Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

June 23, 2021

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

RE: **Notice of Exempt Modification for Verizon**
Crown Site BU: 803843
200 Stanley Street New Britain, CT 06053
Latitude 41° 39' 8.3484" N / Longitude: 72° 46' 2.3484" W

Dear Ms. Bachman:

Verizon currently maintains twelve (12) total antennas at the 103-foot mount on the existing 198- foot monopole tower, located at 200 Stanley Street in New Britain, CT. The tower is owned by Crown Castle and the property is owned by Downes Investments LLC. Verizon now intends to replace (3) existing antennas with (3) new antennas and to add (3) new antennas with (2) new hybrids.

Tower modifications:

- Remove three (3) antennas
- Add six (6) new antennas
- Add two (2) hybrids

Ground modifications:

- None

The facility was approved by the City of New Britain Planning and Zoning Board on June 7, 2001. This approval was given without conditions.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.S.C.A. § 16-50j-73, a copy of this letter is being sent to The Honorable Robert Erin Stewart, Mayor, City of New Britain, David Zajac, Zoning Enforcement Officer/Building Inspector, as well as the property owner.

Additionally:

1. The proposed modifications will not result in an increase in the height of the existing tower.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modification will not increase noise levels at the facility by six decibels or more,

or to levels that exceed state and local criteria.

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

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

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

For the foregoing reasons, Verizon respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j72(b)(2). Please send approval/rejection letter to my attention at the address listed below.

Sincerely,

Sarah Snell
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
T: 508-621-9146
Sarah.Snell@crowncastle.com

Attachments

cc: The Honorable Erin E. Stewart, Mayor (via email only to mayor@newbritainct.gov)
City of New Britain
27 West Main Street
New Britain, CT 06051

David D. Zajac, Zoning Enforcement Officer
City of New Britain
27 West Main Street, Room 404
New Britain, CT 06051

Downes Investments LLC
200 Stanley Street
New Britain, CT 06051
Crown Castle, Tower Owner

Crown Castle, Tower Owner

FedEx Shipment 773989201234: Your package has been delivered

T

TrackingUpdates@fedex.com
To Snell, Sarah

If there are problems with how this message is displayed, click here to view it in a web browser.

FedEx

Hi. Your package was delivered Thu, 06/24/2021 at 9:37am.

Delivered to 200 STANLEY ST, NEW BRITAIN, CT 06051

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	773989201234
FROM	Sarah Snell 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Downes Investments LLC 200 Stanley Street NEW BRITAIN, CT, US, 06051
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Wed 6/23/2021 06:13 PM
PACKAGING TYPE	FedEx Pak
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW BRITAIN, CT, US, 06051
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

FedEx Shipment 773989201234: Your package has been delivered

T

TrackingUpdates@fedex.com
To Snell, Sarah

If there are problems with how this message is displayed, click here to view it in a web browser.

FedEx

Hi. Your package was delivered Thu, 06/24/2021 at 9:37am.

Delivered to 200 STANLEY ST, NEW BRITAIN, CT 06051

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	773989201234
FROM	Sarah Snell 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Downes Investments LLC 200 Stanley Street NEW BRITAIN, CT, US, 06051
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Wed 6/23/2021 06:13 PM
PACKAGING TYPE	FedEx Pak
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW BRITAIN, CT, US, 06051
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Notice of Exempt Modification-200 Stanley Street New Britain - Verizon -Crown BU 803843

Snell, Sarah
To mayor@newbritainct.gov

Reply | Reply All | Forward | ...

Wed 6/23/2021 3:14 PM

803843_552668_CT NEW BRITAIN 4 CAC_CSC Eligible Facilities Request Ltr. Zoning PKG_6.23.2021- Email Copy.pdf
5 MB

Dear Mayor Stewart:

Attached please find AT&T's exempt modification application that is being submitted to the Connecticut Siting Council tomorrow, June 23, 2021.

In light of the present circumstances with Covid-19, The Council has advised that electronic notification of this filing is acceptable. Kindly confirm receipt. Thank you.

Regards,

Sarah Snell
Site Acquisition Specialist
O: 508-621-9146 M: 978-886-1765

CROWN CASTLE
1800 W. Park Drive
Westborough, MA 01581
CrownCastle.com

Exhibit A

Original Facility Approval

Date: 10/12/01

A request has been made for a Certificate of Occupancy :

Project location: 200 STANLEY STREET (TOWER/PLATFORM)

The Final Inspection by the Building Department is scheduled on 10/17/01 at 10:00
Please adjust your inspections accordingly.

Any comments regarding corrections please forward directly to the applicant.

Applicant: CROWN CASTLE INTERNATIONAL, LLC ***Tel:*** 1 860 558-3178

Applicant address: 703 HEBRON AVENUE, GLASTONBURY, CT

Prompt return of this form with your recomendation is greatly appreciated.
Thank you for your attention and consideration in this matter.

Recommended			C.O.	T.C.O	Denied
☐	James Delldonna	Acting *Fire Marshal*	☐	☐	☐
☒	*Joseph F. Carilli,*	*Director of Public Works (PT)*	☐	☐	☐
☒	*Kenneth A. Malinowski*	*Director of Department of Municipal Development (SS)*	☐	☐	☐
☐	*Hudson Birden, Jr., Director of Health Department*		☐	☐	☐

CT New Britain 803843

TO: Frank M. Wiatr, Director, LP&I

FROM: Clarance Corbin, City Engineer

DATE: 7 Jun 01

RE: Site Plan Review - 200 Stanley Street - Tower

This site plan is approved as submitted.

cc: S. Schiller

Exhibit B

Property Card

200 STANLEY ST

Location	200 STANLEY ST	**Mblu**	B10B/ 11/ / /
Acct#	81300200	**Owner**	DOWNES INVESTMENTS LLC
Assessment	$556,500	**Appraisal**	$795,000
PID	1486	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$626,600	$168,400	$795,000
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$438,620	$117,880	$556,500

Owner of Record

Owner	DOWNES INVESTMENTS LLC	**Sale Price**	$327,818
Co-Owner		**Certificate**	1
Address	200 STANLEY ST NEW BRITAIN, CT 06051	**Book & Page**	1827/0193
		Sale Date	10/17/2011
		Instrument	19

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
DOWNES INVESTMENTS LLC	$327,818	1	1827/0193	19	10/17/2011
DOWNES INVESTMENTS LLC	$0		1386/0135		10/16/2001
DOWNES INVESTMENTS LLC	$0		1351/0908		11/03/2000
JOHN E DOWNES TRUSTEE	$0		1104/0267		07/03/1991
DOWNES JOHN E	$0		1105/0413		06/24/1991
	$0		1096/0023		02/20/1991
FRANK E DOWNES	$0		0363/0493		01/13/1953
LANDERS FRARY + CLARK	$0		0168/0438		01/01/1900

Building Information

Building 1 : Section 1

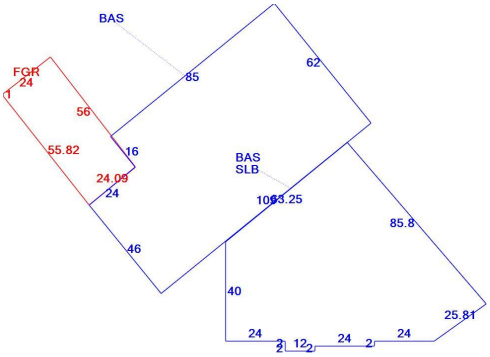
Year Built: 1954
Living Area: 11,913
Replacement Cost: $1,230,847
Building Percent Good: 44
Replacement Cost Less Depreciation: $541,600

Building Attributes	
Field	**Description**
Style:	Office
Model	Comm/Ind
Grade	C
Stories:	1
Occupancy	1.00
Exterior Wall 1	Block/Concrete
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	T&G/Rubber
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Carpet
Interior Floor 2	
Central Heat	Yes
AC Type	Central
Struct Class	
Bldg Use	Office Bld MDL-94
Apt Units	
Total Bedrms	00
Total Baths	0
Comm Units	1
Ind Units	
1st Floor Use:	3400
Heat/AC	Heat/AC Pkgs
Frame Type	Masonry
Baths/Plumbing	Average
Ceiling/Wall	Sus-Ceil & WL
Rooms/Prtns	Average
Wall Height	12.00
% Comn Wall	

Building Photo

(http://images.vgsi.com/photos/NewBritainCTPhotos//\00\02\11\63.JPG)

Building Layout



(ParcelSketch.ashx?pid=1486&bid=2038)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
BAS	First Floor	11,913	11,913
FGR	Garage	1,371	0
SLB	Slab	5,539	0
		18,823	11,913

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	3400
Description	Office Bld MDL-94
Zone	I2
Neighborhood	107H
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	2.18
Depth	
Assessed Value	$117,880
Appraised Value	$168,400

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
FN1	Fence - Chain			2520.00 L.F.	$18,000	1
PAV1	Paving Asphalt			10000.00 S.F.	$9,600	1
CB3	PreCastConcCel			240.00 S.F.	$55,400	1
FN4	Fence-8' Chain			168.00 L.F.	$2,100	1

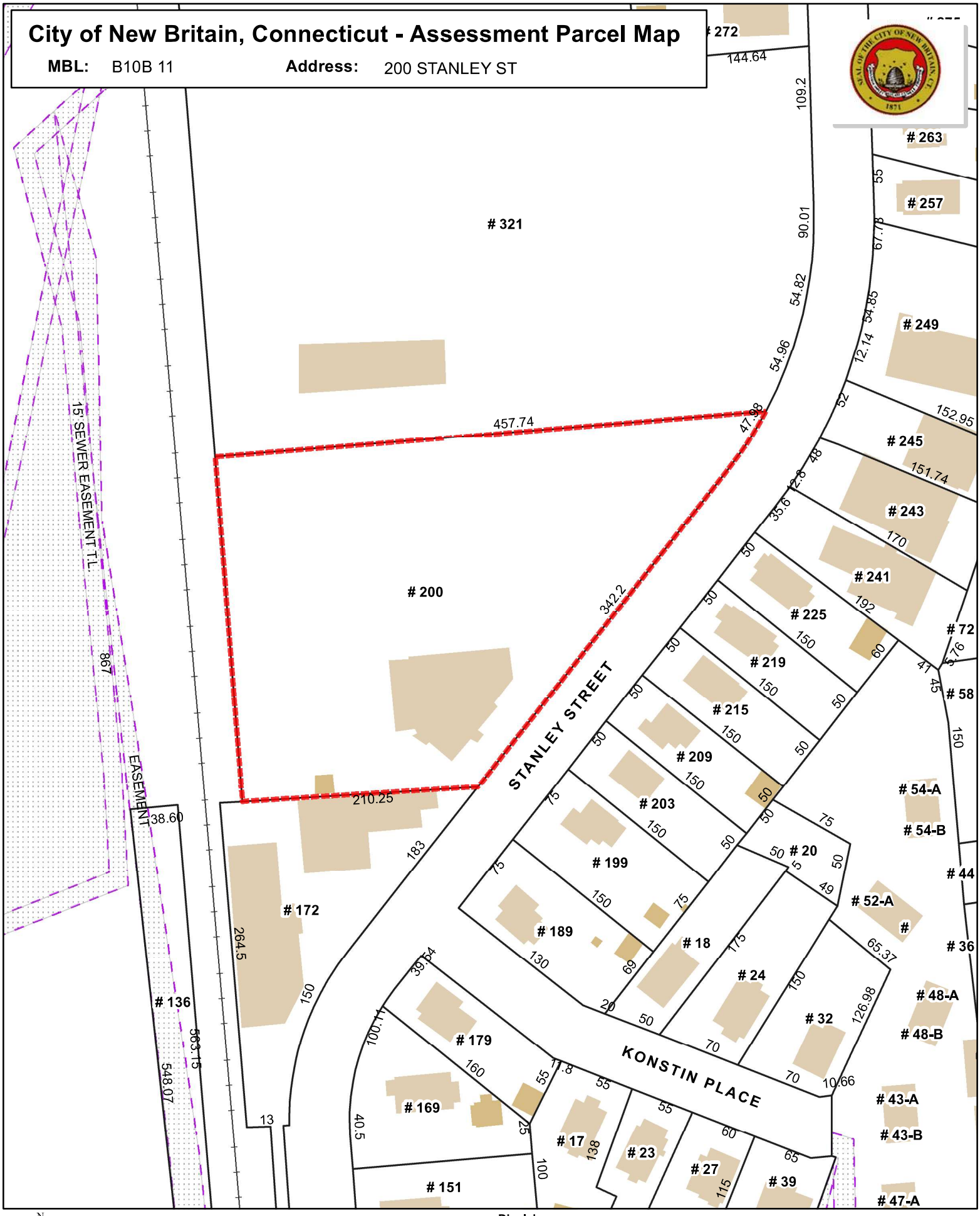
Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$626,600	$168,400	$795,000
2019	$626,600	$168,400	$795,000
2018	$626,600	$168,400	$795,000

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$438,620	$117,880	$556,500
2019	$438,620	$117,880	$556,500
2018	$438,620	$117,880	$556,500

City of New Britain, Connecticut - Assessment Parcel Map

MBL: B10B 11 **Address:** 200 STANLEY ST



Approximate Scale:

1 inch = 100 feet

Disclaimer:
This map is for informational purposes only.
All information is subject to verification by any user.
The City of New Britain and its mapping contractors
assume no legal responsibility for the information contained herein.

Map Produced April 2020

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 324447
VERIZON SITE NAME: NEW BRITAIN 4 CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 195-0"

BUSINESS UNIT #: 803843
SITE ADDRESS: 200 STANLEY STREET NEW BRITAIN, CT 06051
COUNTY: HARTFORD
JURISDICTION: CITY OF NEW BRITAIN

VERIZON FUZE PROJECT #: 16231995

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	CT NEW BRITAIN 4 CAC
SITE ADDRESS:	200 STANLEY STREET NEW BRITAIN, CT 06051
COUNTY:	HARTFORD
MAP/PARCEL #:	TBD
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 39' 8.3484" N (41.652319°)
LONGITUDE:	72° 46' 2.3484" W (-72.767319°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	103'
CURRENT ZONING:	TBD
JURISDICTION:	CITY OF NEW BRITAIN
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TBD TBD TBD
TOWER OWNER:	CCATT LLC 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD TBD
TELCO PROVIDER:	TBD TBD

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1500 CORPORATE DRIVE CANONSBURG, PA 15317 TBD - PROJECT MANAGER -- TBD - CONSTRUCTION MANAGER --
VERIZON CONTACT:	SABRINA LANCASTER SABRINA.LANCASTER@VERIZONWIRELESS.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 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

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

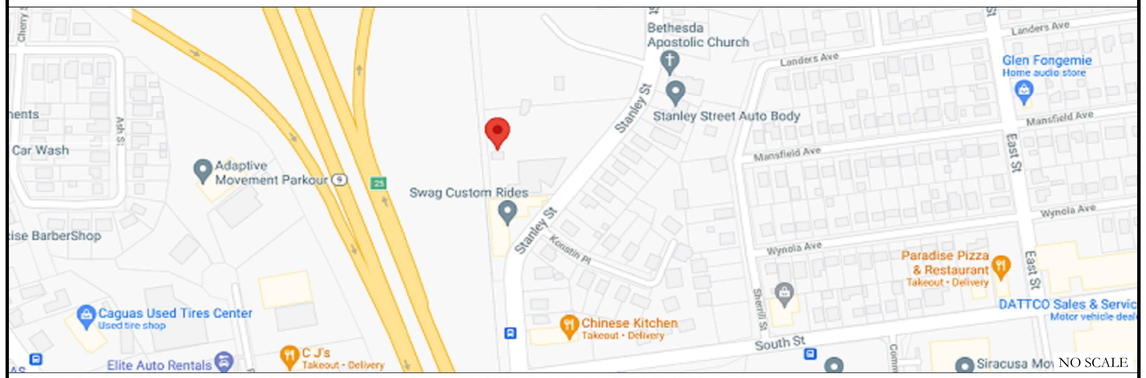
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	**N**

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921)
DEPART AND HEAD TOWARD WASHINGTON VALLEY RD / COUNTY HWY-620, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE RAMP ON THE LEFT FOR I-287 N, TAKE THE RAMP ON THE RIGHT FOR I-287 / I-87 SOUTH AND HEAD TOWARD NEW YORK CITY / TAPPAN ZEE BR, KEEP STRAIGHT TO GET ONTO I-287 E / CROSS WESTCHESTER EXPY E, AT EXIT 9S-N, HEAD RIGHT ON THE RAMP FOR NY-119 / WESTCHESTER AVE TOWARD HUTCHINSON PKWY / MERRITT PKWY / WHITESTONE BRG, AT EXIT 9N, HEAD RIGHT ON THE RAMP FOR HUTCHINSON PKWY N TOWARD MERRITT PKWY, ROAD NAME CHANGES TO CT-15 N / MERRITT PKWY N, AT EXIT 68N-E, HEAD RIGHT ON THE RAMP FOR I-91 NORTH TOWARD HARTFORD / MIDDLETOWN, AT EXIT 22N-S, HEAD RIGHT ON THE RAMP FOR CT-9 TOWARD MIDDLETOWN / NEW BRITAIN, AT EXIT 24, HEAD LEFT ON THE RAMP FOR CT-571 TOWARD KENSINGTON, TAKE THE RAMP ON THE RIGHT FOR CT-71 AND HEAD TOWARD KENSINGTON, TURN RIGHT ONTO CT-71 / NEW BRITAIN RD, TURN RIGHT ONTO VETERANS DR., SCHALLER AUTO BODY ON THE CORNER, TURN RIGHT ONTO SOUTH ST, ARRIVE AT 200 STANLEY STREET NEW BRITAIN, CT 06051

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2018 CT STATE BUILDING CODE
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BY OTHERS
DATED:	
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	03/31/2021
RFDS REVISION:	TBD
DATED:	03/24/2021
ORDER ID:	552668
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
- REMOVE (2) HYBRID CABLE
- INSTALL (6) ANTENNAS
- INSTALL (2) HYBRID CABLE

GROUND SCOPE OF WORK:
- N/A

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER
6/22/21

SHEET NUMBER: T-1
REVISION: A

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

CONDUCTOR COLOR CODE

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

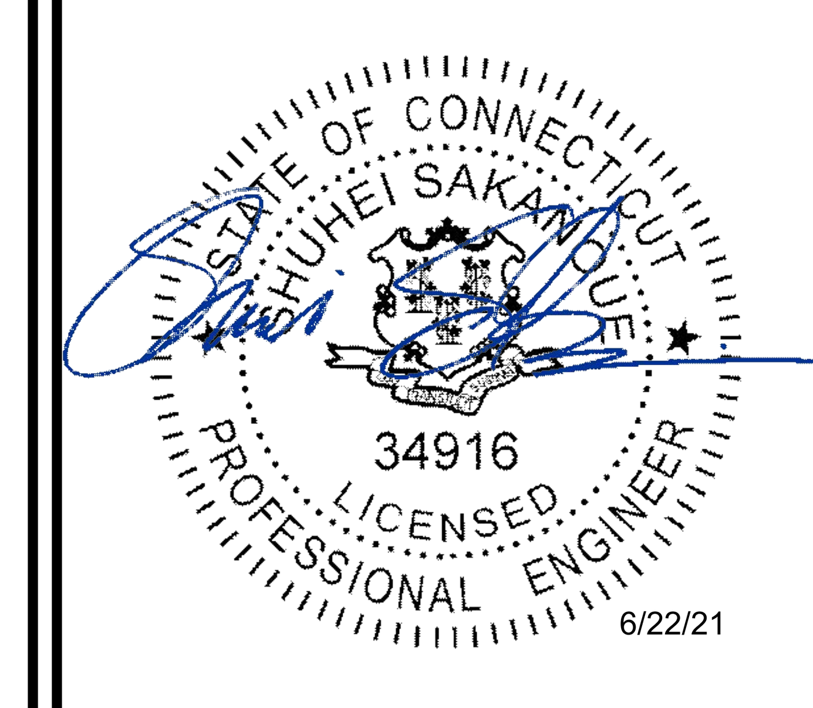
BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

ISSUED FOR:

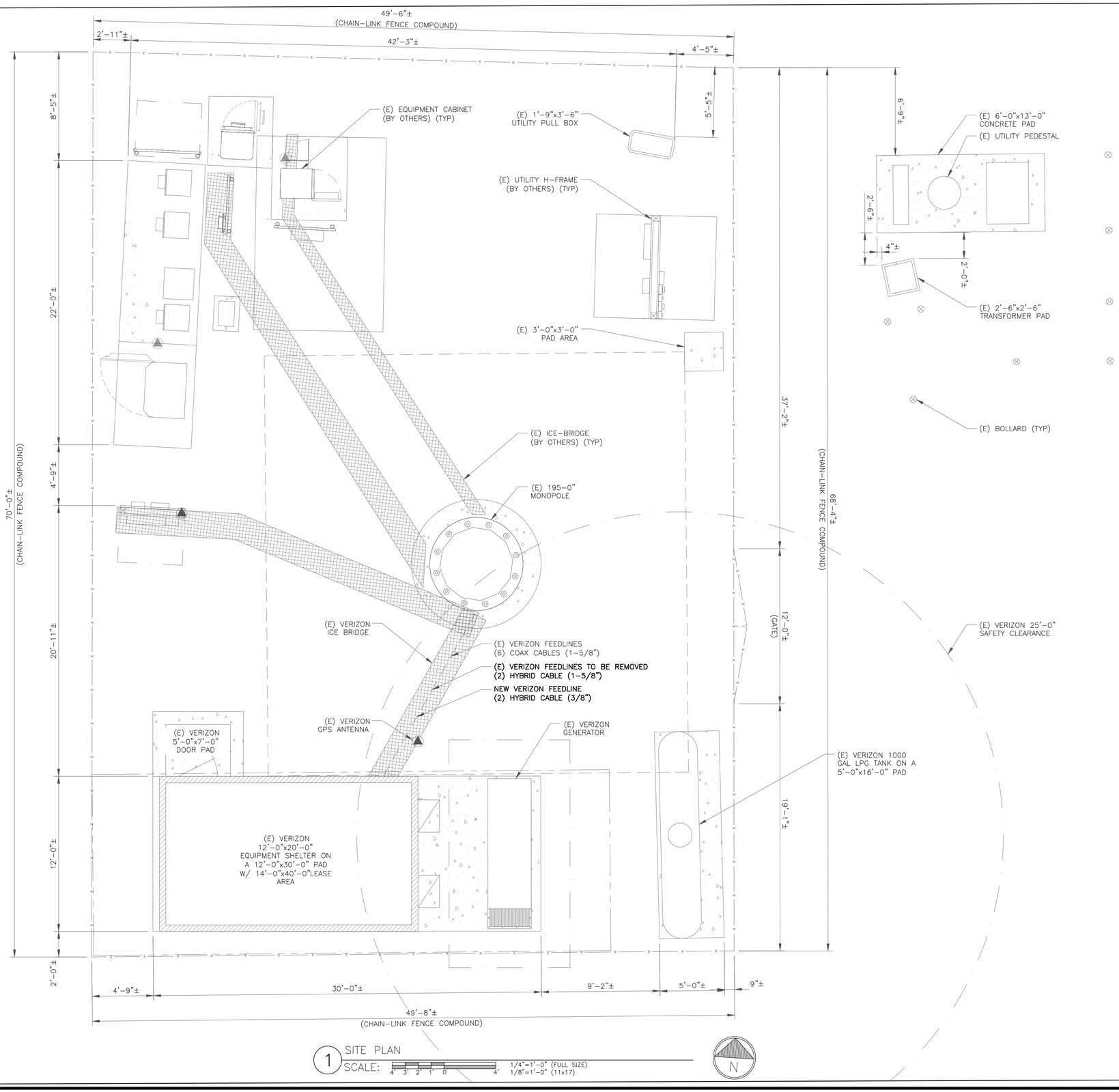
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--



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

SHEET NUMBER: **T-2**

REVISION: **A**



1 SITE PLAN

SCALE: 4' 3' 2' 1' 0 4' 1/4"=1'-0" (FULL SIZE) 1/8"=1'-0" (11x17)

verizon

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE

1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY

FROM ZERO TO INFINIGY
the solutions are endless

BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--

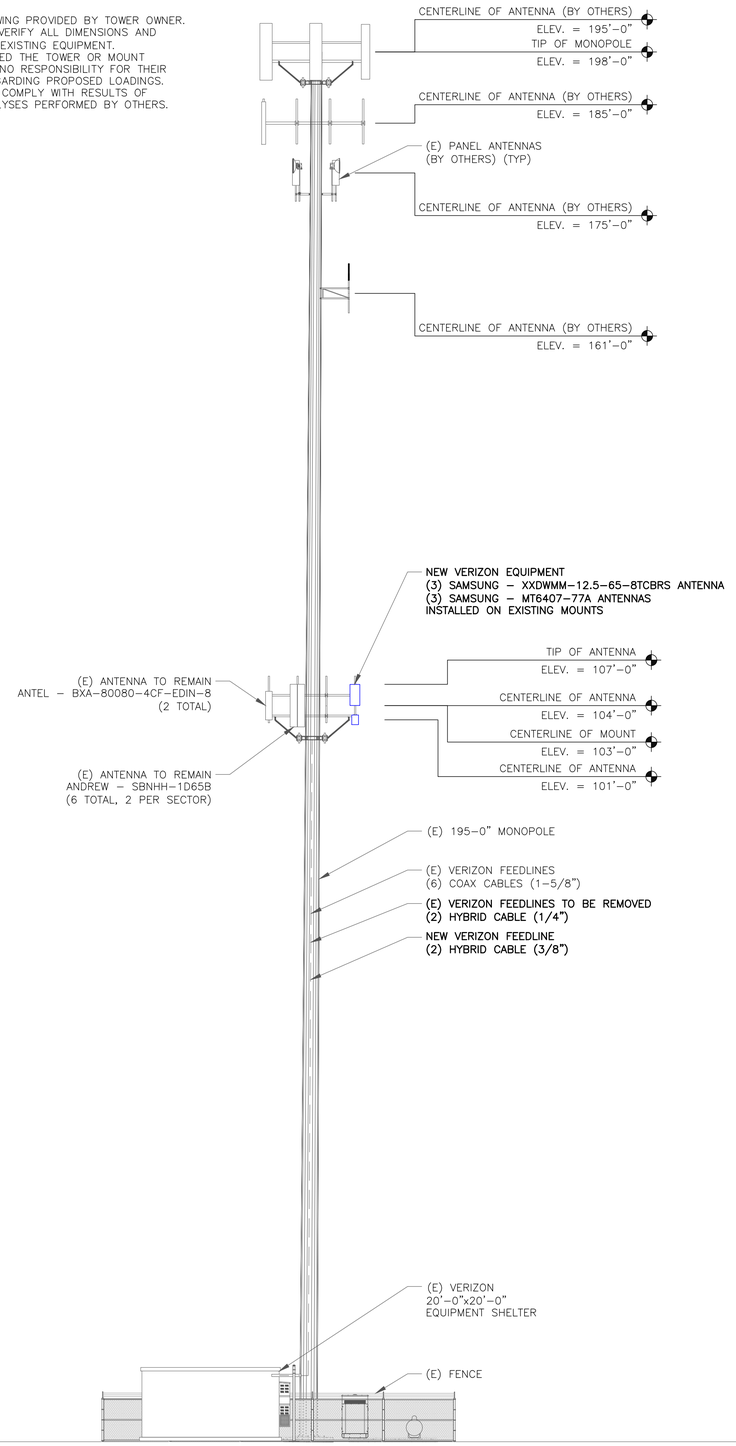
STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED
PROFESSIONAL ENGINEER
6/22/21

SHEET NUMBER: C-1

REVISION: A

NOTES:

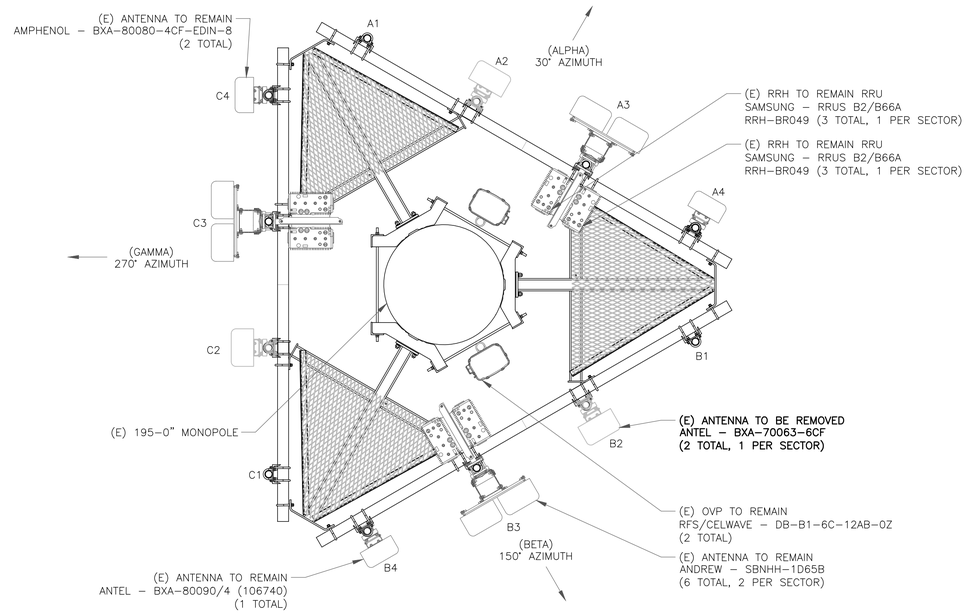
1. ELEVATION BASED ON DRAWING PROVIDED BY TOWER OWNER. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATION/ORIENTATION OF EXISTING EQUIPMENT.
2. INFINIGY HAS NOT EVALUATED THE TOWER OR MOUNT STRUCTURE AND ASSUMES NO RESPONSIBILITY FOR THEIR STRUCTURAL INTEGRITY REGARDING PROPOSED LOADINGS. FINAL INSTALLATION SHALL COMPLY WITH RESULTS OF PASSING STRUCTURAL ANALYSES PERFORMED BY OTHERS.



