	Z	-.303	-.303	0	%100
81	MP5B	X	4.858	4.858	0	%100
82	MP5B	Z	-8.414	-8.414	0	%100
83	MP3B	X	4.858	4.858	0	%100
84	MP3B	Z	-8.414	-8.414	0	%100
85	MP2B	X	4.858	4.858	0	%100
86	MP2B	Z	-8.414	-8.414	0	%100
87	M109	X	4.858	4.858	0	%100
88	M109	Z	-8.414	-8.414	0	%100
89	MP1B	X	4.858	4.858	0	%100
90	MP1B	Z	-8.414	-8.414	0	%100
91	M120	X	.701	.701	0	%100
92	M120	Z	-1.214	-1.214	0	%100
93	M121	X	.701	.701	0	%100
94	M121	Z	-1.214	-1.214	0	%100
95	M122	X	.701	.701	0	%100
96	M122	Z	-1.214	-1.214	0	%100
97	M123	X	.701	.701	0	%100
98	M123	Z	-1.214	-1.214	0	%100
99	OVP	X	4.067	4.067	0	%100
100	OVP	Z	-7.044	-7.044	0	%100
101	M129	X	9.204	9.204	0	%100
102	M129	Z	-15.942	-15.942	0	%100
103	M130A	X	9.204	9.204	0	%100
104	M130A	Z	-15.942	-15.942	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	4.858	4.858	0	%100
108	MP4C	Z	-8.414	-8.414	0	%100
109	MP4B	X	4.858	4.858	0	%100
110	MP4B	Z	-8.414	-8.414	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	M73	X	7.38	7.38	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,%]
2	M73	Z	-4.261	-4.261	0	%100
3	M74	X	29.522	29.522	0	%100
4	M74	Z	-17.044	-17.044	0	%100
5	M75	X	7.38	7.38	0	%100
6	M75	Z	-4.261	-4.261	0	%100
7	M76	X	10.912	10.912	0	%100
8	M76	Z	-6.3	-6.3	0	%100
9	M77	X	5.249	5.249	0	%100
10	M77	Z	-3.031	-3.031	0	%100
11	M78	X	2.657	2.657	0	%100
12	M78	Z	-1.534	-1.534	0	%100
13	M79	X	2.657	2.657	0	%100
14	M79	Z	-1.534	-1.534	0	%100
15	M84	X	.443	.443	0	%100
16	M84	Z	-.256	-.256	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	20.997	20.997	0	%100
20	M86	Z	-12.123	-12.123	0	%100
21	M87	X	10.628	10.628	0	%100
22	M87	Z	-6.136	-6.136	0	%100
23	M88	X	10.628	10.628	0	%100
24	M88	Z	-6.136	-6.136	0	%100
25	M93	X	1.771	1.771	0	%100
26	M93	Z	-1.023	-1.023	0	%100
27	M94	X	10.912	10.912	0	%100
28	M94	Z	-6.3	-6.3	0	%100
29	M95	X	5.249	5.249	0	%100
30	M95	Z	-3.031	-3.031	0	%100
31	M96	X	2.657	2.657	0	%100
32	M96	Z	-1.534	-1.534	0	%100
33	M97	X	2.657	2.657	0	%100
34	M97	Z	-1.534	-1.534	0	%100
35	M102	X	.443	.443	0	%100
36	M102	Z	-.256	-.256	0	%100
37	M103	X	4.428	4.428	0	%100
38	M103	Z	-2.557	-2.557	0	%100
39	M104	X	17.713	17.713	0	%100
40	M104	Z	-10.227	-10.227	0	%100
41	M105	X	4.428	4.428	0	%100
42	M105	Z	-2.557	-2.557	0	%100
43	MP5A	X	8.414	8.414	0	%100
44	MP5A	Z	-4.858	-4.858	0	%100
45	MP4A	X	8.414	8.414	0	%100
46	MP4A	Z	-4.858	-4.858	0	%100
47	MP3A	X	8.414	8.414	0	%100
48	MP3A	Z	-4.858	-4.858	0	%100
49	MP2A	X	8.414	8.414	0	%100
50	MP2A	Z	-4.858	-4.858	0	%100
51	M51	X	8.414	8.414	0	%100
52	M51	Z	-4.858	-4.858	0	%100
53	MP1A	X	8.414	8.414	0	%100
54	MP1A	Z	-4.858	-4.858	0	%100
55	M62	X	.91	.91	0	%100
56	M62	Z	-.526	-.526	0	%100
57	M63	X	.91	.91	0	%100
58	M63	Z	-.526	-.526	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,%]
59	M64	X	.91	.91	0	%100
60	M64	Z	-.526	-.526	0	%100
61	M65	X	.91	.91	0	%100
62	M65	Z	-.526	-.526	0	%100
63	MP5C	X	8.414	8.414	0	%100
64	MP5C	Z	-4.858	-4.858	0	%100
65	MP3C	X	8.414	8.414	0	%100
66	MP3C	Z	-4.858	-4.858	0	%100
67	MP2C	X	8.414	8.414	0	%100
68	MP2C	Z	-4.858	-4.858	0	%100
69	M80A	X	8.414	8.414	0	%100
70	M80A	Z	-4.858	-4.858	0	%100
71	MP1C	X	8.414	8.414	0	%100
72	MP1C	Z	-4.858	-4.858	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	8.414	8.414	0	%100
82	MP5B	Z	-4.858	-4.858	0	%100
83	MP3B	X	8.414	8.414	0	%100
84	MP3B	Z	-4.858	-4.858	0	%100
85	MP2B	X	8.414	8.414	0	%100
86	MP2B	Z	-4.858	-4.858	0	%100
87	M109	X	8.414	8.414	0	%100
88	M109	Z	-4.858	-4.858	0	%100
89	MP1B	X	8.414	8.414	0	%100
90	MP1B	Z	-4.858	-4.858	0	%100
91	M120	X	.91	.91	0	%100
92	M120	Z	-.526	-.526	0	%100
93	M121	X	.91	.91	0	%100
94	M121	Z	-.526	-.526	0	%100
95	M122	X	.91	.91	0	%100
96	M122	Z	-.526	-.526	0	%100
97	M123	X	.91	.91	0	%100
98	M123	Z	-.526	-.526	0	%100
99	OVP	X	7.044	7.044	0	%100
100	OVP	Z	-4.067	-4.067	0	%100
101	M129	X	21.256	21.256	0	%100
102	M129	Z	-12.272	-12.272	0	%100
103	M130A	X	5.314	5.314	0	%100
104	M130A	Z	-3.068	-3.068	0	%100
105	M131	X	5.314	5.314	0	%100
106	M131	Z	-3.068	-3.068	0	%100
107	MP4C	X	8.414	8.414	0	%100
108	MP4C	Z	-4.858	-4.858	0	%100
109	MP4B	X	8.414	8.414	0	%100
110	MP4B	Z	-4.858	-4.858	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	M73	X	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,%]
2	M73	Z	0	0	0	%100
3	M74	X	25.567	25.567	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	25.567	25.567	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	16.8	16.8	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	0	0	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	4.2	4.2	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	18.184	18.184	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	9.204	9.204	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	9.204	9.204	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	1.534	1.534	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	4.2	4.2	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	18.184	18.184	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	9.204	9.204	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	9.204	9.204	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	1.534	1.534	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	0	0	0	%100
39	M104	X	15.34	15.34	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	15.34	15.34	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	9.715	9.715	0	%100
44	MP5A	Z	0	0	0	%100
45	MP4A	X	9.715	9.715	0	%100
46	MP4A	Z	0	0	0	%100
47	MP3A	X	9.715	9.715	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	9.715	9.715	0	%100
50	MP2A	Z	0	0	0	%100
51	M51	X	9.715	9.715	0	%100
52	M51	Z	0	0	0	%100
53	MP1A	X	9.715	9.715	0	%100
54	MP1A	Z	0	0	0	%100
55	M62	X	1.401	1.401	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	1.401	1.401	0	%100
58	M63	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,%]
59	M64	X	1.401	1.401	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	1.401	1.401	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	9.715	9.715	0	%100
64	MP5C	Z	0	0	0	%100
65	MP3C	X	9.715	9.715	0	%100
66	MP3C	Z	0	0	0	%100
67	MP2C	X	9.715	9.715	0	%100
68	MP2C	Z	0	0	0	%100
69	M80A	X	9.715	9.715	0	%100
70	M80A	Z	0	0	0	%100
71	MP1C	X	9.715	9.715	0	%100
72	MP1C	Z	0	0	0	%100
73	M91A	X	.35	.35	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	.35	.35	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	.35	.35	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	.35	.35	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	9.715	9.715	0	%100
82	MP5B	Z	0	0	0	%100
83	MP3B	X	9.715	9.715	0	%100
84	MP3B	Z	0	0	0	%100
85	MP2B	X	9.715	9.715	0	%100
86	MP2B	Z	0	0	0	%100
87	M109	X	9.715	9.715	0	%100
88	M109	Z	0	0	0	%100
89	MP1B	X	9.715	9.715	0	%100
90	MP1B	Z	0	0	0	%100
91	M120	X	.35	.35	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	.35	.35	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	.35	.35	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	.35	.35	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	8.134	8.134	0	%100
100	OVP	Z	0	0	0	%100
101	M129	X	18.408	18.408	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	0	0	0	%100
105	M131	X	18.408	18.408	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	9.715	9.715	0	%100
108	MP4C	Z	0	0	0	%100
109	MP4B	X	9.715	9.715	0	%100
110	MP4B	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	M73	X	7.38	7.38	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,%]
2	M73	Z	4.261	4.261	0	%100
3	M74	X	7.38	7.38	0	%100
4	M74	Z	4.261	4.261	0	%100
5	M75	X	29.522	29.522	0	%100
6	M75	Z	17.044	17.044	0	%100
7	M76	X	10.912	10.912	0	%100
8	M76	Z	6.3	6.3	0	%100
9	M77	X	5.249	5.249	0	%100
10	M77	Z	3.031	3.031	0	%100
11	M78	X	2.657	2.657	0	%100
12	M78	Z	1.534	1.534	0	%100
13	M79	X	2.657	2.657	0	%100
14	M79	Z	1.534	1.534	0	%100
15	M84	X	.443	.443	0	%100
16	M84	Z	.256	.256	0	%100
17	M85	X	10.912	10.912	0	%100
18	M85	Z	6.3	6.3	0	%100
19	M86	X	5.249	5.249	0	%100
20	M86	Z	3.031	3.031	0	%100
21	M87	X	2.657	2.657	0	%100
22	M87	Z	1.534	1.534	0	%100
23	M88	X	2.657	2.657	0	%100
24	M88	Z	1.534	1.534	0	%100
25	M93	X	.443	.443	0	%100
26	M93	Z	.256	.256	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	20.997	20.997	0	%100
30	M95	Z	12.123	12.123	0	%100
31	M96	X	10.628	10.628	0	%100
32	M96	Z	6.136	6.136	0	%100
33	M97	X	10.628	10.628	0	%100
34	M97	Z	6.136	6.136	0	%100
35	M102	X	1.771	1.771	0	%100
36	M102	Z	1.023	1.023	0	%100
37	M103	X	4.428	4.428	0	%100
38	M103	Z	2.557	2.557	0	%100
39	M104	X	4.428	4.428	0	%100
40	M104	Z	2.557	2.557	0	%100
41	M105	X	17.713	17.713	0	%100
42	M105	Z	10.227	10.227	0	%100
43	MP5A	X	8.414	8.414	0	%100
44	MP5A	Z	4.858	4.858	0	%100
45	MP4A	X	8.414	8.414	0	%100
46	MP4A	Z	4.858	4.858	0	%100
47	MP3A	X	8.414	8.414	0	%100
48	MP3A	Z	4.858	4.858	0	%100
49	MP2A	X	8.414	8.414	0	%100
50	MP2A	Z	4.858	4.858	0	%100
51	M51	X	8.414	8.414	0	%100
52	M51	Z	4.858	4.858	0	%100
53	MP1A	X	8.414	8.414	0	%100
54	MP1A	Z	4.858	4.858	0	%100
55	M62	X	.91	.91	0	%100
56	M62	Z	.526	.526	0	%100
57	M63	X	.91	.91	0	%100
58	M63	Z	.526	.526	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,%]
59	M64	X	.91	.91	0	%100
60	M64	Z	.526	.526	0	%100
61	M65	X	.91	.91	0	%100
62	M65	Z	.526	.526	0	%100
63	MP5C	X	8.414	8.414	0	%100
64	MP5C	Z	4.858	4.858	0	%100
65	MP3C	X	8.414	8.414	0	%100
66	MP3C	Z	4.858	4.858	0	%100
67	MP2C	X	8.414	8.414	0	%100
68	MP2C	Z	4.858	4.858	0	%100
69	M80A	X	8.414	8.414	0	%100
70	M80A	Z	4.858	4.858	0	%100
71	MP1C	X	8.414	8.414	0	%100
72	MP1C	Z	4.858	4.858	0	%100
73	M91A	X	.91	.91	0	%100
74	M91A	Z	.526	.526	0	%100
75	M92A	X	.91	.91	0	%100
76	M92A	Z	.526	.526	0	%100
77	M93A	X	.91	.91	0	%100
78	M93A	Z	.526	.526	0	%100
79	M94A	X	.91	.91	0	%100
80	M94A	Z	.526	.526	0	%100
81	MP5B	X	8.414	8.414	0	%100
82	MP5B	Z	4.858	4.858	0	%100
83	MP3B	X	8.414	8.414	0	%100
84	MP3B	Z	4.858	4.858	0	%100
85	MP2B	X	8.414	8.414	0	%100
86	MP2B	Z	4.858	4.858	0	%100
87	M109	X	8.414	8.414	0	%100
88	M109	Z	4.858	4.858	0	%100
89	MP1B	X	8.414	8.414	0	%100
90	MP1B	Z	4.858	4.858	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	7.044	7.044	0	%100
100	OVP	Z	4.067	4.067	0	%100
101	M129	X	5.314	5.314	0	%100
102	M129	Z	3.068	3.068	0	%100
103	M130A	X	5.314	5.314	0	%100
104	M130A	Z	3.068	3.068	0	%100
105	M131	X	21.256	21.256	0	%100
106	M131	Z	12.272	12.272	0	%100
107	MP4C	X	8.414	8.414	0	%100
108	MP4C	Z	4.858	4.858	0	%100
109	MP4B	X	8.414	8.414	0	%100
110	MP4B	Z	4.858	4.858	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	M73	X	12.783	12.783	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,%]
2	M73	Z	22.141	22.141	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	12.783	12.783	0	%100
6	M75	Z	22.141	22.141	0	%100
7	M76	X	2.1	2.1	0	%100
8	M76	Z	3.637	3.637	0	%100
9	M77	X	9.092	9.092	0	%100
10	M77	Z	15.748	15.748	0	%100
11	M78	X	4.602	4.602	0	%100
12	M78	Z	7.971	7.971	0	%100
13	M79	X	4.602	4.602	0	%100
14	M79	Z	7.971	7.971	0	%100
15	M84	X	.767	.767	0	%100
16	M84	Z	1.328	1.328	0	%100
17	M85	X	8.4	8.4	0	%100
18	M85	Z	14.549	14.549	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	2.1	2.1	0	%100
28	M94	Z	3.637	3.637	0	%100
29	M95	X	9.092	9.092	0	%100
30	M95	Z	15.748	15.748	0	%100
31	M96	X	4.602	4.602	0	%100
32	M96	Z	7.971	7.971	0	%100
33	M97	X	4.602	4.602	0	%100
34	M97	Z	7.971	7.971	0	%100
35	M102	X	.767	.767	0	%100
36	M102	Z	1.328	1.328	0	%100
37	M103	X	7.67	7.67	0	%100
38	M103	Z	13.285	13.285	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	7.67	7.67	0	%100
42	M105	Z	13.285	13.285	0	%100
43	MP5A	X	4.858	4.858	0	%100
44	MP5A	Z	8.414	8.414	0	%100
45	MP4A	X	4.858	4.858	0	%100
46	MP4A	Z	8.414	8.414	0	%100
47	MP3A	X	4.858	4.858	0	%100
48	MP3A	Z	8.414	8.414	0	%100
49	MP2A	X	4.858	4.858	0	%100
50	MP2A	Z	8.414	8.414	0	%100
51	M51	X	4.858	4.858	0	%100
52	M51	Z	8.414	8.414	0	%100
53	MP1A	X	4.858	4.858	0	%100
54	MP1A	Z	8.414	8.414	0	%100
55	M62	X	.175	.175	0	%100
56	M62	Z	.303	.303	0	%100
57	M63	X	.175	.175	0	%100
58	M63	Z	.303	.303	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,%]
59	M64	X	.175	.175	0	%100
60	M64	Z	.303	.303	0	%100
61	M65	X	.175	.175	0	%100
62	M65	Z	.303	.303	0	%100
63	MP5C	X	4.858	4.858	0	%100
64	MP5C	Z	8.414	8.414	0	%100
65	MP3C	X	4.858	4.858	0	%100
66	MP3C	Z	8.414	8.414	0	%100
67	MP2C	X	4.858	4.858	0	%100
68	MP2C	Z	8.414	8.414	0	%100
69	M80A	X	4.858	4.858	0	%100
70	M80A	Z	8.414	8.414	0	%100
71	MP1C	X	4.858	4.858	0	%100
72	MP1C	Z	8.414	8.414	0	%100
73	M91A	X	.701	.701	0	%100
74	M91A	Z	1.214	1.214	0	%100
75	M92A	X	.701	.701	0	%100
76	M92A	Z	1.214	1.214	0	%100
77	M93A	X	.701	.701	0	%100
78	M93A	Z	1.214	1.214	0	%100
79	M94A	X	.701	.701	0	%100
80	M94A	Z	1.214	1.214	0	%100
81	MP5B	X	4.858	4.858	0	%100
82	MP5B	Z	8.414	8.414	0	%100
83	MP3B	X	4.858	4.858	0	%100
84	MP3B	Z	8.414	8.414	0	%100
85	MP2B	X	4.858	4.858	0	%100
86	MP2B	Z	8.414	8.414	0	%100
87	M109	X	4.858	4.858	0	%100
88	M109	Z	8.414	8.414	0	%100
89	MP1B	X	4.858	4.858	0	%100
90	MP1B	Z	8.414	8.414	0	%100
91	M120	X	.175	.175	0	%100
92	M120	Z	.303	.303	0	%100
93	M121	X	.175	.175	0	%100
94	M121	Z	.303	.303	0	%100
95	M122	X	.175	.175	0	%100
96	M122	Z	.303	.303	0	%100
97	M123	X	.175	.175	0	%100
98	M123	Z	.303	.303	0	%100
99	OVP	X	4.067	4.067	0	%100
100	OVP	Z	7.044	7.044	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	9.204	9.204	0	%100
104	M130A	Z	15.942	15.942	0	%100
105	M131	X	9.204	9.204	0	%100
106	M131	Z	15.942	15.942	0	%100
107	MP4C	X	4.858	4.858	0	%100
108	MP4C	Z	8.414	8.414	0	%100
109	MP4B	X	4.858	4.858	0	%100
110	MP4B	Z	8.414	8.414	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	M73	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,%]
2	M73	Z	34.089	34.089	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	8.522	8.522	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	8.522	8.522	0	%100
7	M76	X	0	0	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	24.246	24.246	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	12.272	12.272	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	12.272	12.272	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	2.045	2.045	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	12.6	12.6	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	6.061	6.061	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	3.068	3.068	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	3.068	3.068	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	.511	.511	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	12.6	12.6	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	6.061	6.061	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	3.068	3.068	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	3.068	3.068	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	.511	.511	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	20.453	20.453	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	5.113	5.113	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	5.113	5.113	0	%100
43	MP5A	X	0	0	0	%100
44	MP5A	Z	9.715	9.715	0	%100
45	MP4A	X	0	0	0	%100
46	MP4A	Z	9.715	9.715	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	9.715	9.715	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	9.715	9.715	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	9.715	9.715	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	9.715	9.715	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	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,%]
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	9.715	9.715	0	%100
65	MP3C	X	0	0	0	%100
66	MP3C	Z	9.715	9.715	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	9.715	9.715	0	%100
69	M80A	X	0	0	0	%100
70	M80A	Z	9.715	9.715	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	9.715	9.715	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	1.051	1.051	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	1.051	1.051	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	1.051	1.051	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	1.051	1.051	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	9.715	9.715	0	%100
83	MP3B	X	0	0	0	%100
84	MP3B	Z	9.715	9.715	0	%100
85	MP2B	X	0	0	0	%100
86	MP2B	Z	9.715	9.715	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	9.715	9.715	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	9.715	9.715	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	1.051	1.051	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	1.051	1.051	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	1.051	1.051	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	1.051	1.051	0	%100
99	OVP	X	0	0	0	%100
100	OVP	Z	8.134	8.134	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	6.136	6.136	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	24.544	24.544	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	6.136	6.136	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	9.715	9.715	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	9.715	9.715	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	M73	X	-12.783	-12.783	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,%]
2	M73	Z	22.141	22.141	0	%100
3	M74	X	-12.783	-12.783	0	%100
4	M74	Z	22.141	22.141	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	-2.1	-2.1	0	%100
8	M76	Z	3.637	3.637	0	%100
9	M77	X	-9.092	-9.092	0	%100
10	M77	Z	15.748	15.748	0	%100
11	M78	X	-4.602	-4.602	0	%100
12	M78	Z	7.971	7.971	0	%100
13	M79	X	-4.602	-4.602	0	%100
14	M79	Z	7.971	7.971	0	%100
15	M84	X	-.767	-.767	0	%100
16	M84	Z	1.328	1.328	0	%100
17	M85	X	-2.1	-2.1	0	%100
18	M85	Z	3.637	3.637	0	%100
19	M86	X	-9.092	-9.092	0	%100
20	M86	Z	15.748	15.748	0	%100
21	M87	X	-4.602	-4.602	0	%100
22	M87	Z	7.971	7.971	0	%100
23	M88	X	-4.602	-4.602	0	%100
24	M88	Z	7.971	7.971	0	%100
25	M93	X	-.767	-.767	0	%100
26	M93	Z	1.328	1.328	0	%100
27	M94	X	-8.4	-8.4	0	%100
28	M94	Z	14.549	14.549	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	-7.67	-7.67	0	%100
38	M103	Z	13.285	13.285	0	%100
39	M104	X	-7.67	-7.67	0	%100
40	M104	Z	13.285	13.285	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	-4.858	-4.858	0	%100
44	MP5A	Z	8.414	8.414	0	%100
45	MP4A	X	-4.858	-4.858	0	%100
46	MP4A	Z	8.414	8.414	0	%100
47	MP3A	X	-4.858	-4.858	0	%100
48	MP3A	Z	8.414	8.414	0	%100
49	MP2A	X	-4.858	-4.858	0	%100
50	MP2A	Z	8.414	8.414	0	%100
51	M51	X	-4.858	-4.858	0	%100
52	M51	Z	8.414	8.414	0	%100
53	MP1A	X	-4.858	-4.858	0	%100
54	MP1A	Z	8.414	8.414	0	%100
55	M62	X	-.175	-.175	0	%100
56	M62	Z	.303	.303	0	%100
57	M63	X	-.175	-.175	0	%100
58	M63	Z	.303	.303	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,%]
59	M64	X	-.175	-.175	0	%100
60	M64	Z	.303	.303	0	%100
61	M65	X	-.175	-.175	0	%100
62	M65	Z	.303	.303	0	%100
63	MP5C	X	-4.858	-4.858	0	%100
64	MP5C	Z	8.414	8.414	0	%100
65	MP3C	X	-4.858	-4.858	0	%100
66	MP3C	Z	8.414	8.414	0	%100
67	MP2C	X	-4.858	-4.858	0	%100
68	MP2C	Z	8.414	8.414	0	%100
69	M80A	X	-4.858	-4.858	0	%100
70	M80A	Z	8.414	8.414	0	%100
71	MP1C	X	-4.858	-4.858	0	%100
72	MP1C	Z	8.414	8.414	0	%100
73	M91A	X	-.175	-.175	0	%100
74	M91A	Z	.303	.303	0	%100
75	M92A	X	-.175	-.175	0	%100
76	M92A	Z	.303	.303	0	%100
77	M93A	X	-.175	-.175	0	%100
78	M93A	Z	.303	.303	0	%100
79	M94A	X	-.175	-.175	0	%100
80	M94A	Z	.303	.303	0	%100
81	MP5B	X	-4.858	-4.858	0	%100
82	MP5B	Z	8.414	8.414	0	%100
83	MP3B	X	-4.858	-4.858	0	%100
84	MP3B	Z	8.414	8.414	0	%100
85	MP2B	X	-4.858	-4.858	0	%100
86	MP2B	Z	8.414	8.414	0	%100
87	M109	X	-4.858	-4.858	0	%100
88	M109	Z	8.414	8.414	0	%100
89	MP1B	X	-4.858	-4.858	0	%100
90	MP1B	Z	8.414	8.414	0	%100
91	M120	X	-.701	-.701	0	%100
92	M120	Z	1.214	1.214	0	%100
93	M121	X	-.701	-.701	0	%100
94	M121	Z	1.214	1.214	0	%100
95	M122	X	-.701	-.701	0	%100
96	M122	Z	1.214	1.214	0	%100
97	M123	X	-.701	-.701	0	%100
98	M123	Z	1.214	1.214	0	%100
99	OVP	X	-4.067	-4.067	0	%100
100	OVP	Z	7.044	7.044	0	%100
101	M129	X	-9.204	-9.204	0	%100
102	M129	Z	15.942	15.942	0	%100
103	M130A	X	-9.204	-9.204	0	%100
104	M130A	Z	15.942	15.942	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	-4.858	-4.858	0	%100
108	MP4C	Z	8.414	8.414	0	%100
109	MP4B	X	-4.858	-4.858	0	%100
110	MP4B	Z	8.414	8.414	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	M73	X	-7.38	-7.38	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,%]
2	M73	Z	4.261	4.261	0	%100
3	M74	X	-29.522	-29.522	0	%100
4	M74	Z	17.044	17.044	0	%100
5	M75	X	-7.38	-7.38	0	%100
6	M75	Z	4.261	4.261	0	%100
7	M76	X	-10.912	-10.912	0	%100
8	M76	Z	6.3	6.3	0	%100
9	M77	X	-5.249	-5.249	0	%100
10	M77	Z	3.031	3.031	0	%100
11	M78	X	-2.657	-2.657	0	%100
12	M78	Z	1.534	1.534	0	%100
13	M79	X	-2.657	-2.657	0	%100
14	M79	Z	1.534	1.534	0	%100
15	M84	X	-.443	-.443	0	%100
16	M84	Z	.256	.256	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	-20.997	-20.997	0	%100
20	M86	Z	12.123	12.123	0	%100
21	M87	X	-10.628	-10.628	0	%100
22	M87	Z	6.136	6.136	0	%100
23	M88	X	-10.628	-10.628	0	%100
24	M88	Z	6.136	6.136	0	%100
25	M93	X	-1.771	-1.771	0	%100
26	M93	Z	1.023	1.023	0	%100
27	M94	X	-10.912	-10.912	0	%100
28	M94	Z	6.3	6.3	0	%100
29	M95	X	-5.249	-5.249	0	%100
30	M95	Z	3.031	3.031	0	%100
31	M96	X	-2.657	-2.657	0	%100
32	M96	Z	1.534	1.534	0	%100
33	M97	X	-2.657	-2.657	0	%100
34	M97	Z	1.534	1.534	0	%100
35	M102	X	-.443	-.443	0	%100
36	M102	Z	.256	.256	0	%100
37	M103	X	-4.428	-4.428	0	%100
38	M103	Z	2.557	2.557	0	%100
39	M104	X	-17.713	-17.713	0	%100
40	M104	Z	10.227	10.227	0	%100
41	M105	X	-4.428	-4.428	0	%100
42	M105	Z	2.557	2.557	0	%100
43	MP5A	X	-8.414	-8.414	0	%100
44	MP5A	Z	4.858	4.858	0	%100
45	MP4A	X	-8.414	-8.414	0	%100
46	MP4A	Z	4.858	4.858	0	%100
47	MP3A	X	-8.414	-8.414	0	%100
48	MP3A	Z	4.858	4.858	0	%100
49	MP2A	X	-8.414	-8.414	0	%100
50	MP2A	Z	4.858	4.858	0	%100
51	M51	X	-8.414	-8.414	0	%100
52	M51	Z	4.858	4.858	0	%100
53	MP1A	X	-8.414	-8.414	0	%100
54	MP1A	Z	4.858	4.858	0	%100
55	M62	X	-.91	-.91	0	%100
56	M62	Z	.526	.526	0	%100
57	M63	X	-.91	-.91	0	%100
58	M63	Z	.526	.526	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,%]
59	M64	X	-.91	-.91	0	%100
60	M64	Z	.526	.526	0	%100
61	M65	X	-.91	-.91	0	%100
62	M65	Z	.526	.526	0	%100
63	MP5C	X	-8.414	-8.414	0	%100
64	MP5C	Z	4.858	4.858	0	%100
65	MP3C	X	-8.414	-8.414	0	%100
66	MP3C	Z	4.858	4.858	0	%100
67	MP2C	X	-8.414	-8.414	0	%100
68	MP2C	Z	4.858	4.858	0	%100
69	M80A	X	-8.414	-8.414	0	%100
70	M80A	Z	4.858	4.858	0	%100
71	MP1C	X	-8.414	-8.414	0	%100
72	MP1C	Z	4.858	4.858	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	-8.414	-8.414	0	%100
82	MP5B	Z	4.858	4.858	0	%100
83	MP3B	X	-8.414	-8.414	0	%100
84	MP3B	Z	4.858	4.858	0	%100
85	MP2B	X	-8.414	-8.414	0	%100
86	MP2B	Z	4.858	4.858	0	%100
87	M109	X	-8.414	-8.414	0	%100
88	M109	Z	4.858	4.858	0	%100
89	MP1B	X	-8.414	-8.414	0	%100
90	MP1B	Z	4.858	4.858	0	%100
91	M120	X	-.91	-.91	0	%100
92	M120	Z	.526	.526	0	%100
93	M121	X	-.91	-.91	0	%100
94	M121	Z	.526	.526	0	%100
95	M122	X	-.91	-.91	0	%100
96	M122	Z	.526	.526	0	%100
97	M123	X	-.91	-.91	0	%100
98	M123	Z	.526	.526	0	%100
99	OVP	X	-7.044	-7.044	0	%100
100	OVP	Z	4.067	4.067	0	%100
101	M129	X	-21.256	-21.256	0	%100
102	M129	Z	12.272	12.272	0	%100
103	M130A	X	-5.314	-5.314	0	%100
104	M130A	Z	3.068	3.068	0	%100
105	M131	X	-5.314	-5.314	0	%100
106	M131	Z	3.068	3.068	0	%100
107	MP4C	X	-8.414	-8.414	0	%100
108	MP4C	Z	4.858	4.858	0	%100
109	MP4B	X	-8.414	-8.414	0	%100
110	MP4B	Z	4.858	4.858	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	M73	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,%]
2	M73	Z	0	0	0	%100
3	M74	X	-25.567	-25.567	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	-25.567	-25.567	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	-16.8	-16.8	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	0	0	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-4.2	-4.2	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	-18.184	-18.184	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-9.204	-9.204	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	-9.204	-9.204	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	-1.534	-1.534	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	-4.2	-4.2	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	-18.184	-18.184	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	-9.204	-9.204	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	-9.204	-9.204	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	-1.534	-1.534	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	0	0	0	%100
39	M104	X	-15.34	-15.34	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	-15.34	-15.34	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	-9.715	-9.715	0	%100
44	MP5A	Z	0	0	0	%100
45	MP4A	X	-9.715	-9.715	0	%100
46	MP4A	Z	0	0	0	%100
47	MP3A	X	-9.715	-9.715	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	-9.715	-9.715	0	%100
50	MP2A	Z	0	0	0	%100
51	M51	X	-9.715	-9.715	0	%100
52	M51	Z	0	0	0	%100
53	MP1A	X	-9.715	-9.715	0	%100
54	MP1A	Z	0	0	0	%100
55	M62	X	-1.401	-1.401	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	-1.401	-1.401	0	%100
58	M63	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,%]
59	M64	X	-1.401	-1.401	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	-1.401	-1.401	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	-9.715	-9.715	0	%100
64	MP5C	Z	0	0	0	%100
65	MP3C	X	-9.715	-9.715	0	%100
66	MP3C	Z	0	0	0	%100
67	MP2C	X	-9.715	-9.715	0	%100
68	MP2C	Z	0	0	0	%100
69	M80A	X	-9.715	-9.715	0	%100
70	M80A	Z	0	0	0	%100
71	MP1C	X	-9.715	-9.715	0	%100
72	MP1C	Z	0	0	0	%100
73	M91A	X	-.35	-.35	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	-.35	-.35	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	-.35	-.35	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	-.35	-.35	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	-9.715	-9.715	0	%100
82	MP5B	Z	0	0	0	%100
83	MP3B	X	-9.715	-9.715	0	%100
84	MP3B	Z	0	0	0	%100
85	MP2B	X	-9.715	-9.715	0	%100
86	MP2B	Z	0	0	0	%100
87	M109	X	-9.715	-9.715	0	%100
88	M109	Z	0	0	0	%100
89	MP1B	X	-9.715	-9.715	0	%100
90	MP1B	Z	0	0	0	%100
91	M120	X	-.35	-.35	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	-.35	-.35	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-.35	-.35	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	-.35	-.35	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	-8.134	-8.134	0	%100
100	OVP	Z	0	0	0	%100
101	M129	X	-18.408	-18.408	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	0	0	0	%100
105	M131	X	-18.408	-18.408	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	-9.715	-9.715	0	%100
108	MP4C	Z	0	0	0	%100
109	MP4B	X	-9.715	-9.715	0	%100
110	MP4B	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	M73	X	-7.38	-7.38	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M73	Z	-4.261	-4.261	0	%100
3	M74	X	-7.38	-7.38	0	%100
4	M74	Z	-4.261	-4.261	0	%100
5	M75	X	-29.522	-29.522	0	%100
6	M75	Z	-17.044	-17.044	0	%100
7	M76	X	-10.912	-10.912	0	%100
8	M76	Z	-6.3	-6.3	0	%100
9	M77	X	-5.249	-5.249	0	%100
10	M77	Z	-3.031	-3.031	0	%100
11	M78	X	-2.657	-2.657	0	%100
12	M78	Z	-1.534	-1.534	0	%100
13	M79	X	-2.657	-2.657	0	%100
14	M79	Z	-1.534	-1.534	0	%100
15	M84	X	-.443	-.443	0	%100
16	M84	Z	-.256	-.256	0	%100
17	M85	X	-10.912	-10.912	0	%100
18	M85	Z	-6.3	-6.3	0	%100
19	M86	X	-5.249	-5.249	0	%100
20	M86	Z	-3.031	-3.031	0	%100
21	M87	X	-2.657	-2.657	0	%100
22	M87	Z	-1.534	-1.534	0	%100
23	M88	X	-2.657	-2.657	0	%100
24	M88	Z	-1.534	-1.534	0	%100
25	M93	X	-.443	-.443	0	%100
26	M93	Z	-.256	-.256	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	-20.997	-20.997	0	%100
30	M95	Z	-12.123	-12.123	0	%100
31	M96	X	-10.628	-10.628	0	%100
32	M96	Z	-6.136	-6.136	0	%100
33	M97	X	-10.628	-10.628	0	%100
34	M97	Z	-6.136	-6.136	0	%100
35	M102	X	-1.771	-1.771	0	%100
36	M102	Z	-1.023	-1.023	0	%100
37	M103	X	-4.428	-4.428	0	%100
38	M103	Z	-2.557	-2.557	0	%100
39	M104	X	-4.428	-4.428	0	%100
40	M104	Z	-2.557	-2.557	0	%100
41	M105	X	-17.713	-17.713	0	%100
42	M105	Z	-10.227	-10.227	0	%100
43	MP5A	X	-8.414	-8.414	0	%100
44	MP5A	Z	-4.858	-4.858	0	%100
45	MP4A	X	-8.414	-8.414	0	%100
46	MP4A	Z	-4.858	-4.858	0	%100
47	MP3A	X	-8.414	-8.414	0	%100
48	MP3A	Z	-4.858	-4.858	0	%100
49	MP2A	X	-8.414	-8.414	0	%100
50	MP2A	Z	-4.858	-4.858	0	%100
51	M51	X	-8.414	-8.414	0	%100
52	M51	Z	-4.858	-4.858	0	%100
53	MP1A	X	-8.414	-8.414	0	%100
54	MP1A	Z	-4.858	-4.858	0	%100
55	M62	X	-.91	-.91	0	%100
56	M62	Z	-.526	-.526	0	%100
57	M63	X	-.91	-.91	0	%100
58	M63	Z	-.526	-.526	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M64	X	-.91	-.91	0	%100
60	M64	Z	-.526	-.526	0	%100
61	M65	X	-.91	-.91	0	%100
62	M65	Z	-.526	-.526	0	%100
63	MP5C	X	-8.414	-8.414	0	%100
64	MP5C	Z	-4.858	-4.858	0	%100
65	MP3C	X	-8.414	-8.414	0	%100
66	MP3C	Z	-4.858	-4.858	0	%100
67	MP2C	X	-8.414	-8.414	0	%100
68	MP2C	Z	-4.858	-4.858	0	%100
69	M80A	X	-8.414	-8.414	0	%100
70	M80A	Z	-4.858	-4.858	0	%100
71	MP1C	X	-8.414	-8.414	0	%100
72	MP1C	Z	-4.858	-4.858	0	%100
73	M91A	X	-.91	-.91	0	%100
74	M91A	Z	-.526	-.526	0	%100
75	M92A	X	-.91	-.91	0	%100
76	M92A	Z	-.526	-.526	0	%100
77	M93A	X	-.91	-.91	0	%100
78	M93A	Z	-.526	-.526	0	%100
79	M94A	X	-.91	-.91	0	%100
80	M94A	Z	-.526	-.526	0	%100
81	MP5B	X	-8.414	-8.414	0	%100
82	MP5B	Z	-4.858	-4.858	0	%100
83	MP3B	X	-8.414	-8.414	0	%100
84	MP3B	Z	-4.858	-4.858	0	%100
85	MP2B	X	-8.414	-8.414	0	%100
86	MP2B	Z	-4.858	-4.858	0	%100
87	M109	X	-8.414	-8.414	0	%100
88	M109	Z	-4.858	-4.858	0	%100
89	MP1B	X	-8.414	-8.414	0	%100
90	MP1B	Z	-4.858	-4.858	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	-7.044	-7.044	0	%100
100	OVP	Z	-4.067	-4.067	0	%100
101	M129	X	-5.314	-5.314	0	%100
102	M129	Z	-3.068	-3.068	0	%100
103	M130A	X	-5.314	-5.314	0	%100
104	M130A	Z	-3.068	-3.068	0	%100
105	M131	X	-21.256	-21.256	0	%100
106	M131	Z	-12.272	-12.272	0	%100
107	MP4C	X	-8.414	-8.414	0	%100
108	MP4C	Z	-4.858	-4.858	0	%100
109	MP4B	X	-8.414	-8.414	0	%100
110	MP4B	Z	-4.858	-4.858	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	M73	X	-12.783	-12.783	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,%]
2	M73	Z	-22.141	-22.141	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	-12.783	-12.783	0	%100
6	M75	Z	-22.141	-22.141	0	%100
7	M76	X	-2.1	-2.1	0	%100
8	M76	Z	-3.637	-3.637	0	%100
9	M77	X	-9.092	-9.092	0	%100
10	M77	Z	-15.748	-15.748	0	%100
11	M78	X	-4.602	-4.602	0	%100
12	M78	Z	-7.971	-7.971	0	%100
13	M79	X	-4.602	-4.602	0	%100
14	M79	Z	-7.971	-7.971	0	%100
15	M84	X	-.767	-.767	0	%100
16	M84	Z	-1.328	-1.328	0	%100
17	M85	X	-8.4	-8.4	0	%100
18	M85	Z	-14.549	-14.549	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	-2.1	-2.1	0	%100
28	M94	Z	-3.637	-3.637	0	%100
29	M95	X	-9.092	-9.092	0	%100
30	M95	Z	-15.748	-15.748	0	%100
31	M96	X	-4.602	-4.602	0	%100
32	M96	Z	-7.971	-7.971	0	%100
33	M97	X	-4.602	-4.602	0	%100
34	M97	Z	-7.971	-7.971	0	%100
35	M102	X	-.767	-.767	0	%100
36	M102	Z	-1.328	-1.328	0	%100
37	M103	X	-7.67	-7.67	0	%100
38	M103	Z	-13.285	-13.285	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	-7.67	-7.67	0	%100
42	M105	Z	-13.285	-13.285	0	%100
43	MP5A	X	-4.858	-4.858	0	%100
44	MP5A	Z	-8.414	-8.414	0	%100
45	MP4A	X	-4.858	-4.858	0	%100
46	MP4A	Z	-8.414	-8.414	0	%100
47	MP3A	X	-4.858	-4.858	0	%100
48	MP3A	Z	-8.414	-8.414	0	%100
49	MP2A	X	-4.858	-4.858	0	%100
50	MP2A	Z	-8.414	-8.414	0	%100
51	M51	X	-4.858	-4.858	0	%100
52	M51	Z	-8.414	-8.414	0	%100
53	MP1A	X	-4.858	-4.858	0	%100
54	MP1A	Z	-8.414	-8.414	0	%100
55	M62	X	-.175	-.175	0	%100
56	M62	Z	-.303	-.303	0	%100
57	M63	X	-.175	-.175	0	%100
58	M63	Z	-.303	-.303	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,%]
59	M64	X	-.175	-.175	0	%100
60	M64	Z	-.303	-.303	0	%100
61	M65	X	-.175	-.175	0	%100
62	M65	Z	-.303	-.303	0	%100
63	MP5C	X	-4.858	-4.858	0	%100
64	MP5C	Z	-8.414	-8.414	0	%100
65	MP3C	X	-4.858	-4.858	0	%100
66	MP3C	Z	-8.414	-8.414	0	%100
67	MP2C	X	-4.858	-4.858	0	%100
68	MP2C	Z	-8.414	-8.414	0	%100
69	M80A	X	-4.858	-4.858	0	%100
70	M80A	Z	-8.414	-8.414	0	%100
71	MP1C	X	-4.858	-4.858	0	%100
72	MP1C	Z	-8.414	-8.414	0	%100
73	M91A	X	-.701	-.701	0	%100
74	M91A	Z	-1.214	-1.214	0	%100
75	M92A	X	-.701	-.701	0	%100
76	M92A	Z	-1.214	-1.214	0	%100
77	M93A	X	-.701	-.701	0	%100
78	M93A	Z	-1.214	-1.214	0	%100
79	M94A	X	-.701	-.701	0	%100
80	M94A	Z	-1.214	-1.214	0	%100
81	MP5B	X	-4.858	-4.858	0	%100
82	MP5B	Z	-8.414	-8.414	0	%100
83	MP3B	X	-4.858	-4.858	0	%100
84	MP3B	Z	-8.414	-8.414	0	%100
85	MP2B	X	-4.858	-4.858	0	%100
86	MP2B	Z	-8.414	-8.414	0	%100
87	M109	X	-4.858	-4.858	0	%100
88	M109	Z	-8.414	-8.414	0	%100
89	MP1B	X	-4.858	-4.858	0	%100
90	MP1B	Z	-8.414	-8.414	0	%100
91	M120	X	-.175	-.175	0	%100
92	M120	Z	-.303	-.303	0	%100
93	M121	X	-.175	-.175	0	%100
94	M121	Z	-.303	-.303	0	%100
95	M122	X	-.175	-.175	0	%100
96	M122	Z	-.303	-.303	0	%100
97	M123	X	-.175	-.175	0	%100
98	M123	Z	-.303	-.303	0	%100
99	OVP	X	-4.067	-4.067	0	%100
100	OVP	Z	-7.044	-7.044	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	-9.204	-9.204	0	%100
104	M130A	Z	-15.942	-15.942	0	%100
105	M131	X	-9.204	-9.204	0	%100
106	M131	Z	-15.942	-15.942	0	%100
107	MP4C	X	-4.858	-4.858	0	%100
108	MP4C	Z	-8.414	-8.414	0	%100
109	MP4B	X	-4.858	-4.858	0	%100
110	MP4B	Z	-8.414	-8.414	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	M73	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,%]
2	M73	Z	-8.824	-8.824	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	-2.206	-2.206	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	-2.206	-2.206	0	%100
7	M76	X	0	0	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	-6.839	-6.839	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-3.757	-3.757	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-3.757	-3.757	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	-1.977	-1.977	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-4.126	-4.126	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	-1.71	-1.71	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	-.939	-.939	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	-.939	-.939	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	-.494	-.494	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	-4.126	-4.126	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	-1.71	-1.71	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	-.939	-.939	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	-.939	-.939	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	-.494	-.494	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	-6.334	-6.334	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	-1.584	-1.584	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	-1.584	-1.584	0	%100
43	MP5A	X	0	0	0	%100
44	MP5A	Z	-4	-4	0	%100
45	MP4A	X	0	0	0	%100
46	MP4A	Z	-4	-4	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-4	-4	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-4	-4	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	-4	-4	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-4.152	-4.152	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	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,%]
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	-4	-4	0	%100
65	MP3C	X	0	0	0	%100
66	MP3C	Z	-4	-4	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	-4	-4	0	%100
69	M80A	X	0	0	0	%100
70	M80A	Z	-4	-4	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	-4.152	-4.152	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	-1.329	-1.329	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	-1.329	-1.329	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	-1.329	-1.329	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	-1.329	-1.329	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	-4	-4	0	%100
83	MP3B	X	0	0	0	%100
84	MP3B	Z	-4	-4	0	%100
85	MP2B	X	0	0	0	%100