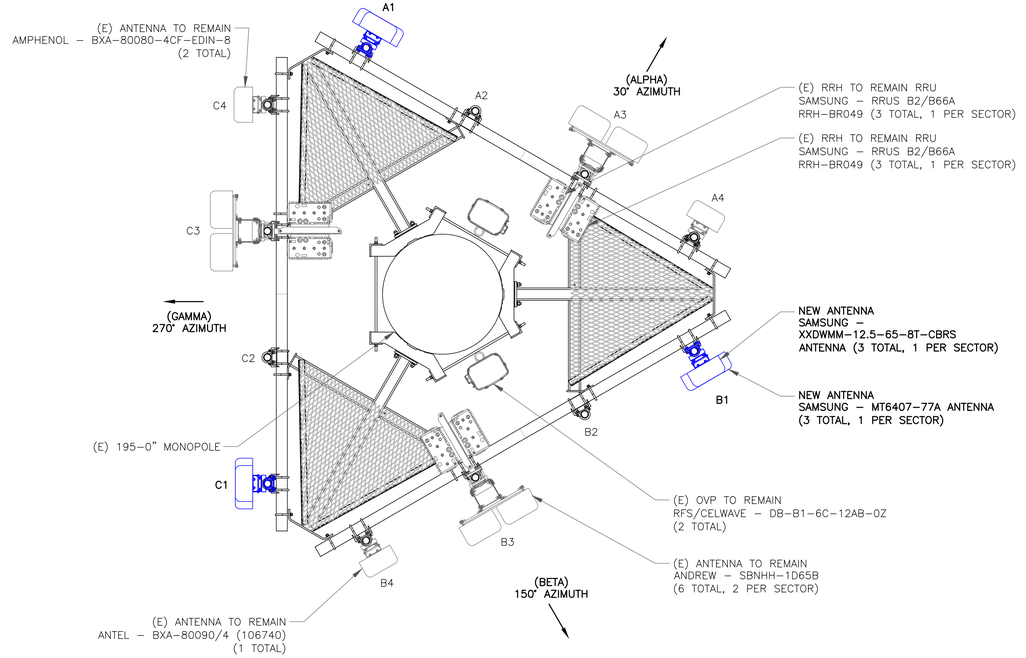
VERIZON EQUIPMENT

ANTENNA CL: 104'-0"
MOUNT CL: 103'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

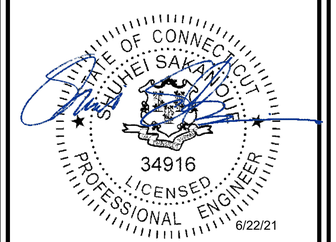
BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--



SHEET NUMBER: C-2

REVISION: A

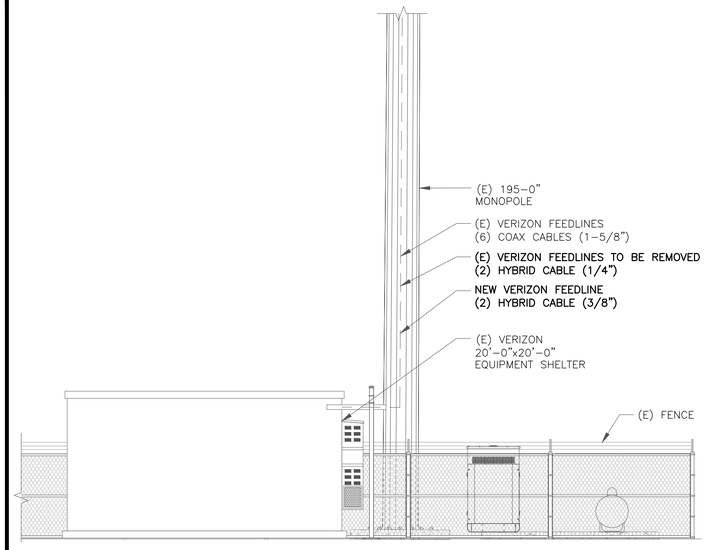
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	NEW	SAMSUNG	MT6407-77A	104'-0"	30°	0°	3°	RFS/CELWAVE	(1) RRFDC-3315-PF-48
	NEW	SAMSUNG	XXDWMM-12.5-65-8TCBRS	101'-0"		0°	8°		
A2	–	–	–	–	–	–	–		
A3	EXISTING	ANDREW	(2) SBNHH-1D65B	104'-0"	30°	0°	8°/8°/2°/2°	SAMSUNG SAMSUNG	(1) B2/B66A RRH-BR049 (RFV01U-D1A) (1) B5/B13 RRH-BR04C (RFV01U-D2A)
A4	EXISTING	AMPHENOL	BXA-80080-4CF-EDIN-8	104'-0"	30°	0°	8°	–	–
B1	NEW	SAMSUNG	MT6407-77A	104'-0"	150°	0°	3°	RFS/CELWAVE	(1) RRFDC-3315-PF-48
	NEW	SAMSUNG	XXDWMM-12.5-65-8TCBRS	101'-0"		0°	8°		
B2	–	–	–	–	–	–	–		
B3	EXISTING	ANDREW	(2) SBNHH-1D65B	104'-0"	150°	0°	9°/9°/2°/2°	SAMSUNG SAMSUNG	(1) B2/B66A RRH-BR049 (RFV01U-D1A) (1) B5/B13 RRH-BR04C (RFV01U-D2A)
B4	EXISTING	AMPHENOL	BXA-80080-4CF-EDIN-8	104'-0"	150°	0°	8°	–	–
C1	NEW	SAMSUNG	MT6407-77A	104'-0"	270°	0°	3°	–	–
	NEW	SAMSUNG	XXDWMM-12.5-65-8TCBRS	101'-0"		0°	8°		
C2	–	–	–	–	–	–	–		
C3	EXISTING	ANDREW	(2) SBNHH-1D65B	104'-0"	270°	0°	0°/0°/2°/2°	SAMSUNG SAMSUNG	(1) B2/B66A RRH-BR049 (RFV01U-D1A) (1) B5/B13 RRH-BR04C (RFV01U-D2A)
C4	EXISTING	ANTEL	BXA-80090/4 (106740)	104'-0"	270°	0°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	HYBRID	1-5/8"	154'-0"±	2
EXISTING	COAX	1-5/8"	154'-0"±	6
TOTAL CABLE QTY:				8



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

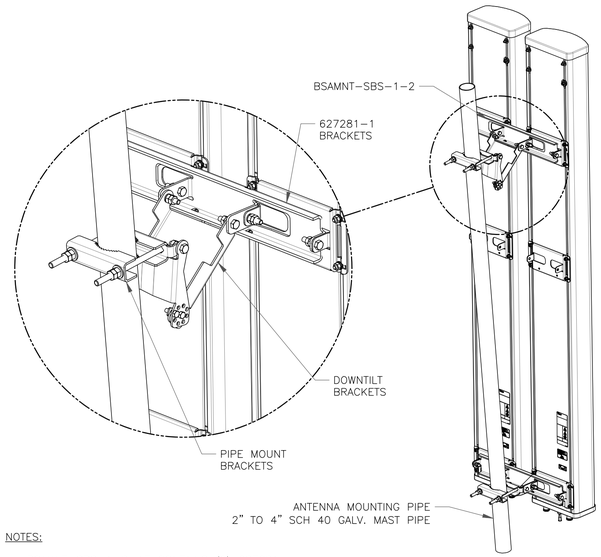
EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER
6/22/21

SHEET NUMBER: C-3
REVISION: A

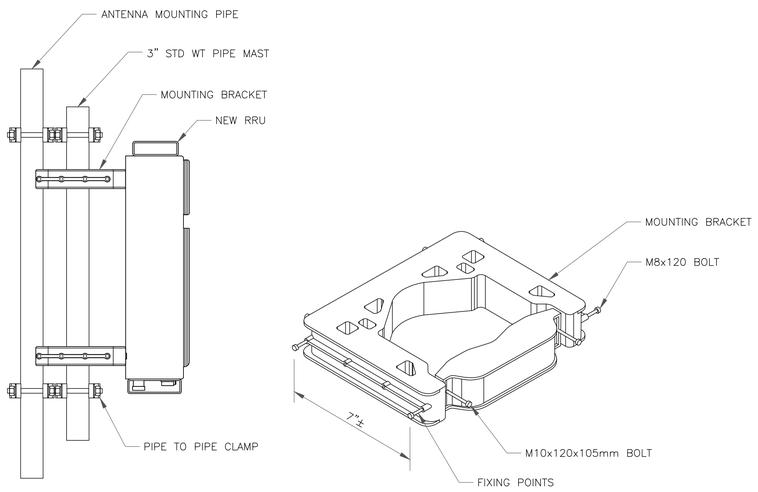


NOTES:

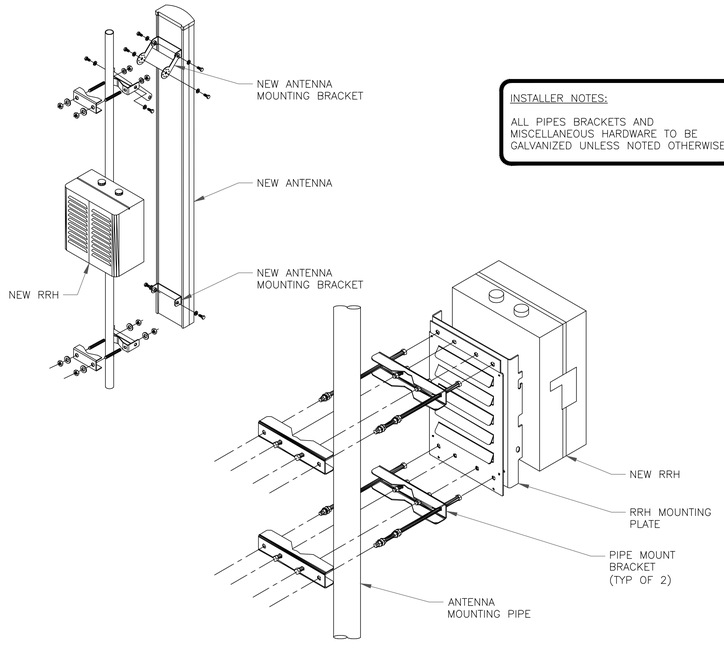
- BSAMNT–SBS–1–2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



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



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

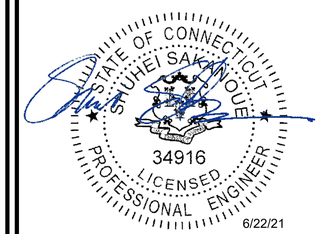
BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--



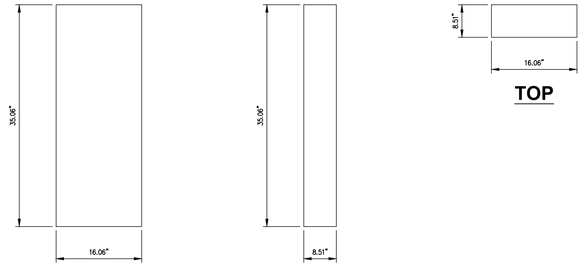
SHEET NUMBER: C-4

REVISION: A

SAMSUNG PANEL ANTENNA (MT6407-77A)

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

WEIGHT, W/O BRACKETS: 81.57 lbs

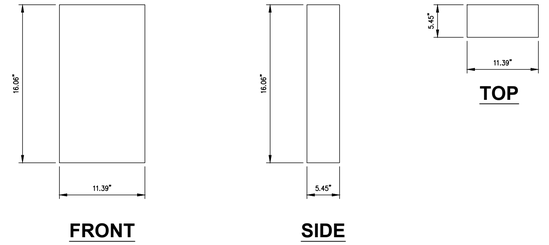


2 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

SAMSUNG PANEL ANTENNA (XXDWMM-12.5-65-8TCBRS)

DIMENSIONS, HxWxD: 16.16"x11.39"x5.45"

WEIGHT, W/O BRACKETS: 23.14 lbs



3 SAMSUNG XXDWMM-12.5-65-8TCBRS ANTENNA DETAIL
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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

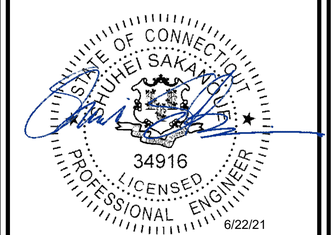
BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

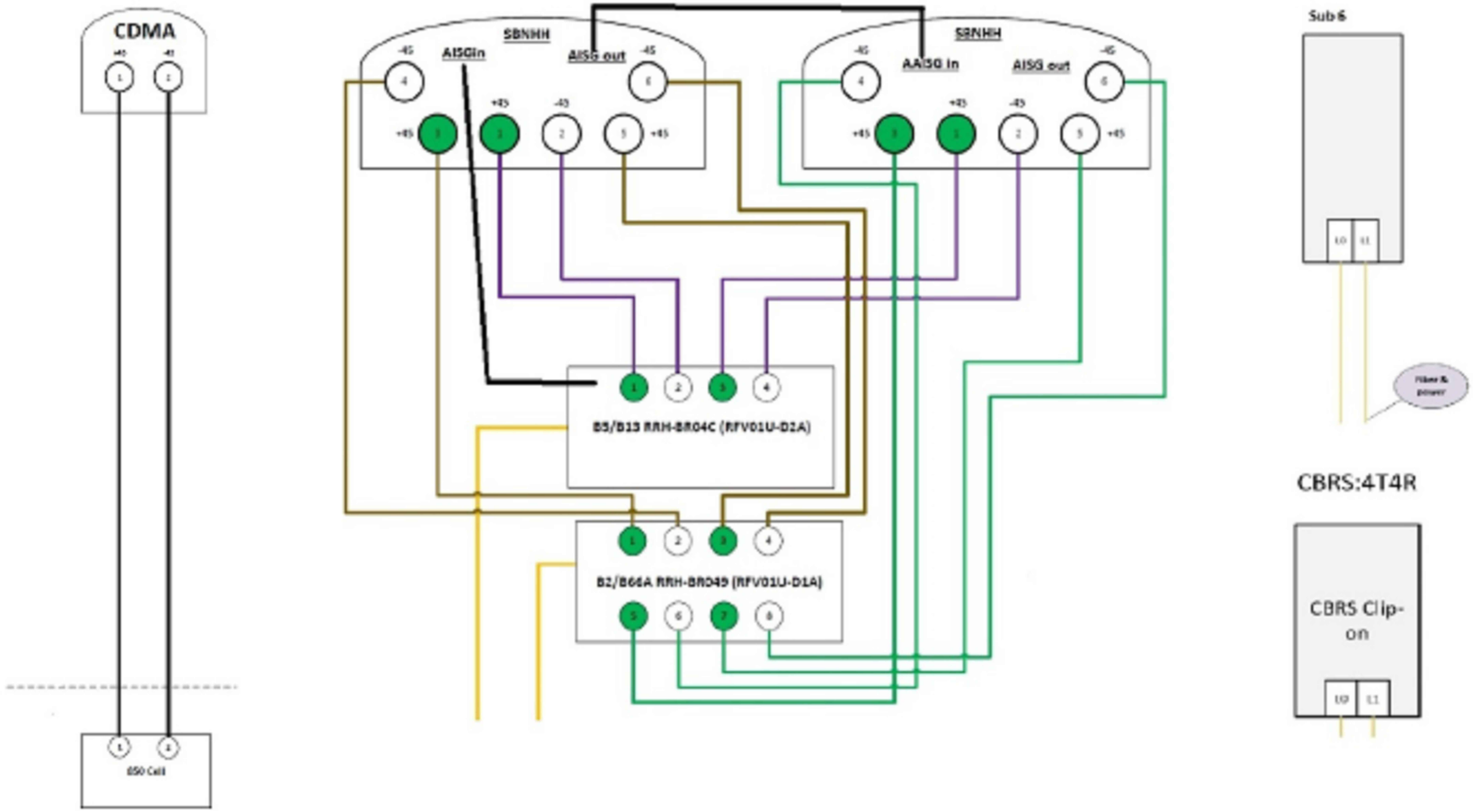
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--



SHEET NUMBER: C-5

REVISION: A



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

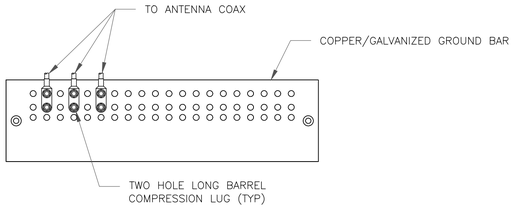
EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--

STATE OF CONNECTICUT
YUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER
6/22/21

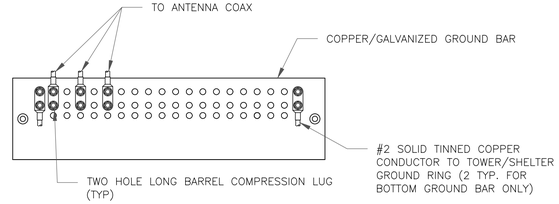
SHEET NUMBER: C-6
REVISION: A



NOTES:

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

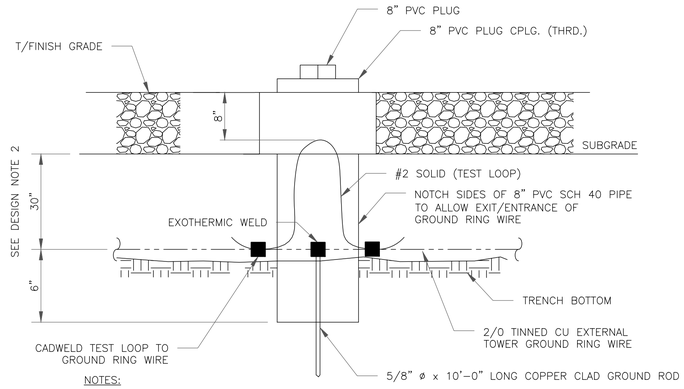
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

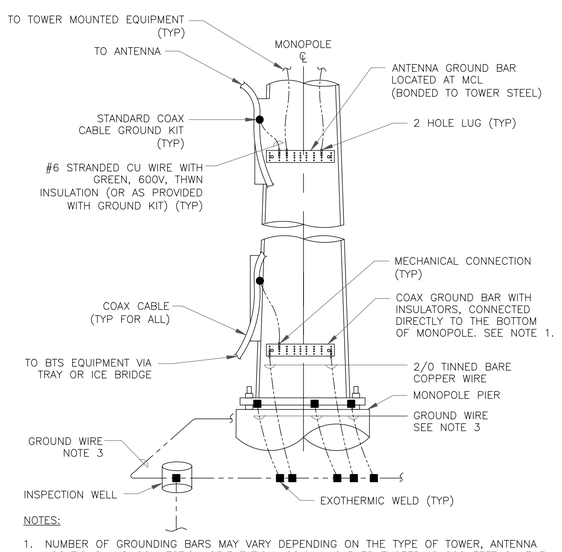
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

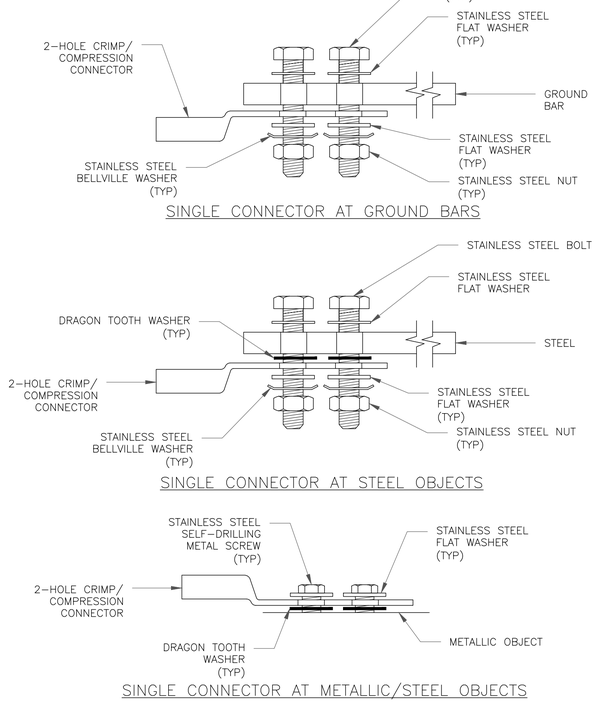
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



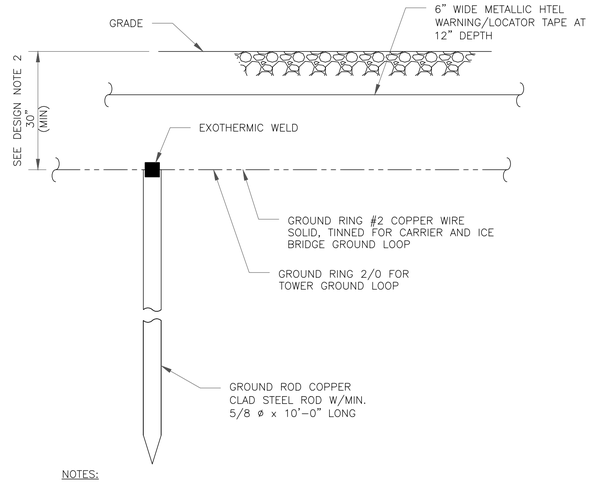
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

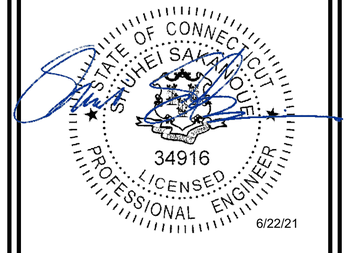
BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

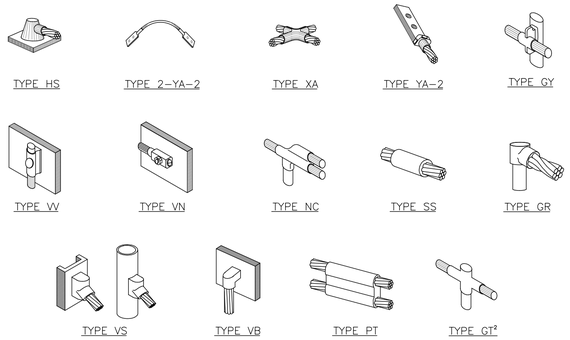
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--



SHEET NUMBER: G-1

REVISION: A

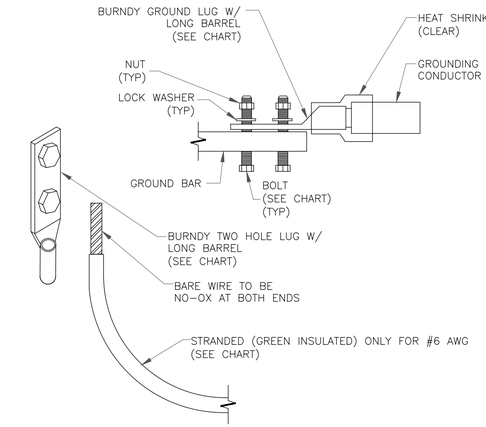


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

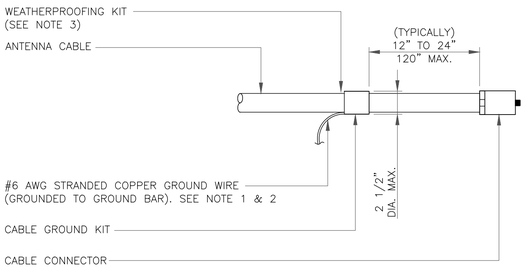
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

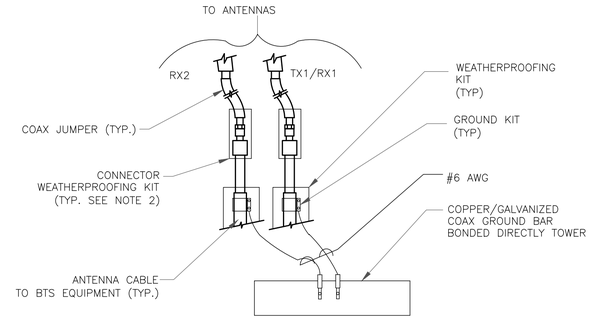
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

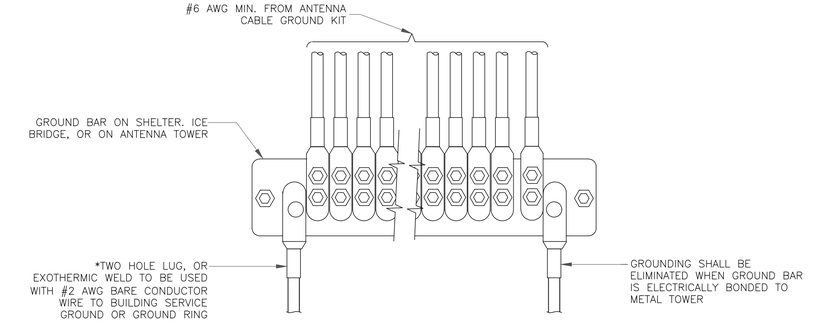
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



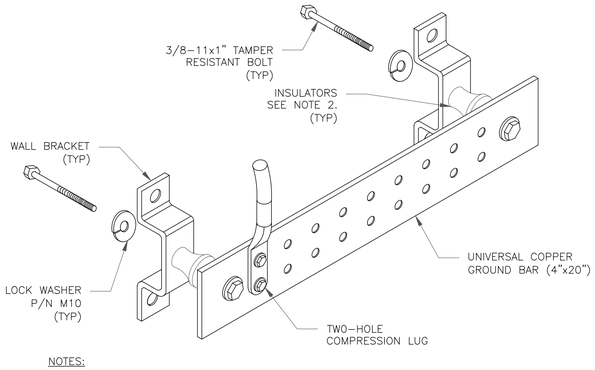
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



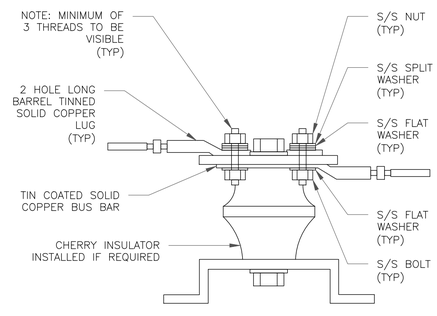
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



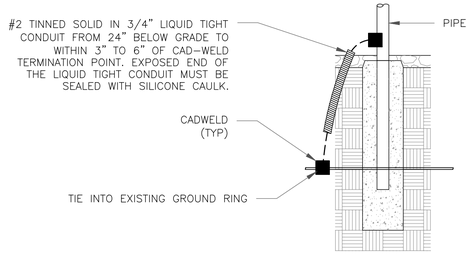
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
324447

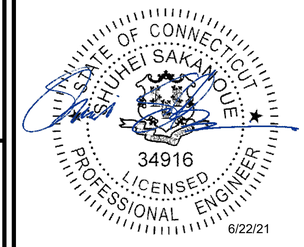
BU #: **803843**
CT NEW BRITAIN 4 CAC

200 STANLEY STREET
NEW BRITAIN, CT 06051

EXISTING 195-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/27/2021	RCD	FINAL	--
1	06/22/2021	RCD	FINAL	--



SHEET NUMBER: G-2

REVISION: A

Exhibit D

Structural Analysis Report

Date: **April 29, 2021**

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467499
	Site Name:	New Britain 4 CT
Crown Castle Designation:	**BU Number:**	803843
	Site Name:	CT New Britain 4 CAC 803843
	JDE Job Number:	644591
	Work Order Number:	1957358
	Order Number:	552668 Rev. 0
Engineering Firm Designation:	**TEP Project Number:**	217212.537154
Site Data:	**200 Stanley Street, New Britain, Hartford County, CT 06053** **Latitude *41° 39' 16.40"*, Longitude *-72° 46' 9.59"*** **192 Foot - Monopole Tower**	

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

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

LC7: Proposed Equipment Configuration **Sufficient Capacity – 40.2%**

This analysis utilizes an ultimate 3-second gust wind speed of 125 mph as required by the 2018 Connecticut State Building Code and Appendix N. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Gautam Sopal, E. I. / RAL

Respectfully submitted by:

Aaron T. Rucker, P.E.

Electronic Copy 04/30/2021

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 192-ft monopole tower designed by Paul J. Ford & Company.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	B
Topographic Factor:	1.0
Ice Thickness:	2.0 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
103.0	105.0	3	Samsung Telecom.	MT6407-77A w/ Mount Pipe	8	1-5/8
	104.0	3	Samsung Telecom.	RFV01U-D2A		
		3	Samsung Telecom.	RFV01U-D1A		
		2	Raycap	RRFDC-3315-PF-48		
	103.0	6	Andrew	SBNHH-1D65B w/ Mount Pipe		
		1	Tower Mounts	Platform Mount [LP 303-1_KCKR-HR-1]		
	101.0	3	Samsung Telecom.	CBRS w/ Mount Pipe		
	100.0	2	Antel	BXA-80080/4CF w/ Mount Pipe		
		1	Antel	BXA-80090/4CF w/ Mount Pipe		

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)
193.0	193.0	2	CCI Antennas	DMP65R-BU8D w/ Mount Pipe	6 8 2	1-5/8 3/4 3/8
		1	CCI Antennas	DMP65R-BU6D w/ Mount Pipe		
		3	CCI Antennas	OPA-65R-LCUU-H8 w/ Mount Pipe		
		3	CCI Antennas	TPA65R-BU8D_CCIV2 w/ Mount Pipe		
		3	Ericsson	RRUS 32 B30		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Ericsson	RRUS E2 B29		
		2	Raycap	DC6-48-60-0-8F		
		2	Raycap	DC6-48-60-18-8F		
		1	Tower Mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		
185.0	188.0	3	RFS Celwave	APXV18-206517S-C w/ Mount Pipe	6	1-5/8
	185.0	1	Tower Mounts	Platform Mount [LP 1201-1_KCKR]		
175.0	179.0	1	Dragonwave	Horizon Compact	3 1 3 7	1-5/8 5/8 1/2 5/16
	175.0	3	Argus Technologies	LLPX310R-V4		
		3	Commscope	NNVV-65B-R4		
		1	Andrew	VHLP2-23		
		1	Motorola	TIMING 2000		
		3	Nokia	AHCC		
		3	Nokia	AHFIB_CCIV2		
		1	Tower Mounts	Platform Mount [LP 301-1]		
	172.0	3	Samsung Telecom.	RRH-2WB		
161.0	164.0	1	Sigfox	CXL 900-3LW	1	1/2
	161.0	1	Sigfox	LNA		
		1	Sigfox	CAVITY FILTER		
		1	Tower Mounts	Side Arm Mount [SO 306-1]		
		1	Tower Mounts	Side Arm Mount [SO 104-3]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Geotechnical Report	2384583	CCISites
Tower Foundation Drawings	1118798	CCISites
Tower Manufacturer Drawings	925033	CCISites

3.1) Analysis Method

tnxTower (version 8.0.9.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 Standard.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (k)	ϕP_{allow} (k)	% Capacity	Pass / Fail
L1	192 - 151.25	Pole	TP39.25x26x0.31	1	-17.19	2272.99	23.6	Pass
L2	151.25 - 111.25	Pole	TP51.62x36.99x0.44	2	-28.46	4185.56	23.8	Pass
L3	111.25 - 72.75	Pole	TP63.26x48.63x0.5	3	-48.55	5864.38	25.2	Pass
L4	72.75 - 35.75	Pole	TP74.29x59.66x0.56	4	-70.18	7755.19	25.0	Pass
L5	35.75 - 0	Pole	TP84.78x70.15x0.56	5	-102.28	9235.85	28.2	Pass
							Summary	
						Pole (L5)	28.2	Pass
						RATING =	**28.2**	**Pass**

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	-	38.3	Pass
1,2	Base Plate	-	31.1	Pass
1,2,3	Base Foundation Soil Interaction (Drilled Pier Foundation)	-	35.8	Pass
1,2,3	Base Foundation Structural (Drilled Pier Foundation)	-	40.0	Pass
1,2,3	Base Foundation Soil Interaction (Pier and Pad Foundation)	-	40.2	Pass
1,2,3	Base Foundation Structural (Pier and Pad Foundation)	-	21.0	Pass

Structure Rating (max from all components) =	40.2%

Notes:
1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
2) Rating per TIA-222-H Section 15.5
3) It is unknown whether the foundation is a drilled shaft or pier and pad. Both designs were analyzed and determined to be sufficient.

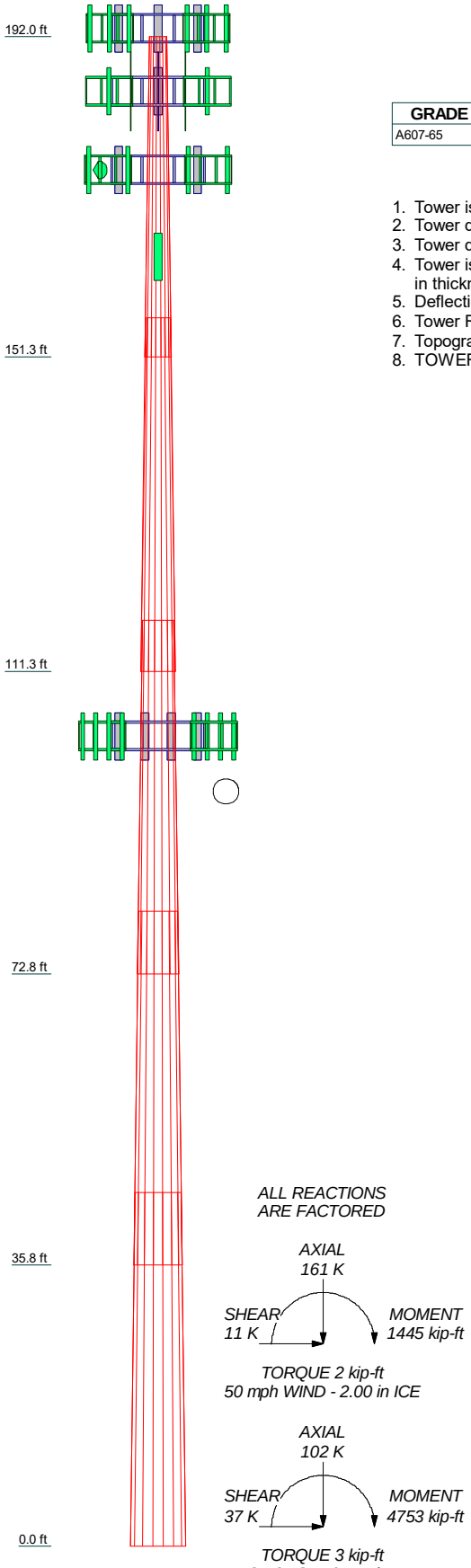
4.1) Recommendations

1) 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	40.75	18	0.31	5.00	26.00	39.24		4.4
2	45.00	18	0.44	6.50	36.99	51.62		9.3
3	45.00	18	0.50	8.00	48.63	63.26	A607-65	13.5
4	45.00	18	0.56	9.25	59.66	74.28		18.2
5	45.00	18	0.56		70.15	84.78		21.0
								66.4



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 28.2%

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
Phone: (919) 661-6351
FAX: (919) 661-6350
Tower Engineering Professionals

Job: *CT New Britain 4 CAC 803843 (BU 803843)*			
Project: *TEP No. 217212.537154*			
Client: Crown Castle	Drawn by: Julie C. Ryland	App'd:	
Code: TIA-222-H	Date: 04/29/21	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: 112.00 ft.
Basic wind speed of 125 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 2.00 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	192.00-151.25	40.75	5.00	18	26.00	39.24	0.31	1.25	A607-65 (65 ksi)
L2	151.25-111.25	45.00	6.50	18	36.99	51.62	0.44	1.75	A607-65 (65 ksi)
L3	111.25-72.75	45.00	8.00	18	48.63	63.26	0.50	2.00	A607-65 (65 ksi)
L4	72.75-35.75	45.00	9.25	18	59.66	74.28	0.56	2.25	A607-65 (65 ksi)
L5	35.75-0.00	45.00		18	70.15	84.78	0.56	2.25	A607-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	26.35	25.48	2124.03	9.12	13.21	160.81	4250.85	12.74	4.03	12.883
	39.80	38.62	7394.88	13.82	19.94	370.92	14799.50	19.31	6.36	20.343
L2	39.15	50.76	8571.30	12.98	18.79	456.08	17153.87	25.39	5.74	13.122
	52.35	71.07	23524.06	18.17	26.22	897.06	47079.08	35.54	8.32	19.006
L3	51.45	76.39	22358.99	17.09	24.71	905.01	44747.40	38.20	7.68	15.359
	64.16	99.60	49561.27	22.28	32.14	1542.26	99187.75	49.81	10.25	20.507
L4	63.13	105.51	46553.20	20.98	30.31	1536.07	93167.66	52.76	9.51	16.907
	75.34	131.62	90378.90	26.17	37.74	2394.98	180876.73	65.82	12.08	21.483
L5	74.20	124.25	76019.76	24.70	35.64	2133.11	152139.55	62.13	11.36	20.19
	86.00	150.36	134732.99	29.90	43.07	3128.36	269643.26	75.19	13.93	24.767

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 192.00-151.25				1	1	1			
L2 151.25-111.25				1	1	1			
L3 111.25-72.75				1	1	1			
L4 72.75-35.75				1	1	1			
L5 35.75-0.00				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 3/8	A	No	No	CaAa (Out Of Face)	192.00 - 0.00	1	No Ice	0.04	0
							1/2" Ice	0.14	1
							1" Ice	0.24	1
							2" Ice	0.44	2
Step Pegs (5/8" SR) 7-in. w/30" step	A	No	No	CaAa (Out Of Face)	192.00 - 0.00	1	No Ice	0.04	0
							1/2" Ice	0.14	1
							1" Ice	0.23	2
							2" Ice	0.43	6
193									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	192.00 - 0.00	6	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
FB-L98B-034-XXXXXX(3/8)	C	No	No	Inside Pole	192.00 - 0.00	2	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
WR-VG86ST-BRD(3/4)	C	No	No	Inside Pole	192.00 - 0.00	8	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
2" Flexible Conduit	C	No	No	Inside Pole	192.00 - 0.00	3	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
185									
LCF158-50JL(1-5/8)	C	No	No	Inside Pole	185.00 - 0.00	6	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
175									
HJ4.5-50(5/8)	B	No	No	Inside Pole	175.00 - 0.00	1	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
9207(5/16)	B	No	No	Inside Pole	175.00 - 0.00	1	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
HB158-21U6M48-30F(1-5/8)	B	No	No	Inside Pole	175.00 - 0.00	3	No Ice	0.00	2
							1/2" Ice	0.00	2
							1" Ice	0.00	2
							2" Ice	0.00	2
7957A(5/16)	B	No	No	Inside Pole	175.00 - 0.00	6	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
EC4-50(1/2)	B	No	No	Inside Pole	175.00 - 0.00	3	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
2" Flexible Conduit	B	No	No	Inside Pole	175.00 - 0.00	2	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0

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
161									
EC4-50(1/2)	B	No	No	Inside Pole	161.00 - 0.00	1	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
103									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	103.00 - 0.00	6	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
HB158-21U6S12-X	C	No	No	Inside Pole	103.00 - 0.00	2	No Ice	0.00	2
XXM-01(1-5/8)							1/2" Ice	0.00	2
							1" Ice	0.00	2
							2" Ice	0.00	2
***									

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	192.00-151.25	A	0.000	0.000	0.000	2.954	0.03
		B	0.000	0.000	0.000	0.000	0.22
		C	0.000	0.000	0.000	0.000	0.54
L2	151.25-111.25	A	0.000	0.000	0.000	2.900	0.03
		B	0.000	0.000	0.000	0.000	0.37
		C	0.000	0.000	0.000	0.000	0.55
L3	111.25-72.75	A	0.000	0.000	0.000	2.791	0.03
		B	0.000	0.000	0.000	0.000	0.36
		C	0.000	0.000	0.000	0.000	0.80
L4	72.75-35.75	A	0.000	0.000	0.000	2.683	0.03
		B	0.000	0.000	0.000	0.000	0.34
		C	0.000	0.000	0.000	0.000	0.83
L5	35.75-0.00	A	0.000	0.000	0.000	2.592	0.03
		B	0.000	0.000	0.000	0.000	0.33
		C	0.000	0.000	0.000	0.000	0.81

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	192.00-151.25	A	2.003	0.000	0.000	0.000	35.608	0.34
		B		0.000	0.000	0.000	0.000	0.22
		C		0.000	0.000	0.000	0.000	0.54
L2	151.25-111.25	A	1.951	0.000	0.000	0.000	34.953	0.34
		B		0.000	0.000	0.000	0.000	0.37
		C		0.000	0.000	0.000	0.000	0.55
L3	111.25-72.75	A	1.883	0.000	0.000	0.000	32.830	0.31
		B		0.000	0.000	0.000	0.000	0.36

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
		C		0.000	0.000	0.000	0.000	0.80
L4	72.75-35.75	A	1.786	0.000	0.000	0.000	30.546	0.29
		B		0.000	0.000	0.000	0.000	0.34
		C		0.000	0.000	0.000	0.000	0.83
L5	35.75-0.00	A	1.595	0.000	0.000	0.000	28.137	0.26
		B		0.000	0.000	0.000	0.000	0.33
		C		0.000	0.000	0.000	0.000	0.81

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	192.00-151.25	0.00	-0.65	0.00	-3.34
L2	151.25-111.25	0.00	-0.66	0.00	-3.63
L3	111.25-72.75	0.00	-0.67	0.00	-3.74
L4	72.75-35.75	0.00	-0.67	0.00	-3.76
L5	35.75-0.00	0.00	-0.67	0.00	-3.69

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 ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
193									
DMP65R-BU8D w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	15.89 16.81 17.76 19.70	7.89 8.74 9.60 11.37	0.14 0.25 0.38 0.68
DMP65R-BU8D w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	15.89 16.81 17.76 19.70	7.89 8.74 9.60 11.37	0.14 0.25 0.38 0.68
DMP65R-BU6D w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.96 12.70 13.46 15.02	5.97 6.63 7.30 8.69	0.11 0.20 0.30 0.53
OPA-65R-LCUU-H8 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.93 12.88 13.84 15.82	8.06 8.96 9.89 11.78	0.10 0.19 0.29 0.54
OPA-65R-LCUU-H8 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.93 12.88 13.84 15.82	8.06 8.96 9.89 11.78	0.10 0.19 0.29 0.54

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
OPA-65R-LCUU-H8 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.93 12.88 13.84 15.82	8.06 8.96 9.89 11.78	0.10 0.19 0.29 0.54
TPA65R-BU8D_CCIV2 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	15.89 16.81 17.76 19.70	7.89 8.74 9.60 11.37	0.12 0.23 0.36 0.66
TPA65R-BU8D_CCIV2 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	15.89 16.81 17.76 19.70	7.89 8.74 9.60 11.37	0.12 0.23 0.36 0.66
TPA65R-BU8D_CCIV2 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	15.89 16.81 17.76 19.70	7.89 8.74 9.60 11.37	0.12 0.23 0.36 0.66
RRUS 32 B30	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B30	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B30	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 4449 B5/B12	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4478 B14	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 8843 B2/B66A	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 8843 B2/B66A	B	From	4.00	0.00	193.00	No Ice	1.64	1.35	0.07

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
		Centroid-Leg	0.00 0.00			1/2" Ice 1" Ice 2" Ice	1.80 1.97 2.32	1.50 1.65 1.99	0.09 0.11 0.16
RRUS 8843 B2/B66A	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS E2 B29	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.15 3.36 3.59 4.07	1.29 1.44 1.60 1.95	0.06 0.08 0.11 0.17
RRUS E2 B29	B	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.15 3.36 3.59 4.07	1.29 1.44 1.60 1.95	0.06 0.08 0.11 0.17
RRUS E2 B29	C	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.15 3.36 3.59 4.07	1.29 1.44 1.60 1.95	0.06 0.08 0.11 0.17
(2) DC6-48-60-0-8F	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.03 0.05 0.07 0.12
DC6-48-60-18-8F	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	0.03 0.05 0.08 0.14
DC6-48-60-18-8F	A	From Centroid-Leg	4.00 0.00 0.00	0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	0.03 0.05 0.08 0.14
Platform Mount [LP 1201-1_KCKR-HR-1] ***186***	C	None		0.00	193.00	No Ice 1/2" Ice 1" Ice 2" Ice	37.61 45.62 53.59 69.65	37.61 45.62 53.59 69.65	2.63 3.48 4.46 6.85
APXV18-206517S-C w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 3.00	0.00	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.79 4.38 4.99 6.25	3.16 3.75 4.35 5.59	0.05 0.09 0.15 0.28
APXV18-206517S-C w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 3.00	0.00	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.79 4.38 4.99 6.25	3.16 3.75 4.35 5.59	0.05 0.09 0.15 0.28
APXV18-206517S-C w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 3.00	0.00	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.79 4.38 4.99 6.25	3.16 3.75 4.35 5.59	0.05 0.09 0.15 0.28
(3) 2.4" Dia x 6-ft Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.93 2.30 3.06	1.43 1.93 2.30 3.06	0.02 0.03 0.05 0.09
(3) 2.4" Dia x 6-ft Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.00	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.93 2.30 3.06	1.43 1.93 2.30 3.06	0.02 0.03 0.05 0.09
(3) 2.4" Dia x 6-ft Pipe	C	From	4.00	0.00	185.00	No Ice	1.43	1.43	0.02

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
		Centroid-Leg	0.00 0.00			1/2" Ice 1" Ice 2" Ice	1.93 2.30 3.06	1.93 2.30 3.06	0.03 0.05 0.09
Platform Mount [LP 1201-1_KCKR]	C	None		0.00	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	29.60 36.33 43.26 57.72	29.60 36.33 43.26 57.72	2.38 3.07 3.86 5.75
175									
LLPX310R-V4	A	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.87 4.30 4.74 5.68	1.49 1.86 2.24 3.06	0.04 0.07 0.10 0.17
LLPX310R-V4	B	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.87 4.30 4.74 5.68	1.49 1.86 2.24 3.06	0.04 0.07 0.10 0.17
LLPX310R-V4	C	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.87 4.30 4.74 5.68	1.49 1.86 2.24 3.06	0.04 0.07 0.10 0.17
NNVV-65B-R4	A	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.62 8.12 8.63 9.68	3.01 3.45 3.90 4.82	0.08 0.15 0.23 0.41
NNVV-65B-R4	B	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.62 8.12 8.63 9.68	3.01 3.45 3.90 4.82	0.08 0.15 0.23 0.41
NNVV-65B-R4	C	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.62 8.12 8.63 9.68	3.01 3.45 3.90 4.82	0.08 0.15 0.23 0.41
TIMING 2000	B	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.13 0.18 0.24 0.37	0.11 0.15 0.20 0.33	0.00 0.00 0.01 0.01
HORIZON COMPACT	A	From Centroid-Leg	4.00 0.00 4.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.72 0.83 0.94 1.19	0.37 0.45 0.54 0.74	0.01 0.02 0.03 0.05
AHCC	A	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.63 1.79 1.96 2.32	1.14 1.28 1.43 1.75	0.05 0.06 0.08 0.12
AHCC	B	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.63 1.79 1.96 2.32	1.14 1.28 1.43 1.75	0.05 0.06 0.08 0.12
AHCC	C	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.63 1.79 1.96 2.32	1.14 1.28 1.43 1.75	0.05 0.06 0.08 0.12
AHFIB_CCIV2	A	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.79 3.01 3.24 3.72	1.53 1.71 1.90 2.29	0.07 0.09 0.11 0.17
AHFIB_CCIV2	B	From	4.00	0.00	175.00	No Ice	2.79	1.53	0.07

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
		Centroid-Leg	0.00 0.00			1/2" Ice 1" Ice 2" Ice	3.01 3.24 3.72	1.71 1.90 2.29	0.09 0.11 0.17
AHFIB_CCIV2	C	From Centroid-Leg	4.00 0.00 0.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.79 3.01 3.24 3.72	1.53 1.71 1.90 2.29	0.07 0.09 0.11 0.17
RRH-2WB	A	From Centroid-Leg	4.00 0.00 -3.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.30 2.50 2.69 3.11	0.78 0.92 1.06 1.36	0.04 0.06 0.08 0.12
RRH-2WB	B	From Centroid-Leg	4.00 0.00 -3.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.30 2.50 2.69 3.11	0.78 0.92 1.06 1.36	0.04 0.06 0.08 0.12
RRH-2WB	C	From Centroid-Leg	4.00 0.00 -3.00	0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.30 2.50 2.69 3.11	0.78 0.92 1.06 1.36	0.04 0.06 0.08 0.12
Platform Mount [LP 301-1]	C	None		0.00	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	23.81 30.24 36.33 48.05	23.81 30.24 36.33 48.05	1.59 2.10 2.73 4.34
161									
CXL 900-3LW	C	From Face	4.00 0.00 3.00	0.00	161.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.14 0.33 0.48 0.81	0.14 0.33 0.48 0.81	0.00 0.00 0.01 0.02
LNA	C	From Face	4.00 0.00 0.00	0.00	161.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.14 0.19 0.25 0.39	0.05 0.09 0.13 0.24	0.00 0.00 0.00 0.01
CAVITY FILTER	C	From Face	4.00 0.00 0.00	0.00	161.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.19 0.25 0.32 0.47	0.08 0.12 0.17 0.29	0.00 0.00 0.01 0.02
Side Arm Mount [SO 306-1]	C	From Face	2.00 0.00 0.00	0.00	161.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.41 0.81 1.23 2.08	2.26 3.83 5.48 9.37	0.04 0.06 0.09 0.19
Side Arm Mount [SO 104-3]	C	None		0.00	161.00	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
103									
(2) SBNHH-1D65B w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	103.00	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 Centroid-Leg	4.00 0.00 0.00	0.00	103.00	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 Centroid-Leg	4.00 0.00 0.00	0.00	103.00	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

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
BXA-80080/4CF w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 -3.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.04 5.42 5.81 6.62	4.03 4.65 5.28 6.56	0.03 0.08 0.13 0.25
BXA-80080/4CF w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 -3.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.04 5.42 5.81 6.62	4.03 4.65 5.28 6.56	0.03 0.08 0.13 0.25
BXA-80090/4CF w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 -3.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.83 4.20 4.57 5.34	3.88 4.49 5.11 6.37	0.03 0.07 0.11 0.22
CBRS w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 -2.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.45 1.67 1.90 2.42	0.99 1.18 1.39 1.85	0.03 0.05 0.07 0.12
CBRS w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 -2.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.45 1.67 1.90 2.42	0.99 1.18 1.39 1.85	0.03 0.05 0.07 0.12
CBRS w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 -2.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.45 1.67 1.90 2.42	0.99 1.18 1.39 1.85	0.03 0.05 0.07 0.12
MT6407-77A w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 2.00	0.00	103.00	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 Centroid-Leg	4.00 0.00 2.00	0.00	103.00	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 Centroid-Leg	4.00 0.00 2.00	0.00	103.00	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
RFV01U-D2A	A	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	B	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	C	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D1A	A	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D1A	B	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D1A	C	From	4.00	0.00	103.00	No Ice	1.88	1.25	0.08

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
		Centroid-Leg	0.00 1.00			1/2" Ice 1" Ice 2" Ice	2.05 2.22 2.60	1.39 1.54 1.86	0.10 0.12 0.18
RRFDC-3315-PF-48	A	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.36 3.60 3.84 4.34	2.19 2.39 2.61 3.05	0.02 0.05 0.08 0.16
RRFDC-3315-PF-48	A	From Centroid-Leg	4.00 0.00 1.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.36 3.60 3.84 4.34	2.19 2.39 2.61 3.05	0.02 0.05 0.08 0.16
2.4" Dia x 8-ft Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
2.4" Dia x 8-ft Mount Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
2.4" Dia x 8-ft Mount Pipe	C	From Centroid-Leg	4.00 0.00 0.00	0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
Platform Mount [LP 303-1_KCKR-HR-1]	C	None		0.00	103.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.31 35.69 43.11 58.21	28.31 35.69 43.11 58.21	1.77 2.30 2.94 4.60
***									

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft^2	Weight K
175											
VHLP2-23	C	Paraboloid w/Radome	From Centroid -Leg	4.00 6.00 0.00	90.00		175.00	2.18	No Ice 1/2" Ice 1" Ice 2" Ice	3.73 4.02 4.31 4.90	0.03 0.05 0.07 0.11
****											

Load Combinations

Comb. No.	Description
1	Dead Only

Comb. No.	Description
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 Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	192 - 151.25	9.73	50	0.52	0.00
L2	156.25 - 111.25	6.15	50	0.41	0.00
L3	117.75 - 72.75	3.33	50	0.28	0.00
L4	80.75 - 35.75	1.52	50	0.18	0.00

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L5	45 - 0	0.48	50	0.09	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
193.00	DMP65R-BU8D w/ Mount Pipe	50	9.73	0.52	0.00	94744
185.00	APXV18-206517S-C w/ Mount Pipe	50	8.99	0.50	0.00	67674
175.00	VHLP2-23	50	7.96	0.47	0.00	27866
161.00	CXL 900-3LW	50	6.59	0.43	0.00	15281
103.00	(2) SBNHH-1D65B w/ Mount Pipe	50	2.51	0.24	0.00	20763

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	192 - 151.25	44.89	12	2.38	0.01
L2	156.25 - 111.25	28.44	12	1.90	0.00
L3	117.75 - 72.75	15.37	12	1.30	0.00
L4	80.75 - 35.75	7.02	12	0.82	0.00
L5	45 - 0	2.20	12	0.44	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
193.00	DMP65R-BU8D w/ Mount Pipe	12	44.89	2.38	0.01	20697
185.00	APXV18-206517S-C w/ Mount Pipe	12	41.50	2.29	0.01	14784
175.00	VHLP2-23	12	36.74	2.16	0.00	6087
161.00	CXL 900-3LW	12	30.43	1.97	0.00	3337
103.00	(2) SBNHH-1D65B w/ Mount Pipe	12	11.61	1.10	0.00	4492

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	192 - 151.25 (1)	TP39.25x26x0.31	40.75	0.00	0.0	37.00	-17.19	2164.75	0.008
L2	151.25 - 111.25 (2)	TP51.62x36.99x0.44	45.00	0.00	0.0	68.14	-28.46	3986.25	0.007
L3	111.25 - 72.75 (3)	TP63.26x48.63x0.5	45.00	0.00	0.0	95.47	-48.55	5585.12	0.009
L4	72.75 - 35.75 (4)	TP74.29x59.66x0.56	45.00	0.00	0.0	126.25	-70.18	7385.90	0.010
L5	35.75 - 0 (5)	TP84.78x70.15x0.56	45.00	0.00	0.0	150.36	-102.28	8796.05	0.012

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	192 - 151.25 (1)	TP39.25x26x0.31	474.25	1979.46	0.240	0.00	1979.46	0.000
L2	151.25 - 111.25 (2)	TP51.62x36.99x0.44	1185.11	4884.23	0.243	0.00	4884.23	0.000
L3	111.25 - 72.75 (3)	TP63.26x48.63x0.5	2099.52	8215.23	0.256	0.00	8215.23	0.000
L4	72.75 - 35.75 (4)	TP74.29x59.66x0.56	3185.07	12590.33	0.253	0.00	12590.33	0.000
L5	35.75 - 0 (5)	TP84.78x70.15x0.56	4753.46	16713.83	0.284	0.00	16713.83	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	192 - 151.25 (1)	TP39.25x26x0.31	16.51	649.42	0.025	0.21	2121.79	0.000
L2	151.25 - 111.25 (2)	TP51.62x36.99x0.44	20.52	1195.87	0.017	0.20	5139.13	0.000
L3	111.25 - 72.75 (3)	TP63.26x48.63x0.5	28.23	1675.54	0.017	0.61	8827.42	0.000
L4	72.75 - 35.75 (4)	TP74.29x59.66x0.56	32.41	2215.77	0.015	0.73	13722.17	0.000
L5	35.75 - 0 (5)	TP84.78x70.15x0.56	37.24	2638.81	0.014	0.88	19462.17	0.000

Pole Interaction Design Data

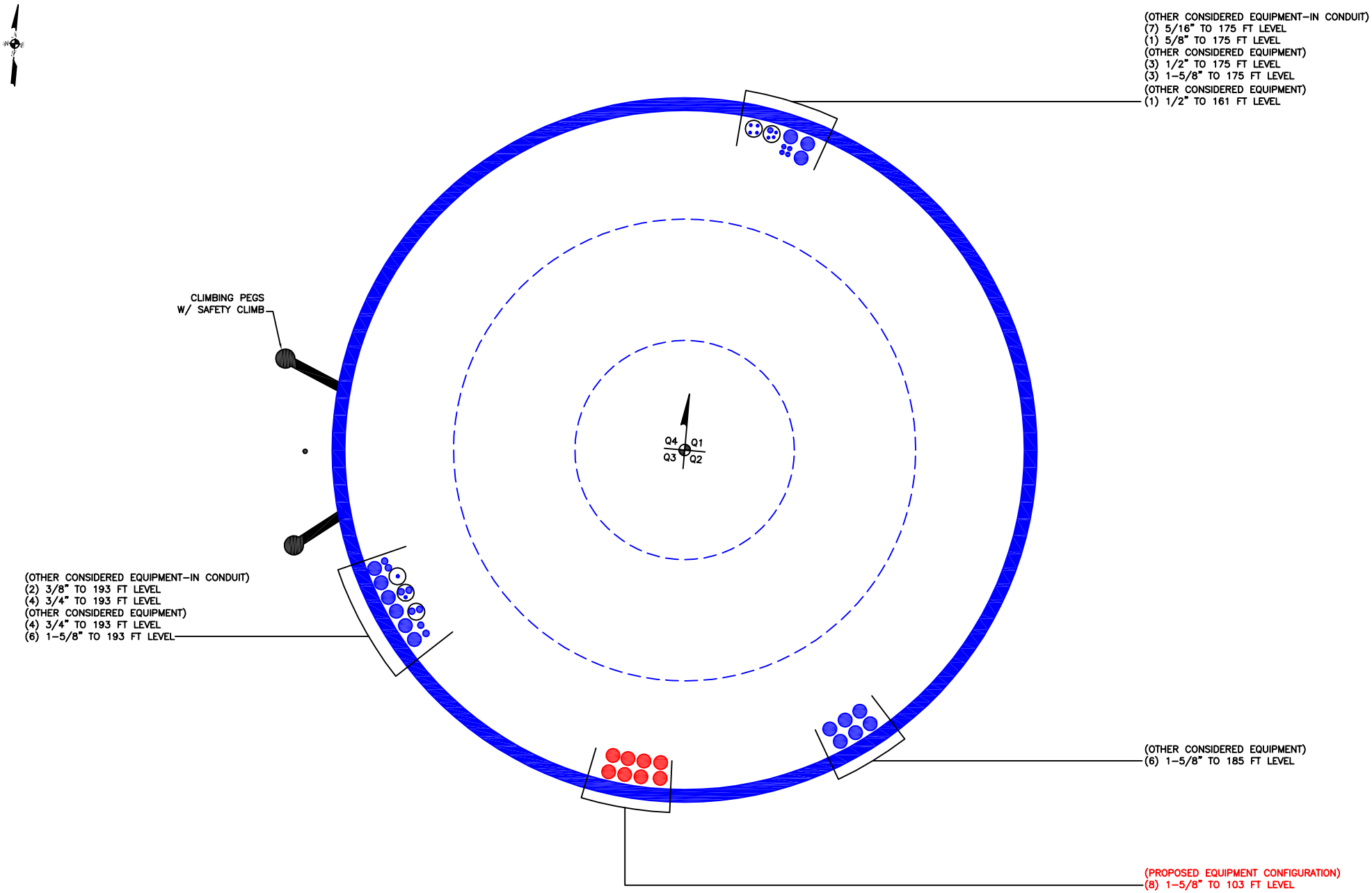
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	192 - 151.25 (1)	0.008	0.240	0.000	0.025	0.000	0.248	1.050	4.8.2
L2	151.25 - 111.25 (2)	0.007	0.243	0.000	0.017	0.000	0.250	1.050	4.8.2
L3	111.25 - 72.75 (3)	0.009	0.256	0.000	0.017	0.000	0.265	1.050	4.8.2
L4	72.75 - 35.75 (4)	0.010	0.253	0.000	0.015	0.000	0.263	1.050	4.8.2
L5	35.75 - 0 (5)	0.012	0.284	0.000	0.014	0.000	0.296	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	192 - 151.25	Pole	TP39.25x26x0.31	1	-17.19	2272.99	23.6	Pass
L2	151.25 - 111.25	Pole	TP51.62x36.99x0.44	2	-28.46	4185.56	23.8	Pass
L3	111.25 - 72.75	Pole	TP63.26x48.63x0.5	3	-48.55	5864.38	25.2	Pass
L4	72.75 - 35.75	Pole	TP74.29x59.66x0.56	4	-70.18	7755.19	25.0	Pass
L5	35.75 - 0	Pole	TP84.78x70.15x0.56	5	-102.28	9235.85	28.2	Pass
							Summary	
						Pole (L5)	28.2	Pass
						RATING =	**28.2**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(7) 5/16" TO 175 FT LEVEL
(1) 5/8" TO 175 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 1/2" TO 175 FT LEVEL
(3) 1-5/8" TO 175 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 161 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
Q4
Q1
Q3
Q2
(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(2) 3/8" TO 193 FT LEVEL
(4) 3/4" TO 193 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(4) 3/4" TO 193 FT LEVEL
(6) 1-5/8" TO 193 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 185 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(8) 1-5/8" TO 103 FT LEVEL

APPENDIX C

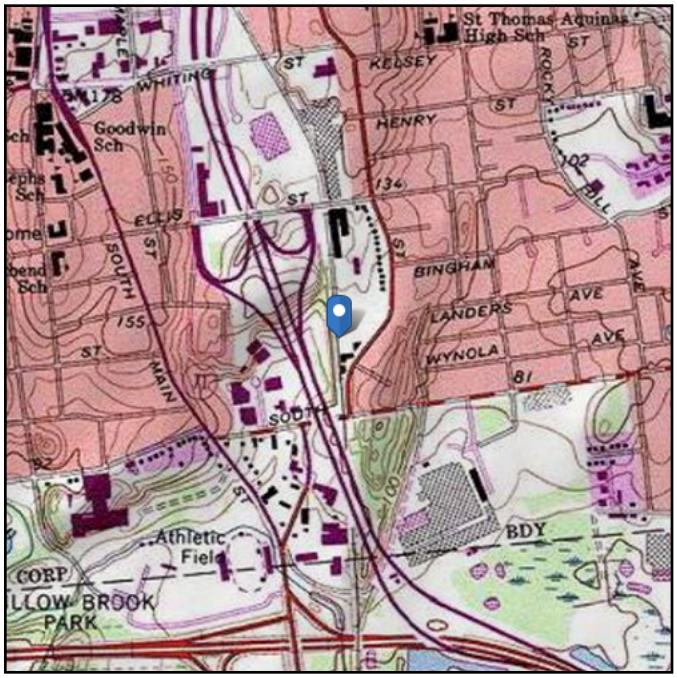
ADDITIONAL CALCULATIONS

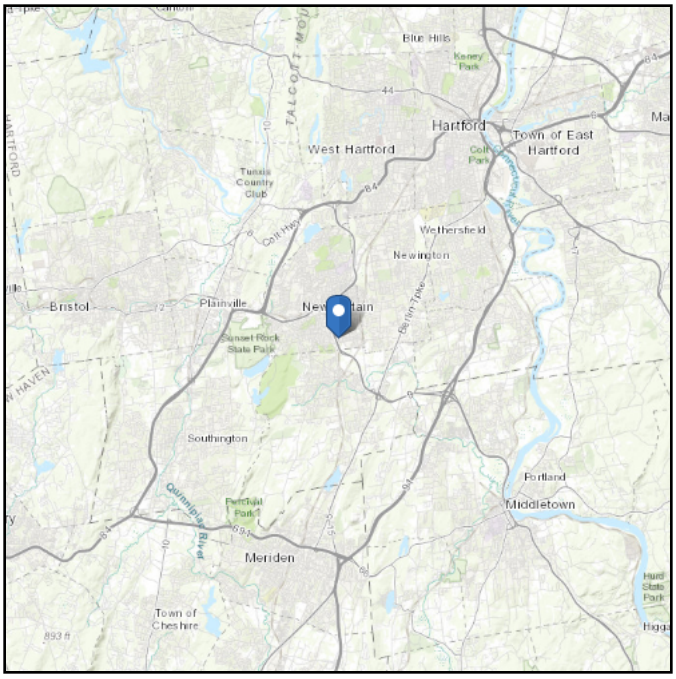
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 111.66 ft (NAVD 88)
Latitude: 41.654556
Longitude: -72.769331





Wind

Results:

Wind Speed:	122 Vmph	Vu = 125 mph as per Jurisdictional Requirements
10-year MRI	77 Vmph	
25-year MRI	86 Vmph	
50-year MRI	93 Vmph	
100-year MRI	100 Vmph	

Data Source: ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

Date Accessed: Wed Apr 28 2021

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 7-10 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 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

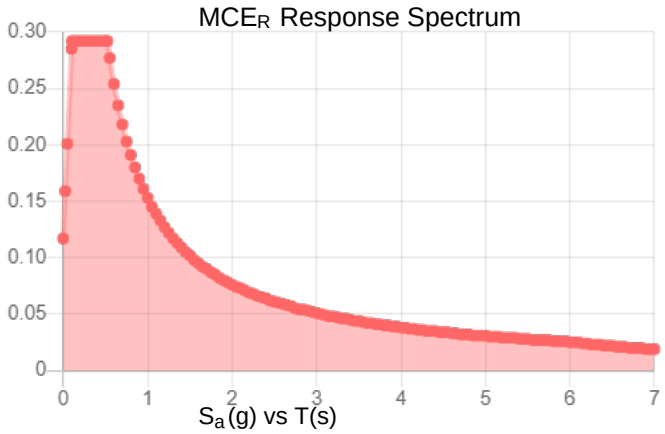
Seismic

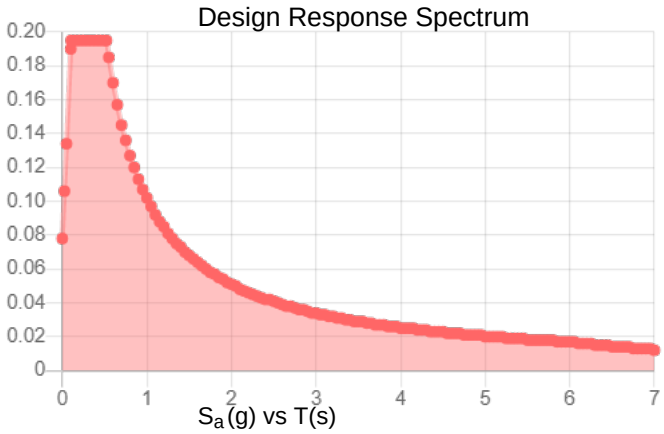
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.183	S_{DS} :	0.195
S_1 :	0.064	S_{D1} :	0.102
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.093
S_{MS} :	0.292	PGA_M :	0.149
S_{M1} :	0.153	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Wed Apr 28 2021