86	MP2B	Z	-4	-4	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	-4	-4	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-4.152	-4.152	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	-1.329	-1.329	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	-1.329	-1.329	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	-1.329	-1.329	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	-1.329	-1.329	0	%100
99	OVP	X	0	0	0	%100
100	OVP	Z	-3.414	-3.414	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	-1.514	-1.514	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	-6.058	-6.058	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	-1.514	-1.514	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	-4	-4	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	-4	-4	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	M73	X	3.309	3.309	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,%]
2	M73	Z	-5.732	-5.732	0	%100
3	M74	X	3.309	3.309	0	%100
4	M74	Z	-5.732	-5.732	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	.688	.688	0	%100
8	M76	Z	-1.191	-1.191	0	%100
9	M77	X	2.565	2.565	0	%100
10	M77	Z	-4.442	-4.442	0	%100
11	M78	X	1.409	1.409	0	%100
12	M78	Z	-2.44	-2.44	0	%100
13	M79	X	1.409	1.409	0	%100
14	M79	Z	-2.44	-2.44	0	%100
15	M84	X	.741	.741	0	%100
16	M84	Z	-1.284	-1.284	0	%100
17	M85	X	.688	.688	0	%100
18	M85	Z	-1.191	-1.191	0	%100
19	M86	X	2.565	2.565	0	%100
20	M86	Z	-4.442	-4.442	0	%100
21	M87	X	1.409	1.409	0	%100
22	M87	Z	-2.44	-2.44	0	%100
23	M88	X	1.409	1.409	0	%100
24	M88	Z	-2.44	-2.44	0	%100
25	M93	X	.741	.741	0	%100
26	M93	Z	-1.284	-1.284	0	%100
27	M94	X	2.751	2.751	0	%100
28	M94	Z	-4.764	-4.764	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	2.375	2.375	0	%100
38	M103	Z	-4.114	-4.114	0	%100
39	M104	X	2.375	2.375	0	%100
40	M104	Z	-4.114	-4.114	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	2	2	0	%100
44	MP5A	Z	-3.464	-3.464	0	%100
45	MP4A	X	2	2	0	%100
46	MP4A	Z	-3.464	-3.464	0	%100
47	MP3A	X	2	2	0	%100
48	MP3A	Z	-3.464	-3.464	0	%100
49	MP2A	X	2	2	0	%100
50	MP2A	Z	-3.464	-3.464	0	%100
51	M51	X	2	2	0	%100
52	M51	Z	-3.464	-3.464	0	%100
53	MP1A	X	2.076	2.076	0	%100
54	MP1A	Z	-3.596	-3.596	0	%100
55	M62	X	.221	.221	0	%100
56	M62	Z	-.384	-.384	0	%100
57	M63	X	.221	.221	0	%100
58	M63	Z	-.384	-.384	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,%]
59	M64	X	.221	.221	0	%100
60	M64	Z	-.384	-.384	0	%100
61	M65	X	.221	.221	0	%100
62	M65	Z	-.384	-.384	0	%100
63	MP5C	X	2	2	0	%100
64	MP5C	Z	-3.464	-3.464	0	%100
65	MP3C	X	2	2	0	%100
66	MP3C	Z	-3.464	-3.464	0	%100
67	MP2C	X	2	2	0	%100
68	MP2C	Z	-3.464	-3.464	0	%100
69	M80A	X	2	2	0	%100
70	M80A	Z	-3.464	-3.464	0	%100
71	MP1C	X	2.076	2.076	0	%100
72	MP1C	Z	-3.596	-3.596	0	%100
73	M91A	X	.221	.221	0	%100
74	M91A	Z	-.384	-.384	0	%100
75	M92A	X	.221	.221	0	%100
76	M92A	Z	-.384	-.384	0	%100
77	M93A	X	.221	.221	0	%100
78	M93A	Z	-.384	-.384	0	%100
79	M94A	X	.221	.221	0	%100
80	M94A	Z	-.384	-.384	0	%100
81	MP5B	X	2	2	0	%100
82	MP5B	Z	-3.464	-3.464	0	%100
83	MP3B	X	2	2	0	%100
84	MP3B	Z	-3.464	-3.464	0	%100
85	MP2B	X	2	2	0	%100
86	MP2B	Z	-3.464	-3.464	0	%100
87	M109	X	2	2	0	%100
88	M109	Z	-3.464	-3.464	0	%100
89	MP1B	X	2.076	2.076	0	%100
90	MP1B	Z	-3.596	-3.596	0	%100
91	M120	X	.886	.886	0	%100
92	M120	Z	-1.534	-1.534	0	%100
93	M121	X	.886	.886	0	%100
94	M121	Z	-1.534	-1.534	0	%100
95	M122	X	.886	.886	0	%100
96	M122	Z	-1.534	-1.534	0	%100
97	M123	X	.886	.886	0	%100
98	M123	Z	-1.534	-1.534	0	%100
99	OVP	X	1.707	1.707	0	%100
100	OVP	Z	-2.956	-2.956	0	%100
101	M129	X	2.272	2.272	0	%100
102	M129	Z	-3.935	-3.935	0	%100
103	M130A	X	2.272	2.272	0	%100
104	M130A	Z	-3.935	-3.935	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	2	2	0	%100
108	MP4C	Z	-3.464	-3.464	0	%100
109	MP4B	X	2	2	0	%100
110	MP4B	Z	-3.464	-3.464	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	M73	X	1.911	1.911	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,%]
2	M73	Z	-1.103	-1.103	0	%100
3	M74	X	7.642	7.642	0	%100
4	M74	Z	-4.412	-4.412	0	%100
5	M75	X	1.911	1.911	0	%100
6	M75	Z	-1.103	-1.103	0	%100
7	M76	X	3.573	3.573	0	%100
8	M76	Z	-2.063	-2.063	0	%100
9	M77	X	1.481	1.481	0	%100
10	M77	Z	-.855	-.855	0	%100
11	M78	X	.813	.813	0	%100
12	M78	Z	-.47	-.47	0	%100
13	M79	X	.813	.813	0	%100
14	M79	Z	-.47	-.47	0	%100
15	M84	X	.428	.428	0	%100
16	M84	Z	-.247	-.247	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	5.922	5.922	0	%100
20	M86	Z	-3.419	-3.419	0	%100
21	M87	X	3.254	3.254	0	%100
22	M87	Z	-1.879	-1.879	0	%100
23	M88	X	3.254	3.254	0	%100
24	M88	Z	-1.879	-1.879	0	%100
25	M93	X	1.712	1.712	0	%100
26	M93	Z	-.988	-.988	0	%100
27	M94	X	3.573	3.573	0	%100
28	M94	Z	-2.063	-2.063	0	%100
29	M95	X	1.481	1.481	0	%100
30	M95	Z	-.855	-.855	0	%100
31	M96	X	.813	.813	0	%100
32	M96	Z	-.47	-.47	0	%100
33	M97	X	.813	.813	0	%100
34	M97	Z	-.47	-.47	0	%100
35	M102	X	.428	.428	0	%100
36	M102	Z	-.247	-.247	0	%100
37	M103	X	1.371	1.371	0	%100
38	M103	Z	-.792	-.792	0	%100
39	M104	X	5.486	5.486	0	%100
40	M104	Z	-3.167	-3.167	0	%100
41	M105	X	1.371	1.371	0	%100
42	M105	Z	-.792	-.792	0	%100
43	MP5A	X	3.464	3.464	0	%100
44	MP5A	Z	-2	-2	0	%100
45	MP4A	X	3.464	3.464	0	%100
46	MP4A	Z	-2	-2	0	%100
47	MP3A	X	3.464	3.464	0	%100
48	MP3A	Z	-2	-2	0	%100
49	MP2A	X	3.464	3.464	0	%100
50	MP2A	Z	-2	-2	0	%100
51	M51	X	3.464	3.464	0	%100
52	M51	Z	-2	-2	0	%100
53	MP1A	X	3.596	3.596	0	%100
54	MP1A	Z	-2.076	-2.076	0	%100
55	M62	X	1.151	1.151	0	%100
56	M62	Z	-.664	-.664	0	%100
57	M63	X	1.151	1.151	0	%100
58	M63	Z	-.664	-.664	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,%]
59	M64	X	1.151	1.151	0	%100
60	M64	Z	-.664	-.664	0	%100
61	M65	X	1.151	1.151	0	%100
62	M65	Z	-.664	-.664	0	%100
63	MP5C	X	3.464	3.464	0	%100
64	MP5C	Z	-2	-2	0	%100
65	MP3C	X	3.464	3.464	0	%100
66	MP3C	Z	-2	-2	0	%100
67	MP2C	X	3.464	3.464	0	%100
68	MP2C	Z	-2	-2	0	%100
69	M80A	X	3.464	3.464	0	%100
70	M80A	Z	-2	-2	0	%100
71	MP1C	X	3.596	3.596	0	%100
72	MP1C	Z	-2.076	-2.076	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	3.464	3.464	0	%100
82	MP5B	Z	-2	-2	0	%100
83	MP3B	X	3.464	3.464	0	%100
84	MP3B	Z	-2	-2	0	%100
85	MP2B	X	3.464	3.464	0	%100
86	MP2B	Z	-2	-2	0	%100
87	M109	X	3.464	3.464	0	%100
88	M109	Z	-2	-2	0	%100
89	MP1B	X	3.596	3.596	0	%100
90	MP1B	Z	-2.076	-2.076	0	%100
91	M120	X	1.151	1.151	0	%100
92	M120	Z	-.664	-.664	0	%100
93	M121	X	1.151	1.151	0	%100
94	M121	Z	-.664	-.664	0	%100
95	M122	X	1.151	1.151	0	%100
96	M122	Z	-.664	-.664	0	%100
97	M123	X	1.151	1.151	0	%100
98	M123	Z	-.664	-.664	0	%100
99	OVP	X	2.956	2.956	0	%100
100	OVP	Z	-1.707	-1.707	0	%100
101	M129	X	5.246	5.246	0	%100
102	M129	Z	-3.029	-3.029	0	%100
103	M130A	X	1.312	1.312	0	%100
104	M130A	Z	-.757	-.757	0	%100
105	M131	X	1.312	1.312	0	%100
106	M131	Z	-.757	-.757	0	%100
107	MP4C	X	3.464	3.464	0	%100
108	MP4C	Z	-2	-2	0	%100
109	MP4B	X	3.464	3.464	0	%100
110	MP4B	Z	-2	-2	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	M73	X	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,%]
2	M73	Z	0	0	0	%100
3	M74	X	6.618	6.618	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	6.618	6.618	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	5.501	5.501	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	0	0	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	1.375	1.375	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	5.129	5.129	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	2.818	2.818	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	2.818	2.818	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	1.483	1.483	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	1.375	1.375	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	5.129	5.129	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	2.818	2.818	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	2.818	2.818	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	1.483	1.483	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	0	0	0	%100
39	M104	X	4.751	4.751	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	4.751	4.751	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	4	4	0	%100
44	MP5A	Z	0	0	0	%100
45	MP4A	X	4	4	0	%100
46	MP4A	Z	0	0	0	%100
47	MP3A	X	4	4	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	4	4	0	%100
50	MP2A	Z	0	0	0	%100
51	M51	X	4	4	0	%100
52	M51	Z	0	0	0	%100
53	MP1A	X	4.152	4.152	0	%100
54	MP1A	Z	0	0	0	%100
55	M62	X	1.772	1.772	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	1.772	1.772	0	%100
58	M63	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,%]
59	M64	X	1.772	1.772	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	1.772	1.772	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	4	4	0	%100
64	MP5C	Z	0	0	0	%100
65	MP3C	X	4	4	0	%100
66	MP3C	Z	0	0	0	%100
67	MP2C	X	4	4	0	%100
68	MP2C	Z	0	0	0	%100
69	M80A	X	4	4	0	%100
70	M80A	Z	0	0	0	%100
71	MP1C	X	4.152	4.152	0	%100
72	MP1C	Z	0	0	0	%100
73	M91A	X	.443	.443	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	.443	.443	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	.443	.443	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	.443	.443	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	4	4	0	%100
82	MP5B	Z	0	0	0	%100
83	MP3B	X	4	4	0	%100
84	MP3B	Z	0	0	0	%100
85	MP2B	X	4	4	0	%100
86	MP2B	Z	0	0	0	%100
87	M109	X	4	4	0	%100
88	M109	Z	0	0	0	%100
89	MP1B	X	4.152	4.152	0	%100
90	MP1B	Z	0	0	0	%100
91	M120	X	.443	.443	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	.443	.443	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	.443	.443	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	.443	.443	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	3.414	3.414	0	%100
100	OVP	Z	0	0	0	%100
101	M129	X	4.543	4.543	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	0	0	0	%100
105	M131	X	4.543	4.543	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	4	4	0	%100
108	MP4C	Z	0	0	0	%100
109	MP4B	X	4	4	0	%100
110	MP4B	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	M73	X	1.911	1.911	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,%]
2	M73	Z	1.103	1.103	0	%100
3	M74	X	1.911	1.911	0	%100
4	M74	Z	1.103	1.103	0	%100
5	M75	X	7.642	7.642	0	%100
6	M75	Z	4.412	4.412	0	%100
7	M76	X	3.573	3.573	0	%100
8	M76	Z	2.063	2.063	0	%100
9	M77	X	1.481	1.481	0	%100
10	M77	Z	.855	.855	0	%100
11	M78	X	.813	.813	0	%100
12	M78	Z	.47	.47	0	%100
13	M79	X	.813	.813	0	%100
14	M79	Z	.47	.47	0	%100
15	M84	X	.428	.428	0	%100
16	M84	Z	.247	.247	0	%100
17	M85	X	3.573	3.573	0	%100
18	M85	Z	2.063	2.063	0	%100
19	M86	X	1.481	1.481	0	%100
20	M86	Z	.855	.855	0	%100
21	M87	X	.813	.813	0	%100
22	M87	Z	.47	.47	0	%100
23	M88	X	.813	.813	0	%100
24	M88	Z	.47	.47	0	%100
25	M93	X	.428	.428	0	%100
26	M93	Z	.247	.247	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	5.922	5.922	0	%100
30	M95	Z	3.419	3.419	0	%100
31	M96	X	3.254	3.254	0	%100
32	M96	Z	1.879	1.879	0	%100
33	M97	X	3.254	3.254	0	%100
34	M97	Z	1.879	1.879	0	%100
35	M102	X	1.712	1.712	0	%100
36	M102	Z	.988	.988	0	%100
37	M103	X	1.371	1.371	0	%100
38	M103	Z	.792	.792	0	%100
39	M104	X	1.371	1.371	0	%100
40	M104	Z	.792	.792	0	%100
41	M105	X	5.486	5.486	0	%100
42	M105	Z	3.167	3.167	0	%100
43	MP5A	X	3.464	3.464	0	%100
44	MP5A	Z	2	2	0	%100
45	MP4A	X	3.464	3.464	0	%100
46	MP4A	Z	2	2	0	%100
47	MP3A	X	3.464	3.464	0	%100
48	MP3A	Z	2	2	0	%100
49	MP2A	X	3.464	3.464	0	%100
50	MP2A	Z	2	2	0	%100
51	M51	X	3.464	3.464	0	%100
52	M51	Z	2	2	0	%100
53	MP1A	X	3.596	3.596	0	%100
54	MP1A	Z	2.076	2.076	0	%100
55	M62	X	1.151	1.151	0	%100
56	M62	Z	.664	.664	0	%100
57	M63	X	1.151	1.151	0	%100
58	M63	Z	.664	.664	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,%]
59	M64	X	1.151	1.151	0	%100
60	M64	Z	.664	.664	0	%100
61	M65	X	1.151	1.151	0	%100
62	M65	Z	.664	.664	0	%100
63	MP5C	X	3.464	3.464	0	%100
64	MP5C	Z	2	2	0	%100
65	MP3C	X	3.464	3.464	0	%100
66	MP3C	Z	2	2	0	%100
67	MP2C	X	3.464	3.464	0	%100
68	MP2C	Z	2	2	0	%100
69	M80A	X	3.464	3.464	0	%100
70	M80A	Z	2	2	0	%100
71	MP1C	X	3.596	3.596	0	%100
72	MP1C	Z	2.076	2.076	0	%100
73	M91A	X	1.151	1.151	0	%100
74	M91A	Z	.664	.664	0	%100
75	M92A	X	1.151	1.151	0	%100
76	M92A	Z	.664	.664	0	%100
77	M93A	X	1.151	1.151	0	%100
78	M93A	Z	.664	.664	0	%100
79	M94A	X	1.151	1.151	0	%100
80	M94A	Z	.664	.664	0	%100
81	MP5B	X	3.464	3.464	0	%100
82	MP5B	Z	2	2	0	%100
83	MP3B	X	3.464	3.464	0	%100
84	MP3B	Z	2	2	0	%100
85	MP2B	X	3.464	3.464	0	%100
86	MP2B	Z	2	2	0	%100
87	M109	X	3.464	3.464	0	%100
88	M109	Z	2	2	0	%100
89	MP1B	X	3.596	3.596	0	%100
90	MP1B	Z	2.076	2.076	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	2.956	2.956	0	%100
100	OVP	Z	1.707	1.707	0	%100
101	M129	X	1.312	1.312	0	%100
102	M129	Z	.757	.757	0	%100
103	M130A	X	1.312	1.312	0	%100
104	M130A	Z	.757	.757	0	%100
105	M131	X	5.246	5.246	0	%100
106	M131	Z	3.029	3.029	0	%100
107	MP4C	X	3.464	3.464	0	%100
108	MP4C	Z	2	2	0	%100
109	MP4B	X	3.464	3.464	0	%100
110	MP4B	Z	2	2	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	M73	X	3.309	3.309	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,%]
2	M73	Z	5.732	5.732	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	3.309	3.309	0	%100
6	M75	Z	5.732	5.732	0	%100
7	M76	X	.688	.688	0	%100
8	M76	Z	1.191	1.191	0	%100
9	M77	X	2.565	2.565	0	%100
10	M77	Z	4.442	4.442	0	%100
11	M78	X	1.409	1.409	0	%100
12	M78	Z	2.44	2.44	0	%100
13	M79	X	1.409	1.409	0	%100
14	M79	Z	2.44	2.44	0	%100
15	M84	X	.741	.741	0	%100
16	M84	Z	1.284	1.284	0	%100
17	M85	X	2.751	2.751	0	%100
18	M85	Z	4.764	4.764	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	.688	.688	0	%100
28	M94	Z	1.191	1.191	0	%100
29	M95	X	2.565	2.565	0	%100
30	M95	Z	4.442	4.442	0	%100
31	M96	X	1.409	1.409	0	%100
32	M96	Z	2.44	2.44	0	%100
33	M97	X	1.409	1.409	0	%100
34	M97	Z	2.44	2.44	0	%100
35	M102	X	.741	.741	0	%100
36	M102	Z	1.284	1.284	0	%100
37	M103	X	2.375	2.375	0	%100
38	M103	Z	4.114	4.114	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	2.375	2.375	0	%100
42	M105	Z	4.114	4.114	0	%100
43	MP5A	X	2	2	0	%100
44	MP5A	Z	3.464	3.464	0	%100
45	MP4A	X	2	2	0	%100
46	MP4A	Z	3.464	3.464	0	%100
47	MP3A	X	2	2	0	%100
48	MP3A	Z	3.464	3.464	0	%100
49	MP2A	X	2	2	0	%100
50	MP2A	Z	3.464	3.464	0	%100
51	M51	X	2	2	0	%100
52	M51	Z	3.464	3.464	0	%100
53	MP1A	X	2.076	2.076	0	%100
54	MP1A	Z	3.596	3.596	0	%100
55	M62	X	.221	.221	0	%100
56	M62	Z	.384	.384	0	%100
57	M63	X	.221	.221	0	%100
58	M63	Z	.384	.384	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,%]
59	M64	X	.221	.221	0	%100
60	M64	Z	.384	.384	0	%100
61	M65	X	.221	.221	0	%100
62	M65	Z	.384	.384	0	%100
63	MP5C	X	2	2	0	%100
64	MP5C	Z	3.464	3.464	0	%100
65	MP3C	X	2	2	0	%100
66	MP3C	Z	3.464	3.464	0	%100
67	MP2C	X	2	2	0	%100
68	MP2C	Z	3.464	3.464	0	%100
69	M80A	X	2	2	0	%100
70	M80A	Z	3.464	3.464	0	%100
71	MP1C	X	2.076	2.076	0	%100
72	MP1C	Z	3.596	3.596	0	%100
73	M91A	X	.886	.886	0	%100
74	M91A	Z	1.534	1.534	0	%100
75	M92A	X	.886	.886	0	%100
76	M92A	Z	1.534	1.534	0	%100
77	M93A	X	.886	.886	0	%100
78	M93A	Z	1.534	1.534	0	%100
79	M94A	X	.886	.886	0	%100
80	M94A	Z	1.534	1.534	0	%100
81	MP5B	X	2	2	0	%100
82	MP5B	Z	3.464	3.464	0	%100
83	MP3B	X	2	2	0	%100
84	MP3B	Z	3.464	3.464	0	%100
85	MP2B	X	2	2	0	%100
86	MP2B	Z	3.464	3.464	0	%100
87	M109	X	2	2	0	%100
88	M109	Z	3.464	3.464	0	%100
89	MP1B	X	2.076	2.076	0	%100
90	MP1B	Z	3.596	3.596	0	%100
91	M120	X	.221	.221	0	%100
92	M120	Z	.384	.384	0	%100
93	M121	X	.221	.221	0	%100
94	M121	Z	.384	.384	0	%100
95	M122	X	.221	.221	0	%100
96	M122	Z	.384	.384	0	%100
97	M123	X	.221	.221	0	%100
98	M123	Z	.384	.384	0	%100
99	OVP	X	1.707	1.707	0	%100
100	OVP	Z	2.956	2.956	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	2.272	2.272	0	%100
104	M130A	Z	3.935	3.935	0	%100
105	M131	X	2.272	2.272	0	%100
106	M131	Z	3.935	3.935	0	%100
107	MP4C	X	2	2	0	%100
108	MP4C	Z	3.464	3.464	0	%100
109	MP4B	X	2	2	0	%100
110	MP4B	Z	3.464	3.464	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	M73	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,%]
2	M73	Z	8.824	8.824	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	2.206	2.206	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	2.206	2.206	0	%100
7	M76	X	0	0	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	6.839	6.839	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	3.757	3.757	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	3.757	3.757	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	1.977	1.977	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	4.126	4.126	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	1.71	1.71	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	.939	.939	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	.939	.939	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	.494	.494	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	4.126	4.126	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	1.71	1.71	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	.939	.939	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	.939	.939	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	.494	.494	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	6.334	6.334	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	1.584	1.584	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	1.584	1.584	0	%100
43	MP5A	X	0	0	0	%100
44	MP5A	Z	4	4	0	%100
45	MP4A	X	0	0	0	%100
46	MP4A	Z	4	4	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	4	4	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	4	4	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	4	4	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	4.152	4.152	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	4	4	0	%100
65	MP3C	X	0	0	0	%100
66	MP3C	Z	4	4	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	4	4	0	%100
69	M80A	X	0	0	0	%100
70	M80A	Z	4	4	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	4.152	4.152	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	1.329	1.329	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	1.329	1.329	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	1.329	1.329	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	1.329	1.329	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	4	4	0	%100
83	MP3B	X	0	0	0	%100
84	MP3B	Z	4	4	0	%100
85	MP2B	X	0	0	0	%100
86	MP2B	Z	4	4	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	4	4	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	4.152	4.152	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	1.329	1.329	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	1.329	1.329	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	1.329	1.329	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	1.329	1.329	0	%100
99	OVP	X	0	0	0	%100
100	OVP	Z	3.414	3.414	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	1.514	1.514	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	6.058	6.058	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	1.514	1.514	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	4	4	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	4	4	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	M73	X	-3.309	-3.309	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,%]
2	M73	Z	5.732	5.732	0	%100
3	M74	X	-3.309	-3.309	0	%100
4	M74	Z	5.732	5.732	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	-.688	-.688	0	%100
8	M76	Z	1.191	1.191	0	%100
9	M77	X	-2.565	-2.565	0	%100
10	M77	Z	4.442	4.442	0	%100
11	M78	X	-1.409	-1.409	0	%100
12	M78	Z	2.44	2.44	0	%100
13	M79	X	-1.409	-1.409	0	%100
14	M79	Z	2.44	2.44	0	%100
15	M84	X	-.741	-.741	0	%100
16	M84	Z	1.284	1.284	0	%100
17	M85	X	-.688	-.688	0	%100
18	M85	Z	1.191	1.191	0	%100
19	M86	X	-2.565	-2.565	0	%100
20	M86	Z	4.442	4.442	0	%100
21	M87	X	-1.409	-1.409	0	%100
22	M87	Z	2.44	2.44	0	%100
23	M88	X	-1.409	-1.409	0	%100
24	M88	Z	2.44	2.44	0	%100
25	M93	X	-.741	-.741	0	%100
26	M93	Z	1.284	1.284	0	%100
27	M94	X	-2.751	-2.751	0	%100
28	M94	Z	4.764	4.764	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	-2.375	-2.375	0	%100
38	M103	Z	4.114	4.114	0	%100
39	M104	X	-2.375	-2.375	0	%100
40	M104	Z	4.114	4.114	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	-2	-2	0	%100
44	MP5A	Z	3.464	3.464	0	%100
45	MP4A	X	-2	-2	0	%100
46	MP4A	Z	3.464	3.464	0	%100
47	MP3A	X	-2	-2	0	%100
48	MP3A	Z	3.464	3.464	0	%100
49	MP2A	X	-2	-2	0	%100
50	MP2A	Z	3.464	3.464	0	%100
51	M51	X	-2	-2	0	%100
52	M51	Z	3.464	3.464	0	%100
53	MP1A	X	-2.076	-2.076	0	%100
54	MP1A	Z	3.596	3.596	0	%100
55	M62	X	-.221	-.221	0	%100
56	M62	Z	.384	.384	0	%100
57	M63	X	-.221	-.221	0	%100
58	M63	Z	.384	.384	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,%]
59	M64	X	-.221	-.221	0	%100
60	M64	Z	.384	.384	0	%100
61	M65	X	-.221	-.221	0	%100
62	M65	Z	.384	.384	0	%100
63	MP5C	X	-2	-2	0	%100
64	MP5C	Z	3.464	3.464	0	%100
65	MP3C	X	-2	-2	0	%100
66	MP3C	Z	3.464	3.464	0	%100
67	MP2C	X	-2	-2	0	%100
68	MP2C	Z	3.464	3.464	0	%100
69	M80A	X	-2	-2	0	%100
70	M80A	Z	3.464	3.464	0	%100
71	MP1C	X	-2.076	-2.076	0	%100
72	MP1C	Z	3.596	3.596	0	%100
73	M91A	X	-.221	-.221	0	%100
74	M91A	Z	.384	.384	0	%100
75	M92A	X	-.221	-.221	0	%100
76	M92A	Z	.384	.384	0	%100
77	M93A	X	-.221	-.221	0	%100
78	M93A	Z	.384	.384	0	%100
79	M94A	X	-.221	-.221	0	%100
80	M94A	Z	.384	.384	0	%100
81	MP5B	X	-2	-2	0	%100
82	MP5B	Z	3.464	3.464	0	%100
83	MP3B	X	-2	-2	0	%100
84	MP3B	Z	3.464	3.464	0	%100
85	MP2B	X	-2	-2	0	%100
86	MP2B	Z	3.464	3.464	0	%100
87	M109	X	-2	-2	0	%100
88	M109	Z	3.464	3.464	0	%100
89	MP1B	X	-2.076	-2.076	0	%100
90	MP1B	Z	3.596	3.596	0	%100
91	M120	X	-.886	-.886	0	%100
92	M120	Z	1.534	1.534	0	%100
93	M121	X	-.886	-.886	0	%100
94	M121	Z	1.534	1.534	0	%100
95	M122	X	-.886	-.886	0	%100
96	M122	Z	1.534	1.534	0	%100
97	M123	X	-.886	-.886	0	%100
98	M123	Z	1.534	1.534	0	%100
99	OVP	X	-1.707	-1.707	0	%100
100	OVP	Z	2.956	2.956	0	%100
101	M129	X	-2.272	-2.272	0	%100
102	M129	Z	3.935	3.935	0	%100
103	M130A	X	-2.272	-2.272	0	%100
104	M130A	Z	3.935	3.935	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	-2	-2	0	%100
108	MP4C	Z	3.464	3.464	0	%100
109	MP4B	X	-2	-2	0	%100
110	MP4B	Z	3.464	3.464	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	M73	X	-1.911	-1.911	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,%]
2	M73	Z	1.103	1.103	0	%100
3	M74	X	-7.642	-7.642	0	%100
4	M74	Z	4.412	4.412	0	%100
5	M75	X	-1.911	-1.911	0	%100
6	M75	Z	1.103	1.103	0	%100
7	M76	X	-3.573	-3.573	0	%100
8	M76	Z	2.063	2.063	0	%100
9	M77	X	-1.481	-1.481	0	%100
10	M77	Z	.855	.855	0	%100
11	M78	X	-.813	-.813	0	%100
12	M78	Z	.47	.47	0	%100
13	M79	X	-.813	-.813	0	%100
14	M79	Z	.47	.47	0	%100
15	M84	X	-.428	-.428	0	%100
16	M84	Z	.247	.247	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	-5.922	-5.922	0	%100
20	M86	Z	3.419	3.419	0	%100
21	M87	X	-3.254	-3.254	0	%100
22	M87	Z	1.879	1.879	0	%100
23	M88	X	-3.254	-3.254	0	%100
24	M88	Z	1.879	1.879	0	%100
25	M93	X	-1.712	-1.712	0	%100
26	M93	Z	.988	.988	0	%100
27	M94	X	-3.573	-3.573	0	%100
28	M94	Z	2.063	2.063	0	%100
29	M95	X	-1.481	-1.481	0	%100
30	M95	Z	.855	.855	0	%100
31	M96	X	-.813	-.813	0	%100
32	M96	Z	.47	.47	0	%100
33	M97	X	-.813	-.813	0	%100
34	M97	Z	.47	.47	0	%100
35	M102	X	-.428	-.428	0	%100
36	M102	Z	.247	.247	0	%100
37	M103	X	-1.371	-1.371	0	%100
38	M103	Z	.792	.792	0	%100
39	M104	X	-5.486	-5.486	0	%100
40	M104	Z	3.167	3.167	0	%100
41	M105	X	-1.371	-1.371	0	%100
42	M105	Z	.792	.792	0	%100
43	MP5A	X	-3.464	-3.464	0	%100
44	MP5A	Z	2	2	0	%100
45	MP4A	X	-3.464	-3.464	0	%100
46	MP4A	Z	2	2	0	%100
47	MP3A	X	-3.464	-3.464	0	%100
48	MP3A	Z	2	2	0	%100
49	MP2A	X	-3.464	-3.464	0	%100
50	MP2A	Z	2	2	0	%100
51	M51	X	-3.464	-3.464	0	%100
52	M51	Z	2	2	0	%100
53	MP1A	X	-3.596	-3.596	0	%100
54	MP1A	Z	2.076	2.076	0	%100
55	M62	X	-1.151	-1.151	0	%100
56	M62	Z	.664	.664	0	%100
57	M63	X	-1.151	-1.151	0	%100
58	M63	Z	.664	.664	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,%]
59	M64	X	-1.151	-1.151	0	%100
60	M64	Z	.664	.664	0	%100
61	M65	X	-1.151	-1.151	0	%100
62	M65	Z	.664	.664	0	%100
63	MP5C	X	-3.464	-3.464	0	%100
64	MP5C	Z	2	2	0	%100
65	MP3C	X	-3.464	-3.464	0	%100
66	MP3C	Z	2	2	0	%100
67	MP2C	X	-3.464	-3.464	0	%100
68	MP2C	Z	2	2	0	%100
69	M80A	X	-3.464	-3.464	0	%100
70	M80A	Z	2	2	0	%100
71	MP1C	X	-3.596	-3.596	0	%100
72	MP1C	Z	2.076	2.076	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	-3.464	-3.464	0	%100
82	MP5B	Z	2	2	0	%100
83	MP3B	X	-3.464	-3.464	0	%100
84	MP3B	Z	2	2	0	%100
85	MP2B	X	-3.464	-3.464	0	%100
86	MP2B	Z	2	2	0	%100
87	M109	X	-3.464	-3.464	0	%100
88	M109	Z	2	2	0	%100
89	MP1B	X	-3.596	-3.596	0	%100
90	MP1B	Z	2.076	2.076	0	%100
91	M120	X	-1.151	-1.151	0	%100
92	M120	Z	.664	.664	0	%100
93	M121	X	-1.151	-1.151	0	%100
94	M121	Z	.664	.664	0	%100
95	M122	X	-1.151	-1.151	0	%100
96	M122	Z	.664	.664	0	%100
97	M123	X	-1.151	-1.151	0	%100
98	M123	Z	.664	.664	0	%100
99	OVP	X	-2.956	-2.956	0	%100
100	OVP	Z	1.707	1.707	0	%100
101	M129	X	-5.246	-5.246	0	%100
102	M129	Z	3.029	3.029	0	%100
103	M130A	X	-1.312	-1.312	0	%100
104	M130A	Z	.757	.757	0	%100
105	M131	X	-1.312	-1.312	0	%100
106	M131	Z	.757	.757	0	%100
107	MP4C	X	-3.464	-3.464	0	%100
108	MP4C	Z	2	2	0	%100
109	MP4B	X	-3.464	-3.464	0	%100
110	MP4B	Z	2	2	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	M73	X	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,%]
2	M73	Z	0	0	0	%100
3	M74	X	-6.618	-6.618	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	-6.618	-6.618	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	-5.501	-5.501	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	0	0	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-1.375	-1.375	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	-5.129	-5.129	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-2.818	-2.818	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	-2.818	-2.818	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	-1.483	-1.483	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	-1.375	-1.375	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	-5.129	-5.129	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	-2.818	-2.818	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	-2.818	-2.818	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	-1.483	-1.483	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	0	0	0	%100
39	M104	X	-4.751	-4.751	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	-4.751	-4.751	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	-4	-4	0	%100
44	MP5A	Z	0	0	0	%100
45	MP4A	X	-4	-4	0	%100
46	MP4A	Z	0	0	0	%100
47	MP3A	X	-4	-4	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	-4	-4	0	%100
50	MP2A	Z	0	0	0	%100
51	M51	X	-4	-4	0	%100
52	M51	Z	0	0	0	%100
53	MP1A	X	-4.152	-4.152	0	%100
54	MP1A	Z	0	0	0	%100
55	M62	X	-1.772	-1.772	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	-1.772	-1.772	0	%100
58	M63	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,%]
59	M64	X	-1.772	-1.772	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	-1.772	-1.772	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	-4	-4	0	%100
64	MP5C	Z	0	0	0	%100
65	MP3C	X	-4	-4	0	%100
66	MP3C	Z	0	0	0	%100
67	MP2C	X	-4	-4	0	%100
68	MP2C	Z	0	0	0	%100
69	M80A	X	-4	-4	0	%100
70	M80A	Z	0	0	0	%100
71	MP1C	X	-4.152	-4.152	0	%100
72	MP1C	Z	0	0	0	%100
73	M91A	X	-.443	-.443	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	-.443	-.443	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	-.443	-.443	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	-.443	-.443	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	-4	-4	0	%100
82	MP5B	Z	0	0	0	%100
83	MP3B	X	-4	-4	0	%100
84	MP3B	Z	0	0	0	%100
85	MP2B	X	-4	-4	0	%100
86	MP2B	Z	0	0	0	%100
87	M109	X	-4	-4	0	%100
88	M109	Z	0	0	0	%100
89	MP1B	X	-4.152	-4.152	0	%100
90	MP1B	Z	0	0	0	%100
91	M120	X	-.443	-.443	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	-.443	-.443	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-.443	-.443	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	-.443	-.443	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	-3.414	-3.414	0	%100
100	OVP	Z	0	0	0	%100
101	M129	X	-4.543	-4.543	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	0	0	0	%100
105	M131	X	-4.543	-4.543	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	-4	-4	0	%100
108	MP4C	Z	0	0	0	%100
109	MP4B	X	-4	-4	0	%100
110	MP4B	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	M73	X	-1.911	-1.911	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,%]
2	M73	Z	-1.103	-1.103	0	%100
3	M74	X	-1.911	-1.911	0	%100
4	M74	Z	-1.103	-1.103	0	%100
5	M75	X	-7.642	-7.642	0	%100
6	M75	Z	-4.412	-4.412	0	%100
7	M76	X	-3.573	-3.573	0	%100
8	M76	Z	-2.063	-2.063	0	%100
9	M77	X	-1.481	-1.481	0	%100
10	M77	Z	-.855	-.855	0	%100
11	M78	X	-.813	-.813	0	%100
12	M78	Z	-.47	-.47	0	%100
13	M79	X	-.813	-.813	0	%100
14	M79	Z	-.47	-.47	0	%100
15	M84	X	-.428	-.428	0	%100
16	M84	Z	-.247	-.247	0	%100
17	M85	X	-3.573	-3.573	0	%100
18	M85	Z	-2.063	-2.063	0	%100
19	M86	X	-1.481	-1.481	0	%100
20	M86	Z	-.855	-.855	0	%100
21	M87	X	-.813	-.813	0	%100
22	M87	Z	-.47	-.47	0	%100
23	M88	X	-.813	-.813	0	%100
24	M88	Z	-.47	-.47	0	%100
25	M93	X	-.428	-.428	0	%100
26	M93	Z	-.247	-.247	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	-5.922	-5.922	0	%100
30	M95	Z	-3.419	-3.419	0	%100
31	M96	X	-3.254	-3.254	0	%100
32	M96	Z	-1.879	-1.879	0	%100
33	M97	X	-3.254	-3.254	0	%100
34	M97	Z	-1.879	-1.879	0	%100
35	M102	X	-1.712	-1.712	0	%100
36	M102	Z	-.988	-.988	0	%100
37	M103	X	-1.371	-1.371	0	%100
38	M103	Z	-.792	-.792	0	%100
39	M104	X	-1.371	-1.371	0	%100
40	M104	Z	-.792	-.792	0	%100
41	M105	X	-5.486	-5.486	0	%100
42	M105	Z	-3.167	-3.167	0	%100
43	MP5A	X	-3.464	-3.464	0	%100
44	MP5A	Z	-2	-2	0	%100
45	MP4A	X	-3.464	-3.464	0	%100
46	MP4A	Z	-2	-2	0	%100
47	MP3A	X	-3.464	-3.464	0	%100
48	MP3A	Z	-2	-2	0	%100
49	MP2A	X	-3.464	-3.464	0	%100
50	MP2A	Z	-2	-2	0	%100
51	M51	X	-3.464	-3.464	0	%100
52	M51	Z	-2	-2	0	%100
53	MP1A	X	-3.596	-3.596	0	%100
54	MP1A	Z	-2.076	-2.076	0	%100
55	M62	X	-1.151	-1.151	0	%100
56	M62	Z	-.664	-.664	0	%100
57	M63	X	-1.151	-1.151	0	%100
58	M63	Z	-.664	-.664	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,%]
59	M64	X	-1.151	-1.151	0	%100
60	M64	Z	-.664	-.664	0	%100
61	M65	X	-1.151	-1.151	0	%100
62	M65	Z	-.664	-.664	0	%100
63	MP5C	X	-3.464	-3.464	0	%100
64	MP5C	Z	-2	-2	0	%100
65	MP3C	X	-3.464	-3.464	0	%100
66	MP3C	Z	-2	-2	0	%100
67	MP2C	X	-3.464	-3.464	0	%100
68	MP2C	Z	-2	-2	0	%100
69	M80A	X	-3.464	-3.464	0	%100
70	M80A	Z	-2	-2	0	%100
71	MP1C	X	-3.596	-3.596	0	%100
72	MP1C	Z	-2.076	-2.076	0	%100
73	M91A	X	-1.151	-1.151	0	%100
74	M91A	Z	-.664	-.664	0	%100
75	M92A	X	-1.151	-1.151	0	%100
76	M92A	Z	-.664	-.664	0	%100
77	M93A	X	-1.151	-1.151	0	%100
78	M93A	Z	-.664	-.664	0	%100
79	M94A	X	-1.151	-1.151	0	%100
80	M94A	Z	-.664	-.664	0	%100
81	MP5B	X	-3.464	-3.464	0	%100
82	MP5B	Z	-2	-2	0	%100
83	MP3B	X	-3.464	-3.464	0	%100
84	MP3B	Z	-2	-2	0	%100
85	MP2B	X	-3.464	-3.464	0	%100
86	MP2B	Z	-2	-2	0	%100
87	M109	X	-3.464	-3.464	0	%100
88	M109	Z	-2	-2	0	%100
89	MP1B	X	-3.596	-3.596	0	%100
90	MP1B	Z	-2.076	-2.076	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	-2.956	-2.956	0	%100
100	OVP	Z	-1.707	-1.707	0	%100
101	M129	X	-1.312	-1.312	0	%100
102	M129	Z	-.757	-.757	0	%100
103	M130A	X	-1.312	-1.312	0	%100
104	M130A	Z	-.757	-.757	0	%100
105	M131	X	-5.246	-5.246	0	%100
106	M131	Z	-3.029	-3.029	0	%100
107	MP4C	X	-3.464	-3.464	0	%100
108	MP4C	Z	-2	-2	0	%100
109	MP4B	X	-3.464	-3.464	0	%100
110	MP4B	Z	-2	-2	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	M73	X	-3.309	-3.309	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,%]
2	M73	Z	-5.732	-5.732	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	-3.309	-3.309	0	%100
6	M75	Z	-5.732	-5.732	0	%100
7	M76	X	-.688	-.688	0	%100
8	M76	Z	-1.191	-1.191	0	%100
9	M77	X	-2.565	-2.565	0	%100
10	M77	Z	-4.442	-4.442	0	%100
11	M78	X	-1.409	-1.409	0	%100
12	M78	Z	-2.44	-2.44	0	%100
13	M79	X	-1.409	-1.409	0	%100
14	M79	Z	-2.44	-2.44	0	%100
15	M84	X	-.741	-.741	0	%100
16	M84	Z	-1.284	-1.284	0	%100
17	M85	X	-2.751	-2.751	0	%100
18	M85	Z	-4.764	-4.764	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	-.688	-.688	0	%100
28	M94	Z	-1.191	-1.191	0	%100
29	M95	X	-2.565	-2.565	0	%100
30	M95	Z	-4.442	-4.442	0	%100
31	M96	X	-1.409	-1.409	0	%100
32	M96	Z	-2.44	-2.44	0	%100
33	M97	X	-1.409	-1.409	0	%100
34	M97	Z	-2.44	-2.44	0	%100
35	M102	X	-.741	-.741	0	%100
36	M102	Z	-1.284	-1.284	0	%100
37	M103	X	-2.375	-2.375	0	%100
38	M103	Z	-4.114	-4.114	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	-2.375	-2.375	0	%100
42	M105	Z	-4.114	-4.114	0	%100
43	MP5A	X	-2	-2	0	%100
44	MP5A	Z	-3.464	-3.464	0	%100
45	MP4A	X	-2	-2	0	%100
46	MP4A	Z	-3.464	-3.464	0	%100
47	MP3A	X	-2	-2	0	%100
48	MP3A	Z	-3.464	-3.464	0	%100
49	MP2A	X	-2	-2	0	%100
50	MP2A	Z	-3.464	-3.464	0	%100
51	M51	X	-2	-2	0	%100
52	M51	Z	-3.464	-3.464	0	%100
53	MP1A	X	-2.076	-2.076	0	%100
54	MP1A	Z	-3.596	-3.596	0	%100
55	M62	X	-.221	-.221	0	%100
56	M62	Z	-.384	-.384	0	%100
57	M63	X	-.221	-.221	0	%100
58	M63	Z	-.384	-.384	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,%]
59	M64	X	-.221	-.221	0	%100
60	M64	Z	-.384	-.384	0	%100
61	M65	X	-.221	-.221	0	%100
62	M65	Z	-.384	-.384	0	%100
63	MP5C	X	-2	-2	0	%100
64	MP5C	Z	-3.464	-3.464	0	%100
65	MP3C	X	-2	-2	0	%100
66	MP3C	Z	-3.464	-3.464	0	%100
67	MP2C	X	-2	-2	0	%100
68	MP2C	Z	-3.464	-3.464	0	%100
69	M80A	X	-2	-2	0	%100
70	M80A	Z	-3.464	-3.464	0	%100
71	MP1C	X	-2.076	-2.076	0	%100
72	MP1C	Z	-3.596	-3.596	0	%100
73	M91A	X	-.886	-.886	0	%100
74	M91A	Z	-1.534	-1.534	0	%100
75	M92A	X	-.886	-.886	0	%100
76	M92A	Z	-1.534	-1.534	0	%100
77	M93A	X	-.886	-.886	0	%100
78	M93A	Z	-1.534	-1.534	0	%100
79	M94A	X	-.886	-.886	0	%100
80	M94A	Z	-1.534	-1.534	0	%100
81	MP5B	X	-2	-2	0	%100
82	MP5B	Z	-3.464	-3.464	0	%100
83	MP3B	X	-2	-2	0	%100
84	MP3B	Z	-3.464	-3.464	0	%100
85	MP2B	X	-2	-2	0	%100
86	MP2B	Z	-3.464	-3.464	0	%100
87	M109	X	-2	-2	0	%100
88	M109	Z	-3.464	-3.464	0	%100
89	MP1B	X	-2.076	-2.076	0	%100
90	MP1B	Z	-3.596	-3.596	0	%100
91	M120	X	-.221	-.221	0	%100
92	M120	Z	-.384	-.384	0	%100
93	M121	X	-.221	-.221	0	%100
94	M121	Z	-.384	-.384	0	%100
95	M122	X	-.221	-.221	0	%100
96	M122	Z	-.384	-.384	0	%100
97	M123	X	-.221	-.221	0	%100
98	M123	Z	-.384	-.384	0	%100
99	OVP	X	-1.707	-1.707	0	%100
100	OVP	Z	-2.956	-2.956	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	-2.272	-2.272	0	%100
104	M130A	Z	-3.935	-3.935	0	%100
105	M131	X	-2.272	-2.272	0	%100
106	M131	Z	-3.935	-3.935	0	%100
107	MP4C	X	-2	-2	0	%100
108	MP4C	Z	-3.464	-3.464	0	%100
109	MP4B	X	-2	-2	0	%100
110	MP4B	Z	-3.464	-3.464	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	M73	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,%]
2	M73	Z	-2.241	-2.241	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	-.56	-.56	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	-.56	-.56	0	%100
7	M76	X	0	0	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	-1.594	-1.594	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.807	-.807	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.807	-.807	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	-.134	-.134	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-.828	-.828	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	-.399	-.399	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	-.202	-.202	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	-.202	-.202	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	-.034	-.034	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	-.828	-.828	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	-.399	-.399	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	-.202	-.202	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	-.202	-.202	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	-.034	-.034	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	-1.345	-1.345	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	-.336	-.336	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	-.336	-.336	0	%100
43	MP5A	X	0	0	0	%100
44	MP5A	Z	-.639	-.639	0	%100
45	MP4A	X	0	0	0	%100