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Wed Apr 28 2021

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

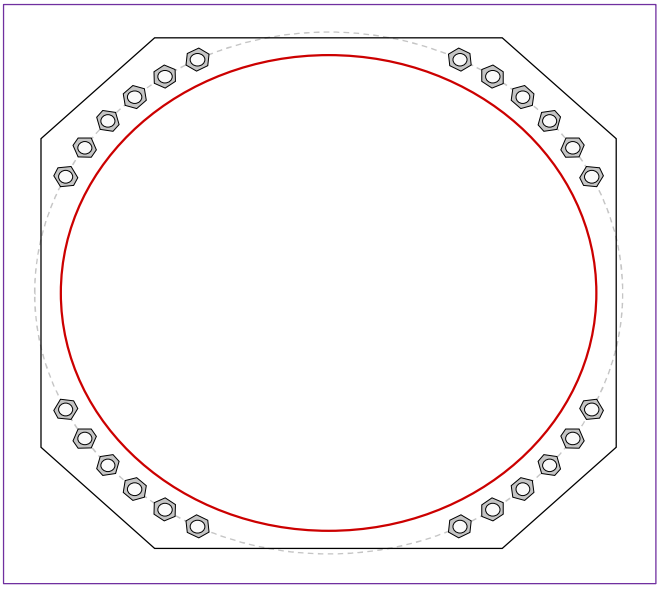
Monopole Base Plate Connection

Site Info	
BU #	803843
Site Name	CT New Britain 4 CAC 8
Order #	552668 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.875

Applied Loads	
Moment (kip-ft)	4753.00
Axial Force (kips)	102.00
Shear Force (kips)	37.00

*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 93" BC
Anchor Spacing: 6 in

Base Plate Data

91" W x 3.25" Plate (A572-55; Fy=55 ksi, Fu=70 ksi); Clip: 18 in

Stiffener Data

N/A

Pole Data

84.78" x 0.5625" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 97.94	ϕPn_t = 243.75	Stress Rating
Vu = 1.54	ϕVn = 149.1	38.3%
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	16.18	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	31.1%	Pass

Drilled Pier Foundation

BU # :	803843
Site Name:	CT New Britain 4 CAC
Order Number:	552668 Rev. 0

Report File:

TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	4753	
Axial Force (kips)	102	
Shear Force (kips)	37	

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

Pier Design Data		
Depth	28.5	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 28.5' below grade		
Pier Diameter	10	ft
Rebar Quantity	40	
Rebar Size	11	
Clear Cover to Ties	4	in
Tie Size	5	
Tie Spacing	18	in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	7.58	-
Soil Safety Factor	3.53	-
Max Moment (kip-ft)	5029.99	-
Rating*	*35.8%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	553.71	-
End Bearing (kips)	1413.72	-
Weight of Concrete (kips)	330.50	-
Total Capacity (kips)	1967.42	-
Axial (kips)	432.50	-
Rating*	*20.9%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	7.29	-
Critical Moment (kip-ft)	5029.11	-
Critical Moment Capacity	14640.80	-
Rating*	*32.7%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	20.21	-
Critical Shear (kip)	482.74	-
Critical Shear Capacity	1150.48	-
Rating*	*40.0%*	-

Soil Interaction Rating*	**35.8%**
Structural Foundation Rating*	**40.0%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Shear Design Options	
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☐
Override Critical Depth:	☐

Go to Soil Calculations

Soil Profile

Groundwater Depth	15	# of Layers	3

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	115	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	5	15	10	115	150	0	30	0.000	0.000	1.00	1.00			Cohesionless
3	15	28.5	13.5	70	87.6	0	30	0.000	0.000	1.00	1.00	24		Cohesionless

Pier and Pad Foundation

BU # :	803843
Site Name:	CT New Britain 4 C
App. Number:	552668 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

Top & Bot. Pad Rein. Different?:	☐
Block Foundation?:	☐
Rectangular Pad?:	☐

Superstructure Analysis Reactions		
Compression, P_{comp}:	102	kips
Base Shear, Vu_comp:	37	kips
Moment, M_u:	4753	ft-kips
Tower Height, **H**:	192	ft
BP Dist. Above Fdn, bp_{dist}:	4.125	in

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, **dpier**:	10	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	64	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	10	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	7	ft
Pad Width, W_1:	32.5	ft
Pad Thickness, **T**:	4	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	11	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	60	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δc:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	125	pcf
Ultimate Gross Bearing, Qult:	6.000	ksf
Cohesion, **Cu**:		ksf
Friction Angle, φ:	32	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.5	
Neglected Depth, **N**:	5.00	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	15	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	499.23	37.00	**7.1%**	**Pass**
Bearing Pressure (ksf)	4.50	1.90	**40.2%**	**Pass**
*Overturning (kip*ft)*	12935.46	5043.22	**39.0%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	22125.77	4882.50	**21.0%**	**Pass**
Pier Compression (kip)	37491.77	151.48	**0.4%**	**Pass**
*Pad Flexure (kip*ft)*	16873.89	1620.65	**9.1%**	**Pass**
Pad Shear - 1-way (kips)	1374.11	195.40	**13.5%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.022	**12.5%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	22895.15	2929.50	**12.2%**	**Pass**

**Rating per TIA-222-H Section 15.5*

Soil Rating*:	**40.2%**
Structural Rating*:	**21.0%**

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 #: 10037816
Maser Consulting Connecticut Project #: 21777013A

March 31, 2021

Site Information	*Site ID:*	*467499-VZW / New Britain 4 CT*
	Site Name:	*New Britain 4 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*200 Stanley Street* *New Britain, Connecticut 06051* *Hartford County*
	Latitude:	*41.652319°*
	Longitude:	*-72.767319°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*14.50-Ft Platform*

FUZE ID # 16231995

Analysis Results

Platform: **86.0% Pass**

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

Report Prepared By: Abigail Enriquez

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: 24447, dated September 2, 2020*
Mount Mapping Report	*Structural Components, Site ID: 16231995, dated February 23, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	118 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:	0.995
Seismic Parameters:	S_S:	0.197
	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 mounts:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
99.75	104.00	3	Samsung	MT6407-77A	Added
	99.50	3	Samsung	XXDWMM-12.5-65-8T	
	103.00	2	Amphenol Antel	BXA-80080-4CF-EDIN-8	Retained
		6	Andrew	SBNHH-1D65B	
		1	Antel	BXA-80090/4	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Raycap	RRFDC-3315-PF-48	

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
Kickers	*7.0%*	*Pass*
Handrail plate	*39.9%*	*Pass*
Corner Angle	*9.7%*	*Pass*
Platform Angle	*17.2%*	*Pass*
Platform Support Plates	*51.0%*	*Pass*
Standoff Horizontal	*19.7%*	*Pass*
Standoff Arm	*20.7%*	*Pass*
Antenna pipe	*79.7%*	*Pass*
Support Rail	*62.5%*	*Pass*
Face Horizontal	*18.3%*	*Pass*
Mount Connection Check	*86.0%*	*Pass*
Kicker Connection Check	*3.3%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**86.0%**

Recommendation:

The existing mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

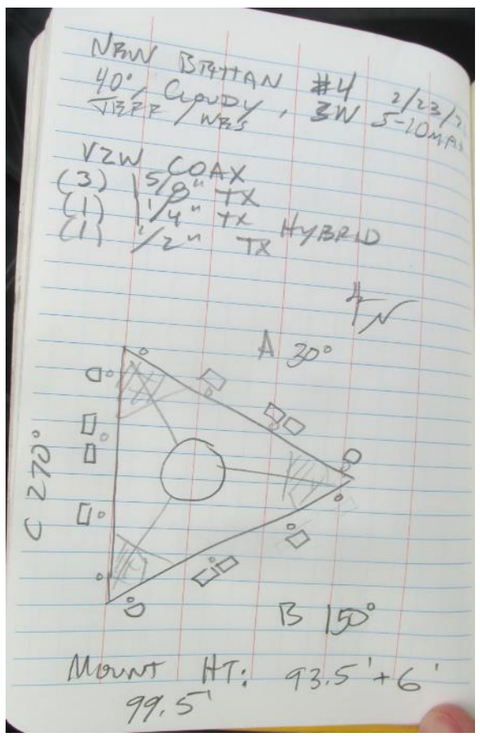
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter

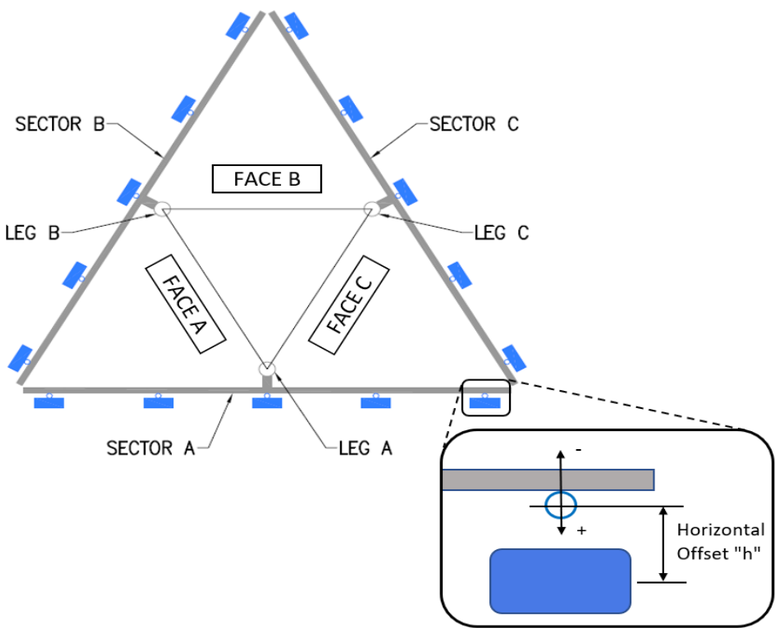
V3.0 Updated on 8-31-2020

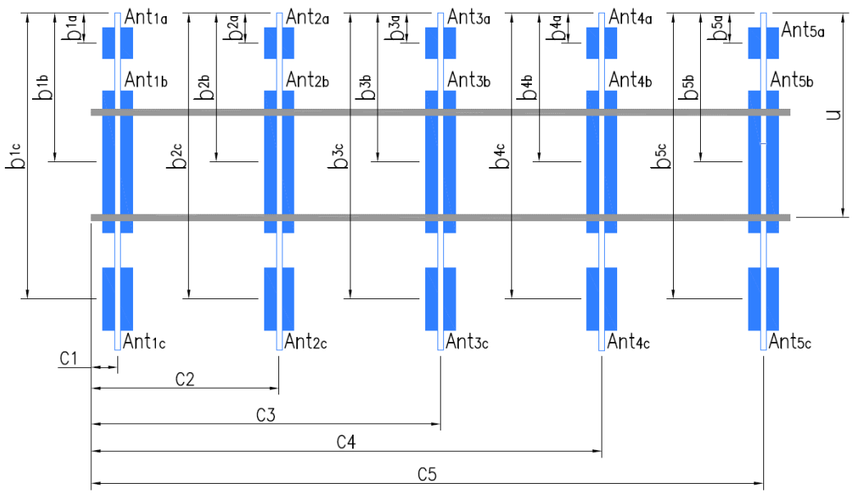
Antenna Mount Mapping Form (PATENT PENDING)

Tower Owner:	Crown Castle	**Mapping Date:**	2/23/2021
Site Name:	New Britain 4 CT	**Tower Type:**	Monopole
Site Number or ID:	16231995	**Tower Height (Ft.):**	
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	100

FCC #







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8 x 0.154 x 95	72.00	24.00	C1	2-3/8 x 0.154 x 95	72.00	25.00
A2	2-3/8 x 0.154 x 95	72.00	66.00	C2	2-3/8 x 0.154 x 95	72.00	67.00
A3	2-3/8 x 0.154 x 95	72.00	107.50	C3	2-3/8 x 0.154 x 95	72.00	109.00
A4	2-3/8 x 0.154 x 95	72.00	150.50	C4	2-3/8 x 0.154 x 95	72.00	151.00
A5				C5			
A6	2-3/8 x .154 x 72 Surge	62.00		C6			
B1	2-3/8 x 0.154 x 95	72.00	24.00	D1			
B2	2-3/8 x 0.154 x 95	72.00	66.00	D2			
B3	2-3/8 x 0.154 x 95	72.00	107.00	D3			
B4	2-3/8 x 0.154 x 95	72.00	149.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

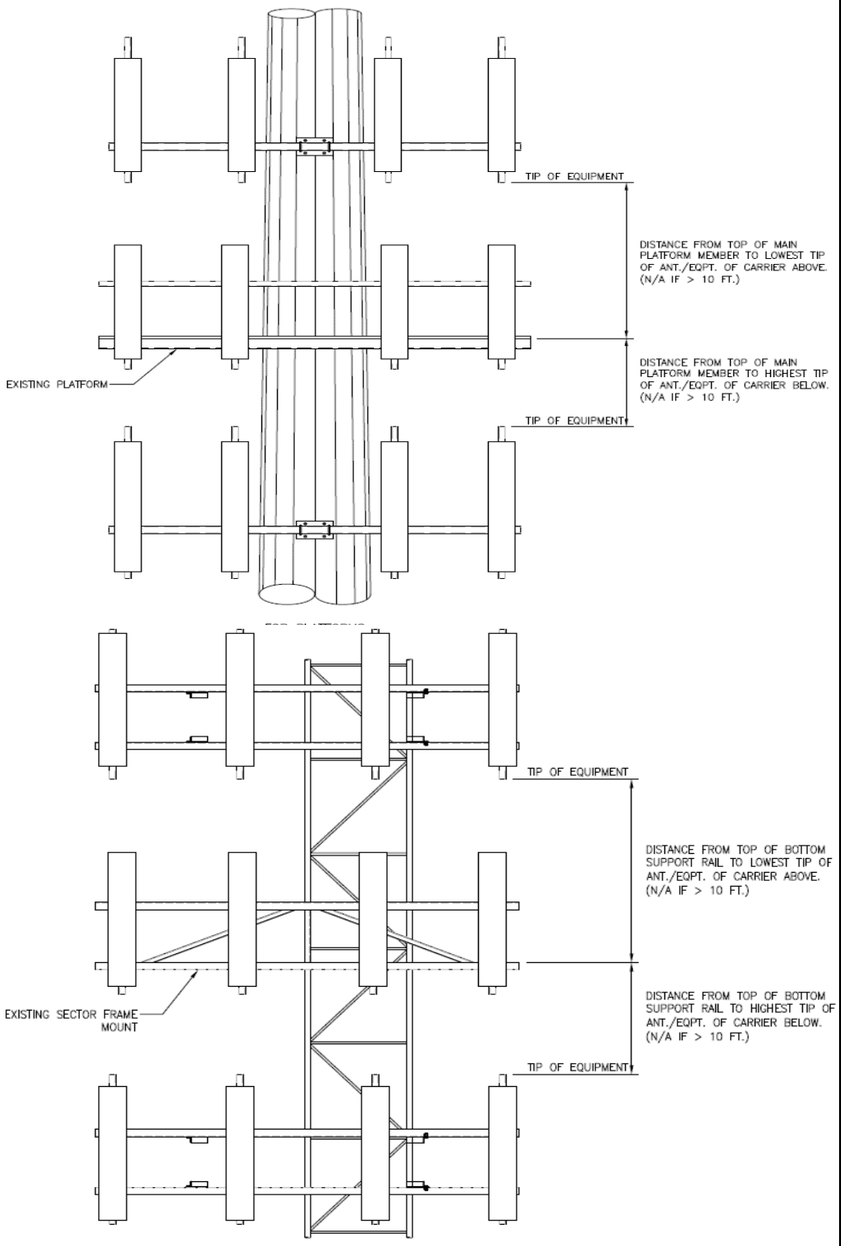
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	53

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	Empty					106				233
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Andrews Unknown	12.00	7.00	49.00	Dead	102.833	38.00	10.00	30.00	231
Ant_{2c}										
Ant_{3a}	Sam RFV01U-D1A	15.50	12.00	15.50	Jumpers	102.792	38.50		30.00	231
Ant_{3b}	(2) Comm SDNHH-1D	11.00	6.00	72.00	Jumpers	103.083	35.00	11.00	30.00	231
Ant_{3c}	Sam RFV01U-D2A	15.50	10.00	15.50	Jumpers	102.792	38.50		30.00	231
Ant_{4a}										
Ant_{4b}	Amphonal BXA 80080	8.00	6.00	47.00	2) 1-5/8" t	102.667	40.00	11.00	30.00	265
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Tower	Raycap RRFDC-3315-F	14.00	10.50	19.00	) 1-1/4" od		49.00		30.00	240
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:	270.00	Deg	
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	Empty					106				278
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Amphonal BXA 70063	11.00	4.00	70.00	Dead	102.5	42.00	10.00	150.00	281
Ant_{2c}										
Ant_{3a}	Sam RFV01U-D1A	15.50	12.00	15.50	Jumpers	102.792	38.50		150.00	292
Ant_{3b}	(2) Comm SDNHH-1D	11.00	6.00	72.00	Jumpers	103.083	35.00	11.00	150.00	279
Ant_{3c}	Sam RFV01U-D2A	15.50	10.00	15.50	Jumpers	102.792	38.50		150.00	292
Ant_{4a}										
Ant_{4b}	Amphonal BXA 80080	8.00	6.00	47.00	2) 1-5/8" t	101.917	49.00	11.00	150.00	27
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector C										
Ant_{1a}										
Ant_{1b}	empty					106				303
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Amphonal BXA 70063	11.00	4.00	70.00	Dead	102.5	42.00	10.00	270.00	304
Ant_{2c}										
Ant_{3a}	Sam RFV01U-D1A	15.50	12.00	15.50	Jumpers	102.792	38.50		270.00	304
Ant_{3b}	(2) Comm SDNHH-1D	11.00	6.00	72.00	Jumpers	103.083	35.00	11.00	270.00	304
Ant_{3c}	Sam RFV01U-D2A	15.50	10.00	15.50	Jumpers	102.792	38.50		270.00	304
Ant_{4a}										
Ant_{4b}	Amphonal BXA 80080	8.00	6.00	47.00	2) 1-5/8" t	101.917	49.00	11.00	270.00	53
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

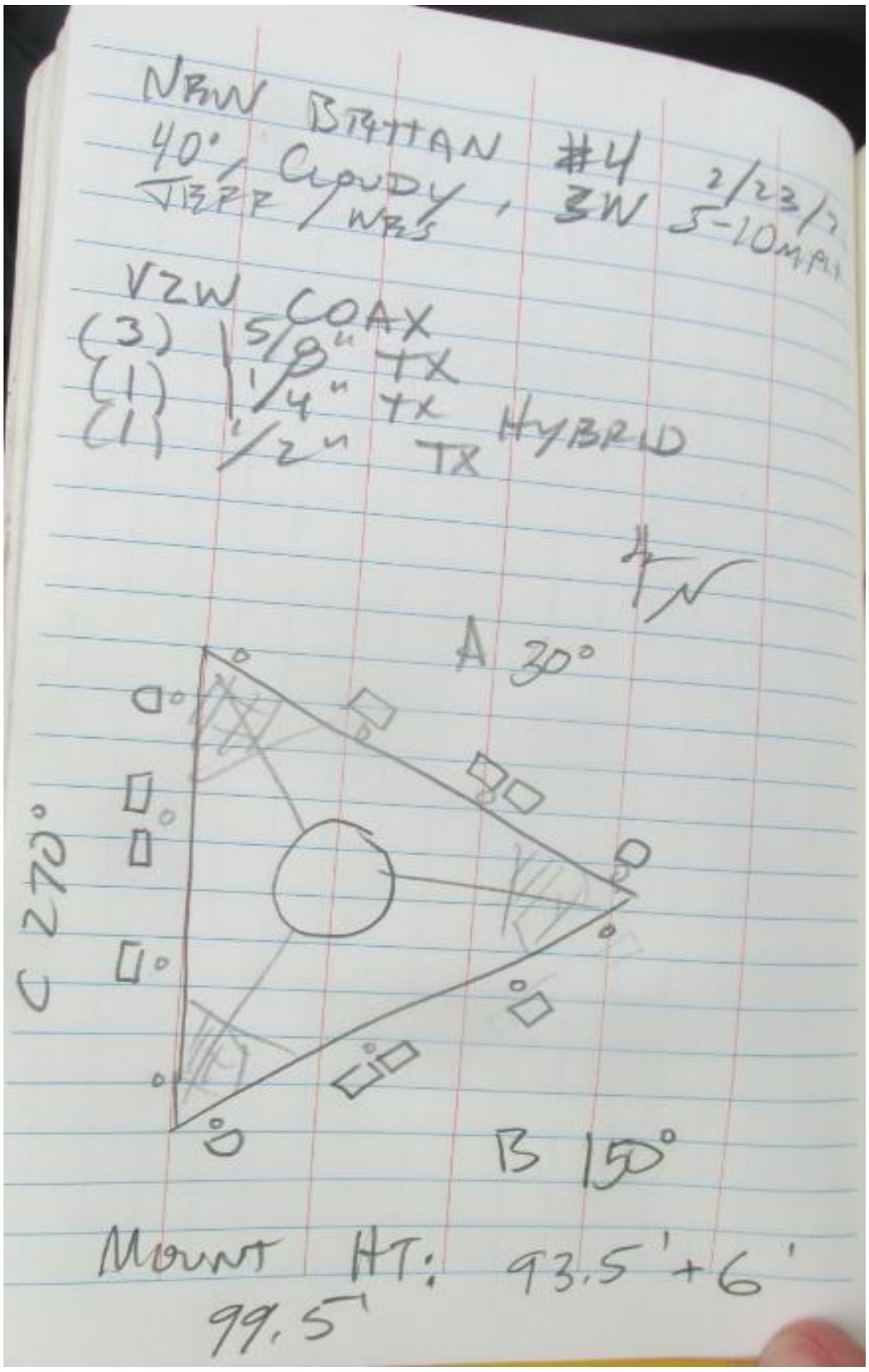
Mapping Notes
1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use 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.

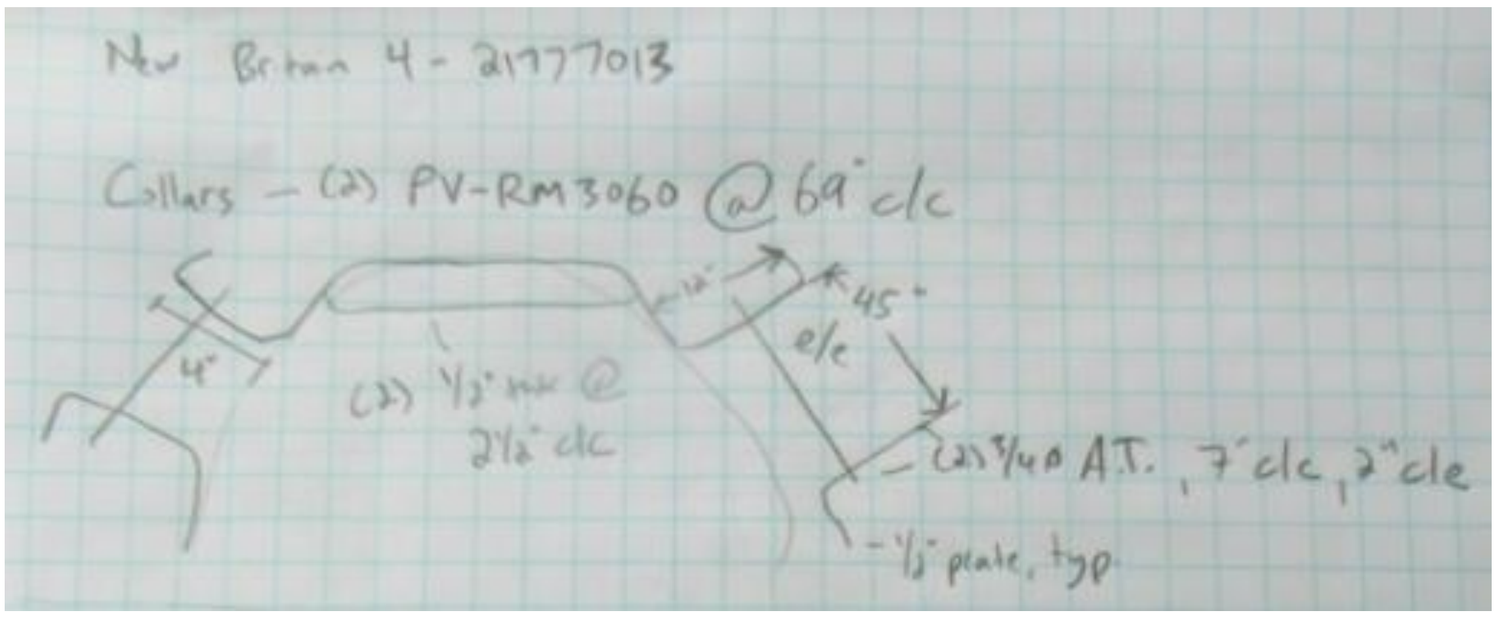
V3.0 Updated on 8-31-2020

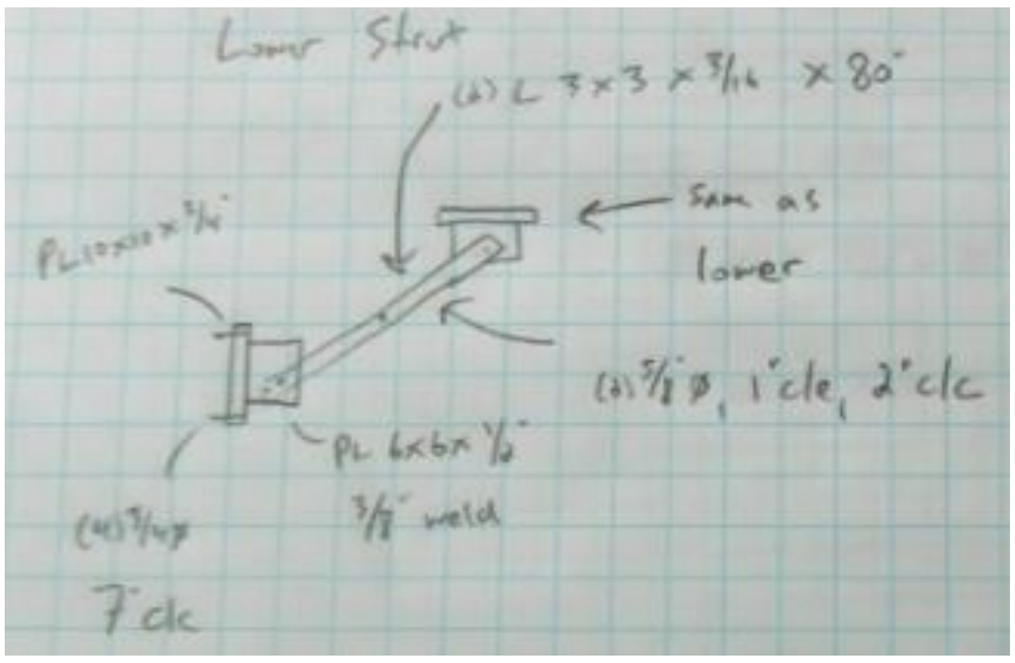
MASER CONSULTING P.A.	Antenna Mount Mapping Form (PATENT PENDING)		FCC #	
	Tower Owner:	Crown Castle	**Mapping Date:**	2/23/2021
	Site Name:	New Britain 4 CT	**Tower Type:**	Monopole
	Site Number or ID:	16231995	**Tower Height (Ft.):**	
	Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	100

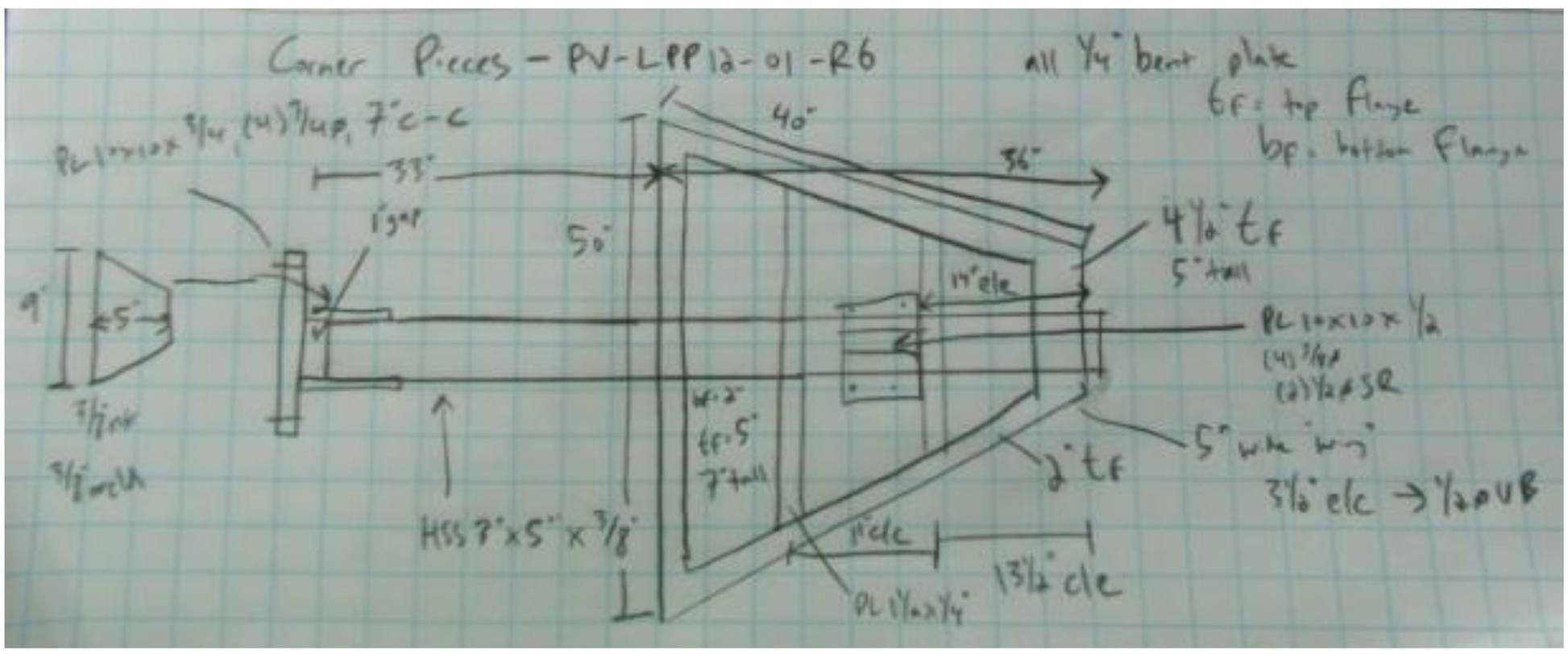
Please Insert Sketches of the Antenna Mount



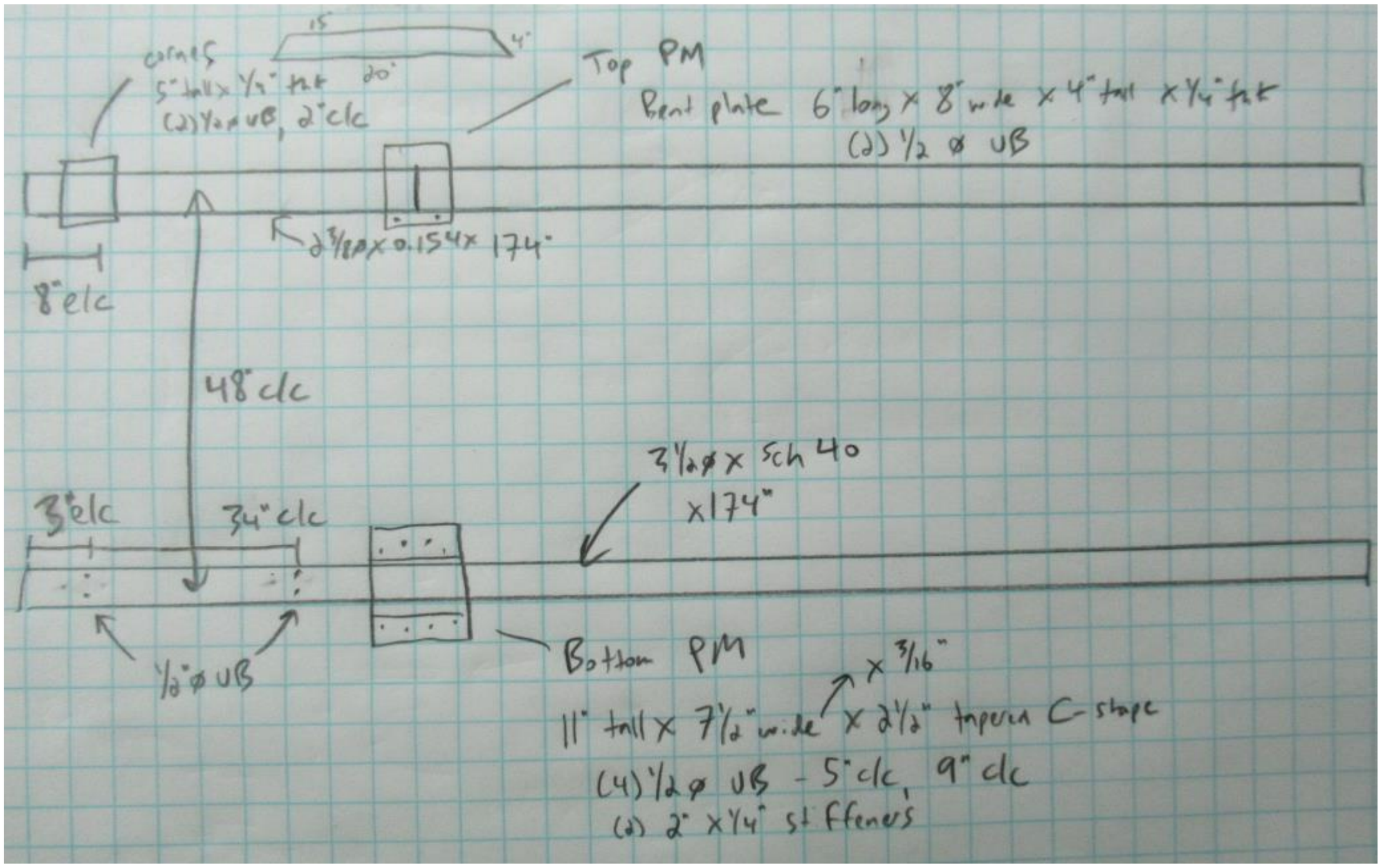
Please Insert Sketches of the Antenna Mount, cont'd

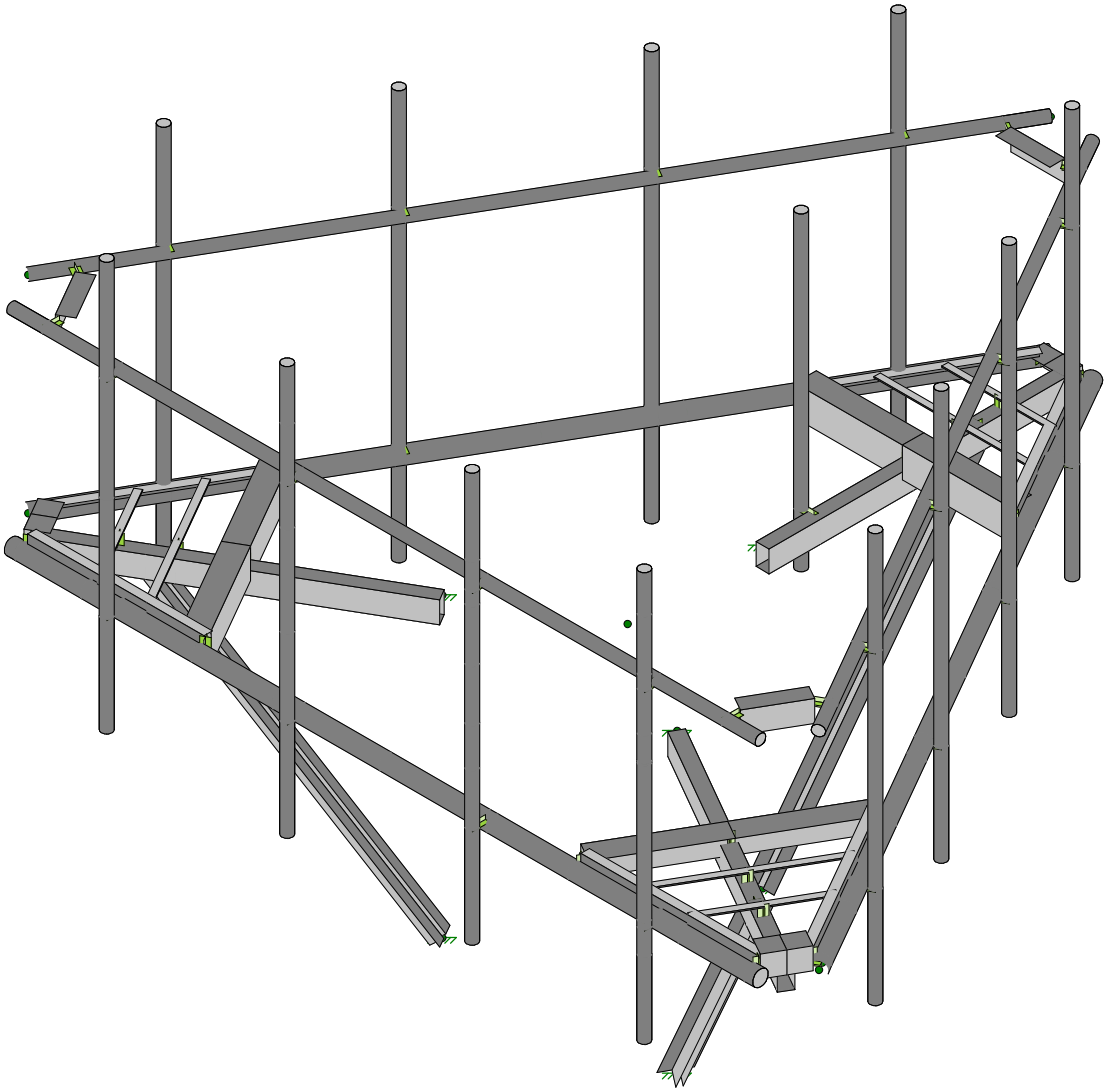






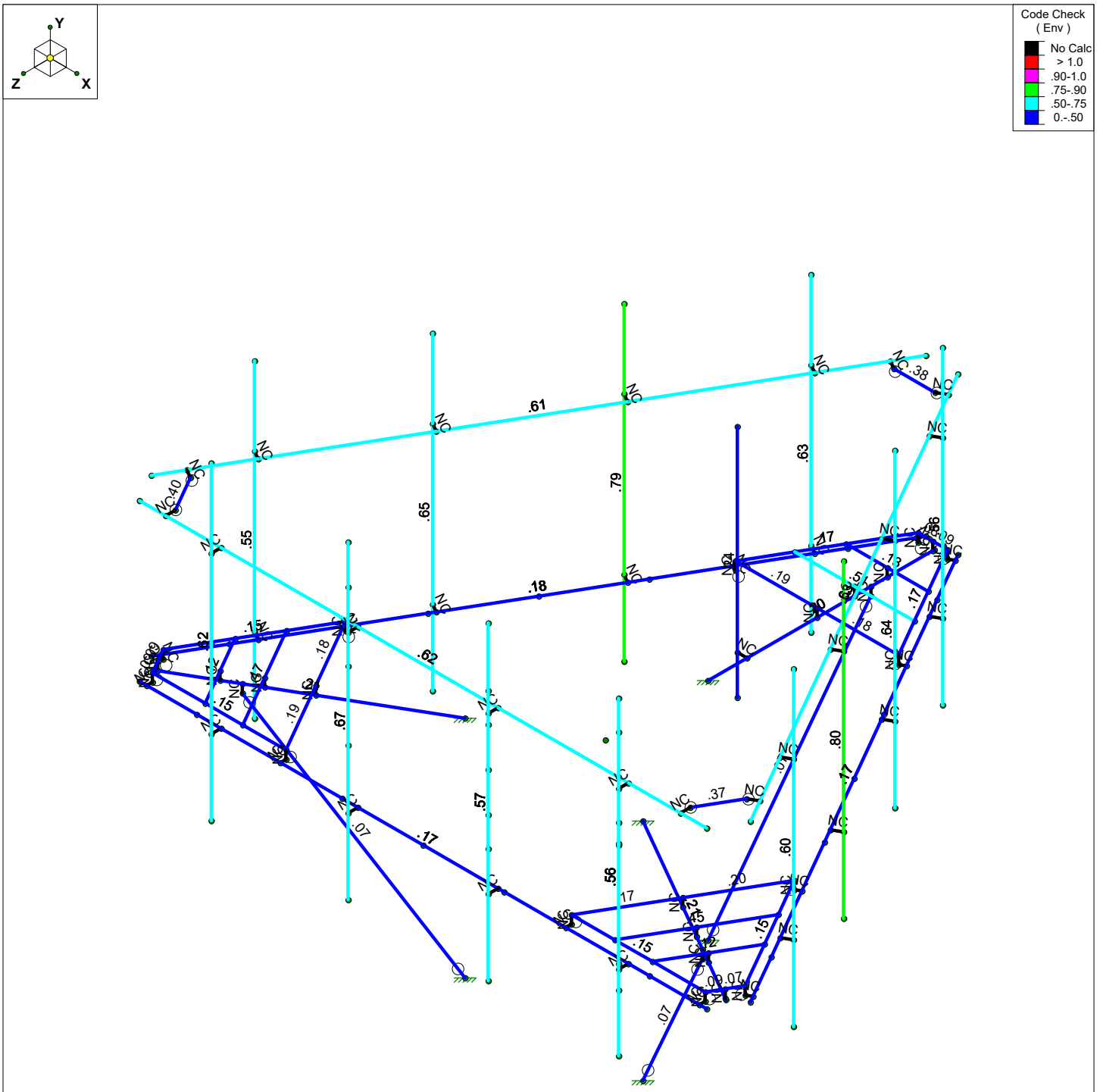
Please Insert Sketches of the Antenna Mount, cont'd





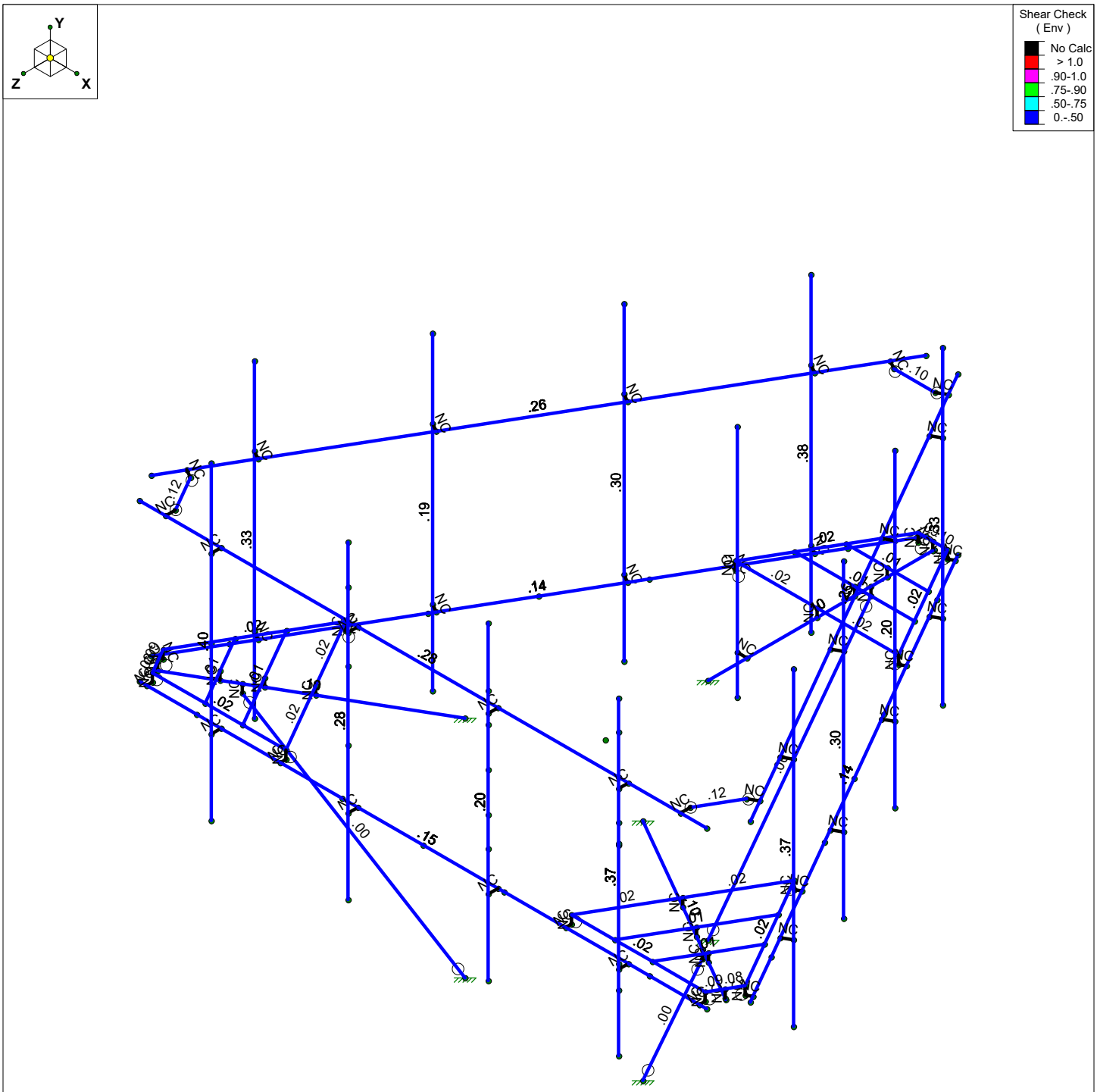
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 1
AE		Mar 26, 2021 at 5:50 PM
21777013A		FINAL_467499-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 1
AE		Mar 31, 2021 at 10:16 AM
21777013A		FINAL_467499-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 2
AE		Mar 31, 2021 at 10:16 AM
21777013A		FINAL_467499-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					102			
2	Antenna Di	None					102			
3	Antenna Wo (0 Deg)	None					102			
4	Antenna Wo (30 Deg)	None					102			
5	Antenna Wo (60 Deg)	None					102			
6	Antenna Wo (90 Deg)	None					102			
7	Antenna Wo (120 Deg)	None					102			
8	Antenna Wo (150 Deg)	None					102			
9	Antenna Wo (180 Deg)	None					102			
10	Antenna Wo (210 Deg)	None					102			
11	Antenna Wo (240 Deg)	None					102			
12	Antenna Wo (270 Deg)	None					102			
13	Antenna Wo (300 Deg)	None					102			
14	Antenna Wo (330 Deg)	None					102			
15	Antenna Wi (0 Deg)	None					102			
16	Antenna Wi (30 Deg)	None					102			
17	Antenna Wi (60 Deg)	None					102			
18	Antenna Wi (90 Deg)	None					102			
19	Antenna Wi (120 Deg)	None					102			
20	Antenna Wi (150 Deg)	None					102			
21	Antenna Wi (180 Deg)	None					102			
22	Antenna Wi (210 Deg)	None					102			
23	Antenna Wi (240 Deg)	None					102			
24	Antenna Wi (270 Deg)	None					102			
25	Antenna Wi (300 Deg)	None					102			
26	Antenna Wi (330 Deg)	None					102			
27	Antenna Wm (0 Deg)	None					102			
28	Antenna Wm (30 Deg)	None					102			
29	Antenna Wm (60 Deg)	None					102			
30	Antenna Wm (90 Deg)	None					102			
31	Antenna Wm (120 Deg)	None					102			
32	Antenna Wm (150 Deg)	None					102			
33	Antenna Wm (180 Deg)	None					102			
34	Antenna Wm (210 Deg)	None					102			
35	Antenna Wm (240 Deg)	None					102			
36	Antenna Wm (270 Deg)	None					102			
37	Antenna Wm (300 Deg)	None					102			
38	Antenna Wm (330 Deg)	None					102			
39	Structure D	None		-1					3	
40	Structure Di	None						52	3	
41	Structure Wo (0 Deg)	None						104		
42	Structure Wo (30 Deg)	None						104		
43	Structure Wo (60 Deg)	None						104		
44	Structure Wo (90 Deg)	None						104		
45	Structure Wo (120 D...	None						104		
46	Structure Wo (150 D...	None						104		
47	Structure Wo (180 D...	None						104		
48	Structure Wo (210 D...	None						104		
49	Structure Wo (240 D...	None						104		
50	Structure Wo (270 D...	None						104		
51	Structure Wo (300 D...	None						104		
52	Structure Wo (330 D...	None						104		
53	Structure Wi (0 Deg)	None						104		
54	Structure Wi (30 Deg)	None						104		
55	Structure Wi (60 Deg)	None						104		
56	Structure Wi (90 Deg)	None						104		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						104		
58	Structure Wi (150 De...	None						104		
59	Structure Wi (180 De...	None						104		
60	Structure Wi (210 De...	None						104		
61	Structure Wi (240 De...	None						104		
62	Structure Wi (270 De...	None						104		
63	Structure Wi (300 De...	None						104		
64	Structure Wi (330 De...	None						104		
65	Structure Wm (0 Deg)	None						104		
66	Structure Wm (30 De...	None						104		
67	Structure Wm (60 De...	None						104		
68	Structure Wm (90 De...	None						104		
69	Structure Wm (120 D...	None						104		
70	Structure Wm (150 D...	None						104		
71	Structure Wm (180 D...	None						104		
72	Structure Wm (210 D...	None						104		
73	Structure Wm (240 D...	None						104		
74	Structure Wm (270 D...	None						104		
75	Structure Wm (300 D...	None						104		
76	Structure Wm (330 D...	None						104		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						70		
82	BLC 40 Transient Are...	None						70		

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 D...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 D...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 D...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N143	-0.	0.	-0.	0	
2	N63	-0.	0.	-8.416668	0	
3	N66	0.000042	0.	-8.375616	0	
4	N67	0.000042	0.	-2.625002	0	
5	N68	2.083334	0.	-5.416669	0	
6	N69	2.209628	0.	-5.489585	0	
7	N70	-2.08325	0	-5.416669	0	
8	N71	0.000042	0.	-5.416669	0	
9	N72	0.375021	0.	-8.375616	0	
10	N73	-0.374945	0.	-8.375603	0	
11	N74	0.501288	0.	-8.448516	0	
12	N75	-0.501274	0.	-8.44854	0	
13	N76	2.083334	0.208333	-5.416669	0	
14	N77	-2.08325	0.208333	-5.416669	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N78	0.000042	0.208333	-5.416669	0	
16	N79	0.375021	0.208333	-8.375616	0	
17	N80	-0.374945	0.208333	-8.375603	0	
18	N81	0.000042	0.	-7.20892	0	
19	N82	0.000042	0.	-6.375586	0	
20	N83	0.000042	0.208333	-7.20892	0	
21	N84	0.000042	0.208333	-6.375586	0	
22	N85	1.048599	0.208333	-7.20892	0	
23	N86	1.529714	0.208333	-6.375586	0	
24	N87	-1.048515	0.208333	-7.20892	0	
25	N88	-1.529631	0.208333	-6.375586	0	
26	N180	-2.209631	0	-5.489579	0	
27	N222A	-5.78794	0.	4.658386	0	
28	N242A	-2.071393	0	4.658386	0	
29	N248A	2.071393	0.	4.658386	0	
30	N253A	5.787912	0.	4.658386	0	
31	N273B	-0.000014	0.	4.658386	0	
32	N275A	-7.250015	0.	4.658386	0	
33	N276A	7.249987	0.	4.658386	0	
34	N277A	-5.166681	0.	4.658386	0	
35	N278A	-1.666681	0.	4.658386	0	
36	N279A	1.916652	0.	4.658386	0	
37	N280A	5.249985	0.	4.658386	0	
38	N281A	-5.166681	0.	4.908386	0	
39	N282A	-1.666681	0.	4.908386	0	
40	N283A	1.916652	0.	4.908386	0	
41	N284A	5.249985	0.	4.908386	0	
42	N285A	-7.250015	4	4.658386	0	
43	N286A	7.249987	4	4.658386	0	
44	N287A	-5.166681	4	4.658386	0	
45	N288A	-1.666681	4	4.658386	0	
46	N289A	1.916652	4	4.658386	0	
47	N290A	5.249985	4	4.658386	0	
48	N291A	-5.166681	4	4.908386	0	
49	N292A	-1.666681	4	4.908386	0	
50	N293A	1.916652	4	4.908386	0	
51	N294A	5.249985	4	4.908386	0	
52	N295A	-5.166681	6.	4.908386	0	
53	N296A	-1.666681	6.	4.908386	0	
54	N297A	1.916652	6.	4.908386	0	
55	N298A	5.249985	6.	4.908386	0	
56	N299A	-5.166681	-1.916667	4.908386	0	
57	N300A	-1.666681	-1.916667	4.908386	0	
58	N301A	1.916652	-1.916667	4.908386	0	
59	N302A	5.249985	-1.916667	4.908386	0	
60	N64	0.000042	0.208333	-8.375616	0	
61	N65	0.000042	0.	-3.625002	0	
62	N66A	-0.249958	0.	-3.625002	0	
63	N67A	-0.249958	-1.	-3.625002	0	
64	N68A	-0.249958	5	-3.625002	0	
65	N67B	-6.583348	4	4.658386	0	
66	N68B	6.583321	4	4.658386	0	
67	N82A	-7.066013	0.	4.658386	0	
68	N114	7.065985	0.	4.658386	0	
69	N136A	6.928251	0.	2.68331	0	
70	N137	5.069977	0	-0.535314	0	
71	N138	2.998584	0.	-4.123072	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N139	1.140325	0.	-7.341672	0	
73	N140	4.034288	0.	-2.329181	0	
74	N141	7.659288	0.	3.949504	0	
75	N142	0.409287	0.	-8.607866	0	
76	N143A	6.617621	0.	2.145284	0	
77	N144	4.867621	0.	-0.885805	0	
78	N145	3.075955	0.	-3.989063	0	
79	N146	1.409288	0.	-6.875814	0	
80	N147	6.834128	0.	2.020284	0	
81	N148	5.084128	0.	-1.010805	0	
82	N149	3.292461	0.	-4.114063	0	
83	N150	1.625794	0.	-7.000814	0	
84	N151	7.659288	4	3.949504	0	
85	N152	0.409287	4	-8.607866	0	
86	N153	6.617621	4	2.145284	0	
87	N154	4.867621	4	-0.885805	0	
88	N155	3.075955	4	-3.989063	0	
89	N156	1.409288	4	-6.875814	0	
90	N157	6.834128	4	2.020284	0	
91	N158	5.084128	4	-1.010805	0	
92	N159	3.292461	4	-4.114063	0	
93	N160	1.625794	4	-7.000814	0	
94	N161	6.834128	6.	2.020284	0	
95	N162	5.084128	6.	-1.010805	0	
96	N163	3.292461	6.	-4.114063	0	
97	N164	1.625794	6.	-7.000814	0	
98	N165	6.834128	-1.916667	2.020284	0	
99	N166	5.084128	-1.916667	-1.010805	0	
100	N167	3.292461	-1.916667	-4.114063	0	
101	N168	1.625794	-1.916667	-7.000814	0	
102	N169	7.325955	4	3.372153	0	
103	N170	0.74262	4	-8.030516	0	
104	N176	-1.140311	0.	-7.341696	0	
105	N177	-2.998584	0	-4.123072	0	
106	N178A	-5.069977	0.	-0.535314	0	
107	N179A	-6.928237	0.	2.683286	0	
108	N180A	-4.034274	0.	-2.329205	0	
109	N181	-0.409274	0.	-8.60789	0	
110	N182	-7.659274	0.	3.94948	0	
111	N183	-1.45094	0.	-6.80367	0	
112	N184	-3.20094	0.	-3.772581	0	
113	N185	-4.992607	0.	-0.669324	0	
114	N186	-6.659274	0.	2.217428	0	
115	N187	-1.667447	0.	-6.92867	0	
116	N188	-3.417447	0.	-3.897581	0	
117	N189	-5.209113	0.	-0.794324	0	
118	N190	-6.87578	0.	2.092428	0	
119	N191	-0.409274	4	-8.60789	0	
120	N192	-7.659274	4	3.94948	0	
121	N193	-1.45094	4	-6.80367	0	
122	N194	-3.20094	4	-3.772581	0	
123	N195	-4.992607	4	-0.669324	0	
124	N196	-6.659274	4	2.217428	0	
125	N197	-1.667447	4	-6.92867	0	
126	N198	-3.417447	4	-3.897581	0	
127	N199	-5.209113	4	-0.794324	0	
128	N200	-6.87578	4	2.092428	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N201	-1.667447	6.	-6.92867	0	
130	N202	-3.417447	6.	-3.897581	0	
131	N203	-5.209113	6.	-0.794324	0	
132	N204	-6.87578	6.	2.092428	0	
133	N205	-1.667447	-1.916667	-6.92867	0	
134	N206	-3.417447	-1.916667	-3.897581	0	
135	N207	-5.209113	-1.916667	-0.794324	0	
136	N208	-6.87578	-1.916667	2.092428	0	
137	N209	-0.742607	4	-8.03054	0	
138	N210	-7.325941	4	3.37213	0	
139	N144A	-7.289048	0.	4.208334	0	
140	N145A	-7.253496	0.	4.187808	0	
141	N146A	-2.27334	0.	1.312465	0	
142	N147A	-5.73264	0.	0.904114	0	
143	N148A	-5.858934	0.	0.831199	0	
144	N149A	-3.649348	0	4.512482	0	
145	N150A	-4.690954	0.	2.708298	0	
146	N151A	-7.441006	0.	3.86303	0	
147	N152A	-7.066013	0.	4.512513	0	
148	N153A	-7.567274	0.	3.79013	0	
149	N155A	-5.73264	0.208333	0.904114	0	
150	N156A	-3.649348	0.208333	4.512482	0	
151	N157A	-4.690994	0.208333	2.708298	0	
152	N158A	-7.441006	0.208333	3.86303	0	
153	N159A	-7.066013	0.208333	4.512513	0	
154	N160A	-6.243062	0.	3.604424	0	
155	N161A	-5.521387	0.	3.187757	0	
156	N162A	-6.243129	0.208333	3.604424	0	
157	N163A	-5.521387	0.208333	3.187757	0	
158	N164A	-6.767407	0.208333	2.696346	0	
159	N165A	-6.286277	0.208333	1.863022	0	
160	N166A	-5.718861	0.208333	4.512482	0	
161	N167A	-4.75661	0.208333	4.512482	0	
162	N170A	-3.6493	0.	4.658386	0	
163	N171	-7.253517	0.208333	4.187772	0	
164	N177A	7.289048	0.	4.208334	0	
165	N178B	7.253496	0.	4.187808	0	
166	N179B	2.273298	0.	1.312537	0	
167	N180B	3.649306	0.	4.512555	0	
168	N181A	3.649306	0.	4.658386	0	
169	N182A	5.732598	0	0.904187	0	
170	N183A	4.690992	0.	2.708371	0	
171	N184A	7.065985	0.	4.512585	0	
172	N185A	7.440957	0.	3.86309	0	
173	N187A	7.567287	0.	3.790153	0	
174	N188A	3.649306	0.208333	4.512555	0	
175	N189A	5.732598	0.208333	0.904187	0	
176	N190A	4.690952	0.208333	2.708371	0	
177	N191A	7.065985	0.208333	4.512585	0	
178	N192A	7.440957	0.208333	3.86309	0	
179	N193A	6.243153	0.	3.604496	0	
180	N194A	5.521453	0.	3.187829	0	
181	N195A	6.243087	0.208333	3.604496	0	
182	N196A	5.521453	0.208333	3.187829	0	
183	N197A	5.718801	0.208333	4.512585	0	
184	N198A	4.756551	0.208333	4.512585	0	
185	N199A	6.767365	0.208333	2.696419	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N200A	6.286235	0.208333	1.863094	0	
187	N203A	5.858931	0	0.831193	0	
188	N204A	7.253475	0.208333	4.187844	0	
189	N189B	6.583321	4	4.408386	0	
190	N191B	-6.583346	4	4.408386	0	
191	N194B	0.526114	4	-7.905516	0	
192	N195B	7.109447	4	3.497152	0	
193	N199B	-7.109435	4	3.49713	0	
194	N200B	-0.526101	4	-7.905538	0	
195	N195C	0.000042	0.	-6.792253	0	
196	N196B	0.000042	-0.208333	-6.792253	0	
197	N197B	0.000042	-5.75	-2.625002	0	
198	N199C	-5.882285	0.	3.39609	0	
199	N200C	-5.882285	-0.208333	3.39609	0	
200	N201A	-2.27334	-5.75	1.312465	0	
201	N203B	5.882243	0.	3.396163	0	
202	N204B	5.882243	-0.208333	3.396163	0	
203	N205A	2.273298	-5.75	1.312537	0	
204	N204C	1.916652	4.5	4.908386	0	
205	N205B	1.916652	1	4.908386	0	
206	N206A	1.916652	2.75	4.908386	0	
207	N207A	-5.166681	2	4.908386	0	
208	N208A	1.916652	3.75	4.908386	0	
209	N209A	1.916652	1.75	4.908386	0	
210	N210A	5.249985	2.75	4.908386	0	
211	N211	5.249985	4.25	4.908386	0	
212	N212	5.249985	5.25	4.908386	0	
213	N213	5.249985	3.25	4.908386	0	
214	N214	5.249985	2.7875	4.908386	0	
215	N215	5.249985	0.120833	4.908386	0	
216	N216	5.249985	-0.4625	4.908386	0	
217	N217	-1.666681	5	4.908386	0	
218	N218	-1.666681	1.5	4.908386	0	
219	N219	-1.666681	3.25	4.908386	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Arm	HSS5X3X3	Beam	Tube	A500 Gr.B Re...	Typical	2.58	3.85	8.53	8.64
2	TES SA	HSS5X5X3	Beam	Tube	A500 Gr.B Re...	Typical	3.28	12.6	12.6	19.9
3	Platform Support Pl...	PL1/4X1.5	Beam	RECT	A36 Gr.36	Typical	.375	.002	.07	.007
4	TES PSP	PL1/4x2	Beam	RECT	A36 Gr.36	Typical	.5	.003	.167	.01
5	Platform Angle	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Kickers	LL3x3x3x3	Beam	Single Angle	A36 Gr.36	Typical	2.18	4.09	1.9	.027
7	Standoff Horizontal	L5X7X6	Beam	Single Angle	A36 Gr.36	Typical	4.359	9.65	22.198	.196
8	TES SH	L5X5X5	Beam	Single Angle	A36 Gr.36	Typical	3.07	7.44	7.44	.108
9	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
10	Handrail plate	L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical	2.07	2.2	5.36	.046
11	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
12	Antenna pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
13	Corner Angle	L5x4.5x4	Beam	RECT	A36 Gr.36	Typical	2.313	4.513	5.849	.047
14	TES CA	L5X5X5	Beam	RECT	A36 Gr.36	Typical	3.07	7.44	7.44	.108