46	MP4A	Z	-.639	-.639	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-.639	-.639	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-.639	-.639	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	-.639	-.639	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-.639	-.639	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	-.639	-.639	0	%100
65	MP3C	X	0	0	0	%100
66	MP3C	Z	-.639	-.639	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	-.639	-.639	0	%100
69	M80A	X	0	0	0	%100
70	M80A	Z	-.639	-.639	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	-.639	-.639	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	-.069	-.069	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	-.069	-.069	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	-.069	-.069	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	-.069	-.069	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	-.639	-.639	0	%100
83	MP3B	X	0	0	0	%100
84	MP3B	Z	-.639	-.639	0	%100
85	MP2B	X	0	0	0	%100
86	MP2B	Z	-.639	-.639	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	-.639	-.639	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-.639	-.639	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	-.069	-.069	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	-.069	-.069	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	-.069	-.069	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	-.069	-.069	0	%100
99	OVP	X	0	0	0	%100
100	OVP	Z	-.535	-.535	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	-.403	-.403	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	-1.614	-1.614	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	-.403	-.403	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	-.639	-.639	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	-.639	-.639	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	M73	X	.84	.84	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,%]
2	M73	Z	-1.456	-1.456	0	%100
3	M74	X	.84	.84	0	%100
4	M74	Z	-1.456	-1.456	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	.138	.138	0	%100
8	M76	Z	-.239	-.239	0	%100
9	M77	X	.598	.598	0	%100
10	M77	Z	-1.035	-1.035	0	%100
11	M78	X	.303	.303	0	%100
12	M78	Z	-.524	-.524	0	%100
13	M79	X	.303	.303	0	%100
14	M79	Z	-.524	-.524	0	%100
15	M84	X	.05	.05	0	%100
16	M84	Z	-.087	-.087	0	%100
17	M85	X	.138	.138	0	%100
18	M85	Z	-.239	-.239	0	%100
19	M86	X	.598	.598	0	%100
20	M86	Z	-1.035	-1.035	0	%100
21	M87	X	.303	.303	0	%100
22	M87	Z	-.524	-.524	0	%100
23	M88	X	.303	.303	0	%100
24	M88	Z	-.524	-.524	0	%100
25	M93	X	.05	.05	0	%100
26	M93	Z	-.087	-.087	0	%100
27	M94	X	.552	.552	0	%100
28	M94	Z	-.957	-.957	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	.504	.504	0	%100
38	M103	Z	-.873	-.873	0	%100
39	M104	X	.504	.504	0	%100
40	M104	Z	-.873	-.873	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	.319	.319	0	%100
44	MP5A	Z	-.553	-.553	0	%100
45	MP4A	X	.319	.319	0	%100
46	MP4A	Z	-.553	-.553	0	%100
47	MP3A	X	.319	.319	0	%100
48	MP3A	Z	-.553	-.553	0	%100
49	MP2A	X	.319	.319	0	%100
50	MP2A	Z	-.553	-.553	0	%100
51	M51	X	.319	.319	0	%100
52	M51	Z	-.553	-.553	0	%100
53	MP1A	X	.319	.319	0	%100
54	MP1A	Z	-.553	-.553	0	%100
55	M62	X	.012	.012	0	%100
56	M62	Z	-.02	-.02	0	%100
57	M63	X	.012	.012	0	%100
58	M63	Z	-.02	-.02	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,%]
59	M64	X	.012	.012	0	%100
60	M64	Z	-.02	-.02	0	%100
61	M65	X	.012	.012	0	%100
62	M65	Z	-.02	-.02	0	%100
63	MP5C	X	.319	.319	0	%100
64	MP5C	Z	-.553	-.553	0	%100
65	MP3C	X	.319	.319	0	%100
66	MP3C	Z	-.553	-.553	0	%100
67	MP2C	X	.319	.319	0	%100
68	MP2C	Z	-.553	-.553	0	%100
69	M80A	X	.319	.319	0	%100
70	M80A	Z	-.553	-.553	0	%100
71	MP1C	X	.319	.319	0	%100
72	MP1C	Z	-.553	-.553	0	%100
73	M91A	X	.012	.012	0	%100
74	M91A	Z	-.02	-.02	0	%100
75	M92A	X	.012	.012	0	%100
76	M92A	Z	-.02	-.02	0	%100
77	M93A	X	.012	.012	0	%100
78	M93A	Z	-.02	-.02	0	%100
79	M94A	X	.012	.012	0	%100
80	M94A	Z	-.02	-.02	0	%100
81	MP5B	X	.319	.319	0	%100
82	MP5B	Z	-.553	-.553	0	%100
83	MP3B	X	.319	.319	0	%100
84	MP3B	Z	-.553	-.553	0	%100
85	MP2B	X	.319	.319	0	%100
86	MP2B	Z	-.553	-.553	0	%100
87	M109	X	.319	.319	0	%100
88	M109	Z	-.553	-.553	0	%100
89	MP1B	X	.319	.319	0	%100
90	MP1B	Z	-.553	-.553	0	%100
91	M120	X	.046	.046	0	%100
92	M120	Z	-.08	-.08	0	%100
93	M121	X	.046	.046	0	%100
94	M121	Z	-.08	-.08	0	%100
95	M122	X	.046	.046	0	%100
96	M122	Z	-.08	-.08	0	%100
97	M123	X	.046	.046	0	%100
98	M123	Z	-.08	-.08	0	%100
99	OVP	X	.267	.267	0	%100
100	OVP	Z	-.463	-.463	0	%100
101	M129	X	.605	.605	0	%100
102	M129	Z	-1.048	-1.048	0	%100
103	M130A	X	.605	.605	0	%100
104	M130A	Z	-1.048	-1.048	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	.319	.319	0	%100
108	MP4C	Z	-.553	-.553	0	%100
109	MP4B	X	.319	.319	0	%100
110	MP4B	Z	-.553	-.553	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	M73	X	.485	.485	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,%]
2	M73	Z	-.28	-.28	0	%100
3	M74	X	1.941	1.941	0	%100
4	M74	Z	-1.121	-1.121	0	%100
5	M75	X	.485	.485	0	%100
6	M75	Z	-.28	-.28	0	%100
7	M76	X	.717	.717	0	%100
8	M76	Z	-.414	-.414	0	%100
9	M77	X	.345	.345	0	%100
10	M77	Z	-.199	-.199	0	%100
11	M78	X	.175	.175	0	%100
12	M78	Z	-.101	-.101	0	%100
13	M79	X	.175	.175	0	%100
14	M79	Z	-.101	-.101	0	%100
15	M84	X	.029	.029	0	%100
16	M84	Z	-.017	-.017	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	1.38	1.38	0	%100
20	M86	Z	-.797	-.797	0	%100
21	M87	X	.699	.699	0	%100
22	M87	Z	-.403	-.403	0	%100
23	M88	X	.699	.699	0	%100
24	M88	Z	-.403	-.403	0	%100
25	M93	X	.116	.116	0	%100
26	M93	Z	-.067	-.067	0	%100
27	M94	X	.717	.717	0	%100
28	M94	Z	-.414	-.414	0	%100
29	M95	X	.345	.345	0	%100
30	M95	Z	-.199	-.199	0	%100
31	M96	X	.175	.175	0	%100
32	M96	Z	-.101	-.101	0	%100
33	M97	X	.175	.175	0	%100
34	M97	Z	-.101	-.101	0	%100
35	M102	X	.029	.029	0	%100
36	M102	Z	-.017	-.017	0	%100
37	M103	X	.291	.291	0	%100
38	M103	Z	-.168	-.168	0	%100
39	M104	X	1.165	1.165	0	%100
40	M104	Z	-.672	-.672	0	%100
41	M105	X	.291	.291	0	%100
42	M105	Z	-.168	-.168	0	%100
43	MP5A	X	.553	.553	0	%100
44	MP5A	Z	-.319	-.319	0	%100
45	MP4A	X	.553	.553	0	%100
46	MP4A	Z	-.319	-.319	0	%100
47	MP3A	X	.553	.553	0	%100
48	MP3A	Z	-.319	-.319	0	%100
49	MP2A	X	.553	.553	0	%100
50	MP2A	Z	-.319	-.319	0	%100
51	M51	X	.553	.553	0	%100
52	M51	Z	-.319	-.319	0	%100
53	MP1A	X	.553	.553	0	%100
54	MP1A	Z	-.319	-.319	0	%100
55	M62	X	.06	.06	0	%100
56	M62	Z	-.035	-.035	0	%100
57	M63	X	.06	.06	0	%100
58	M63	Z	-.035	-.035	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,%]
59	M64	X	.06	.06	0	%100
60	M64	Z	-.035	-.035	0	%100
61	M65	X	.06	.06	0	%100
62	M65	Z	-.035	-.035	0	%100
63	MP5C	X	.553	.553	0	%100
64	MP5C	Z	-.319	-.319	0	%100
65	MP3C	X	.553	.553	0	%100
66	MP3C	Z	-.319	-.319	0	%100
67	MP2C	X	.553	.553	0	%100
68	MP2C	Z	-.319	-.319	0	%100
69	M80A	X	.553	.553	0	%100
70	M80A	Z	-.319	-.319	0	%100
71	MP1C	X	.553	.553	0	%100
72	MP1C	Z	-.319	-.319	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	.553	.553	0	%100
82	MP5B	Z	-.319	-.319	0	%100
83	MP3B	X	.553	.553	0	%100
84	MP3B	Z	-.319	-.319	0	%100
85	MP2B	X	.553	.553	0	%100
86	MP2B	Z	-.319	-.319	0	%100
87	M109	X	.553	.553	0	%100
88	M109	Z	-.319	-.319	0	%100
89	MP1B	X	.553	.553	0	%100
90	MP1B	Z	-.319	-.319	0	%100
91	M120	X	.06	.06	0	%100
92	M120	Z	-.035	-.035	0	%100
93	M121	X	.06	.06	0	%100
94	M121	Z	-.035	-.035	0	%100
95	M122	X	.06	.06	0	%100
96	M122	Z	-.035	-.035	0	%100
97	M123	X	.06	.06	0	%100
98	M123	Z	-.035	-.035	0	%100
99	OVP	X	.463	.463	0	%100
100	OVP	Z	-.267	-.267	0	%100
101	M129	X	1.397	1.397	0	%100
102	M129	Z	-.807	-.807	0	%100
103	M130A	X	.349	.349	0	%100
104	M130A	Z	-.202	-.202	0	%100
105	M131	X	.349	.349	0	%100
106	M131	Z	-.202	-.202	0	%100
107	MP4C	X	.553	.553	0	%100
108	MP4C	Z	-.319	-.319	0	%100
109	MP4B	X	.553	.553	0	%100
110	MP4B	Z	-.319	-.319	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	M73	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M73	Z	0	0	0	%100
3	M74	X	1.681	1.681	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	1.681	1.681	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	1.105	1.105	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	0	0	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	.276	.276	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	1.196	1.196	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	.605	.605	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	.605	.605	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	.101	.101	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	.276	.276	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	1.196	1.196	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	.605	.605	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	.605	.605	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	.101	.101	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	0	0	0	%100
39	M104	X	1.009	1.009	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	1.009	1.009	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	.639	.639	0	%100
44	MP5A	Z	0	0	0	%100
45	MP4A	X	.639	.639	0	%100
46	MP4A	Z	0	0	0	%100
47	MP3A	X	.639	.639	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	.639	.639	0	%100
50	MP2A	Z	0	0	0	%100
51	M51	X	.639	.639	0	%100
52	M51	Z	0	0	0	%100
53	MP1A	X	.639	.639	0	%100
54	MP1A	Z	0	0	0	%100
55	M62	X	.092	.092	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	.092	.092	0	%100
58	M63	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,%]
59	M64	X	.092	.092	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	.092	.092	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	.639	.639	0	%100
64	MP5C	Z	0	0	0	%100
65	MP3C	X	.639	.639	0	%100
66	MP3C	Z	0	0	0	%100
67	MP2C	X	.639	.639	0	%100
68	MP2C	Z	0	0	0	%100
69	M80A	X	.639	.639	0	%100
70	M80A	Z	0	0	0	%100
71	MP1C	X	.639	.639	0	%100
72	MP1C	Z	0	0	0	%100
73	M91A	X	.023	.023	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	.023	.023	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	.023	.023	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	.023	.023	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	.639	.639	0	%100
82	MP5B	Z	0	0	0	%100
83	MP3B	X	.639	.639	0	%100
84	MP3B	Z	0	0	0	%100
85	MP2B	X	.639	.639	0	%100
86	MP2B	Z	0	0	0	%100
87	M109	X	.639	.639	0	%100
88	M109	Z	0	0	0	%100
89	MP1B	X	.639	.639	0	%100
90	MP1B	Z	0	0	0	%100
91	M120	X	.023	.023	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	.023	.023	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	.023	.023	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	.023	.023	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	.535	.535	0	%100
100	OVP	Z	0	0	0	%100
101	M129	X	1.21	1.21	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	0	0	0	%100
105	M131	X	1.21	1.21	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	.639	.639	0	%100
108	MP4C	Z	0	0	0	%100
109	MP4B	X	.639	.639	0	%100
110	MP4B	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	M73	X	.485	.485	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,%]
2	M73	Z	.28	.28	0	%100
3	M74	X	.485	.485	0	%100
4	M74	Z	.28	.28	0	%100
5	M75	X	1.941	1.941	0	%100
6	M75	Z	1.121	1.121	0	%100
7	M76	X	.717	.717	0	%100
8	M76	Z	.414	.414	0	%100
9	M77	X	.345	.345	0	%100
10	M77	Z	.199	.199	0	%100
11	M78	X	.175	.175	0	%100
12	M78	Z	.101	.101	0	%100
13	M79	X	.175	.175	0	%100
14	M79	Z	.101	.101	0	%100
15	M84	X	.029	.029	0	%100
16	M84	Z	.017	.017	0	%100
17	M85	X	.717	.717	0	%100
18	M85	Z	.414	.414	0	%100
19	M86	X	.345	.345	0	%100
20	M86	Z	.199	.199	0	%100
21	M87	X	.175	.175	0	%100
22	M87	Z	.101	.101	0	%100
23	M88	X	.175	.175	0	%100
24	M88	Z	.101	.101	0	%100
25	M93	X	.029	.029	0	%100
26	M93	Z	.017	.017	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	1.38	1.38	0	%100
30	M95	Z	.797	.797	0	%100
31	M96	X	.699	.699	0	%100
32	M96	Z	.403	.403	0	%100
33	M97	X	.699	.699	0	%100
34	M97	Z	.403	.403	0	%100
35	M102	X	.116	.116	0	%100
36	M102	Z	.067	.067	0	%100
37	M103	X	.291	.291	0	%100
38	M103	Z	.168	.168	0	%100
39	M104	X	.291	.291	0	%100
40	M104	Z	.168	.168	0	%100
41	M105	X	1.165	1.165	0	%100
42	M105	Z	.672	.672	0	%100
43	MP5A	X	.553	.553	0	%100
44	MP5A	Z	.319	.319	0	%100
45	MP4A	X	.553	.553	0	%100
46	MP4A	Z	.319	.319	0	%100
47	MP3A	X	.553	.553	0	%100
48	MP3A	Z	.319	.319	0	%100
49	MP2A	X	.553	.553	0	%100
50	MP2A	Z	.319	.319	0	%100
51	M51	X	.553	.553	0	%100
52	M51	Z	.319	.319	0	%100
53	MP1A	X	.553	.553	0	%100
54	MP1A	Z	.319	.319	0	%100
55	M62	X	.06	.06	0	%100
56	M62	Z	.035	.035	0	%100
57	M63	X	.06	.06	0	%100
58	M63	Z	.035	.035	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,%]
59	M64	X	.06	.06	0	%100
60	M64	Z	.035	.035	0	%100
61	M65	X	.06	.06	0	%100
62	M65	Z	.035	.035	0	%100
63	MP5C	X	.553	.553	0	%100
64	MP5C	Z	.319	.319	0	%100
65	MP3C	X	.553	.553	0	%100
66	MP3C	Z	.319	.319	0	%100
67	MP2C	X	.553	.553	0	%100
68	MP2C	Z	.319	.319	0	%100
69	M80A	X	.553	.553	0	%100
70	M80A	Z	.319	.319	0	%100
71	MP1C	X	.553	.553	0	%100
72	MP1C	Z	.319	.319	0	%100
73	M91A	X	.06	.06	0	%100
74	M91A	Z	.035	.035	0	%100
75	M92A	X	.06	.06	0	%100
76	M92A	Z	.035	.035	0	%100
77	M93A	X	.06	.06	0	%100
78	M93A	Z	.035	.035	0	%100
79	M94A	X	.06	.06	0	%100
80	M94A	Z	.035	.035	0	%100
81	MP5B	X	.553	.553	0	%100
82	MP5B	Z	.319	.319	0	%100
83	MP3B	X	.553	.553	0	%100
84	MP3B	Z	.319	.319	0	%100
85	MP2B	X	.553	.553	0	%100
86	MP2B	Z	.319	.319	0	%100
87	M109	X	.553	.553	0	%100
88	M109	Z	.319	.319	0	%100
89	MP1B	X	.553	.553	0	%100
90	MP1B	Z	.319	.319	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	.463	.463	0	%100
100	OVP	Z	.267	.267	0	%100
101	M129	X	.349	.349	0	%100
102	M129	Z	.202	.202	0	%100
103	M130A	X	.349	.349	0	%100
104	M130A	Z	.202	.202	0	%100
105	M131	X	1.397	1.397	0	%100
106	M131	Z	.807	.807	0	%100
107	MP4C	X	.553	.553	0	%100
108	MP4C	Z	.319	.319	0	%100
109	MP4B	X	.553	.553	0	%100
110	MP4B	Z	.319	.319	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	M73	X	.84	.84	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,%]
2	M73	Z	1.456	1.456	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	.84	.84	0	%100
6	M75	Z	1.456	1.456	0	%100
7	M76	X	.138	.138	0	%100
8	M76	Z	.239	.239	0	%100
9	M77	X	.598	.598	0	%100
10	M77	Z	1.035	1.035	0	%100
11	M78	X	.303	.303	0	%100
12	M78	Z	.524	.524	0	%100
13	M79	X	.303	.303	0	%100
14	M79	Z	.524	.524	0	%100
15	M84	X	.05	.05	0	%100
16	M84	Z	.087	.087	0	%100
17	M85	X	.552	.552	0	%100
18	M85	Z	.957	.957	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	.138	.138	0	%100
28	M94	Z	.239	.239	0	%100
29	M95	X	.598	.598	0	%100
30	M95	Z	1.035	1.035	0	%100
31	M96	X	.303	.303	0	%100
32	M96	Z	.524	.524	0	%100
33	M97	X	.303	.303	0	%100
34	M97	Z	.524	.524	0	%100
35	M102	X	.05	.05	0	%100
36	M102	Z	.087	.087	0	%100
37	M103	X	.504	.504	0	%100
38	M103	Z	.873	.873	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	.504	.504	0	%100
42	M105	Z	.873	.873	0	%100
43	MP5A	X	.319	.319	0	%100
44	MP5A	Z	.553	.553	0	%100
45	MP4A	X	.319	.319	0	%100
46	MP4A	Z	.553	.553	0	%100
47	MP3A	X	.319	.319	0	%100
48	MP3A	Z	.553	.553	0	%100
49	MP2A	X	.319	.319	0	%100
50	MP2A	Z	.553	.553	0	%100
51	M51	X	.319	.319	0	%100
52	M51	Z	.553	.553	0	%100
53	MP1A	X	.319	.319	0	%100
54	MP1A	Z	.553	.553	0	%100
55	M62	X	.012	.012	0	%100
56	M62	Z	.02	.02	0	%100
57	M63	X	.012	.012	0	%100
58	M63	Z	.02	.02	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,%]
59	M64	X	.012	.012	0	%100
60	M64	Z	.02	.02	0	%100
61	M65	X	.012	.012	0	%100
62	M65	Z	.02	.02	0	%100
63	MP5C	X	.319	.319	0	%100
64	MP5C	Z	.553	.553	0	%100
65	MP3C	X	.319	.319	0	%100
66	MP3C	Z	.553	.553	0	%100
67	MP2C	X	.319	.319	0	%100
68	MP2C	Z	.553	.553	0	%100
69	M80A	X	.319	.319	0	%100
70	M80A	Z	.553	.553	0	%100
71	MP1C	X	.319	.319	0	%100
72	MP1C	Z	.553	.553	0	%100
73	M91A	X	.046	.046	0	%100
74	M91A	Z	.08	.08	0	%100
75	M92A	X	.046	.046	0	%100
76	M92A	Z	.08	.08	0	%100
77	M93A	X	.046	.046	0	%100
78	M93A	Z	.08	.08	0	%100
79	M94A	X	.046	.046	0	%100
80	M94A	Z	.08	.08	0	%100
81	MP5B	X	.319	.319	0	%100
82	MP5B	Z	.553	.553	0	%100
83	MP3B	X	.319	.319	0	%100
84	MP3B	Z	.553	.553	0	%100
85	MP2B	X	.319	.319	0	%100
86	MP2B	Z	.553	.553	0	%100
87	M109	X	.319	.319	0	%100
88	M109	Z	.553	.553	0	%100
89	MP1B	X	.319	.319	0	%100
90	MP1B	Z	.553	.553	0	%100
91	M120	X	.012	.012	0	%100
92	M120	Z	.02	.02	0	%100
93	M121	X	.012	.012	0	%100
94	M121	Z	.02	.02	0	%100
95	M122	X	.012	.012	0	%100
96	M122	Z	.02	.02	0	%100
97	M123	X	.012	.012	0	%100
98	M123	Z	.02	.02	0	%100
99	OVP	X	.267	.267	0	%100
100	OVP	Z	.463	.463	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	.605	.605	0	%100
104	M130A	Z	1.048	1.048	0	%100
105	M131	X	.605	.605	0	%100
106	M131	Z	1.048	1.048	0	%100
107	MP4C	X	.319	.319	0	%100
108	MP4C	Z	.553	.553	0	%100
109	MP4B	X	.319	.319	0	%100
110	MP4B	Z	.553	.553	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	M73	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,%]
2	M73	Z	2.241	2.241	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	.56	.56	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	.56	.56	0	%100
7	M76	X	0	0	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	1.594	1.594	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.807	.807	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.807	.807	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	.134	.134	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	.828	.828	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	.399	.399	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	.202	.202	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	.202	.202	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	.034	.034	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	.828	.828	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	.399	.399	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	.202	.202	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	.202	.202	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	.034	.034	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	1.345	1.345	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	.336	.336	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	.336	.336	0	%100
43	MP5A	X	0	0	0	%100
44	MP5A	Z	.639	.639	0	%100
45	MP4A	X	0	0	0	%100
46	MP4A	Z	.639	.639	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	.639	.639	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	.639	.639	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	.639	.639	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	.639	.639	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	0	0	0	%100
64	MP5C	Z	.639	.639	0	%100
65	MP3C	X	0	0	0	%100
66	MP3C	Z	.639	.639	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	.639	.639	0	%100
69	M80A	X	0	0	0	%100
70	M80A	Z	.639	.639	0	%100
71	MP1C	X	0	0	0	%100
72	MP1C	Z	.639	.639	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	.069	.069	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	.069	.069	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	.069	.069	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	.069	.069	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	.639	.639	0	%100
83	MP3B	X	0	0	0	%100
84	MP3B	Z	.639	.639	0	%100
85	MP2B	X	0	0	0	%100
86	MP2B	Z	.639	.639	0	%100
87	M109	X	0	0	0	%100
88	M109	Z	.639	.639	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	.639	.639	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	.069	.069	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	.069	.069	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	.069	.069	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	.069	.069	0	%100
99	OVP	X	0	0	0	%100
100	OVP	Z	.535	.535	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	.403	.403	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	1.614	1.614	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	.403	.403	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	.639	.639	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	.639	.639	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	M73	X	-.84	-.84	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,%]
2	M73	Z	1.456	1.456	0	%100
3	M74	X	-.84	-.84	0	%100
4	M74	Z	1.456	1.456	0	%100
5	M75	X	0	0	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	-.138	-.138	0	%100
8	M76	Z	.239	.239	0	%100
9	M77	X	-.598	-.598	0	%100
10	M77	Z	1.035	1.035	0	%100
11	M78	X	-.303	-.303	0	%100
12	M78	Z	.524	.524	0	%100
13	M79	X	-.303	-.303	0	%100
14	M79	Z	.524	.524	0	%100
15	M84	X	-.05	-.05	0	%100
16	M84	Z	.087	.087	0	%100
17	M85	X	-.138	-.138	0	%100
18	M85	Z	.239	.239	0	%100
19	M86	X	-.598	-.598	0	%100
20	M86	Z	1.035	1.035	0	%100
21	M87	X	-.303	-.303	0	%100
22	M87	Z	.524	.524	0	%100
23	M88	X	-.303	-.303	0	%100
24	M88	Z	.524	.524	0	%100
25	M93	X	-.05	-.05	0	%100
26	M93	Z	.087	.087	0	%100
27	M94	X	-.552	-.552	0	%100
28	M94	Z	.957	.957	0	%100
29	M95	X	0	0	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	0	0	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	0	0	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	0	0	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	-.504	-.504	0	%100
38	M103	Z	.873	.873	0	%100
39	M104	X	-.504	-.504	0	%100
40	M104	Z	.873	.873	0	%100
41	M105	X	0	0	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	-.319	-.319	0	%100
44	MP5A	Z	.553	.553	0	%100
45	MP4A	X	-.319	-.319	0	%100
46	MP4A	Z	.553	.553	0	%100
47	MP3A	X	-.319	-.319	0	%100
48	MP3A	Z	.553	.553	0	%100
49	MP2A	X	-.319	-.319	0	%100
50	MP2A	Z	.553	.553	0	%100
51	M51	X	-.319	-.319	0	%100
52	M51	Z	.553	.553	0	%100
53	MP1A	X	-.319	-.319	0	%100
54	MP1A	Z	.553	.553	0	%100
55	M62	X	-.012	-.012	0	%100
56	M62	Z	.02	.02	0	%100
57	M63	X	-.012	-.012	0	%100
58	M63	Z	.02	.02	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,%]
59	M64	X	-.012	-.012	0	%100
60	M64	Z	.02	.02	0	%100
61	M65	X	-.012	-.012	0	%100
62	M65	Z	.02	.02	0	%100
63	MP5C	X	-.319	-.319	0	%100
64	MP5C	Z	.553	.553	0	%100
65	MP3C	X	-.319	-.319	0	%100
66	MP3C	Z	.553	.553	0	%100
67	MP2C	X	-.319	-.319	0	%100
68	MP2C	Z	.553	.553	0	%100
69	M80A	X	-.319	-.319	0	%100
70	M80A	Z	.553	.553	0	%100
71	MP1C	X	-.319	-.319	0	%100
72	MP1C	Z	.553	.553	0	%100
73	M91A	X	-.012	-.012	0	%100
74	M91A	Z	.02	.02	0	%100
75	M92A	X	-.012	-.012	0	%100
76	M92A	Z	.02	.02	0	%100
77	M93A	X	-.012	-.012	0	%100
78	M93A	Z	.02	.02	0	%100
79	M94A	X	-.012	-.012	0	%100
80	M94A	Z	.02	.02	0	%100
81	MP5B	X	-.319	-.319	0	%100
82	MP5B	Z	.553	.553	0	%100
83	MP3B	X	-.319	-.319	0	%100
84	MP3B	Z	.553	.553	0	%100
85	MP2B	X	-.319	-.319	0	%100
86	MP2B	Z	.553	.553	0	%100
87	M109	X	-.319	-.319	0	%100
88	M109	Z	.553	.553	0	%100
89	MP1B	X	-.319	-.319	0	%100
90	MP1B	Z	.553	.553	0	%100
91	M120	X	-.046	-.046	0	%100
92	M120	Z	.08	.08	0	%100
93	M121	X	-.046	-.046	0	%100
94	M121	Z	.08	.08	0	%100
95	M122	X	-.046	-.046	0	%100
96	M122	Z	.08	.08	0	%100
97	M123	X	-.046	-.046	0	%100
98	M123	Z	.08	.08	0	%100
99	OVP	X	-.267	-.267	0	%100
100	OVP	Z	.463	.463	0	%100
101	M129	X	-.605	-.605	0	%100
102	M129	Z	1.048	1.048	0	%100
103	M130A	X	-.605	-.605	0	%100
104	M130A	Z	1.048	1.048	0	%100
105	M131	X	0	0	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	-.319	-.319	0	%100
108	MP4C	Z	.553	.553	0	%100
109	MP4B	X	-.319	-.319	0	%100
110	MP4B	Z	.553	.553	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	M73	X	-.485	-.485	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,%]
2	M73	Z	.28	.28	0	%100
3	M74	X	-1.941	-1.941	0	%100
4	M74	Z	1.121	1.121	0	%100
5	M75	X	-.485	-.485	0	%100
6	M75	Z	.28	.28	0	%100
7	M76	X	-.717	-.717	0	%100
8	M76	Z	.414	.414	0	%100
9	M77	X	-.345	-.345	0	%100
10	M77	Z	.199	.199	0	%100
11	M78	X	-.175	-.175	0	%100
12	M78	Z	.101	.101	0	%100
13	M79	X	-.175	-.175	0	%100
14	M79	Z	.101	.101	0	%100
15	M84	X	-.029	-.029	0	%100
16	M84	Z	.017	.017	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	-1.38	-1.38	0	%100
20	M86	Z	.797	.797	0	%100
21	M87	X	-.699	-.699	0	%100
22	M87	Z	.403	.403	0	%100
23	M88	X	-.699	-.699	0	%100
24	M88	Z	.403	.403	0	%100
25	M93	X	-.116	-.116	0	%100
26	M93	Z	.067	.067	0	%100
27	M94	X	-.717	-.717	0	%100
28	M94	Z	.414	.414	0	%100
29	M95	X	-.345	-.345	0	%100
30	M95	Z	.199	.199	0	%100
31	M96	X	-.175	-.175	0	%100
32	M96	Z	.101	.101	0	%100
33	M97	X	-.175	-.175	0	%100
34	M97	Z	.101	.101	0	%100
35	M102	X	-.029	-.029	0	%100
36	M102	Z	.017	.017	0	%100
37	M103	X	-.291	-.291	0	%100
38	M103	Z	.168	.168	0	%100
39	M104	X	-1.165	-1.165	0	%100
40	M104	Z	.672	.672	0	%100
41	M105	X	-.291	-.291	0	%100
42	M105	Z	.168	.168	0	%100
43	MP5A	X	-.553	-.553	0	%100
44	MP5A	Z	.319	.319	0	%100
45	MP4A	X	-.553	-.553	0	%100
46	MP4A	Z	.319	.319	0	%100
47	MP3A	X	-.553	-.553	0	%100
48	MP3A	Z	.319	.319	0	%100
49	MP2A	X	-.553	-.553	0	%100
50	MP2A	Z	.319	.319	0	%100
51	M51	X	-.553	-.553	0	%100
52	M51	Z	.319	.319	0	%100
53	MP1A	X	-.553	-.553	0	%100
54	MP1A	Z	.319	.319	0	%100
55	M62	X	-.06	-.06	0	%100
56	M62	Z	.035	.035	0	%100
57	M63	X	-.06	-.06	0	%100
58	M63	Z	.035	.035	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,%]
59	M64	X	-.06	-.06	0	%100
60	M64	Z	.035	.035	0	%100
61	M65	X	-.06	-.06	0	%100
62	M65	Z	.035	.035	0	%100
63	MP5C	X	-.553	-.553	0	%100
64	MP5C	Z	.319	.319	0	%100
65	MP3C	X	-.553	-.553	0	%100
66	MP3C	Z	.319	.319	0	%100
67	MP2C	X	-.553	-.553	0	%100
68	MP2C	Z	.319	.319	0	%100
69	M80A	X	-.553	-.553	0	%100
70	M80A	Z	.319	.319	0	%100
71	MP1C	X	-.553	-.553	0	%100
72	MP1C	Z	.319	.319	0	%100
73	M91A	X	0	0	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	0	0	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	0	0	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	0	0	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	-.553	-.553	0	%100
82	MP5B	Z	.319	.319	0	%100
83	MP3B	X	-.553	-.553	0	%100
84	MP3B	Z	.319	.319	0	%100
85	MP2B	X	-.553	-.553	0	%100
86	MP2B	Z	.319	.319	0	%100
87	M109	X	-.553	-.553	0	%100
88	M109	Z	.319	.319	0	%100
89	MP1B	X	-.553	-.553	0	%100
90	MP1B	Z	.319	.319	0	%100
91	M120	X	-.06	-.06	0	%100
92	M120	Z	.035	.035	0	%100
93	M121	X	-.06	-.06	0	%100
94	M121	Z	.035	.035	0	%100
95	M122	X	-.06	-.06	0	%100
96	M122	Z	.035	.035	0	%100
97	M123	X	-.06	-.06	0	%100
98	M123	Z	.035	.035	0	%100
99	OVP	X	-.463	-.463	0	%100
100	OVP	Z	.267	.267	0	%100
101	M129	X	-1.397	-1.397	0	%100
102	M129	Z	.807	.807	0	%100
103	M130A	X	-.349	-.349	0	%100
104	M130A	Z	.202	.202	0	%100
105	M131	X	-.349	-.349	0	%100
106	M131	Z	.202	.202	0	%100
107	MP4C	X	-.553	-.553	0	%100
108	MP4C	Z	.319	.319	0	%100
109	MP4B	X	-.553	-.553	0	%100
110	MP4B	Z	.319	.319	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	M73	X	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,%]
2	M73	Z	0	0	0	%100
3	M74	X	-1.681	-1.681	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	-1.681	-1.681	0	%100
6	M75	Z	0	0	0	%100
7	M76	X	-1.105	-1.105	0	%100
8	M76	Z	0	0	0	%100
9	M77	X	0	0	0	%100
10	M77	Z	0	0	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-.276	-.276	0	%100
18	M85	Z	0	0	0	%100
19	M86	X	-1.196	-1.196	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-.605	-.605	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	-.605	-.605	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	-.101	-.101	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	-.276	-.276	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	-1.196	-1.196	0	%100
30	M95	Z	0	0	0	%100
31	M96	X	-.605	-.605	0	%100
32	M96	Z	0	0	0	%100
33	M97	X	-.605	-.605	0	%100
34	M97	Z	0	0	0	%100
35	M102	X	-.101	-.101	0	%100
36	M102	Z	0	0	0	%100
37	M103	X	0	0	0	%100
38	M103	Z	0	0	0	%100
39	M104	X	-1.009	-1.009	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	-1.009	-1.009	0	%100
42	M105	Z	0	0	0	%100
43	MP5A	X	-.639	-.639	0	%100
44	MP5A	Z	0	0	0	%100
45	MP4A	X	-.639	-.639	0	%100
46	MP4A	Z	0	0	0	%100
47	MP3A	X	-.639	-.639	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	-.639	-.639	0	%100
50	MP2A	Z	0	0	0	%100
51	M51	X	-.639	-.639	0	%100
52	M51	Z	0	0	0	%100
53	MP1A	X	-.639	-.639	0	%100
54	MP1A	Z	0	0	0	%100
55	M62	X	-.092	-.092	0	%100
56	M62	Z	0	0	0	%100
57	M63	X	-.092	-.092	0	%100
58	M63	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,%]
59	M64	X	-.092	-.092	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	-.092	-.092	0	%100
62	M65	Z	0	0	0	%100
63	MP5C	X	-.639	-.639	0	%100
64	MP5C	Z	0	0	0	%100
65	MP3C	X	-.639	-.639	0	%100
66	MP3C	Z	0	0	0	%100
67	MP2C	X	-.639	-.639	0	%100
68	MP2C	Z	0	0	0	%100
69	M80A	X	-.639	-.639	0	%100
70	M80A	Z	0	0	0	%100
71	MP1C	X	-.639	-.639	0	%100
72	MP1C	Z	0	0	0	%100
73	M91A	X	-.023	-.023	0	%100
74	M91A	Z	0	0	0	%100
75	M92A	X	-.023	-.023	0	%100
76	M92A	Z	0	0	0	%100
77	M93A	X	-.023	-.023	0	%100
78	M93A	Z	0	0	0	%100
79	M94A	X	-.023	-.023	0	%100
80	M94A	Z	0	0	0	%100
81	MP5B	X	-.639	-.639	0	%100
82	MP5B	Z	0	0	0	%100
83	MP3B	X	-.639	-.639	0	%100
84	MP3B	Z	0	0	0	%100
85	MP2B	X	-.639	-.639	0	%100
86	MP2B	Z	0	0	0	%100
87	M109	X	-.639	-.639	0	%100
88	M109	Z	0	0	0	%100
89	MP1B	X	-.639	-.639	0	%100
90	MP1B	Z	0	0	0	%100
91	M120	X	-.023	-.023	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	-.023	-.023	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	-.023	-.023	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	-.023	-.023	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	-.535	-.535	0	%100
100	OVP	Z	0	0	0	%100
101	M129	X	-1.21	-1.21	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	0	0	0	%100
104	M130A	Z	0	0	0	%100
105	M131	X	-1.21	-1.21	0	%100
106	M131	Z	0	0	0	%100
107	MP4C	X	-.639	-.639	0	%100
108	MP4C	Z	0	0	0	%100
109	MP4B	X	-.639	-.639	0	%100
110	MP4B	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	M73	X	-.485	-.485	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,%]
2	M73	Z	-.28	-.28	0	%100
3	M74	X	-.485	-.485	0	%100
4	M74	Z	-.28	-.28	0	%100
5	M75	X	-1.941	-1.941	0	%100
6	M75	Z	-1.121	-1.121	0	%100
7	M76	X	-.717	-.717	0	%100
8	M76	Z	-.414	-.414	0	%100
9	M77	X	-.345	-.345	0	%100
10	M77	Z	-.199	-.199	0	%100
11	M78	X	-.175	-.175	0	%100
12	M78	Z	-.101	-.101	0	%100
13	M79	X	-.175	-.175	0	%100
14	M79	Z	-.101	-.101	0	%100
15	M84	X	-.029	-.029	0	%100
16	M84	Z	-.017	-.017	0	%100
17	M85	X	-.717	-.717	0	%100
18	M85	Z	-.414	-.414	0	%100
19	M86	X	-.345	-.345	0	%100
20	M86	Z	-.199	-.199	0	%100
21	M87	X	-.175	-.175	0	%100
22	M87	Z	-.101	-.101	0	%100
23	M88	X	-.175	-.175	0	%100
24	M88	Z	-.101	-.101	0	%100
25	M93	X	-.029	-.029	0	%100
26	M93	Z	-.017	-.017	0	%100
27	M94	X	0	0	0	%100
28	M94	Z	0	0	0	%100
29	M95	X	-1.38	-1.38	0	%100
30	M95	Z	-.797	-.797	0	%100
31	M96	X	-.699	-.699	0	%100
32	M96	Z	-.403	-.403	0	%100
33	M97	X	-.699	-.699	0	%100
34	M97	Z	-.403	-.403	0	%100
35	M102	X	-.116	-.116	0	%100
36	M102	Z	-.067	-.067	0	%100
37	M103	X	-.291	-.291	0	%100
38	M103	Z	-.168	-.168	0	%100
39	M104	X	-.291	-.291	0	%100
40	M104	Z	-.168	-.168	0	%100
41	M105	X	-1.165	-1.165	0	%100
42	M105	Z	-.672	-.672	0	%100
43	MP5A	X	-.553	-.553	0	%100
44	MP5A	Z	-.319	-.319	0	%100
45	MP4A	X	-.553	-.553	0	%100
46	MP4A	Z	-.319	-.319	0	%100
47	MP3A	X	-.553	-.553	0	%100
48	MP3A	Z	-.319	-.319	0	%100
49	MP2A	X	-.553	-.553	0	%100
50	MP2A	Z	-.319	-.319	0	%100
51	M51	X	-.553	-.553	0	%100
52	M51	Z	-.319	-.319	0	%100
53	MP1A	X	-.553	-.553	0	%100
54	MP1A	Z	-.319	-.319	0	%100
55	M62	X	-.06	-.06	0	%100
56	M62	Z	-.035	-.035	0	%100
57	M63	X	-.06	-.06	0	%100
58	M63	Z	-.035	-.035	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,%]
59	M64	X	-.06	-.06	0	%100
60	M64	Z	-.035	-.035	0	%100
61	M65	X	-.06	-.06	0	%100
62	M65	Z	-.035	-.035	0	%100
63	MP5C	X	-.553	-.553	0	%100
64	MP5C	Z	-.319	-.319	0	%100
65	MP3C	X	-.553	-.553	0	%100
66	MP3C	Z	-.319	-.319	0	%100
67	MP2C	X	-.553	-.553	0	%100
68	MP2C	Z	-.319	-.319	0	%100
69	M80A	X	-.553	-.553	0	%100
70	M80A	Z	-.319	-.319	0	%100
71	MP1C	X	-.553	-.553	0	%100
72	MP1C	Z	-.319	-.319	0	%100
73	M91A	X	-.06	-.06	0	%100
74	M91A	Z	-.035	-.035	0	%100
75	M92A	X	-.06	-.06	0	%100
76	M92A	Z	-.035	-.035	0	%100
77	M93A	X	-.06	-.06	0	%100
78	M93A	Z	-.035	-.035	0	%100
79	M94A	X	-.06	-.06	0	%100
80	M94A	Z	-.035	-.035	0	%100
81	MP5B	X	-.553	-.553	0	%100
82	MP5B	Z	-.319	-.319	0	%100
83	MP3B	X	-.553	-.553	0	%100
84	MP3B	Z	-.319	-.319	0	%100
85	MP2B	X	-.553	-.553	0	%100
86	MP2B	Z	-.319	-.319	0	%100
87	M109	X	-.553	-.553	0	%100
88	M109	Z	-.319	-.319	0	%100
89	MP1B	X	-.553	-.553	0	%100
90	MP1B	Z	-.319	-.319	0	%100
91	M120	X	0	0	0	%100
92	M120	Z	0	0	0	%100
93	M121	X	0	0	0	%100
94	M121	Z	0	0	0	%100
95	M122	X	0	0	0	%100
96	M122	Z	0	0	0	%100
97	M123	X	0	0	0	%100
98	M123	Z	0	0	0	%100
99	OVP	X	-.463	-.463	0	%100
100	OVP	Z	-.267	-.267	0	%100
101	M129	X	-.349	-.349	0	%100
102	M129	Z	-.202	-.202	0	%100
103	M130A	X	-.349	-.349	0	%100
104	M130A	Z	-.202	-.202	0	%100
105	M131	X	-1.397	-1.397	0	%100
106	M131	Z	-.807	-.807	0	%100
107	MP4C	X	-.553	-.553	0	%100
108	MP4C	Z	-.319	-.319	0	%100
109	MP4B	X	-.553	-.553	0	%100
110	MP4B	Z	-.319	-.319	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	M73	X	-.84	-.84	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,%]
2	M73	Z	-1.456	-1.456	0	%100
3	M74	X	0	0	0	%100
4	M74	Z	0	0	0	%100
5	M75	X	-.84	-.84	0	%100
6	M75	Z	-1.456	-1.456	0	%100
7	M76	X	-.138	-.138	0	%100
8	M76	Z	-.239	-.239	0	%100
9	M77	X	-.598	-.598	0	%100
10	M77	Z	-1.035	-1.035	0	%100
11	M78	X	-.303	-.303	0	%100
12	M78	Z	-.524	-.524	0	%100
13	M79	X	-.303	-.303	0	%100
14	M79	Z	-.524	-.524	0	%100
15	M84	X	-.05	-.05	0	%100
16	M84	Z	-.087	-.087	0	%100
17	M85	X	-.552	-.552	0	%100
18	M85	Z	-.957	-.957	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	M94	X	-.138	-.138	0	%100
28	M94	Z	-.239	-.239	0	%100
29	M95	X	-.598	-.598	0	%100
30	M95	Z	-1.035	-1.035	0	%100
31	M96	X	-.303	-.303	0	%100
32	M96	Z	-.524	-.524	0	%100
33	M97	X	-.303	-.303	0	%100
34	M97	Z	-.524	-.524	0	%100
35	M102	X	-.05	-.05	0	%100
36	M102	Z	-.087	-.087	0	%100
37	M103	X	-.504	-.504	0	%100
38	M103	Z	-.873	-.873	0	%100
39	M104	X	0	0	0	%100
40	M104	Z	0	0	0	%100
41	M105	X	-.504	-.504	0	%100
42	M105	Z	-.873	-.873	0	%100
43	MP5A	X	-.319	-.319	0	%100
44	MP5A	Z	-.553	-.553	0	%100
45	MP4A	X	-.319	-.319	0	%100
46	MP4A	Z	-.553	-.553	0	%100
47	MP3A	X	-.319	-.319	0	%100
48	MP3A	Z	-.553	-.553	0	%100
49	MP2A	X	-.319	-.319	0	%100
50	MP2A	Z	-.553	-.553	0	%100
51	M51	X	-.319	-.319	0	%100
52	M51	Z	-.553	-.553	0	%100
53	MP1A	X	-.319	-.319	0	%100
54	MP1A	Z	-.553	-.553	0	%100
55	M62	X	-.012	-.012	0	%100
56	M62	Z	-.02	-.02	0	%100
57	M63	X	-.012	-.012	0	%100
58	M63	Z	-.02	-.02	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,%]
59	M64	X	-.012	-.012	0	%100
60	M64	Z	-.02	-.02	0	%100
61	M65	X	-.012	-.012	0	%100
62	M65	Z	-.02	-.02	0	%100
63	MP5C	X	-.319	-.319	0	%100
64	MP5C	Z	-.553	-.553	0	%100
65	MP3C	X	-.319	-.319	0	%100
66	MP3C	Z	-.553	-.553	0	%100
67	MP2C	X	-.319	-.319	0	%100
68	MP2C	Z	-.553	-.553	0	%100
69	M80A	X	-.319	-.319	0	%100
70	M80A	Z	-.553	-.553	0	%100
71	MP1C	X	-.319	-.319	0	%100
72	MP1C	Z	-.553	-.553	0	%100
73	M91A	X	-.046	-.046	0	%100
74	M91A	Z	-.08	-.08	0	%100
75	M92A	X	-.046	-.046	0	%100
76	M92A	Z	-.08	-.08	0	%100
77	M93A	X	-.046	-.046	0	%100
78	M93A	Z	-.08	-.08	0	%100
79	M94A	X	-.046	-.046	0	%100
80	M94A	Z	-.08	-.08	0	%100
81	MP5B	X	-.319	-.319	0	%100
82	MP5B	Z	-.553	-.553	0	%100
83	MP3B	X	-.319	-.319	0	%100
84	MP3B	Z	-.553	-.553	0	%100
85	MP2B	X	-.319	-.319	0	%100
86	MP2B	Z	-.553	-.553	0	%100
87	M109	X	-.319	-.319	0	%100
88	M109	Z	-.553	-.553	0	%100
89	MP1B	X	-.319	-.319	0	%100
90	MP1B	Z	-.553	-.553	0	%100
91	M120	X	-.012	-.012	0	%100
92	M120	Z	-.02	-.02	0	%100
93	M121	X	-.012	-.012	0	%100
94	M121	Z	-.02	-.02	0	%100
95	M122	X	-.012	-.012	0	%100
96	M122	Z	-.02	-.02	0	%100
97	M123	X	-.012	-.012	0	%100
98	M123	Z	-.02	-.02	0	%100
99	OVP	X	-.267	-.267	0	%100
100	OVP	Z	-.463	-.463	0	%100
101	M129	X	0	0	0	%100
102	M129	Z	0	0	0	%100
103	M130A	X	-.605	-.605	0	%100
104	M130A	Z	-1.048	-1.048	0	%100
105	M131	X	-.605	-.605	0	%100
106	M131	Z	-1.048	-1.048	0	%100
107	MP4C	X	-.319	-.319	0	%100
108	MP4C	Z	-.553	-.553	0	%100
109	MP4B	X	-.319	-.319	0	%100
110	MP4B	Z	-.553	-.553	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	M73	Y	-.317	-6.856	0	1.545