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M46	N68	N69			RIGID	None	None	RIGID	Typical
2	M47	N70	N180			RIGID	None	None	RIGID	Typical
3	M48	N67	N63			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
4	M49	N72	N74			RIGID	None	None	RIGID	Typical
5	M51	N73	N75			RIGID	None	None	RIGID	Typical
6	M53	N78	N76		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
7	M54	N77	N78		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
8	M55	N77	N70			RIGID	None	None	RIGID	Typical
9	M56	N76	N68			RIGID	None	None	RIGID	Typical
10	M57	N78	N71			RIGID	None	None	RIGID	Typical
11	M58	N73	N80			RIGID	None	None	RIGID	Typical
12	M59	N72	N79			RIGID	None	None	RIGID	Typical
13	M60	N81	N83			RIGID	None	None	RIGID	Typical
14	M61	N82	N84			RIGID	None	None	RIGID	Typical
15	M62	N87	N85		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
16	M63	N88	N86		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
17	M66	N77	N80		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
18	M67	N79	N76		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
19	M200	N275A	N276A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
20	M182A	N280A	N284A			RIGID	None	None	RIGID	Typical
21	M183A	N279A	N283A			RIGID	None	None	RIGID	Typical
22	M184A	N278A	N282A			RIGID	None	None	RIGID	Typical
23	M185A	N277A	N281A			RIGID	None	None	RIGID	Typical
24	M186A	N285A	N286A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
25	M187A	N290A	N294A			RIGID	None	None	RIGID	Typical
26	M188A	N289A	N293A			RIGID	None	None	RIGID	Typical
27	M189A	N288A	N292A			RIGID	None	None	RIGID	Typical
28	M190A	N287A	N291A			RIGID	None	None	RIGID	Typical
29	MP4A	N295A	N299A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
30	MP3A	N296A	N300A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
31	MP2A	N297A	N301A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
32	MP1A	N298A	N302A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
33	M36	N66	N64			RIGID	None	None	RIGID	Typical
34	M37	N64	N80		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
35	M38	N79	N64		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
36	M39	N65	N66A			RIGID	None	None	RIGID	Typical
37	M40	N68A	N67A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
38	M95	N141	N142			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
39	M96	N146	N150			RIGID	None	None	RIGID	Typical
40	M97	N145	N149			RIGID	None	None	RIGID	Typical
41	M98	N144	N148			RIGID	None	None	RIGID	Typical
42	M99	N143A	N147			RIGID	None	None	RIGID	Typical
43	M100	N151	N152			Support Rail	Beam	Pipe	A53 Gr.B	Typical
44	M101	N156	N160			RIGID	None	None	RIGID	Typical
45	M102	N155	N159			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
46	M103	N154	N158			RIGID	None	None	RIGID	Typical
47	M104	N153	N157			RIGID	None	None	RIGID	Typical
48	MP4C	N161	N165		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
49	MP3C	N162	N166		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
50	MP2C	N163	N167		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
51	MP1C	N164	N168		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
52	M109	N181	N182			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
53	M110	N186	N190			RIGID	None	None	RIGID	Typical
54	M111A	N185	N189			RIGID	None	None	RIGID	Typical
55	M112	N184	N188			RIGID	None	None	RIGID	Typical
56	M113	N183	N187			RIGID	None	None	RIGID	Typical
57	M114	N191	N192			Support Rail	Beam	Pipe	A53 Gr.B	Typical
58	M115	N196	N200			RIGID	None	None	RIGID	Typical
59	M116	N195	N199			RIGID	None	None	RIGID	Typical
60	M117	N194	N198			RIGID	None	None	RIGID	Typical
61	M118	N193	N197			RIGID	None	None	RIGID	Typical
62	MP4B	N201	N205		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
63	MP3B	N202	N206		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
64	MP2B	N203	N207		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
65	MP1B	N204	N208		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
66	M69	N147A	N148A			RIGID	None	None	RIGID	Typical
67	M70	N149A	N170A			RIGID	None	None	RIGID	Typical
68	M71	N146A	N144A			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
69	M72	N151A	N153A			RIGID	None	None	RIGID	Typical
70	M74	N152A	N82A			RIGID	None	None	RIGID	Typical
71	M76	N157A	N155A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
72	M77	N156A	N157A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
73	M78	N156A	N149A		240	RIGID	None	None	RIGID	Typical
74	M79	N155A	N147A		240	RIGID	None	None	RIGID	Typical
75	M80	N157A	N150A		240	RIGID	None	None	RIGID	Typical
76	M81	N152A	N159A		120	RIGID	None	None	RIGID	Typical
77	M82	N151A	N158A		120	RIGID	None	None	RIGID	Typical
78	M83	N160A	N162A		120	RIGID	None	None	RIGID	Typical
79	M84	N161A	N163A		120	RIGID	None	None	RIGID	Typical
80	M85	N166A	N164A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
81	M86	N167A	N165A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
82	M87	N156A	N159A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
83	M88	N158A	N155A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
84	M90	N145A	N171		120	RIGID	None	None	RIGID	Typical
85	M91	N171	N159A		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
86	M92	N158A	N171		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
87	M95A	N180B	N181A			RIGID	None	None	RIGID	Typical
88	M96A	N182A	N203A			RIGID	None	None	RIGID	Typical
89	M97A	N179B	N177A			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
90	M98A	N184A	N114			RIGID	None	None	RIGID	Typical
91	M100A	N185A	N187A			RIGID	None	None	RIGID	Typical
92	M102A	N190A	N188A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
93	M103A	N189A	N190A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
94	M104A	N189A	N182A		120	RIGID	None	None	RIGID	Typical
95	M105A	N188A	N180B		120	RIGID	None	None	RIGID	Typical
96	M106A	N190A	N183A		120	RIGID	None	None	RIGID	Typical
97	M107A	N185A	N192A		240	RIGID	None	None	RIGID	Typical
98	M108A	N184A	N191A		240	RIGID	None	None	RIGID	Typical
99	M109A	N193A	N195A		240	RIGID	None	None	RIGID	Typical
100	M110A	N194A	N196A		240	RIGID	None	None	RIGID	Typical
101	M111B	N199A	N197A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
102	M112A	N200A	N198A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
103	M113A	N189A	N192A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
104	M114A	N191A	N188A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
105	M116A	N178B	N204A		240	RIGID	None	None	RIGID	Typical
106	M117A	N204A	N192A		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
107	M118A	N191A	N204A		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
108	M114B	N68B	N189B			RIGID	None	None	RIGID	Typical
109	M115A	N67B	N191B			RIGID	None	None	RIGID	Typical
110	M116B	N170	N194B			RIGID	None	None	RIGID	Typical
111	M117B	N169	N195B			RIGID	None	None	RIGID	Typical
112	M118B	N210	N199B			RIGID	None	None	RIGID	Typical
113	M119A	N209	N200B			RIGID	None	None	RIGID	Typical
114	M120A	N199B	N191B		180	Handrail plate	Beam	Single Angle	A36 Gr.36	Typical
115	M121A	N189B	N195B		180	Handrail plate	Beam	Single Angle	A36 Gr.36	Typical
116	M122A	N194B	N200B		180	Handrail plate	Beam	Single Angle	A36 Gr.36	Typical
117	M123	N195C	N196B			RIGID	None	None	RIGID	Typical
118	M124	N196B	N197B			Kickers	Beam	Single Angle	A36 Gr.36	Typical
119	M125	N199C	N200C		240	RIGID	None	None	RIGID	Typical
120	M126	N200C	N201A			Kickers	Beam	Single Angle	A36 Gr.36	Typical
121	M127	N203B	N204B		120	RIGID	None	None	RIGID	Typical
122	M128	N204B	N205A			Kickers	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M46		BenPIN				Yes	** NA **			None
2	M47		BenPIN				Yes	** NA **			None
3	M48						Yes		Vertical		None
4	M49		BenPIN				Yes	** NA **			None
5	M51		BenPIN				Yes	** NA **			None
6	M53						Yes				None
7	M54						Yes	Default			None
8	M55						Yes	** NA **			None
9	M56						Yes	** NA **			None
10	M57						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M60						Yes	** NA **			None
14	M61						Yes	** NA **			None
15	M62						Yes				None
16	M63						Yes				None
17	M66						Yes				None
18	M67						Yes				None
19	M200						Yes				None
20	M182A						Yes	** NA **			None
21	M183A						Yes	** NA **			None
22	M184A						Yes	** NA **			None
23	M185A						Yes	** NA **			None
24	M186A						Yes				None
25	M187A						Yes	** NA **			None
26	M188A						Yes	** NA **			None
27	M189A						Yes	** NA **			None
28	M190A						Yes	** NA **			None
29	MP4A						Yes	** NA **			None
30	MP3A						Yes	** NA **			None
31	MP2A						Yes	** NA **			None
32	MP1A						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...
33	M36						Yes	** NA **			None
34	M37						Yes				None
35	M38						Yes				None
36	M39						Yes	** NA **			None
37	M40						Yes	** NA **			None
38	M95						Yes				None
39	M96						Yes	** NA **			None
40	M97						Yes	** NA **			None
41	M98						Yes	** NA **			None
42	M99						Yes	** NA **			None
43	M100						Yes				None
44	M101						Yes	** NA **			None
45	M102						Yes	** NA **			None
46	M103						Yes	** NA **			None
47	M104						Yes	** NA **			None
48	MP4C						Yes	** NA **			None
49	MP3C						Yes	** NA **			None
50	MP2C						Yes	** NA **			None
51	MP1C						Yes	** NA **			None
52	M109						Yes				None
53	M110						Yes	** NA **			None
54	M111A						Yes	** NA **			None
55	M112						Yes	** NA **			None
56	M113						Yes	** NA **			None
57	M114						Yes				None
58	M115						Yes	** NA **			None
59	M116						Yes	** NA **			None
60	M117						Yes	** NA **			None
61	M118						Yes	** NA **			None
62	MP4B						Yes	** NA **			None
63	MP3B						Yes	** NA **			None
64	MP2B						Yes	** NA **			None
65	MP1B						Yes	** NA **			None
66	M69		BenPIN				Yes	** NA **			None
67	M70		BenPIN				Yes	** NA **			None
68	M71						Yes		Vertical		None
69	M72		BenPIN				Yes	** NA **			None
70	M74		BenPIN				Yes	** NA **			None
71	M76						Yes				None
72	M77						Yes	Default			None
73	M78						Yes	** NA **			None
74	M79						Yes	** NA **			None
75	M80						Yes	** NA **			None
76	M81						Yes	** NA **			None
77	M82						Yes	** NA **			None
78	M83						Yes	** NA **			None
79	M84						Yes	** NA **			None
80	M85						Yes				None
81	M86						Yes				None
82	M87						Yes				None
83	M88						Yes				None
84	M90						Yes	** NA **			None
85	M91						Yes				None
86	M92						Yes				None
87	M95A		BenPIN				Yes	** NA **			None
88	M96A		BenPIN				Yes	** NA **			None
89	M97A						Yes		Vertical		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...
90	M98A		BenPIN				Yes	** NA **			None
91	M100A		BenPIN				Yes	** NA **			None
92	M102A						Yes				None
93	M103A						Yes	Default			None
94	M104A						Yes	** NA **			None
95	M105A						Yes	** NA **			None
96	M106A						Yes	** NA **			None
97	M107A						Yes	** NA **			None
98	M108A						Yes	** NA **			None
99	M109A						Yes	** NA **			None
100	M110A						Yes	** NA **			None
101	M111B						Yes				None
102	M112A						Yes				None
103	M113A						Yes				None
104	M114A						Yes				None
105	M116A						Yes	** NA **			None
106	M117A						Yes				None
107	M118A						Yes				None
108	M114B	OOOOOX					Yes	** NA **			None
109	M115A	OOOOOX					Yes	** NA **			None
110	M116B	OOOOOX					Yes	** NA **			None
111	M117B	OOOOOX					Yes	** NA **			None
112	M118B	OOOOOX					Yes	** NA **			None
113	M119A	OOOOOX					Yes	** NA **			None
114	M120A						Yes	Default			None
115	M121A						Yes	Default			None
116	M122A						Yes	Default			None
117	M123						Yes	** NA **			None
118	M124	BenPIN	BenPIN				Yes	Default			None
119	M125						Yes	** NA **			None
120	M126	BenPIN	BenPIN				Yes	Default			None
121	M127						Yes	** NA **			None
122	M128	BenPIN	BenPIN				Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-18.7	6.46
2	MP1A	My	-.008	6.46
3	MP1A	Mz	0	6.46
4	MP1B	Y	-18.7	6.46
5	MP1B	My	-.008	6.46
6	MP1B	Mz	0	6.46
7	MP1C	Y	-18.7	6.46
8	MP1C	My	-.008	6.46
9	MP1C	Mz	0	6.46
10	MP1A	Y	-43.55	.75
11	MP1A	My	-.022	.75
12	MP1A	Mz	0	.75
13	MP1A	Y	-43.55	2.75
14	MP1A	My	-.022	2.75
15	MP1A	Mz	0	2.75
16	MP1B	Y	-43.55	.75
17	MP1B	My	-.022	.75
18	MP1B	Mz	0	.75
19	MP1B	Y	-43.55	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP1B	My	-.022	2.75
21	MP1B	Mz	0	2.75
22	MP1C	Y	-43.55	.75
23	MP1C	My	-.022	.75
24	MP1C	Mz	0	.75
25	MP1C	Y	-43.55	2.75
26	MP1C	My	-.022	2.75
27	MP1C	Mz	0	2.75
28	MP4A	Y	-6	1
29	MP4A	My	-.005	1
30	MP4A	Mz	0	1
31	MP4A	Y	-6	4.5
32	MP4A	My	-.005	4.5
33	MP4A	Mz	0	4.5
34	MP4B	Y	-6	1
35	MP4B	My	-.005	1
36	MP4B	Mz	0	1
37	MP4B	Y	-6	4.5
38	MP4B	My	-.005	4.5
39	MP4B	Mz	0	4.5
40	MP3A	Y	-20	1
41	MP3A	My	-.018	1
42	MP3A	Mz	.013	1
43	MP3A	Y	-20	4.5
44	MP3A	My	-.018	4.5
45	MP3A	Mz	.013	4.5
46	MP3B	Y	-20	1
47	MP3B	My	-.002	1
48	MP3B	Mz	-.023	1
49	MP3B	Y	-20	4.5
50	MP3B	My	-.002	4.5
51	MP3B	Mz	-.023	4.5
52	MP3C	Y	-20	1
53	MP3C	My	.021	1
54	MP3C	Mz	.009	1
55	MP3C	Y	-20	4.5
56	MP3C	My	.021	4.5
57	MP3C	Mz	.009	4.5
58	MP3A	Y	-20	1
59	MP3A	My	-.018	1
60	MP3A	Mz	-.013	1
61	MP3A	Y	-20	4.5
62	MP3A	My	-.018	4.5
63	MP3A	Mz	-.013	4.5
64	MP3B	Y	-20	1
65	MP3B	My	.021	1
66	MP3B	Mz	-.009	1
67	MP3B	Y	-20	4.5
68	MP3B	My	.021	4.5
69	MP3B	Mz	-.009	4.5
70	MP3C	Y	-20	1
71	MP3C	My	-.002	1
72	MP3C	Mz	.023	1
73	MP3C	Y	-20	4.5
74	MP3C	My	-.002	4.5
75	MP3C	Mz	.023	4.5
76	MP4C	Y	-6	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4C	My	.003	1
78	MP4C	Mz	.005	1
79	MP4C	Y	-6	4.5
80	MP4C	My	.003	4.5
81	MP4C	Mz	.005	4.5
82	MP3A	Y	-84.4	3.25
83	MP3A	My	.042	3.25
84	MP3A	Mz	.06	3.25
85	MP3B	Y	-84.4	3.25
86	MP3B	My	.042	3.25
87	MP3B	Mz	.06	3.25
88	MP3C	Y	-84.4	3.25
89	MP3C	My	.042	3.25
90	MP3C	Mz	.06	3.25
91	MP3A	Y	-70.3	3.25
92	MP3A	My	.035	3.25
93	MP3A	Mz	-.05	3.25
94	MP3B	Y	-70.3	3.25
95	MP3B	My	.035	3.25
96	MP3B	Mz	-.05	3.25
97	MP3C	Y	-70.3	3.25
98	MP3C	My	.035	3.25
99	MP3C	Mz	-.05	3.25
100	M40	Y	-26.9	1.5
101	M40	My	0	1.5
102	M40	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-31.533	6.46
2	MP1A	My	-.013	6.46
3	MP1A	Mz	0	6.46
4	MP1B	Y	-31.533	6.46
5	MP1B	My	-.013	6.46
6	MP1B	Mz	0	6.46
7	MP1C	Y	-31.533	6.46
8	MP1C	My	-.013	6.46
9	MP1C	Mz	0	6.46
10	MP1A	Y	-54.427	.75
11	MP1A	My	-.027	.75
12	MP1A	Mz	0	.75
13	MP1A	Y	-54.427	2.75
14	MP1A	My	-.027	2.75
15	MP1A	Mz	0	2.75
16	MP1B	Y	-54.427	.75
17	MP1B	My	-.027	.75
18	MP1B	Mz	0	.75
19	MP1B	Y	-54.427	2.75
20	MP1B	My	-.027	2.75
21	MP1B	Mz	0	2.75
22	MP1C	Y	-54.427	.75
23	MP1C	My	-.027	.75
24	MP1C	Mz	0	.75
25	MP1C	Y	-54.427	2.75
26	MP1C	My	-.027	2.75
27	MP1C	Mz	0	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	Y	-47.534	1
29	MP4A	My	-.044	1
30	MP4A	Mz	0	1
31	MP4A	Y	-47.534	4.5
32	MP4A	My	-.044	4.5
33	MP4A	Mz	0	4.5
34	MP4B	Y	-47.534	1
35	MP4B	My	-.044	1
36	MP4B	Mz	0	1
37	MP4B	Y	-47.534	4.5
38	MP4B	My	-.044	4.5
39	MP4B	Mz	0	4.5
40	MP3A	Y	-92.947	1
41	MP3A	My	-.085	1
42	MP3A	Mz	.062	1
43	MP3A	Y	-92.947	4.5
44	MP3A	My	-.085	4.5
45	MP3A	Mz	.062	4.5
46	MP3B	Y	-92.947	1
47	MP3B	My	-.011	1
48	MP3B	Mz	-.105	1
49	MP3B	Y	-92.947	4.5
50	MP3B	My	-.011	4.5
51	MP3B	Mz	-.105	4.5
52	MP3C	Y	-92.947	1
53	MP3C	My	.096	1
54	MP3C	Mz	.043	1
55	MP3C	Y	-92.947	4.5
56	MP3C	My	.096	4.5
57	MP3C	Mz	.043	4.5
58	MP3A	Y	-92.947	1
59	MP3A	My	-.085	1
60	MP3A	Mz	-.062	1
61	MP3A	Y	-92.947	4.5
62	MP3A	My	-.085	4.5
63	MP3A	Mz	-.062	4.5
64	MP3B	Y	-92.947	1
65	MP3B	My	.096	1
66	MP3B	Mz	-.043	1
67	MP3B	Y	-92.947	4.5
68	MP3B	My	.096	4.5
69	MP3B	Mz	-.043	4.5
70	MP3C	Y	-92.947	1
71	MP3C	My	-.011	1
72	MP3C	Mz	.105	1
73	MP3C	Y	-92.947	4.5
74	MP3C	My	-.011	4.5
75	MP3C	Mz	.105	4.5
76	MP4C	Y	-47.116	1
77	MP4C	My	.022	1
78	MP4C	Mz	.037	1
79	MP4C	Y	-47.116	4.5
80	MP4C	My	.022	4.5
81	MP4C	Mz	.037	4.5
82	MP3A	Y	-69.123	3.25
83	MP3A	My	.035	3.25
84	MP3A	Mz	.049	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	Y	-69.123	3.25
86	MP3B	My	.035	3.25
87	MP3B	Mz	.049	3.25
88	MP3C	Y	-69.123	3.25
89	MP3C	My	.035	3.25
90	MP3C	Mz	.049	3.25
91	MP3A	Y	-62.387	3.25
92	MP3A	My	.031	3.25
93	MP3A	Mz	-.044	3.25
94	MP3B	Y	-62.387	3.25
95	MP3B	My	.031	3.25
96	MP3B	Mz	-.044	3.25
97	MP3C	Y	-62.387	3.25
98	MP3C	My	.031	3.25
99	MP3C	Mz	-.044	3.25
100	M40	Y	-84.659	1.5
101	M40	My	0	1.5
102	M40	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	-38.41	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	-38.41	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	-38.41	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	-90.264	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	-90.264	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	-90.264	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	-90.264	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	-90.264	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	-90.264	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	-68.37	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	-68.37	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	-68.37	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	-68.37	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	-156.714	1
42	MP3A	Mx	-.104	1
43	MP3A	X	0	4.5
44	MP3A	Z	-156.714	4.5
45	MP3A	Mx	-.104	4.5
46	MP3B	X	0	1
47	MP3B	Z	-116.906	1
48	MP3B	Mx	.132	1
49	MP3B	X	0	4.5
50	MP3B	Z	-116.906	4.5
51	MP3B	Mx	.132	4.5
52	MP3C	X	0	1
53	MP3C	Z	-116.906	1
54	MP3C	Mx	-.054	1
55	MP3C	X	0	4.5
56	MP3C	Z	-116.906	4.5
57	MP3C	Mx	-.054	4.5
58	MP3A	X	0	1
59	MP3A	Z	-156.714	1
60	MP3A	Mx	.104	1
61	MP3A	X	0	4.5
62	MP3A	Z	-156.714	4.5
63	MP3A	Mx	.104	4.5
64	MP3B	X	0	1
65	MP3B	Z	-116.906	1
66	MP3B	Mx	.054	1
67	MP3B	X	0	4.5
68	MP3B	Z	-116.906	4.5
69	MP3B	Mx	.054	4.5
70	MP3C	X	0	1
71	MP3C	Z	-116.906	1
72	MP3C	Mx	-.132	1
73	MP3C	X	0	4.5
74	MP3C	Z	-116.906	4.5
75	MP3C	Mx	-.132	4.5
76	MP4C	X	0	1
77	MP4C	Z	-56.305	1
78	MP4C	Mx	-.045	1
79	MP4C	X	0	4.5
80	MP4C	Z	-56.305	4.5
81	MP4C	Mx	-.045	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	-71.827	3.25
84	MP3A	Mx	-.051	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	-71.827	3.25
87	MP3B	Mx	-.051	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	-71.827	3.25
90	MP3C	Mx	-.051	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	-71.827	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3A	Mx	.051	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	-71.827	3.25
96	MP3B	Mx	.051	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	-71.827	3.25
99	MP3C	Mx	.051	3.25
100	M40	X	0	1.5
101	M40	Z	-87.609	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	16.81	6.46
2	MP1A	Z	-29.115	6.46
3	MP1A	Mx	-.007	6.46
4	MP1B	X	16.81	6.46
5	MP1B	Z	-29.115	6.46
6	MP1B	Mx	-.007	6.46
7	MP1C	X	16.81	6.46
8	MP1C	Z	-29.115	6.46
9	MP1C	Mx	-.007	6.46
10	MP1A	X	38.266	.75
11	MP1A	Z	-66.279	.75
12	MP1A	Mx	-.019	.75
13	MP1A	X	38.266	2.75
14	MP1A	Z	-66.279	2.75
15	MP1A	Mx	-.019	2.75
16	MP1B	X	38.266	.75
17	MP1B	Z	-66.279	.75
18	MP1B	Mx	-.019	.75
19	MP1B	X	38.266	2.75
20	MP1B	Z	-66.279	2.75
21	MP1B	Mx	-.019	2.75
22	MP1C	X	38.266	.75
23	MP1C	Z	-66.279	.75
24	MP1C	Mx	-.019	.75
25	MP1C	X	38.266	2.75
26	MP1C	Z	-66.279	2.75
27	MP1C	Mx	-.019	2.75
28	MP4A	X	32.343	1
29	MP4A	Z	-56.021	1
30	MP4A	Mx	-.03	1
31	MP4A	X	32.343	4.5
32	MP4A	Z	-56.021	4.5
33	MP4A	Mx	-.03	4.5
34	MP4B	X	32.343	1
35	MP4B	Z	-56.021	1
36	MP4B	Mx	-.03	1
37	MP4B	X	32.343	4.5
38	MP4B	Z	-56.021	4.5
39	MP4B	Mx	-.03	4.5
40	MP3A	X	71.722	1
41	MP3A	Z	-124.227	1
42	MP3A	Mx	-.149	1
43	MP3A	X	71.722	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3A	Z	-124.227	4.5
45	MP3A	Mx	-.149	4.5
46	MP3B	X	51.818	1
47	MP3B	Z	-89.752	1
48	MP3B	Mx	.095	1
49	MP3B	X	51.818	4.5
50	MP3B	Z	-89.752	4.5
51	MP3B	Mx	.095	4.5
52	MP3C	X	71.722	1
53	MP3C	Z	-124.227	1
54	MP3C	Mx	.017	1
55	MP3C	X	71.722	4.5
56	MP3C	Z	-124.227	4.5
57	MP3C	Mx	.017	4.5
58	MP3A	X	71.722	1
59	MP3A	Z	-124.227	1
60	MP3A	Mx	.017	1
61	MP3A	X	71.722	4.5
62	MP3A	Z	-124.227	4.5
63	MP3A	Mx	.017	4.5
64	MP3B	X	51.818	1
65	MP3B	Z	-89.752	1
66	MP3B	Mx	.095	1
67	MP3B	X	51.818	4.5
68	MP3B	Z	-89.752	4.5
69	MP3B	Mx	.095	4.5
70	MP3C	X	71.722	1
71	MP3C	Z	-124.227	1
72	MP3C	Mx	-.149	1
73	MP3C	X	71.722	4.5
74	MP3C	Z	-124.227	4.5
75	MP3C	Mx	-.149	4.5
76	MP4C	X	32.43	1
77	MP4C	Z	-56.171	1
78	MP4C	Mx	-.03	1
79	MP4C	X	32.43	4.5
80	MP4C	Z	-56.171	4.5
81	MP4C	Mx	-.03	4.5
82	MP3A	X	32.937	3.25
83	MP3A	Z	-57.048	3.25
84	MP3A	Mx	-.024	3.25
85	MP3B	X	32.937	3.25
86	MP3B	Z	-57.048	3.25
87	MP3B	Mx	-.024	3.25
88	MP3C	X	32.937	3.25
89	MP3C	Z	-57.048	3.25
90	MP3C	Mx	-.024	3.25
91	MP3A	X	31.797	3.25
92	MP3A	Z	-55.073	3.25
93	MP3A	Mx	.055	3.25
94	MP3B	X	31.797	3.25
95	MP3B	Z	-55.073	3.25
96	MP3B	Mx	.055	3.25
97	MP3C	X	31.797	3.25
98	MP3C	Z	-55.073	3.25
99	MP3C	Mx	.055	3.25
100	M40	X	35.388	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	M40	Z	-61.294	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	20.817	6.46
2	MP1A	Z	-12.019	6.46
3	MP1A	Mx	-.009	6.46
4	MP1B	X	20.817	6.46
5	MP1B	Z	-12.019	6.46
6	MP1B	Mx	-.009	6.46
7	MP1C	X	20.817	6.46
8	MP1C	Z	-12.019	6.46
9	MP1C	Mx	-.009	6.46
10	MP1A	X	42.496	.75
11	MP1A	Z	-24.535	.75
12	MP1A	Mx	-.021	.75
13	MP1A	X	42.496	2.75
14	MP1A	Z	-24.535	2.75
15	MP1A	Mx	-.021	2.75
16	MP1B	X	42.496	.75
17	MP1B	Z	-24.535	.75
18	MP1B	Mx	-.021	.75
19	MP1B	X	42.496	2.75
20	MP1B	Z	-24.535	2.75
21	MP1B	Mx	-.021	2.75
22	MP1C	X	42.496	.75
23	MP1C	Z	-24.535	.75
24	MP1C	Mx	-.021	.75
25	MP1C	X	42.496	2.75
26	MP1C	Z	-24.535	2.75
27	MP1C	Mx	-.021	2.75
28	MP4A	X	49.641	1
29	MP4A	Z	-28.66	1
30	MP4A	Mx	-.046	1
31	MP4A	X	49.641	4.5
32	MP4A	Z	-28.66	4.5
33	MP4A	Mx	-.046	4.5
34	MP4B	X	49.641	1
35	MP4B	Z	-28.66	1
36	MP4B	Mx	-.046	1
37	MP4B	X	49.641	4.5
38	MP4B	Z	-28.66	4.5
39	MP4B	Mx	-.046	4.5
40	MP3A	X	101.243	1
41	MP3A	Z	-58.453	1
42	MP3A	Mx	-.132	1
43	MP3A	X	101.243	4.5
44	MP3A	Z	-58.453	4.5
45	MP3A	Mx	-.132	4.5
46	MP3B	X	101.243	1
47	MP3B	Z	-58.453	1
48	MP3B	Mx	.054	1
49	MP3B	X	101.243	4.5
50	MP3B	Z	-58.453	4.5
51	MP3B	Mx	.054	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	135.718	1
53	MP3C	Z	-78.357	1
54	MP3C	Mx	.104	1
55	MP3C	X	135.718	4.5
56	MP3C	Z	-78.357	4.5
57	MP3C	Mx	.104	4.5
58	MP3A	X	101.243	1
59	MP3A	Z	-58.453	1
60	MP3A	Mx	-.054	1
61	MP3A	X	101.243	4.5
62	MP3A	Z	-58.453	4.5
63	MP3A	Mx	-.054	4.5
64	MP3B	X	101.243	1
65	MP3B	Z	-58.453	1
66	MP3B	Mx	.132	1
67	MP3B	X	101.243	4.5
68	MP3B	Z	-58.453	4.5
69	MP3B	Mx	.132	4.5
70	MP3C	X	135.718	1
71	MP3C	Z	-78.357	1
72	MP3C	Mx	-.104	1
73	MP3C	X	135.718	4.5
74	MP3C	Z	-78.357	4.5
75	MP3C	Mx	-.104	4.5
76	MP4C	X	59.876	1
77	MP4C	Z	-34.569	1
78	MP4C	Mx	0	1
79	MP4C	X	59.876	4.5
80	MP4C	Z	-34.569	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	46.736	3.25
83	MP3A	Z	-26.983	3.25
84	MP3A	Mx	.004	3.25
85	MP3B	X	46.736	3.25
86	MP3B	Z	-26.983	3.25
87	MP3B	Mx	.004	3.25
88	MP3C	X	46.736	3.25
89	MP3C	Z	-26.983	3.25
90	MP3C	Mx	.004	3.25
91	MP3A	X	40.811	3.25
92	MP3A	Z	-23.562	3.25
93	MP3A	Mx	.037	3.25
94	MP3B	X	40.811	3.25
95	MP3B	Z	-23.562	3.25
96	MP3B	Mx	.037	3.25
97	MP3C	X	40.811	3.25
98	MP3C	Z	-23.562	3.25
99	MP3C	Mx	.037	3.25
100	M40	X	54.005	1.5
101	M40	Z	-31.18	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	19.247	6.46
2	MP1A	Z	0	6.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	Mx	-.008	6.46
4	MP1B	X	19.247	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	-.008	6.46
7	MP1C	X	19.247	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	-.008	6.46
10	MP1A	X	35.338	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	-.018	.75
13	MP1A	X	35.338	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	-.018	2.75
16	MP1B	X	35.338	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	-.018	.75
19	MP1B	X	35.338	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	-.018	2.75
22	MP1C	X	35.338	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	-.018	.75
25	MP1C	X	35.338	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	-.018	2.75
28	MP4A	X	53.637	1
29	MP4A	Z	0	1
30	MP4A	Mx	-.049	1
31	MP4A	X	53.637	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	-.049	4.5
34	MP4B	X	53.637	1
35	MP4B	Z	0	1
36	MP4B	Mx	-.049	1
37	MP4B	X	53.637	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	-.049	4.5
40	MP3A	X	103.636	1
41	MP3A	Z	0	1
42	MP3A	Mx	-.095	1
43	MP3A	X	103.636	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	-.095	4.5
46	MP3B	X	143.445	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.017	1
49	MP3B	X	143.445	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	-.017	4.5
52	MP3C	X	143.445	1
53	MP3C	Z	0	1
54	MP3C	Mx	.149	1
55	MP3C	X	143.445	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	.149	4.5
58	MP3A	X	103.636	1
59	MP3A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	-.095	1
61	MP3A	X	103.636	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.095	4.5
64	MP3B	X	143.445	1
65	MP3B	Z	0	1
66	MP3B	Mx	.149	1
67	MP3B	X	143.445	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.149	4.5
70	MP3C	X	143.445	1
71	MP3C	Z	0	1
72	MP3C	Mx	-.017	1
73	MP3C	X	143.445	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.017	4.5
76	MP4C	X	64.861	1
77	MP4C	Z	0	1
78	MP4C	Mx	.03	1
79	MP4C	X	64.861	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	.03	4.5
82	MP3A	X	48.013	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	.024	3.25
85	MP3B	X	48.013	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	.024	3.25
88	MP3C	X	48.013	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	.024	3.25
91	MP3A	X	38.89	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	.019	3.25
94	MP3B	X	38.89	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	.019	3.25
97	MP3C	X	38.89	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	.019	3.25
100	M40	X	70.776	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	20.817	6.46
2	MP1A	Z	12.019	6.46
3	MP1A	Mx	-.009	6.46
4	MP1B	X	20.817	6.46
5	MP1B	Z	12.019	6.46
6	MP1B	Mx	-.009	6.46
7	MP1C	X	20.817	6.46
8	MP1C	Z	12.019	6.46
9	MP1C	Mx	-.009	6.46
10	MP1A	X	42.496	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1A	Z	24.535	.75
12	MP1A	Mx	-.021	.75
13	MP1A	X	42.496	2.75
14	MP1A	Z	24.535	2.75
15	MP1A	Mx	-.021	2.75
16	MP1B	X	42.496	.75
17	MP1B	Z	24.535	.75
18	MP1B	Mx	-.021	.75
19	MP1B	X	42.496	2.75
20	MP1B	Z	24.535	2.75
21	MP1B	Mx	-.021	2.75
22	MP1C	X	42.496	.75
23	MP1C	Z	24.535	.75
24	MP1C	Mx	-.021	.75
25	MP1C	X	42.496	2.75
26	MP1C	Z	24.535	2.75
27	MP1C	Mx	-.021	2.75
28	MP4A	X	49.641	1
29	MP4A	Z	28.66	1
30	MP4A	Mx	-.046	1
31	MP4A	X	49.641	4.5
32	MP4A	Z	28.66	4.5
33	MP4A	Mx	-.046	4.5
34	MP4B	X	49.641	1
35	MP4B	Z	28.66	1
36	MP4B	Mx	-.046	1
37	MP4B	X	49.641	4.5
38	MP4B	Z	28.66	4.5
39	MP4B	Mx	-.046	4.5
40	MP3A	X	101.243	1
41	MP3A	Z	58.453	1
42	MP3A	Mx	-.054	1
43	MP3A	X	101.243	4.5
44	MP3A	Z	58.453	4.5
45	MP3A	Mx	-.054	4.5
46	MP3B	X	135.718	1
47	MP3B	Z	78.357	1
48	MP3B	Mx	-.104	1
49	MP3B	X	135.718	4.5
50	MP3B	Z	78.357	4.5
51	MP3B	Mx	-.104	4.5
52	MP3C	X	101.243	1
53	MP3C	Z	58.453	1
54	MP3C	Mx	.132	1
55	MP3C	X	101.243	4.5
56	MP3C	Z	58.453	4.5
57	MP3C	Mx	.132	4.5
58	MP3A	X	101.243	1
59	MP3A	Z	58.453	1
60	MP3A	Mx	-.132	1
61	MP3A	X	101.243	4.5
62	MP3A	Z	58.453	4.5
63	MP3A	Mx	-.132	4.5
64	MP3B	X	135.718	1
65	MP3B	Z	78.357	1
66	MP3B	Mx	.104	1
67	MP3B	X	135.718	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3B	Z	78.357	4.5
69	MP3B	Mx	.104	4.5
70	MP3C	X	101.243	1
71	MP3C	Z	58.453	1
72	MP3C	Mx	.054	1
73	MP3C	X	101.243	4.5
74	MP3C	Z	58.453	4.5
75	MP3C	Mx	.054	4.5
76	MP4C	X	48.762	1
77	MP4C	Z	28.153	1
78	MP4C	Mx	.045	1
79	MP4C	X	48.762	4.5
80	MP4C	Z	28.153	4.5
81	MP4C	Mx	.045	4.5
82	MP3A	X	46.736	3.25
83	MP3A	Z	26.983	3.25
84	MP3A	Mx	.042	3.25
85	MP3B	X	46.736	3.25
86	MP3B	Z	26.983	3.25
87	MP3B	Mx	.042	3.25
88	MP3C	X	46.736	3.25
89	MP3C	Z	26.983	3.25
90	MP3C	Mx	.042	3.25
91	MP3A	X	40.811	3.25
92	MP3A	Z	23.562	3.25
93	MP3A	Mx	.004	3.25
94	MP3B	X	40.811	3.25
95	MP3B	Z	23.562	3.25
96	MP3B	Mx	.004	3.25
97	MP3C	X	40.811	3.25
98	MP3C	Z	23.562	3.25
99	MP3C	Mx	.004	3.25
100	M40	X	75.872	1.5
101	M40	Z	43.805	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	16.81	6.46
2	MP1A	Z	29.115	6.46
3	MP1A	Mx	-.007	6.46
4	MP1B	X	16.81	6.46
5	MP1B	Z	29.115	6.46
6	MP1B	Mx	-.007	6.46
7	MP1C	X	16.81	6.46
8	MP1C	Z	29.115	6.46
9	MP1C	Mx	-.007	6.46
10	MP1A	X	38.266	.75
11	MP1A	Z	66.279	.75
12	MP1A	Mx	-.019	.75
13	MP1A	X	38.266	2.75
14	MP1A	Z	66.279	2.75
15	MP1A	Mx	-.019	2.75
16	MP1B	X	38.266	.75
17	MP1B	Z	66.279	.75
18	MP1B	Mx	-.019	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP1B	X	38.266	2.75
20	MP1B	Z	66.279	2.75
21	MP1B	Mx	-.019	2.75
22	MP1C	X	38.266	.75
23	MP1C	Z	66.279	.75
24	MP1C	Mx	-.019	.75
25	MP1C	X	38.266	2.75
26	MP1C	Z	66.279	2.75
27	MP1C	Mx	-.019	2.75
28	MP4A	X	32.343	1
29	MP4A	Z	56.021	1
30	MP4A	Mx	-.03	1
31	MP4A	X	32.343	4.5
32	MP4A	Z	56.021	4.5
33	MP4A	Mx	-.03	4.5
34	MP4B	X	32.343	1
35	MP4B	Z	56.021	1
36	MP4B	Mx	-.03	1
37	MP4B	X	32.343	4.5
38	MP4B	Z	56.021	4.5
39	MP4B	Mx	-.03	4.5
40	MP3A	X	71.722	1
41	MP3A	Z	124.227	1
42	MP3A	Mx	.017	1
43	MP3A	X	71.722	4.5
44	MP3A	Z	124.227	4.5
45	MP3A	Mx	.017	4.5
46	MP3B	X	71.722	1
47	MP3B	Z	124.227	1
48	MP3B	Mx	-.149	1
49	MP3B	X	71.722	4.5
50	MP3B	Z	124.227	4.5
51	MP3B	Mx	-.149	4.5
52	MP3C	X	51.818	1
53	MP3C	Z	89.752	1
54	MP3C	Mx	.095	1
55	MP3C	X	51.818	4.5
56	MP3C	Z	89.752	4.5
57	MP3C	Mx	.095	4.5
58	MP3A	X	71.722	1
59	MP3A	Z	124.227	1
60	MP3A	Mx	-.149	1
61	MP3A	X	71.722	4.5
62	MP3A	Z	124.227	4.5
63	MP3A	Mx	-.149	4.5
64	MP3B	X	71.722	1
65	MP3B	Z	124.227	1
66	MP3B	Mx	.017	1
67	MP3B	X	71.722	4.5
68	MP3B	Z	124.227	4.5
69	MP3B	Mx	.017	4.5
70	MP3C	X	51.818	1
71	MP3C	Z	89.752	1
72	MP3C	Mx	.095	1
73	MP3C	X	51.818	4.5
74	MP3C	Z	89.752	4.5
75	MP3C	Mx	.095	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4C	X	26.014	1
77	MP4C	Z	45.057	1
78	MP4C	Mx	.048	1
79	MP4C	X	26.014	4.5
80	MP4C	Z	45.057	4.5
81	MP4C	Mx	.048	4.5
82	MP3A	X	32.937	3.25
83	MP3A	Z	57.048	3.25
84	MP3A	Mx	.057	3.25
85	MP3B	X	32.937	3.25
86	MP3B	Z	57.048	3.25
87	MP3B	Mx	.057	3.25
88	MP3C	X	32.937	3.25
89	MP3C	Z	57.048	3.25
90	MP3C	Mx	.057	3.25
91	MP3A	X	31.797	3.25
92	MP3A	Z	55.073	3.25
93	MP3A	Mx	-.023	3.25
94	MP3B	X	31.797	3.25
95	MP3B	Z	55.073	3.25
96	MP3B	Mx	-.023	3.25
97	MP3C	X	31.797	3.25
98	MP3C	Z	55.073	3.25
99	MP3C	Mx	-.023	3.25
100	M40	X	48.013	1.5
101	M40	Z	83.161	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	38.41	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	38.41	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	38.41	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	90.264	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	90.264	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	90.264	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	90.264	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	90.264	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	90.264	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	68.37	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	68.37	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	68.37	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	68.37	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	156.714	1
42	MP3A	Mx	.104	1
43	MP3A	X	0	4.5
44	MP3A	Z	156.714	4.5
45	MP3A	Mx	.104	4.5
46	MP3B	X	0	1
47	MP3B	Z	116.906	1
48	MP3B	Mx	-.132	1
49	MP3B	X	0	4.5
50	MP3B	Z	116.906	4.5
51	MP3B	Mx	-.132	4.5
52	MP3C	X	0	1
53	MP3C	Z	116.906	1
54	MP3C	Mx	.054	1
55	MP3C	X	0	4.5
56	MP3C	Z	116.906	4.5
57	MP3C	Mx	.054	4.5
58	MP3A	X	0	1
59	MP3A	Z	156.714	1
60	MP3A	Mx	-.104	1
61	MP3A	X	0	4.5
62	MP3A	Z	156.714	4.5
63	MP3A	Mx	-.104	4.5
64	MP3B	X	0	1
65	MP3B	Z	116.906	1
66	MP3B	Mx	-.054	1
67	MP3B	X	0	4.5
68	MP3B	Z	116.906	4.5
69	MP3B	Mx	-.054	4.5
70	MP3C	X	0	1
71	MP3C	Z	116.906	1
72	MP3C	Mx	.132	1
73	MP3C	X	0	4.5
74	MP3C	Z	116.906	4.5
75	MP3C	Mx	.132	4.5
76	MP4C	X	0	1
77	MP4C	Z	56.305	1
78	MP4C	Mx	.045	1
79	MP4C	X	0	4.5
80	MP4C	Z	56.305	4.5
81	MP4C	Mx	.045	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	71.827	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3A	Mx	.051	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	71.827	3.25
87	MP3B	Mx	.051	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	71.827	3.25
90	MP3C	Mx	.051	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	71.827	3.25
93	MP3A	Mx	-.051	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	71.827	3.25
96	MP3B	Mx	-.051	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	71.827	3.25
99	MP3C	Mx	-.051	3.25
100	M40	X	0	1.5
101	M40	Z	87.609	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-16.81	6.46
2	MP1A	Z	29.115	6.46
3	MP1A	Mx	.007	6.46
4	MP1B	X	-16.81	6.46
5	MP1B	Z	29.115	6.46
6	MP1B	Mx	.007	6.46
7	MP1C	X	-16.81	6.46
8	MP1C	Z	29.115	6.46
9	MP1C	Mx	.007	6.46
10	MP1A	X	-38.266	.75
11	MP1A	Z	66.279	.75
12	MP1A	Mx	.019	.75
13	MP1A	X	-38.266	2.75
14	MP1A	Z	66.279	2.75
15	MP1A	Mx	.019	2.75
16	MP1B	X	-38.266	.75
17	MP1B	Z	66.279	.75
18	MP1B	Mx	.019	.75
19	MP1B	X	-38.266	2.75
20	MP1B	Z	66.279	2.75
21	MP1B	Mx	.019	2.75
22	MP1C	X	-38.266	.75
23	MP1C	Z	66.279	.75
24	MP1C	Mx	.019	.75
25	MP1C	X	-38.266	2.75
26	MP1C	Z	66.279	2.75
27	MP1C	Mx	.019	2.75
28	MP4A	X	-32.343	1
29	MP4A	Z	56.021	1
30	MP4A	Mx	.03	1
31	MP4A	X	-32.343	4.5
32	MP4A	Z	56.021	4.5
33	MP4A	Mx	.03	4.5
34	MP4B	X	-32.343	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP4B	Z	56.021	1
36	MP4B	Mx	.03	1
37	MP4B	X	-32.343	4.5
38	MP4B	Z	56.021	4.5
39	MP4B	Mx	.03	4.5
40	MP3A	X	-71.722	1
41	MP3A	Z	124.227	1
42	MP3A	Mx	.149	1
43	MP3A	X	-71.722	4.5
44	MP3A	Z	124.227	4.5
45	MP3A	Mx	.149	4.5
46	MP3B	X	-51.818	1
47	MP3B	Z	89.752	1
48	MP3B	Mx	-.095	1
49	MP3B	X	-51.818	4.5
50	MP3B	Z	89.752	4.5
51	MP3B	Mx	-.095	4.5
52	MP3C	X	-71.722	1
53	MP3C	Z	124.227	1
54	MP3C	Mx	-.017	1
55	MP3C	X	-71.722	4.5
56	MP3C	Z	124.227	4.5
57	MP3C	Mx	-.017	4.5
58	MP3A	X	-71.722	1
59	MP3A	Z	124.227	1
60	MP3A	Mx	-.017	1
61	MP3A	X	-71.722	4.5
62	MP3A	Z	124.227	4.5
63	MP3A	Mx	-.017	4.5
64	MP3B	X	-51.818	1
65	MP3B	Z	89.752	1
66	MP3B	Mx	-.095	1
67	MP3B	X	-51.818	4.5
68	MP3B	Z	89.752	4.5
69	MP3B	Mx	-.095	4.5
70	MP3C	X	-71.722	1
71	MP3C	Z	124.227	1
72	MP3C	Mx	.149	1
73	MP3C	X	-71.722	4.5
74	MP3C	Z	124.227	4.5
75	MP3C	Mx	.149	4.5
76	MP4C	X	-32.43	1
77	MP4C	Z	56.171	1
78	MP4C	Mx	.03	1
79	MP4C	X	-32.43	4.5
80	MP4C	Z	56.171	4.5
81	MP4C	Mx	.03	4.5
82	MP3A	X	-32.937	3.25
83	MP3A	Z	57.048	3.25
84	MP3A	Mx	.024	3.25
85	MP3B	X	-32.937	3.25
86	MP3B	Z	57.048	3.25
87	MP3B	Mx	.024	3.25
88	MP3C	X	-32.937	3.25
89	MP3C	Z	57.048	3.25
90	MP3C	Mx	.024	3.25
91	MP3A	X	-31.797	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3A	Z	55.073	3.25
93	MP3A	Mx	-.055	3.25
94	MP3B	X	-31.797	3.25
95	MP3B	Z	55.073	3.25
96	MP3B	Mx	-.055	3.25
97	MP3C	X	-31.797	3.25
98	MP3C	Z	55.073	3.25
99	MP3C	Mx	-.055	3.25
100	M40	X	-35.388	1.5
101	M40	Z	61.294	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-20.817	6.46
2	MP1A	Z	12.019	6.46
3	MP1A	Mx	.009	6.46
4	MP1B	X	-20.817	6.46
5	MP1B	Z	12.019	6.46
6	MP1B	Mx	.009	6.46
7	MP1C	X	-20.817	6.46
8	MP1C	Z	12.019	6.46
9	MP1C	Mx	.009	6.46
10	MP1A	X	-42.496	.75
11	MP1A	Z	24.535	.75
12	MP1A	Mx	.021	.75
13	MP1A	X	-42.496	2.75
14	MP1A	Z	24.535	2.75
15	MP1A	Mx	.021	2.75
16	MP1B	X	-42.496	.75
17	MP1B	Z	24.535	.75
18	MP1B	Mx	.021	.75
19	MP1B	X	-42.496	2.75
20	MP1B	Z	24.535	2.75
21	MP1B	Mx	.021	2.75
22	MP1C	X	-42.496	.75
23	MP1C	Z	24.535	.75
24	MP1C	Mx	.021	.75
25	MP1C	X	-42.496	2.75
26	MP1C	Z	24.535	2.75
27	MP1C	Mx	.021	2.75
28	MP4A	X	-49.641	1
29	MP4A	Z	28.66	1
30	MP4A	Mx	.046	1
31	MP4A	X	-49.641	4.5
32	MP4A	Z	28.66	4.5
33	MP4A	Mx	.046	4.5
34	MP4B	X	-49.641	1
35	MP4B	Z	28.66	1
36	MP4B	Mx	.046	1
37	MP4B	X	-49.641	4.5
38	MP4B	Z	28.66	4.5
39	MP4B	Mx	.046	4.5
40	MP3A	X	-101.243	1
41	MP3A	Z	58.453	1
42	MP3A	Mx	.132	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3A	X	-101.243	4.5
44	MP3A	Z	58.453	4.5
45	MP3A	Mx	.132	4.5
46	MP3B	X	-101.243	1
47	MP3B	Z	58.453	1
48	MP3B	Mx	-.054	1
49	MP3B	X	-101.243	4.5
50	MP3B	Z	58.453	4.5
51	MP3B	Mx	-.054	4.5
52	MP3C	X	-135.718	1
53	MP3C	Z	78.357	1
54	MP3C	Mx	-.104	1
55	MP3C	X	-135.718	4.5
56	MP3C	Z	78.357	4.5
57	MP3C	Mx	-.104	4.5
58	MP3A	X	-101.243	1
59	MP3A	Z	58.453	1
60	MP3A	Mx	.054	1
61	MP3A	X	-101.243	4.5
62	MP3A	Z	58.453	4.5
63	MP3A	Mx	.054	4.5
64	MP3B	X	-101.243	1
65	MP3B	Z	58.453	1
66	MP3B	Mx	-.132	1
67	MP3B	X	-101.243	4.5
68	MP3B	Z	58.453	4.5
69	MP3B	Mx	-.132	4.5
70	MP3C	X	-135.718	1
71	MP3C	Z	78.357	1
72	MP3C	Mx	.104	1
73	MP3C	X	-135.718	4.5
74	MP3C	Z	78.357	4.5
75	MP3C	Mx	.104	4.5
76	MP4C	X	-59.876	1
77	MP4C	Z	34.569	1
78	MP4C	Mx	0	1
79	MP4C	X	-59.876	4.5
80	MP4C	Z	34.569	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	-46.736	3.25
83	MP3A	Z	26.983	3.25
84	MP3A	Mx	-.004	3.25
85	MP3B	X	-46.736	3.25
86	MP3B	Z	26.983	3.25
87	MP3B	Mx	-.004	3.25
88	MP3C	X	-46.736	3.25
89	MP3C	Z	26.983	3.25
90	MP3C	Mx	-.004	3.25
91	MP3A	X	-40.811	3.25
92	MP3A	Z	23.562	3.25
93	MP3A	Mx	-.037	3.25
94	MP3B	X	-40.811	3.25
95	MP3B	Z	23.562	3.25
96	MP3B	Mx	-.037	3.25
97	MP3C	X	-40.811	3.25
98	MP3C	Z	23.562	3.25
99	MP3C	Mx	-.037	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	M40	X	-54.005	1.5
101	M40	Z	31.18	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-19.247	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	.008	6.46
4	MP1B	X	-19.247	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	.008	6.46
7	MP1C	X	-19.247	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	.008	6.46
10	MP1A	X	-35.338	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	.018	.75
13	MP1A	X	-35.338	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	.018	2.75
16	MP1B	X	-35.338	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	.018	.75
19	MP1B	X	-35.338	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	.018	2.75
22	MP1C	X	-35.338	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	.018	.75
25	MP1C	X	-35.338	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	.018	2.75
28	MP4A	X	-53.637	1
29	MP4A	Z	0	1
30	MP4A	Mx	.049	1
31	MP4A	X	-53.637	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	.049	4.5
34	MP4B	X	-53.637	1
35	MP4B	Z	0	1
36	MP4B	Mx	.049	1
37	MP4B	X	-53.637	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	.049	4.5
40	MP3A	X	-103.636	1
41	MP3A	Z	0	1
42	MP3A	Mx	.095	1
43	MP3A	X	-103.636	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	.095	4.5
46	MP3B	X	-143.445	1
47	MP3B	Z	0	1
48	MP3B	Mx	.017	1
49	MP3B	X	-143.445	4.5
50	MP3B	Z	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3B	Mx	.017	4.5
52	MP3C	X	-143.445	1
53	MP3C	Z	0	1
54	MP3C	Mx	-.149	1
55	MP3C	X	-143.445	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	-.149	4.5
58	MP3A	X	-103.636	1
59	MP3A	Z	0	1
60	MP3A	Mx	.095	1
61	MP3A	X	-103.636	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.095	4.5
64	MP3B	X	-143.445	1
65	MP3B	Z	0	1
66	MP3B	Mx	-.149	1
67	MP3B	X	-143.445	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.149	4.5
70	MP3C	X	-143.445	1
71	MP3C	Z	0	1
72	MP3C	Mx	.017	1
73	MP3C	X	-143.445	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.017	4.5
76	MP4C	X	-64.861	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.03	1
79	MP4C	X	-64.861	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	-.03	4.5
82	MP3A	X	-48.013	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	-.024	3.25
85	MP3B	X	-48.013	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	-.024	3.25
88	MP3C	X	-48.013	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	-.024	3.25
91	MP3A	X	-38.89	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	-.019	3.25
94	MP3B	X	-38.89	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	-.019	3.25
97	MP3C	X	-38.89	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	-.019	3.25
100	M40	X	-70.776	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-20.817	6.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1A	Z	-12.019	6.46
3	MP1A	Mx	.009	6.46
4	MP1B	X	-20.817	6.46
5	MP1B	Z	-12.019	6.46
6	MP1B	Mx	.009	6.46
7	MP1C	X	-20.817	6.46
8	MP1C	Z	-12.019	6.46
9	MP1C	Mx	.009	6.46
10	MP1A	X	-42.496	.75
11	MP1A	Z	-24.535	.75
12	MP1A	Mx	.021	.75
13	MP1A	X	-42.496	2.75
14	MP1A	Z	-24.535	2.75
15	MP1A	Mx	.021	2.75
16	MP1B	X	-42.496	.75
17	MP1B	Z	-24.535	.75
18	MP1B	Mx	.021	.75
19	MP1B	X	-42.496	2.75
20	MP1B	Z	-24.535	2.75
21	MP1B	Mx	.021	2.75
22	MP1C	X	-42.496	.75
23	MP1C	Z	-24.535	.75
24	MP1C	Mx	.021	.75
25	MP1C	X	-42.496	2.75
26	MP1C	Z	-24.535	2.75
27	MP1C	Mx	.021	2.75
28	MP4A	X	-49.641	1
29	MP4A	Z	-28.66	1
30	MP4A	Mx	.046	1
31	MP4A	X	-49.641	4.5
32	MP4A	Z	-28.66	4.5
33	MP4A	Mx	.046	4.5
34	MP4B	X	-49.641	1
35	MP4B	Z	-28.66	1
36	MP4B	Mx	.046	1
37	MP4B	X	-49.641	4.5
38	MP4B	Z	-28.66	4.5
39	MP4B	Mx	.046	4.5
40	MP3A	X	-101.243	1
41	MP3A	Z	-58.453	1
42	MP3A	Mx	.054	1
43	MP3A	X	-101.243	4.5
44	MP3A	Z	-58.453	4.5
45	MP3A	Mx	.054	4.5
46	MP3B	X	-135.718	1
47	MP3B	Z	-78.357	1
48	MP3B	Mx	.104	1
49	MP3B	X	-135.718	4.5
50	MP3B	Z	-78.357	4.5
51	MP3B	Mx	.104	4.5
52	MP3C	X	-101.243	1
53	MP3C	Z	-58.453	1
54	MP3C	Mx	-.132	1
55	MP3C	X	-101.243	4.5
56	MP3C	Z	-58.453	4.5
57	MP3C	Mx	-.132	4.5
58	MP3A	X	-101.243	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3A	Z	-58.453	1
60	MP3A	Mx	.132	1
61	MP3A	X	-101.243	4.5
62	MP3A	Z	-58.453	4.5
63	MP3A	Mx	.132	4.5
64	MP3B	X	-135.718	1
65	MP3B	Z	-78.357	1
66	MP3B	Mx	-.104	1
67	MP3B	X	-135.718	4.5
68	MP3B	Z	-78.357	4.5
69	MP3B	Mx	-.104	4.5
70	MP3C	X	-101.243	1
71	MP3C	Z	-58.453	1
72	MP3C	Mx	-.054	1
73	MP3C	X	-101.243	4.5
74	MP3C	Z	-58.453	4.5
75	MP3C	Mx	-.054	4.5
76	MP4C	X	-48.762	1
77	MP4C	Z	-28.153	1
78	MP4C	Mx	-.045	1
79	MP4C	X	-48.762	4.5
80	MP4C	Z	-28.153	4.5
81	MP4C	Mx	-.045	4.5
82	MP3A	X	-46.736	3.25
83	MP3A	Z	-26.983	3.25
84	MP3A	Mx	-.042	3.25
85	MP3B	X	-46.736	3.25
86	MP3B	Z	-26.983	3.25
87	MP3B	Mx	-.042	3.25
88	MP3C	X	-46.736	3.25
89	MP3C	Z	-26.983	3.25
90	MP3C	Mx	-.042	3.25
91	MP3A	X	-40.811	3.25
92	MP3A	Z	-23.562	3.25
93	MP3A	Mx	-.004	3.25
94	MP3B	X	-40.811	3.25
95	MP3B	Z	-23.562	3.25
96	MP3B	Mx	-.004	3.25
97	MP3C	X	-40.811	3.25
98	MP3C	Z	-23.562	3.25
99	MP3C	Mx	-.004	3.25
100	M40	X	-75.872	1.5
101	M40	Z	-43.805	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-16.81	6.46
2	MP1A	Z	-29.115	6.46
3	MP1A	Mx	.007	6.46
4	MP1B	X	-16.81	6.46
5	MP1B	Z	-29.115	6.46
6	MP1B	Mx	.007	6.46
7	MP1C	X	-16.81	6.46
8	MP1C	Z	-29.115	6.46
9	MP1C	Mx	.007	6.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1A	X	-38.266	.75
11	MP1A	Z	-66.279	.75
12	MP1A	Mx	.019	.75
13	MP1A	X	-38.266	2.75
14	MP1A	Z	-66.279	2.75
15	MP1A	Mx	.019	2.75
16	MP1B	X	-38.266	.75
17	MP1B	Z	-66.279	.75
18	MP1B	Mx	.019	.75
19	MP1B	X	-38.266	2.75
20	MP1B	Z	-66.279	2.75
21	MP1B	Mx	.019	2.75
22	MP1C	X	-38.266	.75
23	MP1C	Z	-66.279	.75
24	MP1C	Mx	.019	.75
25	MP1C	X	-38.266	2.75
26	MP1C	Z	-66.279	2.75
27	MP1C	Mx	.019	2.75
28	MP4A	X	-32.343	1
29	MP4A	Z	-56.021	1
30	MP4A	Mx	.03	1
31	MP4A	X	-32.343	4.5
32	MP4A	Z	-56.021	4.5
33	MP4A	Mx	.03	4.5
34	MP4B	X	-32.343	1
35	MP4B	Z	-56.021	1
36	MP4B	Mx	.03	1
37	MP4B	X	-32.343	4.5
38	MP4B	Z	-56.021	4.5
39	MP4B	Mx	.03	4.5
40	MP3A	X	-71.722	1
41	MP3A	Z	-124.227	1
42	MP3A	Mx	-.017	1
43	MP3A	X	-71.722	4.5
44	MP3A	Z	-124.227	4.5
45	MP3A	Mx	-.017	4.5
46	MP3B	X	-71.722	1
47	MP3B	Z	-124.227	1
48	MP3B	Mx	.149	1
49	MP3B	X	-71.722	4.5
50	MP3B	Z	-124.227	4.5
51	MP3B	Mx	.149	4.5
52	MP3C	X	-51.818	1
53	MP3C	Z	-89.752	1
54	MP3C	Mx	-.095	1
55	MP3C	X	-51.818	4.5
56	MP3C	Z	-89.752	4.5
57	MP3C	Mx	-.095	4.5
58	MP3A	X	-71.722	1
59	MP3A	Z	-124.227	1
60	MP3A	Mx	.149	1
61	MP3A	X	-71.722	4.5
62	MP3A	Z	-124.227	4.5
63	MP3A	Mx	.149	4.5
64	MP3B	X	-71.722	1
65	MP3B	Z	-124.227	1
66	MP3B	Mx	-.017	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3B	X	-71.722	4.5
68	MP3B	Z	-124.227	4.5
69	MP3B	Mx	-.017	4.5
70	MP3C	X	-51.818	1
71	MP3C	Z	-89.752	1
72	MP3C	Mx	-.095	1
73	MP3C	X	-51.818	4.5
74	MP3C	Z	-89.752	4.5
75	MP3C	Mx	-.095	4.5
76	MP4C	X	-26.014	1
77	MP4C	Z	-45.057	1
78	MP4C	Mx	-.048	1
79	MP4C	X	-26.014	4.5
80	MP4C	Z	-45.057	4.5
81	MP4C	Mx	-.048	4.5
82	MP3A	X	-32.937	3.25
83	MP3A	Z	-57.048	3.25
84	MP3A	Mx	-.057	3.25
85	MP3B	X	-32.937	3.25
86	MP3B	Z	-57.048	3.25
87	MP3B	Mx	-.057	3.25
88	MP3C	X	-32.937	3.25
89	MP3C	Z	-57.048	3.25
90	MP3C	Mx	-.057	3.25
91	MP3A	X	-31.797	3.25
92	MP3A	Z	-55.073	3.25
93	MP3A	Mx	.023	3.25
94	MP3B	X	-31.797	3.25
95	MP3B	Z	-55.073	3.25
96	MP3B	Mx	.023	3.25
97	MP3C	X	-31.797	3.25
98	MP3C	Z	-55.073	3.25
99	MP3C	Mx	.023	3.25
100	M40	X	-48.013	1.5
101	M40	Z	-83.161	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	-9.776	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	-9.776	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	-9.776	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	-19.304	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	-19.304	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	-19.304	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	-19.304	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	-19.304	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	-19.304	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	-15.235	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	-15.235	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	-15.235	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	-15.235	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	-32.431	1
42	MP3A	Mx	-.022	1
43	MP3A	X	0	4.5
44	MP3A	Z	-32.431	4.5
45	MP3A	Mx	-.022	4.5
46	MP3B	X	0	1
47	MP3B	Z	-25.18	1
48	MP3B	Mx	.028	1
49	MP3B	X	0	4.5
50	MP3B	Z	-25.18	4.5
51	MP3B	Mx	.028	4.5
52	MP3C	X	0	1
53	MP3C	Z	-25.18	1
54	MP3C	Mx	-.012	1
55	MP3C	X	0	4.5
56	MP3C	Z	-25.18	4.5
57	MP3C	Mx	-.012	4.5
58	MP3A	X	0	1
59	MP3A	Z	-32.431	1
60	MP3A	Mx	.022	1
61	MP3A	X	0	4.5
62	MP3A	Z	-32.431	4.5
63	MP3A	Mx	.022	4.5
64	MP3B	X	0	1
65	MP3B	Z	-25.18	1
66	MP3B	Mx	.012	1
67	MP3B	X	0	4.5
68	MP3B	Z	-25.18	4.5
69	MP3B	Mx	.012	4.5
70	MP3C	X	0	1
71	MP3C	Z	-25.18	1
72	MP3C	Mx	-.028	1
73	MP3C	X	0	4.5
74	MP3C	Z	-25.18	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	-.028	4.5
76	MP4C	X	0	1