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M73	Y	-6.856	-14.45	1.545	3.09
3	M73	Y	-14.45	-20.879	3.09	4.635
4	M73	Y	-20.879	-12.08	4.635	6.18
5	M73	Y	-12.08	-.317	6.18	7.725
6	M75	Y	-.326	-12.629	5.15	6.695
7	M75	Y	-12.629	-19.859	6.695	8.24
8	M75	Y	-19.859	-12.272	8.24	9.785
9	M75	Y	-12.272	-6.496	9.785	11.33
10	M75	Y	-6.496	-.827	11.33	12.875
11	M73	Y	-.326	-12.629	5.15	6.695
12	M73	Y	-12.629	-19.859	6.695	8.24
13	M73	Y	-19.859	-12.272	8.24	9.785
14	M73	Y	-12.272	-6.496	9.785	11.33
15	M73	Y	-6.496	-.827	11.33	12.875
16	M74	Y	-.317	-12.08	5.15	6.695
17	M74	Y	-12.08	-20.879	6.695	8.24
18	M74	Y	-20.879	-14.45	8.24	9.785
19	M74	Y	-14.45	-6.856	9.785	11.33
20	M74	Y	-6.856	-.317	11.33	12.875
21	M74	Y	-.317	-6.851	0	1.545
22	M74	Y	-6.851	-14.443	1.545	3.09
23	M74	Y	-14.443	-20.876	3.09	4.635
24	M74	Y	-20.876	-12.081	4.635	6.18
25	M74	Y	-12.081	-.317	6.18	7.725
26	M75	Y	-.831	-6.482	0	1.545
27	M75	Y	-6.482	-12.254	1.545	3.09
28	M75	Y	-12.254	-19.877	3.09	4.635
29	M75	Y	-19.877	-12.656	4.635	6.18
30	M75	Y	-12.656	-.326	6.18	7.725
31	M77	Y	-2.415	-3.279	0	.611
32	M77	Y	-3.279	-7.327	.611	1.223
33	M77	Y	-7.327	-9.413	1.223	1.834
34	M77	Y	-9.413	-3.962	1.834	2.446
35	M77	Y	-3.962	-.043	2.446	3.057
36	M78	Y	-1.458	-1.458	0	.25
37	M86	Y	-.059	-3.957	3.057	3.669
38	M86	Y	-3.957	-9.053	3.669	4.28
39	M86	Y	-9.053	-7.294	4.28	4.892
40	M86	Y	-7.294	-3.749	4.892	5.503
41	M86	Y	-3.749	-2.573	5.503	6.115
42	M88	Y	-.031	-3.957	0	.25
43	M86	Y	-2.402	-3.272	0	.611
44	M86	Y	-3.272	-7.327	.611	1.223
45	M86	Y	-7.327	-9.417	1.223	1.834
46	M86	Y	-9.417	-3.964	1.834	2.446
47	M86	Y	-3.964	-.044	2.446	3.057
48	M87	Y	-1.457	-1.457	0	.25
49	M95	Y	-.059	-3.959	3.057	3.669
50	M95	Y	-3.959	-9.055	3.669	4.28
51	M95	Y	-9.055	-7.295	4.28	4.892
52	M95	Y	-7.295	-3.749	4.892	5.503
53	M95	Y	-3.749	-2.573	5.503	6.115
54	M97	Y	-.042	-3.959	0	.25
55	M77	Y	-.059	-3.958	3.057	3.669
56	M77	Y	-3.958	-9.058	3.669	4.28
57	M77	Y	-9.058	-7.3	4.28	4.892
58	M77	Y	-7.3	-3.75	4.892	5.503

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M77	Y	-3.75	-2.567	5.503	6.115
60	M79	Y	-.037	-3.958	0	.25
61	M95	Y	-2.41	-3.274	0	.611
62	M95	Y	-3.274	-7.32	.611	1.223
63	M95	Y	-7.32	-9.411	1.223	1.834
64	M95	Y	-9.411	-3.965	1.834	2.446
65	M95	Y	-3.965	-.043	2.446	3.057
66	M96	Y	-1.46	-1.46	0	.25

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,%]
1	M73	Y	-.563	-12.189	0	1.545
2	M73	Y	-12.189	-25.689	1.545	3.09
3	M73	Y	-25.689	-37.118	3.09	4.635
4	M73	Y	-37.118	-21.476	4.635	6.18
5	M73	Y	-21.476	-.563	6.18	7.725
6	M75	Y	-.58	-22.451	5.15	6.695
7	M75	Y	-22.451	-35.305	6.695	8.24
8	M75	Y	-35.305	-21.817	8.24	9.785
9	M75	Y	-21.817	-11.549	9.785	11.33
10	M75	Y	-11.549	-1.469	11.33	12.875
11	M73	Y	-.58	-22.451	5.15	6.695
12	M73	Y	-22.451	-35.305	6.695	8.24
13	M73	Y	-35.305	-21.817	8.24	9.785
14	M73	Y	-21.817	-11.549	9.785	11.33
15	M73	Y	-11.549	-1.469	11.33	12.875
16	M74	Y	-.563	-21.476	5.15	6.695
17	M74	Y	-21.476	-37.118	6.695	8.24
18	M74	Y	-37.118	-25.689	8.24	9.785
19	M74	Y	-25.689	-12.189	9.785	11.33
20	M74	Y	-12.189	-.563	11.33	12.875
21	M74	Y	-.563	-12.18	0	1.545
22	M74	Y	-12.18	-25.676	1.545	3.09
23	M74	Y	-25.676	-37.114	3.09	4.635
24	M74	Y	-37.114	-21.477	4.635	6.18
25	M74	Y	-21.477	-.563	6.18	7.725
26	M75	Y	-1.477	-11.523	0	1.545
27	M75	Y	-11.523	-21.785	1.545	3.09
28	M75	Y	-21.785	-35.337	3.09	4.635
29	M75	Y	-35.337	-22.499	4.635	6.18
30	M75	Y	-22.499	-.579	6.18	7.725
31	M77	Y	-4.293	-5.829	0	.611
32	M77	Y	-5.829	-13.026	.611	1.223
33	M77	Y	-13.026	-16.734	1.223	1.834
34	M77	Y	-16.734	-7.044	1.834	2.446
35	M77	Y	-7.044	-.077	2.446	3.057
36	M78	Y	-2.592	-2.592	0	.25
37	M86	Y	-.105	-7.034	3.057	3.669
38	M86	Y	-7.034	-16.094	3.669	4.28
39	M86	Y	-16.094	-12.967	4.28	4.892
40	M86	Y	-12.967	-6.665	4.892	5.503
41	M86	Y	-6.665	-4.575	5.503	6.115
42	M88	Y	-.055	-7.034	0	.25
43	M86	Y	-4.269	-5.816	0	.611
44	M86	Y	-5.816	-13.026	.611	1.223
45	M86	Y	-13.026	-16.741	1.223	1.834

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,%]
46	M86	Y	-16.741	-7.048	1.834	2.446
47	M86	Y	-7.048	-.077	2.446	3.057
48	M87	Y	-2.59	-2.59	0	.25
49	M95	Y	-.105	-7.038	3.057	3.669
50	M95	Y	-7.038	-16.099	3.669	4.28
51	M95	Y	-16.099	-12.969	4.28	4.892
52	M95	Y	-12.969	-6.666	4.892	5.503
53	M95	Y	-6.666	-4.574	5.503	6.115
54	M97	Y	-.074	-7.038	0	.25
55	M77	Y	-.105	-7.037	3.057	3.669
56	M77	Y	-7.037	-16.104	3.669	4.28
57	M77	Y	-16.104	-12.979	4.28	4.892
58	M77	Y	-12.979	-6.667	4.892	5.503
59	M77	Y	-6.667	-4.564	5.503	6.115
60	M79	Y	-.066	-7.037	0	.25
61	M95	Y	-4.284	-5.82	0	.611
62	M95	Y	-5.82	-13.014	.611	1.223
63	M95	Y	-13.014	-16.731	1.223	1.834
64	M95	Y	-16.731	-7.05	1.834	2.446
65	M95	Y	-7.05	-.077	2.446	3.057
66	M96	Y	-2.595	-2.595	0	.25

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N180	N179	N161	N156	Y	A-B	-.009
2	N155	N159	N194	N193	Y	A-B	-.009
3	N162	N158	N168	N169	Y	A-B	-.009
4	N161	N144	N142B	N162	Y	B-C	-.009
5	N140	N156	N155	N142	Y	B-C	-.009
6	N138	N140A	N158	N159	Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N180	N179	N161	N156	Y	A-B	-.016
2	N155	N159	N194	N193	Y	A-B	-.016
3	N162	N158	N168	N169	Y	A-B	-.016
4	N161	N144	N142B	N162	Y	B-C	-.016
5	N140	N156	N155	N142	Y	B-C	-.016
6	N138	N140A	N158	N159	Y	A-B	-.016

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N153A	max	4460.903	10	3657.583	13	-1795.994	7	7652.7...	13	3274.1...	4	2470.282	4
2		min	-4463.474	4	-133.264	7	-6935.339	13	-2894....	7	-3288....	10	-2362.415	10
3	N171	max	730.257	12	3442.825	21	5001.4	12	1965.6...	1	3340.8...	12	1907.465	3
4		min	-6564.244	18	-110.319	3	-2896.004	6	-3911.67	7	-3344....	6	-6351.892	21
5	N185	max	6469.872	20	3456.16	17	5193.081	2	1751.3...	1	3342.1...	8	6269.844	17
6		min	-370.322	2	-128.708	11	-3097.734	8	-3905....	19	-3354....	2	-2138.662	11
7	Totals:	max	5482.164	10	9609.413	19	5899.938	1						
8		min	-5482.164	4	3373.715	1	-5899.943	7						

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

	Mem...	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn
1	M73	C5X6.7	.464	6.572	5	.936	6.706	y	13	444...	638...	160...	695...	1...	H1...
2	M74	C5X6.7	.501	6.303	1	.937	6.169	y	21	444...	638...	160...	690...	1...	H1...
3	M75	C5X6.7	.459	6.572	9	.933	6.706	y	17	444...	638...	160...	697...	1...	H1...
4	M76	HSS4...	.650	0	24	.383	0	z	4	912...	106...	126...	126...	2...	H1...
5	M77	L4X4...	.990	3.057	13	.104	3.057	z	24	393...	625...	313...	600...	1...	H2...
6	M78	PL3/8...	.908	0	24	.146	.25	y	24	349...	364...	283.5	227...	2...	H1...
7	M79	PL3/8...	.836	.25	14	.136	0	y	14	349...	364...	283.5	227...	2...	H1...
8	M84	PL1/2...	.347	.625	13	.271	0	y	16	825...	145...	151...	273...	1...	H1...
9	M85	HSS4...	.632	0	6	.384	0	z	12	912...	106...	126...	126...	2...	H3...
10	M86	L4X4...	.985	3.057	20	.104	3.057	z	20	393...	625...	313...	601...	1...	H2...
11	M87	PL3/8...	.901	0	20	.146	.25	y	20	349...	364...	283.5	227...	2...	H1...
12	M88	PL3/8...	.824	.25	22	.135	0	y	22	349...	364...	283.5	227...	2...	H1...
13	M93	PL1/2...	.343	.625	21	.271	0	y	24	825...	145...	151...	273...	1...	H1...
14	M94	HSS4...	.633	0	2	.380	0	z	8	912...	106...	126...	126...	2...	H3...
15	M95	L4X4...	.989	3.057	16	.104	3.057	z	16	393...	625...	313...	601...	1...	H2...
16	M96	PL3/8...	.898	0	16	.146	.25	y	16	349...	364...	283.5	227...	2...	H1...
17	M97	PL3/8...	.831	.25	18	.135	0	y	18	349...	364...	283.5	227...	2...	H1...
18	M102	PL1/2...	.344	.625	17	.271	0	y	20	825...	145...	151...	273...	1...	H1...
19	M103	L3X3...	.381	4.084	7	.144	11.99	z	7	483...	466...	168...	269...	1...	H2...
20	M104	L3X3...	.359	4.084	2	.139	11.99	z	2	483...	466...	168...	280...	1...	H2...
21	M105	L3X3...	.375	4.084	11	.141	11.99	z	11	483...	466...	168...	269...	1...	H2...
22	MP5A	PIPE...	.620	4.271	11	.110	4.271		5	238...	321...	187...	187...	1...	H1...
23	MP4A	PIPE...	.648	4.271	5	.110	.208		7	238...	321...	187...	187...	1...	H1...
24	MP3A	PIPE...	.615	4.271	10	.091	4.271		5	238...	321...	187...	187...	1...	H1...
25	MP2A	PIPE...	.563	4.271	10	.093	4.271		8	238...	321...	187...	187...	1...	H1...
26	M51	PIPE...	.644	4.271	10	.168	.208		8	238...	321...	187...	187...	1...	H1...
27	MP1A	PIPE...	.137	1.109	7	.060	1.109		1	211...	321...	187...	187...	1...	H1...
28	M62	SR_0.5	.961	.333	19	1.011	.333		19	602...	636...	53....	53....	1...	H1...
29	M63	SR_0.5	.965	.333	18	1.008	.333		19	602...	636...	53....	53....	1...	H1...
30	M64	SR_0.5	.851	.333	24	.890	.333		13	602...	636...	53....	53....	1...	H1...
31	M65	SR_0.5	.858	.333	13	.888	.333		13	602...	636...	53....	53....	1...	H1...
32	MP5C	PIPE...	.661	4.271	7	.115	4.271		1	238...	321...	187...	187...	1...	H1...
33	MP3C	PIPE...	.660	4.271	6	.097	4.271		1	238...	321...	187...	187...	1...	H1...
34	MP2C	PIPE...	.601	4.271	6	.087	4.271		2	238...	321...	187...	187...	1...	H1...
35	M80A	PIPE...	.692	4.271	6	.170	4.271		8	238...	321...	187...	187...	2...	H1...
36	MP1C	PIPE...	.136	1.109	2	.056	1.109		9	211...	321...	187...	187...	1...	H1...
37	M91A	SR_0.5	.962	.333	14	1.011	.333		14	602...	636...	53....	53....	1...	H1...
38	M92A	SR_0.5	.967	.333	13	1.008	.333		14	602...	636...	53....	53....	1...	H1...
39	M93A	SR_0.5	.852	.333	20	.889	.333		21	602...	636...	53....	53....	1...	H1...
40	M94A	SR_0.5	.857	.333	20	.888	.333		20	602...	636...	53....	53....	1...	H1...
41	MP5B	PIPE...	.628	4.271	2	.106	4.271		9	238...	321...	187...	187...	1...	H1...
42	MP3B	PIPE...	.652	4.271	2	.088	4.271		3	238...	321...	187...	187...	1...	H1...
43	MP2B	PIPE...	.598	4.271	2	.096	4.271		12	238...	321...	187...	187...	1...	H1...
44	M109	PIPE...	.677	4.271	2	.172	.208		12	238...	321...	187...	187...	1...	H1...
45	MP1B	PIPE...	.137	1.109	11	.059	1.109		5	211...	321...	187...	187...	1...	H1...
46	M120	SR_0.5	.961	.333	23	1.011	.333		23	602...	636...	53....	53....	1...	H1...
47	M121	SR_0.5	.965	.333	22	1.009	.333		23	602...	636...	53....	53....	1...	H1...
48	M122	SR_0.5	.851	.333	16	.890	.333		17	602...	636...	53....	53....	1...	H1...
49	M123	SR_0.5	.858	.333	17	.889	.333		17	602...	636...	53....	53....	1...	H1...
50	OVP	PIPE...	.248	3.208	12	.019	3.208		12	283...	321...	187...	187...	1...	H1...
51	M129	PL1/2...	.130	0	11	.114	1.083	y	11	634...	972...	101...	121...	2...	H1...
52	M130A	PL1/2...	.125	1.083	3	.114	0	y	3	634...	972...	101...	121...	2...	H1...
53	M131	PL1/2...	.131	0	7	.117	1.083	y	7	634...	972...	101...	121...	2...	H1...
54	MP4C	PIPE...	.698	4.271	12	.101	.208		3	238...	321...	187...	187...	1...	H1...
55	MP4B	PIPE...	.676	4.271	8	.108	.208		11	238...	321...	187...	187...	1...	H1...

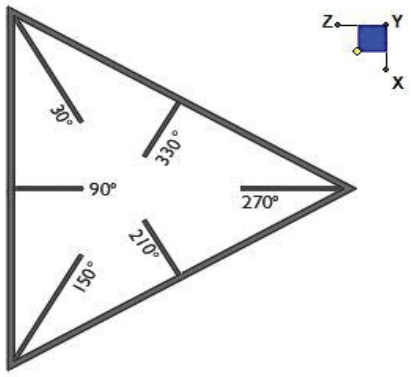
Client:	Verizon	Date:	6/1/2021
Site Name:	West Hartford CT		
Project No.	21777057A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

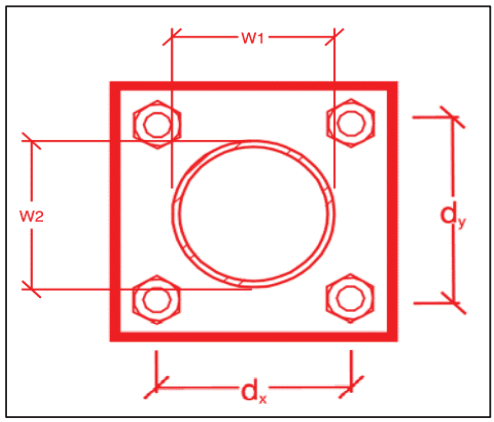
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N171	30
N185	150
N153A	270



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)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	37.7
Required Shear Strength (kips):	14.5
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**45.5%***
Shear Capacity Overall:	**29.2%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	4.76
Plate Bending Capacity:	**52.2%**
Weld Capacity:	**68.4%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	18.4
$Phi*Mn_{xx}$ *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	0.7
$Phi*Mn_{yy}$ *(kip-in)* :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut 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 equipment 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 equipment.

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

-Contractor shall relocate existing mount pipe in position 4 on all sectors (position 1 being on the left side when looking from behind) to be a minimum of 42" from the position 5 mount pipe. Drill in holes in existing face horizontal and support rail members as required.

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: 468977-VZW - WEST HARTFORD CT

Sector: **A**

Structure Type: Monopole

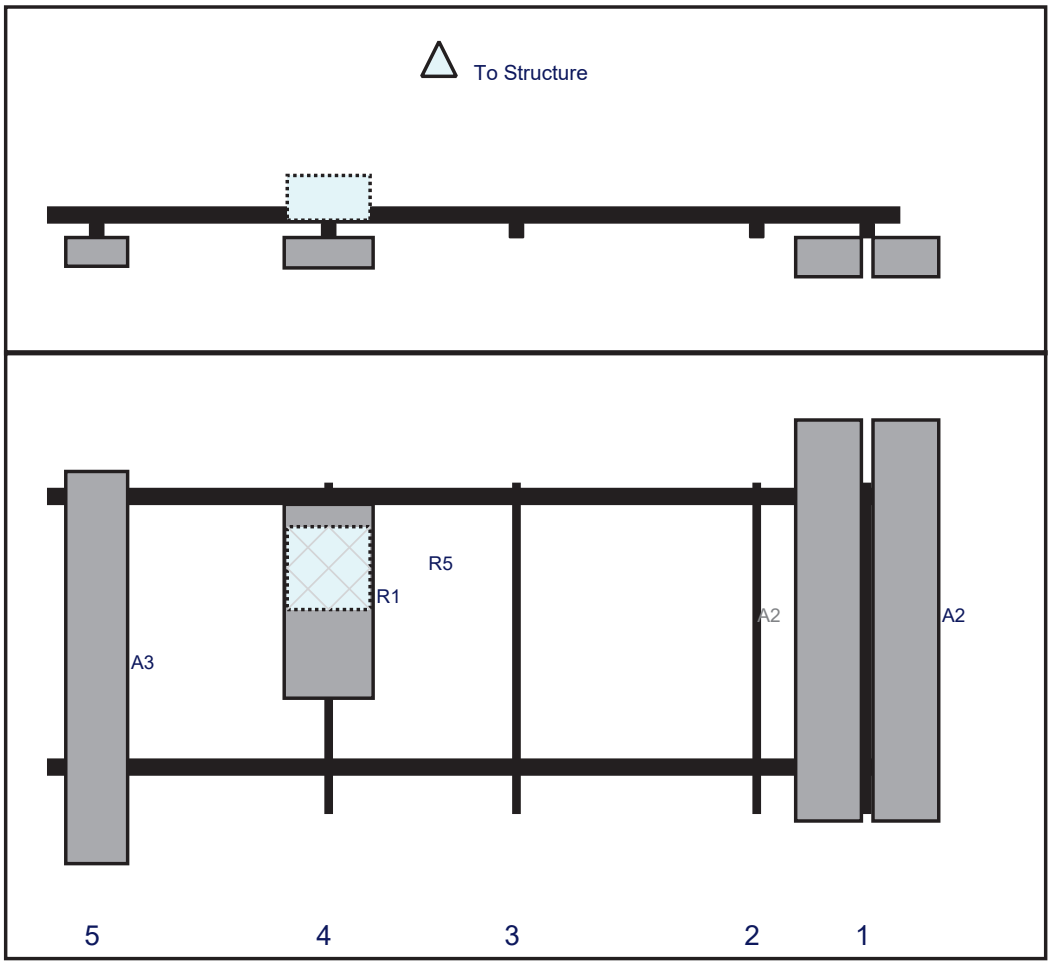
Mount Elev: 145.00

6/1/2021

MASER CONSULTING CONNECTICUT

Plan View

Front View
Looking at Structure

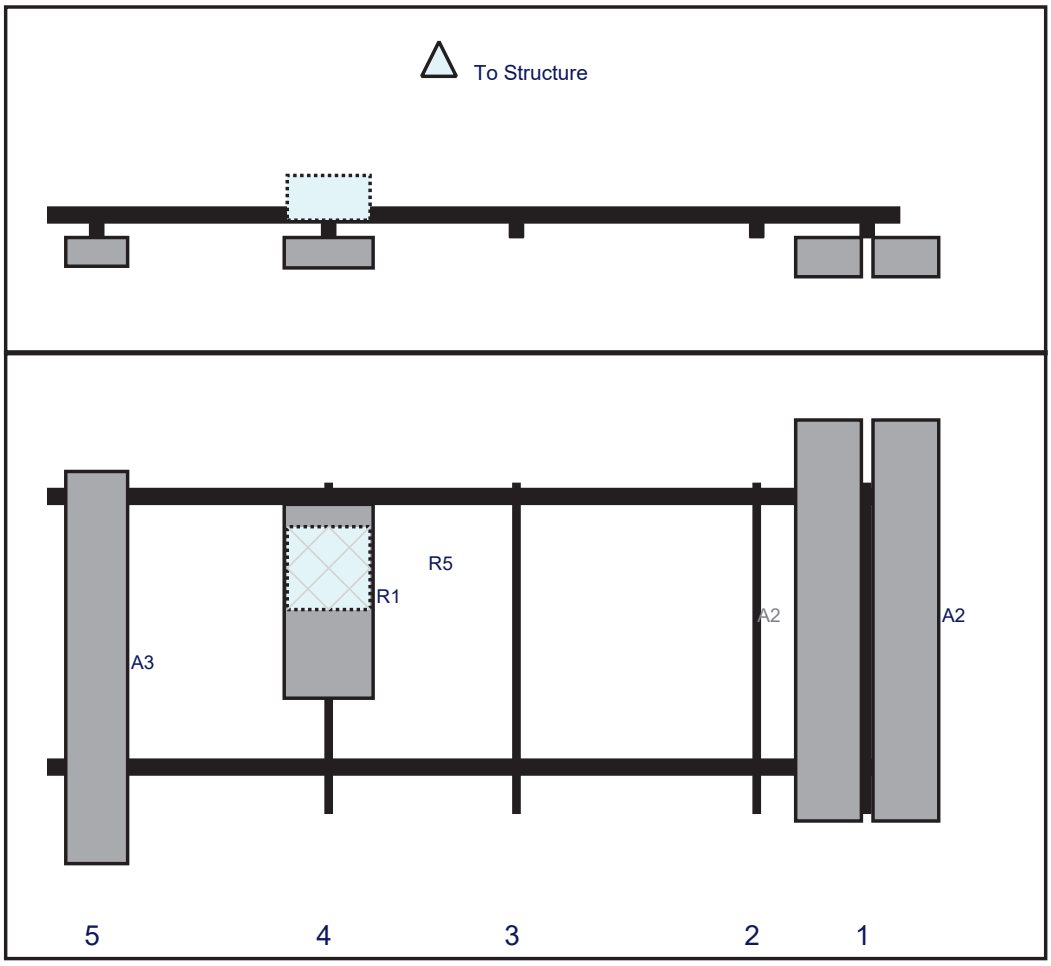


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	SBNHH-1D65B	72.6	11.9	148.5	1	a	Front	24.96	7	Retained	04/11/2021
A2	SBNHH-1D65B	72.6	11.9	148.5	1	b	Front	24.96	-7	Retained	04/11/2021
R1	MT6407-77A	35.1	16.1	51	4	a	Front	21.48	0	Added	
R5	B5/B13 RRH-BR04C	15	15	51	4	a	Behind	15.48	0	Retained	04/11/2021
A3	BXA-70063-6CF-4	71	11.2	9	5	a	Front	33.48	0	Retained	04/11/2021

MASER CONSULTING CONNECTICUT

Plan View

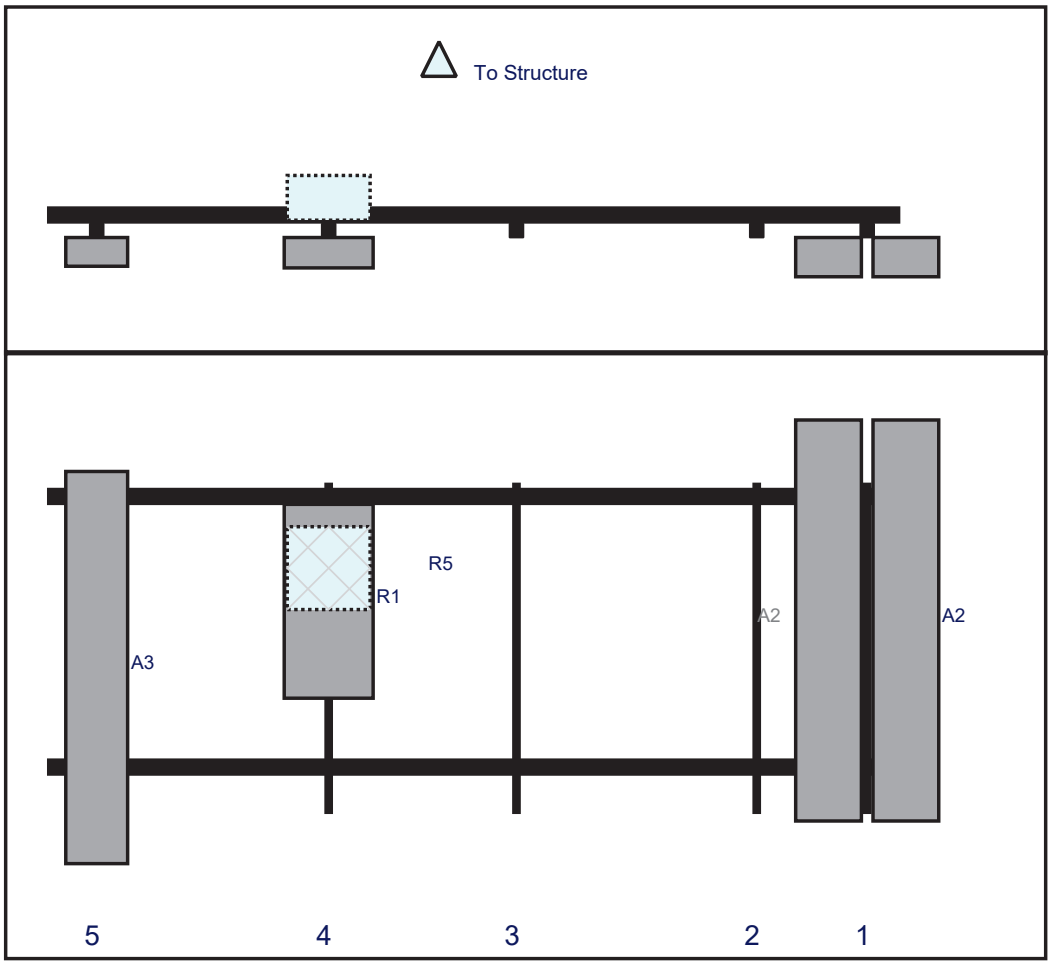
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	51	4	a	Front	21.48	0	Added	
R5	B5/B13 RRH-BR04C	15	15	51	4	a	Behind	15.48	0	Retained	04/11/2021
A3	BXA-70063-6CF-4	71	11.2	9	5	a	Front	33.48	0	Retained	04/11/2021
A2	SBNHH-1D65B	72.6	11.9	148.5	1	a	Front	24.96	7	Retained	04/11/2021
A2	SBNHH-1D65B	72.6	11.9	148.5	1	b	Front	24.96	-7	Retained	04/11/2021

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
A2	SBNHH-1D65B	72.6	11.9	148.5	1	a	Front	24.96	7	Retained	04/11/2021
A2	SBNHH-1D65B	72.6	11.9	148.5	1	b	Front	24.96	-7	Retained	04/11/2021
R1	MT6407-77A	35.1	16.1	51	4	a	Front	21.48	0	Added	
R5	B5/B13 RRH-BR04C	15	15	51	4	a	Behind	15.48	0	Retained	04/11/2021
A3	BXA-70063-6CF-4	71	11.2	9	5	a	Front	33.48	0	Retained	04/11/2021

Maser Consulting Connecticut

Subject:	*TIA-222-H Usage*	
Site Information	*Site ID:*	*468977-VZW / WEST HARTFORD CT*
	Site Name:	*WEST HARTFORD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*570 New Park Drive* *West Hartford, Connecticut 06110* *Hartford County*
	Latitude:	*41.736250°*
	Longitude:	*-72.720611°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.88-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. The 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 map 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 method, seismic analysis, 30-degree increment wind direction and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Derek Hartzell, PE
Technical Specialist

Exhibit F

Power Density/RF Emissions Report

Site Name: ***WEST HARTFORD 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	697	2787	147	0.0046	0.5007	0.93%
VZW CDMA	877.26	2	493	986	147	0.0016	0.5848	0.28%
VZW Cellular	874	4	826	3303	147	0.0055	0.5827	0.94%
VZW PCS	1975	4	1557	6227	147	0.0104	1.0000	1.04%
VZW AWS	2120	4	1541	6163	147	0.0103	1.0000	1.03%
VZW CBAND	3730.005	4	6531	26125	147	0.0435	1.0000	4.35%
Total Percentage of Maximum Permissible Exposure								8.56%

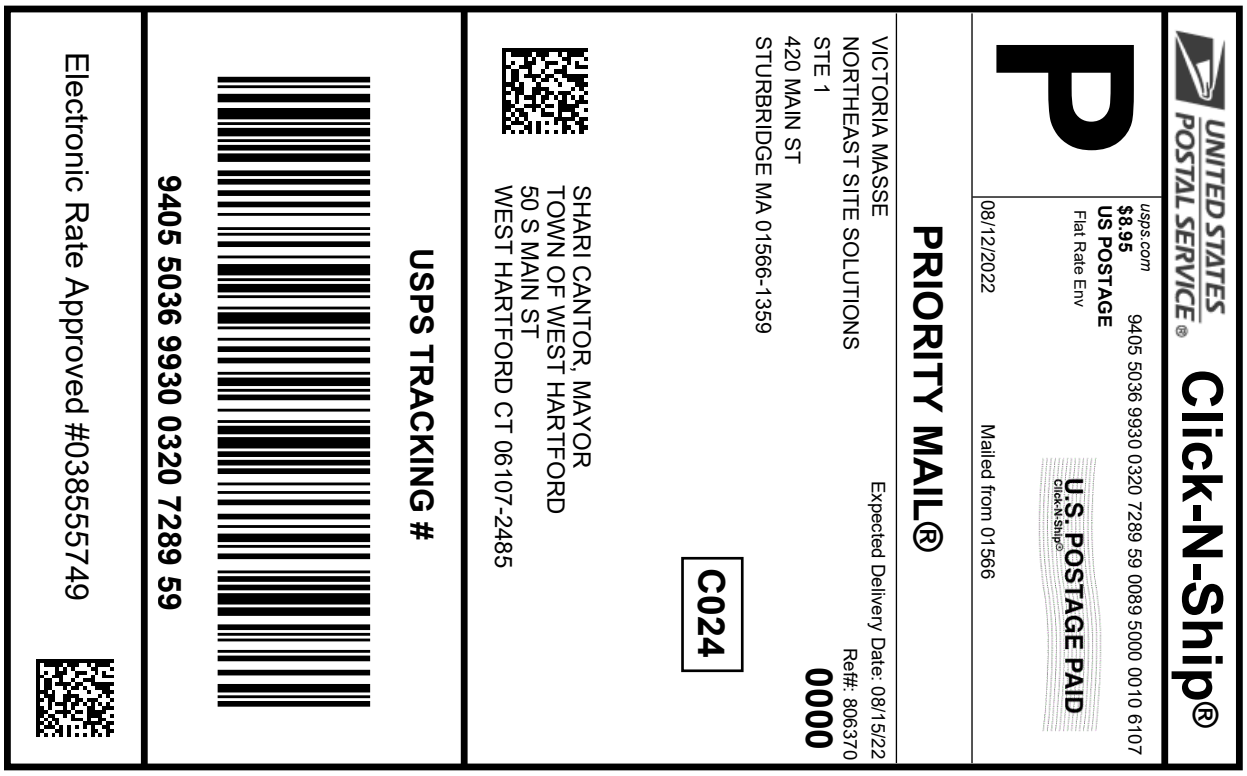
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit G

Recipient Mailings



Cut on dotted line.

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2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0320 7289 59

Trans. #:	569624291
Print Date:	08/12/2022
Ship Date:	08/12/2022
Expected Delivery Date:	08/15/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: VICTORIA MASSE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: 806370

To: SHARI CANTOR, MAYOR
TOWN OF WEST HARTFORD
50 S MAIN ST
WEST HARTFORD CT 06107-2485

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

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9405 5036 9930 0320 7289 66 0089 5000 0010 6107

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PRIORITY MAIL®

Expected Delivery Date: 08/15/22

VICTORIA MASSE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: 806370

0000

C024

TODD DUMAIS, TOWN PLANNER
TOWN OF WEST HARTFORD
50 S MAIN ST
WEST HARTFORD CT 06107-2485

USPS TRACKING #

9405 5036 9930 0320 7289 66

Electronic Rate Approved #038555749

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Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0320 7289 66

Trans. #:	569624291
Print Date:	08/12/2022
Ship Date:	08/12/2022
Expected Delivery Date:	08/15/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: VICTORIA MASSE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

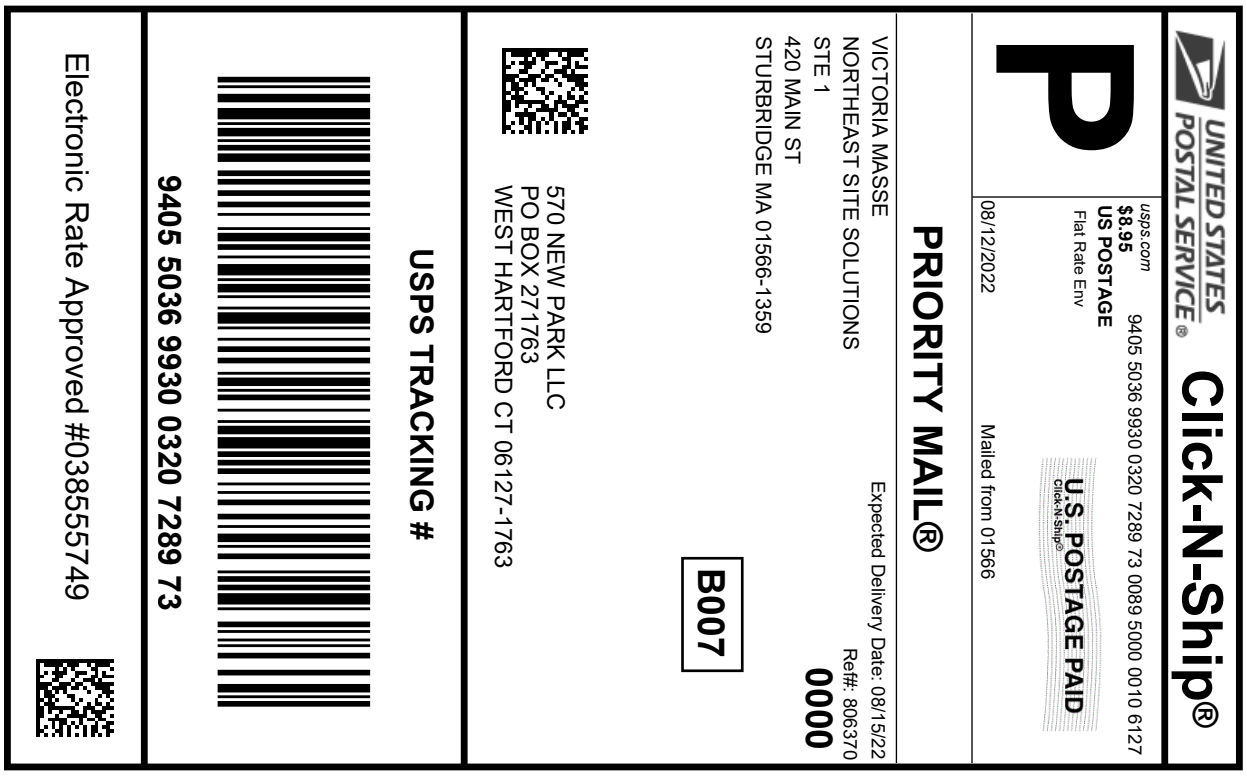
Ref#: 806370

To: TODD DUMAIS, TOWN PLANNER
TOWN OF WEST HARTFORD
50 S MAIN ST
WEST HARTFORD CT 06107-2485

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

UNITED STATES POSTAL SERVICE®

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



Cut on dotted line.

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0320 7289 73

Trans. #:	569624291
Print Date:	08/12/2022
Ship Date:	08/12/2022
Expected Delivery Date:	08/15/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: VICTORIA MASSE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: 806370

To: 570 NEW PARK LLC
PO BOX 271763
WEST HARTFORD CT 06127-1763

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

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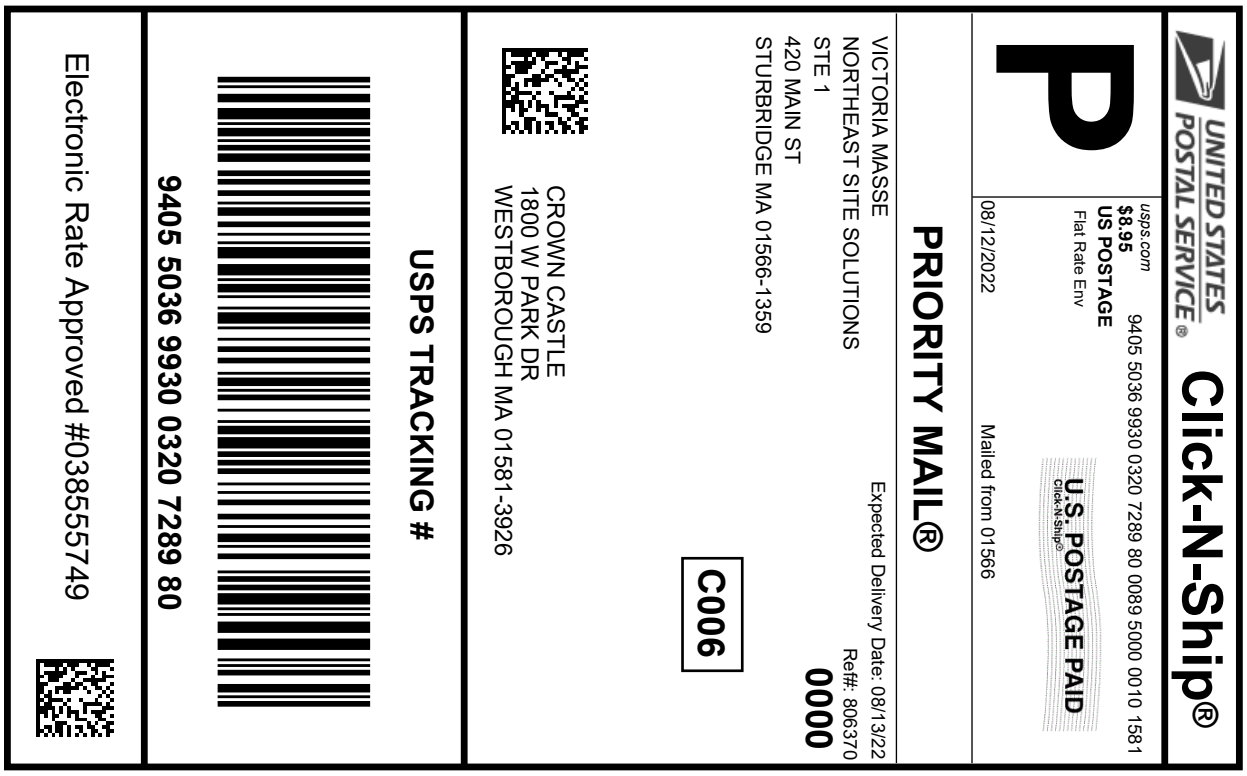

Cut on dotted line.

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0320 7289 80

Trans. #:	569624291
Print Date:	08/12/2022
Ship Date:	08/12/2022
Expected Delivery Date:	08/13/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: VICTORIA MASSE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: 806370

To: CROWN CASTLE
1800 W PARK DR
WESTBOROUGH MA 01581-3926

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com

806370 Cram Vzw

UNITED STATES POSTAL SERVICE.

FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

08/15/2022 02:42 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Mon 08/15/2022 Tracking #: 9405 5036 9930 0320 7289 80	1		$0.00
Prepaid Mail West Hartford, CT 06107 Weight: 1 lb 5.10 oz Acceptance Date: Mon 08/15/2022 Tracking #: 9405 5036 9930 0320 7289 66	1		$0.00
Prepaid Mail West Hartford, CT 06127 Weight: 1 lb 5.00 oz Acceptance Date: Mon 08/15/2022 Tracking #: 9405 5036 9930 0320 7289 73	1		$0.00
Prepaid Mail West Hartford, CT 06107 Weight: 1 lb 5.10 oz Acceptance Date: Mon 08/15/2022 Tracking #: 9405 5036 9930 0320 7289 59	1		$0.00
Grand Total:			$0.00

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Every household in the U.S. is now
eligible to receive a third set
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or call 1-800-410-7420.