77	MP4C	Z	-12.94	1
78	MP4C	Mx	-.01	1
79	MP4C	X	0	4.5
80	MP4C	Z	-12.94	4.5
81	MP4C	Mx	-.01	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	-16.679	3.25
84	MP3A	Mx	-.012	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	-16.679	3.25
87	MP3B	Mx	-.012	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	-16.679	3.25
90	MP3C	Mx	-.012	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	-16.679	3.25
93	MP3A	Mx	.012	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	-16.679	3.25
96	MP3B	Mx	.012	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	-16.679	3.25
99	MP3C	Mx	.012	3.25
100	M40	X	0	1.5
101	M40	Z	-19.858	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.387	6.46
2	MP1A	Z	-7.598	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	4.387	6.46
5	MP1B	Z	-7.598	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	4.387	6.46
8	MP1C	Z	-7.598	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	8.307	.75
11	MP1A	Z	-14.388	.75
12	MP1A	Mx	-.004	.75
13	MP1A	X	8.307	2.75
14	MP1A	Z	-14.388	2.75
15	MP1A	Mx	-.004	2.75
16	MP1B	X	8.307	.75
17	MP1B	Z	-14.388	.75
18	MP1B	Mx	-.004	.75
19	MP1B	X	8.307	2.75
20	MP1B	Z	-14.388	2.75
21	MP1B	Mx	-.004	2.75
22	MP1C	X	8.307	.75
23	MP1C	Z	-14.388	.75
24	MP1C	Mx	-.004	.75
25	MP1C	X	8.307	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1C	Z	-14.388	2.75
27	MP1C	Mx	-.004	2.75
28	MP4A	X	7.268	1
29	MP4A	Z	-12.589	1
30	MP4A	Mx	-.007	1
31	MP4A	X	7.268	4.5
32	MP4A	Z	-12.589	4.5
33	MP4A	Mx	-.007	4.5
34	MP4B	X	7.268	1
35	MP4B	Z	-12.589	1
36	MP4B	Mx	-.007	1
37	MP4B	X	7.268	4.5
38	MP4B	Z	-12.589	4.5
39	MP4B	Mx	-.007	4.5
40	MP3A	X	15.007	1
41	MP3A	Z	-25.993	1
42	MP3A	Mx	-.031	1
43	MP3A	X	15.007	4.5
44	MP3A	Z	-25.993	4.5
45	MP3A	Mx	-.031	4.5
46	MP3B	X	11.382	1
47	MP3B	Z	-19.714	1
48	MP3B	Mx	.021	1
49	MP3B	X	11.382	4.5
50	MP3B	Z	-19.714	4.5
51	MP3B	Mx	.021	4.5
52	MP3C	X	15.007	1
53	MP3C	Z	-25.993	1
54	MP3C	Mx	.004	1
55	MP3C	X	15.007	4.5
56	MP3C	Z	-25.993	4.5
57	MP3C	Mx	.004	4.5
58	MP3A	X	15.007	1
59	MP3A	Z	-25.993	1
60	MP3A	Mx	.004	1
61	MP3A	X	15.007	4.5
62	MP3A	Z	-25.993	4.5
63	MP3A	Mx	.004	4.5
64	MP3B	X	11.382	1
65	MP3B	Z	-19.714	1
66	MP3B	Mx	.021	1
67	MP3B	X	11.382	4.5
68	MP3B	Z	-19.714	4.5
69	MP3B	Mx	.021	4.5
70	MP3C	X	15.007	1
71	MP3C	Z	-25.993	1
72	MP3C	Mx	-.031	1
73	MP3C	X	15.007	4.5
74	MP3C	Z	-25.993	4.5
75	MP3C	Mx	-.031	4.5
76	MP4C	X	7.267	1
77	MP4C	Z	-12.587	1
78	MP4C	Mx	-.007	1
79	MP4C	X	7.267	4.5
80	MP4C	Z	-12.587	4.5
81	MP4C	Mx	-.007	4.5
82	MP3A	X	7.731	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3A	Z	-13.39	3.25
84	MP3A	Mx	-.006	3.25
85	MP3B	X	7.731	3.25
86	MP3B	Z	-13.39	3.25
87	MP3B	Mx	-.006	3.25
88	MP3C	X	7.731	3.25
89	MP3C	Z	-13.39	3.25
90	MP3C	Mx	-.006	3.25
91	MP3A	X	7.499	3.25
92	MP3A	Z	-12.989	3.25
93	MP3A	Mx	.013	3.25
94	MP3B	X	7.499	3.25
95	MP3B	Z	-12.989	3.25
96	MP3B	Mx	.013	3.25
97	MP3C	X	7.499	3.25
98	MP3C	Z	-12.989	3.25
99	MP3C	Mx	.013	3.25
100	M40	X	8.265	1.5
101	M40	Z	-14.315	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.862	6.46
2	MP1A	Z	-3.384	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	5.862	6.46
5	MP1B	Z	-3.384	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	5.862	6.46
8	MP1C	Z	-3.384	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	9.727	.75
11	MP1A	Z	-5.616	.75
12	MP1A	Mx	-.005	.75
13	MP1A	X	9.727	2.75
14	MP1A	Z	-5.616	2.75
15	MP1A	Mx	-.005	2.75
16	MP1B	X	9.727	.75
17	MP1B	Z	-5.616	.75
18	MP1B	Mx	-.005	.75
19	MP1B	X	9.727	2.75
20	MP1B	Z	-5.616	2.75
21	MP1B	Mx	-.005	2.75
22	MP1C	X	9.727	.75
23	MP1C	Z	-5.616	.75
24	MP1C	Mx	-.005	.75
25	MP1C	X	9.727	2.75
26	MP1C	Z	-5.616	2.75
27	MP1C	Mx	-.005	2.75
28	MP4A	X	11.378	1
29	MP4A	Z	-6.569	1
30	MP4A	Mx	-.01	1
31	MP4A	X	11.378	4.5
32	MP4A	Z	-6.569	4.5
33	MP4A	Mx	-.01	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4B	X	11.378	1
35	MP4B	Z	-6.569	1
36	MP4B	Mx	-.01	1
37	MP4B	X	11.378	4.5
38	MP4B	Z	-6.569	4.5
39	MP4B	Mx	-.01	4.5
40	MP3A	X	21.807	1
41	MP3A	Z	-12.59	1
42	MP3A	Mx	-.028	1
43	MP3A	X	21.807	4.5
44	MP3A	Z	-12.59	4.5
45	MP3A	Mx	-.028	4.5
46	MP3B	X	21.807	1
47	MP3B	Z	-12.59	1
48	MP3B	Mx	.012	1
49	MP3B	X	21.807	4.5
50	MP3B	Z	-12.59	4.5
51	MP3B	Mx	.012	4.5
52	MP3C	X	28.086	1
53	MP3C	Z	-16.215	1
54	MP3C	Mx	.022	1
55	MP3C	X	28.086	4.5
56	MP3C	Z	-16.215	4.5
57	MP3C	Mx	.022	4.5
58	MP3A	X	21.807	1
59	MP3A	Z	-12.59	1
60	MP3A	Mx	-.012	1
61	MP3A	X	21.807	4.5
62	MP3A	Z	-12.59	4.5
63	MP3A	Mx	-.012	4.5
64	MP3B	X	21.807	1
65	MP3B	Z	-12.59	1
66	MP3B	Mx	.028	1
67	MP3B	X	21.807	4.5
68	MP3B	Z	-12.59	4.5
69	MP3B	Mx	.028	4.5
70	MP3C	X	28.086	1
71	MP3C	Z	-16.215	1
72	MP3C	Mx	-.022	1
73	MP3C	X	28.086	4.5
74	MP3C	Z	-16.215	4.5
75	MP3C	Mx	-.022	4.5
76	MP4C	X	13.278	1
77	MP4C	Z	-7.666	1
78	MP4C	Mx	0	1
79	MP4C	X	13.278	4.5
80	MP4C	Z	-7.666	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	11.28	3.25
83	MP3A	Z	-6.513	3.25
84	MP3A	Mx	.001	3.25
85	MP3B	X	11.28	3.25
86	MP3B	Z	-6.513	3.25
87	MP3B	Mx	.001	3.25
88	MP3C	X	11.28	3.25
89	MP3C	Z	-6.513	3.25
90	MP3C	Mx	.001	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	10.078	3.25
92	MP3A	Z	-5.818	3.25
93	MP3A	Mx	.009	3.25
94	MP3B	X	10.078	3.25
95	MP3B	Z	-5.818	3.25
96	MP3B	Mx	.009	3.25
97	MP3C	X	10.078	3.25
98	MP3C	Z	-5.818	3.25
99	MP3C	Mx	.009	3.25
100	M40	X	12.875	1.5
101	M40	Z	-7.433	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.766	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	5.766	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	5.766	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	8.541	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	-.004	.75
13	MP1A	X	8.541	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	-.004	2.75
16	MP1B	X	8.541	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	-.004	.75
19	MP1B	X	8.541	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	-.004	2.75
22	MP1C	X	8.541	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	-.004	.75
25	MP1C	X	8.541	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	-.004	2.75
28	MP4A	X	12.439	1
29	MP4A	Z	0	1
30	MP4A	Mx	-.011	1
31	MP4A	X	12.439	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	-.011	4.5
34	MP4B	X	12.439	1
35	MP4B	Z	0	1
36	MP4B	Mx	-.011	1
37	MP4B	X	12.439	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	-.011	4.5
40	MP3A	X	22.764	1
41	MP3A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.021	1
43	MP3A	X	22.764	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	-.021	4.5
46	MP3B	X	30.014	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.004	1
49	MP3B	X	30.014	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	-.004	4.5
52	MP3C	X	30.014	1
53	MP3C	Z	0	1
54	MP3C	Mx	.031	1
55	MP3C	X	30.014	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	.031	4.5
58	MP3A	X	22.764	1
59	MP3A	Z	0	1
60	MP3A	Mx	-.021	1
61	MP3A	X	22.764	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.021	4.5
64	MP3B	X	30.014	1
65	MP3B	Z	0	1
66	MP3B	Mx	.031	1
67	MP3B	X	30.014	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.031	4.5
70	MP3C	X	30.014	1
71	MP3C	Z	0	1
72	MP3C	Mx	-.004	1
73	MP3C	X	30.014	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.004	4.5
76	MP4C	X	14.534	1
77	MP4C	Z	0	1
78	MP4C	Mx	.007	1
79	MP4C	X	14.534	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	.007	4.5
82	MP3A	X	11.807	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	.006	3.25
85	MP3B	X	11.807	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	.006	3.25
88	MP3C	X	11.807	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	.006	3.25
91	MP3A	X	9.956	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	.005	3.25
94	MP3B	X	9.956	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	.005	3.25
97	MP3C	X	9.956	3.25
98	MP3C	Z	0	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP3C	Mx	.005	3.25
100	M40	X	16.53	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.862	6.46
2	MP1A	Z	3.384	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	5.862	6.46
5	MP1B	Z	3.384	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	5.862	6.46
8	MP1C	Z	3.384	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	9.727	.75
11	MP1A	Z	5.616	.75
12	MP1A	Mx	-.005	.75
13	MP1A	X	9.727	2.75
14	MP1A	Z	5.616	2.75
15	MP1A	Mx	-.005	2.75
16	MP1B	X	9.727	.75
17	MP1B	Z	5.616	.75
18	MP1B	Mx	-.005	.75
19	MP1B	X	9.727	2.75
20	MP1B	Z	5.616	2.75
21	MP1B	Mx	-.005	2.75
22	MP1C	X	9.727	.75
23	MP1C	Z	5.616	.75
24	MP1C	Mx	-.005	.75
25	MP1C	X	9.727	2.75
26	MP1C	Z	5.616	2.75
27	MP1C	Mx	-.005	2.75
28	MP4A	X	11.378	1
29	MP4A	Z	6.569	1
30	MP4A	Mx	-.01	1
31	MP4A	X	11.378	4.5
32	MP4A	Z	6.569	4.5
33	MP4A	Mx	-.01	4.5
34	MP4B	X	11.378	1
35	MP4B	Z	6.569	1
36	MP4B	Mx	-.01	1
37	MP4B	X	11.378	4.5
38	MP4B	Z	6.569	4.5
39	MP4B	Mx	-.01	4.5
40	MP3A	X	21.807	1
41	MP3A	Z	12.59	1
42	MP3A	Mx	-.012	1
43	MP3A	X	21.807	4.5
44	MP3A	Z	12.59	4.5
45	MP3A	Mx	-.012	4.5
46	MP3B	X	28.086	1
47	MP3B	Z	16.215	1
48	MP3B	Mx	-.022	1
49	MP3B	X	28.086	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3B	Z	16.215	4.5
51	MP3B	Mx	-.022	4.5
52	MP3C	X	21.807	1
53	MP3C	Z	12.59	1
54	MP3C	Mx	.028	1
55	MP3C	X	21.807	4.5
56	MP3C	Z	12.59	4.5
57	MP3C	Mx	.028	4.5
58	MP3A	X	21.807	1
59	MP3A	Z	12.59	1
60	MP3A	Mx	-.028	1
61	MP3A	X	21.807	4.5
62	MP3A	Z	12.59	4.5
63	MP3A	Mx	-.028	4.5
64	MP3B	X	28.086	1
65	MP3B	Z	16.215	1
66	MP3B	Mx	.022	1
67	MP3B	X	28.086	4.5
68	MP3B	Z	16.215	4.5
69	MP3B	Mx	.022	4.5
70	MP3C	X	21.807	1
71	MP3C	Z	12.59	1
72	MP3C	Mx	.012	1
73	MP3C	X	21.807	4.5
74	MP3C	Z	12.59	4.5
75	MP3C	Mx	.012	4.5
76	MP4C	X	11.206	1
77	MP4C	Z	6.47	1
78	MP4C	Mx	.01	1
79	MP4C	X	11.206	4.5
80	MP4C	Z	6.47	4.5
81	MP4C	Mx	.01	4.5
82	MP3A	X	11.28	3.25
83	MP3A	Z	6.513	3.25
84	MP3A	Mx	.01	3.25
85	MP3B	X	11.28	3.25
86	MP3B	Z	6.513	3.25
87	MP3B	Mx	.01	3.25
88	MP3C	X	11.28	3.25
89	MP3C	Z	6.513	3.25
90	MP3C	Mx	.01	3.25
91	MP3A	X	10.078	3.25
92	MP3A	Z	5.818	3.25
93	MP3A	Mx	.000918	3.25
94	MP3B	X	10.078	3.25
95	MP3B	Z	5.818	3.25
96	MP3B	Mx	.000918	3.25
97	MP3C	X	10.078	3.25
98	MP3C	Z	5.818	3.25
99	MP3C	Mx	.000918	3.25
100	M40	X	17.197	1.5
101	M40	Z	9.929	1.5
102	M40	Mx	0	1.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.387	6.46
2	MP1A	Z	7.598	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	4.387	6.46
5	MP1B	Z	7.598	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	4.387	6.46
8	MP1C	Z	7.598	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	8.307	.75
11	MP1A	Z	14.388	.75
12	MP1A	Mx	-.004	.75
13	MP1A	X	8.307	2.75
14	MP1A	Z	14.388	2.75
15	MP1A	Mx	-.004	2.75
16	MP1B	X	8.307	.75
17	MP1B	Z	14.388	.75
18	MP1B	Mx	-.004	.75
19	MP1B	X	8.307	2.75
20	MP1B	Z	14.388	2.75
21	MP1B	Mx	-.004	2.75
22	MP1C	X	8.307	.75
23	MP1C	Z	14.388	.75
24	MP1C	Mx	-.004	.75
25	MP1C	X	8.307	2.75
26	MP1C	Z	14.388	2.75
27	MP1C	Mx	-.004	2.75
28	MP4A	X	7.268	1
29	MP4A	Z	12.589	1
30	MP4A	Mx	-.007	1
31	MP4A	X	7.268	4.5
32	MP4A	Z	12.589	4.5
33	MP4A	Mx	-.007	4.5
34	MP4B	X	7.268	1
35	MP4B	Z	12.589	1
36	MP4B	Mx	-.007	1
37	MP4B	X	7.268	4.5
38	MP4B	Z	12.589	4.5
39	MP4B	Mx	-.007	4.5
40	MP3A	X	15.007	1
41	MP3A	Z	25.993	1
42	MP3A	Mx	.004	1
43	MP3A	X	15.007	4.5
44	MP3A	Z	25.993	4.5
45	MP3A	Mx	.004	4.5
46	MP3B	X	15.007	1
47	MP3B	Z	25.993	1
48	MP3B	Mx	-.031	1
49	MP3B	X	15.007	4.5
50	MP3B	Z	25.993	4.5
51	MP3B	Mx	-.031	4.5
52	MP3C	X	11.382	1
53	MP3C	Z	19.714	1
54	MP3C	Mx	.021	1
55	MP3C	X	11.382	4.5
56	MP3C	Z	19.714	4.5
57	MP3C	Mx	.021	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	15.007	1
59	MP3A	Z	25.993	1
60	MP3A	Mx	-.031	1
61	MP3A	X	15.007	4.5
62	MP3A	Z	25.993	4.5
63	MP3A	Mx	-.031	4.5
64	MP3B	X	15.007	1
65	MP3B	Z	25.993	1
66	MP3B	Mx	.004	1
67	MP3B	X	15.007	4.5
68	MP3B	Z	25.993	4.5
69	MP3B	Mx	.004	4.5
70	MP3C	X	11.382	1
71	MP3C	Z	19.714	1
72	MP3C	Mx	.021	1
73	MP3C	X	11.382	4.5
74	MP3C	Z	19.714	4.5
75	MP3C	Mx	.021	4.5
76	MP4C	X	6.071	1
77	MP4C	Z	10.515	1
78	MP4C	Mx	.011	1
79	MP4C	X	6.071	4.5
80	MP4C	Z	10.515	4.5
81	MP4C	Mx	.011	4.5
82	MP3A	X	7.731	3.25
83	MP3A	Z	13.39	3.25
84	MP3A	Mx	.013	3.25
85	MP3B	X	7.731	3.25
86	MP3B	Z	13.39	3.25
87	MP3B	Mx	.013	3.25
88	MP3C	X	7.731	3.25
89	MP3C	Z	13.39	3.25
90	MP3C	Mx	.013	3.25
91	MP3A	X	7.499	3.25
92	MP3A	Z	12.989	3.25
93	MP3A	Mx	-.005	3.25
94	MP3B	X	7.499	3.25
95	MP3B	Z	12.989	3.25
96	MP3B	Mx	-.005	3.25
97	MP3C	X	7.499	3.25
98	MP3C	Z	12.989	3.25
99	MP3C	Mx	-.005	3.25
100	M40	X	10.761	1.5
101	M40	Z	18.638	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	9.776	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	9.776	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	9.776	6.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	19.304	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	19.304	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	19.304	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	19.304	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	19.304	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	19.304	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	15.235	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	15.235	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	15.235	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	15.235	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	32.431	1
42	MP3A	Mx	.022	1
43	MP3A	X	0	4.5
44	MP3A	Z	32.431	4.5
45	MP3A	Mx	.022	4.5
46	MP3B	X	0	1
47	MP3B	Z	25.18	1
48	MP3B	Mx	-.028	1
49	MP3B	X	0	4.5
50	MP3B	Z	25.18	4.5
51	MP3B	Mx	-.028	4.5
52	MP3C	X	0	1
53	MP3C	Z	25.18	1
54	MP3C	Mx	.012	1
55	MP3C	X	0	4.5
56	MP3C	Z	25.18	4.5
57	MP3C	Mx	.012	4.5
58	MP3A	X	0	1
59	MP3A	Z	32.431	1
60	MP3A	Mx	-.022	1
61	MP3A	X	0	4.5
62	MP3A	Z	32.431	4.5
63	MP3A	Mx	-.022	4.5
64	MP3B	X	0	1
65	MP3B	Z	25.18	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.012	1
67	MP3B	X	0	4.5
68	MP3B	Z	25.18	4.5
69	MP3B	Mx	-.012	4.5
70	MP3C	X	0	1
71	MP3C	Z	25.18	1
72	MP3C	Mx	.028	1
73	MP3C	X	0	4.5
74	MP3C	Z	25.18	4.5
75	MP3C	Mx	.028	4.5
76	MP4C	X	0	1
77	MP4C	Z	12.94	1
78	MP4C	Mx	.01	1
79	MP4C	X	0	4.5
80	MP4C	Z	12.94	4.5
81	MP4C	Mx	.01	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	16.679	3.25
84	MP3A	Mx	.012	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	16.679	3.25
87	MP3B	Mx	.012	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	16.679	3.25
90	MP3C	Mx	.012	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	16.679	3.25
93	MP3A	Mx	-.012	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	16.679	3.25
96	MP3B	Mx	-.012	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	16.679	3.25
99	MP3C	Mx	-.012	3.25
100	M40	X	0	1.5
101	M40	Z	19.858	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.387	6.46
2	MP1A	Z	7.598	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-4.387	6.46
5	MP1B	Z	7.598	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-4.387	6.46
8	MP1C	Z	7.598	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-8.307	.75
11	MP1A	Z	14.388	.75
12	MP1A	Mx	.004	.75
13	MP1A	X	-8.307	2.75
14	MP1A	Z	14.388	2.75
15	MP1A	Mx	.004	2.75
16	MP1B	X	-8.307	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1B	Z	14.388	.75
18	MP1B	Mx	.004	.75
19	MP1B	X	-8.307	2.75
20	MP1B	Z	14.388	2.75
21	MP1B	Mx	.004	2.75
22	MP1C	X	-8.307	.75
23	MP1C	Z	14.388	.75
24	MP1C	Mx	.004	.75
25	MP1C	X	-8.307	2.75
26	MP1C	Z	14.388	2.75
27	MP1C	Mx	.004	2.75
28	MP4A	X	-7.268	1
29	MP4A	Z	12.589	1
30	MP4A	Mx	.007	1
31	MP4A	X	-7.268	4.5
32	MP4A	Z	12.589	4.5
33	MP4A	Mx	.007	4.5
34	MP4B	X	-7.268	1
35	MP4B	Z	12.589	1
36	MP4B	Mx	.007	1
37	MP4B	X	-7.268	4.5
38	MP4B	Z	12.589	4.5
39	MP4B	Mx	.007	4.5
40	MP3A	X	-15.007	1
41	MP3A	Z	25.993	1
42	MP3A	Mx	.031	1
43	MP3A	X	-15.007	4.5
44	MP3A	Z	25.993	4.5
45	MP3A	Mx	.031	4.5
46	MP3B	X	-11.382	1
47	MP3B	Z	19.714	1
48	MP3B	Mx	-.021	1
49	MP3B	X	-11.382	4.5
50	MP3B	Z	19.714	4.5
51	MP3B	Mx	-.021	4.5
52	MP3C	X	-15.007	1
53	MP3C	Z	25.993	1
54	MP3C	Mx	-.004	1
55	MP3C	X	-15.007	4.5
56	MP3C	Z	25.993	4.5
57	MP3C	Mx	-.004	4.5
58	MP3A	X	-15.007	1
59	MP3A	Z	25.993	1
60	MP3A	Mx	-.004	1
61	MP3A	X	-15.007	4.5
62	MP3A	Z	25.993	4.5
63	MP3A	Mx	-.004	4.5
64	MP3B	X	-11.382	1
65	MP3B	Z	19.714	1
66	MP3B	Mx	-.021	1
67	MP3B	X	-11.382	4.5
68	MP3B	Z	19.714	4.5
69	MP3B	Mx	-.021	4.5
70	MP3C	X	-15.007	1
71	MP3C	Z	25.993	1
72	MP3C	Mx	.031	1
73	MP3C	X	-15.007	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	25.993	4.5
75	MP3C	Mx	.031	4.5
76	MP4C	X	-7.267	1
77	MP4C	Z	12.587	1
78	MP4C	Mx	.007	1
79	MP4C	X	-7.267	4.5
80	MP4C	Z	12.587	4.5
81	MP4C	Mx	.007	4.5
82	MP3A	X	-7.731	3.25
83	MP3A	Z	13.39	3.25
84	MP3A	Mx	.006	3.25
85	MP3B	X	-7.731	3.25
86	MP3B	Z	13.39	3.25
87	MP3B	Mx	.006	3.25
88	MP3C	X	-7.731	3.25
89	MP3C	Z	13.39	3.25
90	MP3C	Mx	.006	3.25
91	MP3A	X	-7.499	3.25
92	MP3A	Z	12.989	3.25
93	MP3A	Mx	-.013	3.25
94	MP3B	X	-7.499	3.25
95	MP3B	Z	12.989	3.25
96	MP3B	Mx	-.013	3.25
97	MP3C	X	-7.499	3.25
98	MP3C	Z	12.989	3.25
99	MP3C	Mx	-.013	3.25
100	M40	X	-8.265	1.5
101	M40	Z	14.315	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.862	6.46
2	MP1A	Z	3.384	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-5.862	6.46
5	MP1B	Z	3.384	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-5.862	6.46
8	MP1C	Z	3.384	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-9.727	.75
11	MP1A	Z	5.616	.75
12	MP1A	Mx	.005	.75
13	MP1A	X	-9.727	2.75
14	MP1A	Z	5.616	2.75
15	MP1A	Mx	.005	2.75
16	MP1B	X	-9.727	.75
17	MP1B	Z	5.616	.75
18	MP1B	Mx	.005	.75
19	MP1B	X	-9.727	2.75
20	MP1B	Z	5.616	2.75
21	MP1B	Mx	.005	2.75
22	MP1C	X	-9.727	.75
23	MP1C	Z	5.616	.75
24	MP1C	Mx	.005	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1C	X	-9.727	2.75
26	MP1C	Z	5.616	2.75
27	MP1C	Mx	.005	2.75
28	MP4A	X	-11.378	1
29	MP4A	Z	6.569	1
30	MP4A	Mx	.01	1
31	MP4A	X	-11.378	4.5
32	MP4A	Z	6.569	4.5
33	MP4A	Mx	.01	4.5
34	MP4B	X	-11.378	1
35	MP4B	Z	6.569	1
36	MP4B	Mx	.01	1
37	MP4B	X	-11.378	4.5
38	MP4B	Z	6.569	4.5
39	MP4B	Mx	.01	4.5
40	MP3A	X	-21.807	1
41	MP3A	Z	12.59	1
42	MP3A	Mx	.028	1
43	MP3A	X	-21.807	4.5
44	MP3A	Z	12.59	4.5
45	MP3A	Mx	.028	4.5
46	MP3B	X	-21.807	1
47	MP3B	Z	12.59	1
48	MP3B	Mx	-.012	1
49	MP3B	X	-21.807	4.5
50	MP3B	Z	12.59	4.5
51	MP3B	Mx	-.012	4.5
52	MP3C	X	-28.086	1
53	MP3C	Z	16.215	1
54	MP3C	Mx	-.022	1
55	MP3C	X	-28.086	4.5
56	MP3C	Z	16.215	4.5
57	MP3C	Mx	-.022	4.5
58	MP3A	X	-21.807	1
59	MP3A	Z	12.59	1
60	MP3A	Mx	.012	1
61	MP3A	X	-21.807	4.5
62	MP3A	Z	12.59	4.5
63	MP3A	Mx	.012	4.5
64	MP3B	X	-21.807	1
65	MP3B	Z	12.59	1
66	MP3B	Mx	-.028	1
67	MP3B	X	-21.807	4.5
68	MP3B	Z	12.59	4.5
69	MP3B	Mx	-.028	4.5
70	MP3C	X	-28.086	1
71	MP3C	Z	16.215	1
72	MP3C	Mx	.022	1
73	MP3C	X	-28.086	4.5
74	MP3C	Z	16.215	4.5
75	MP3C	Mx	.022	4.5
76	MP4C	X	-13.278	1
77	MP4C	Z	7.666	1
78	MP4C	Mx	0	1
79	MP4C	X	-13.278	4.5
80	MP4C	Z	7.666	4.5
81	MP4C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	-11.28	3.25
83	MP3A	Z	6.513	3.25
84	MP3A	Mx	-.001	3.25
85	MP3B	X	-11.28	3.25
86	MP3B	Z	6.513	3.25
87	MP3B	Mx	-.001	3.25
88	MP3C	X	-11.28	3.25
89	MP3C	Z	6.513	3.25
90	MP3C	Mx	-.001	3.25
91	MP3A	X	-10.078	3.25
92	MP3A	Z	5.818	3.25
93	MP3A	Mx	-.009	3.25
94	MP3B	X	-10.078	3.25
95	MP3B	Z	5.818	3.25
96	MP3B	Mx	-.009	3.25
97	MP3C	X	-10.078	3.25
98	MP3C	Z	5.818	3.25
99	MP3C	Mx	-.009	3.25
100	M40	X	-12.875	1.5
101	M40	Z	7.433	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.766	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-5.766	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-5.766	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-8.541	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	.004	.75
13	MP1A	X	-8.541	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	.004	2.75
16	MP1B	X	-8.541	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	.004	.75
19	MP1B	X	-8.541	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	.004	2.75
22	MP1C	X	-8.541	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	.004	.75
25	MP1C	X	-8.541	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	.004	2.75
28	MP4A	X	-12.439	1
29	MP4A	Z	0	1
30	MP4A	Mx	.011	1
31	MP4A	X	-12.439	4.5
32	MP4A	Z	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4A	Mx	.011	4.5
34	MP4B	X	-12.439	1
35	MP4B	Z	0	1
36	MP4B	Mx	.011	1
37	MP4B	X	-12.439	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	.011	4.5
40	MP3A	X	-22.764	1
41	MP3A	Z	0	1
42	MP3A	Mx	.021	1
43	MP3A	X	-22.764	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	.021	4.5
46	MP3B	X	-30.014	1
47	MP3B	Z	0	1
48	MP3B	Mx	.004	1
49	MP3B	X	-30.014	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	.004	4.5
52	MP3C	X	-30.014	1
53	MP3C	Z	0	1
54	MP3C	Mx	-.031	1
55	MP3C	X	-30.014	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	-.031	4.5
58	MP3A	X	-22.764	1
59	MP3A	Z	0	1
60	MP3A	Mx	.021	1
61	MP3A	X	-22.764	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.021	4.5
64	MP3B	X	-30.014	1
65	MP3B	Z	0	1
66	MP3B	Mx	-.031	1
67	MP3B	X	-30.014	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.031	4.5
70	MP3C	X	-30.014	1
71	MP3C	Z	0	1
72	MP3C	Mx	.004	1
73	MP3C	X	-30.014	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.004	4.5
76	MP4C	X	-14.534	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.007	1
79	MP4C	X	-14.534	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	-.007	4.5
82	MP3A	X	-11.807	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	-.006	3.25
85	MP3B	X	-11.807	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	-.006	3.25
88	MP3C	X	-11.807	3.25
89	MP3C	Z	0	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	-.006	3.25
91	MP3A	X	-9.956	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	-.005	3.25
94	MP3B	X	-9.956	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	-.005	3.25
97	MP3C	X	-9.956	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	-.005	3.25
100	M40	X	-16.53	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.862	6.46
2	MP1A	Z	-3.384	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-5.862	6.46
5	MP1B	Z	-3.384	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-5.862	6.46
8	MP1C	Z	-3.384	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-9.727	.75
11	MP1A	Z	-5.616	.75
12	MP1A	Mx	.005	.75
13	MP1A	X	-9.727	2.75
14	MP1A	Z	-5.616	2.75
15	MP1A	Mx	.005	2.75
16	MP1B	X	-9.727	.75
17	MP1B	Z	-5.616	.75
18	MP1B	Mx	.005	.75
19	MP1B	X	-9.727	2.75
20	MP1B	Z	-5.616	2.75
21	MP1B	Mx	.005	2.75
22	MP1C	X	-9.727	.75
23	MP1C	Z	-5.616	.75
24	MP1C	Mx	.005	.75
25	MP1C	X	-9.727	2.75
26	MP1C	Z	-5.616	2.75
27	MP1C	Mx	.005	2.75
28	MP4A	X	-11.378	1
29	MP4A	Z	-6.569	1
30	MP4A	Mx	.01	1
31	MP4A	X	-11.378	4.5
32	MP4A	Z	-6.569	4.5
33	MP4A	Mx	.01	4.5
34	MP4B	X	-11.378	1
35	MP4B	Z	-6.569	1
36	MP4B	Mx	.01	1
37	MP4B	X	-11.378	4.5
38	MP4B	Z	-6.569	4.5
39	MP4B	Mx	.01	4.5
40	MP3A	X	-21.807	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-12.59	1
42	MP3A	Mx	.012	1
43	MP3A	X	-21.807	4.5
44	MP3A	Z	-12.59	4.5
45	MP3A	Mx	.012	4.5
46	MP3B	X	-28.086	1
47	MP3B	Z	-16.215	1
48	MP3B	Mx	.022	1
49	MP3B	X	-28.086	4.5
50	MP3B	Z	-16.215	4.5
51	MP3B	Mx	.022	4.5
52	MP3C	X	-21.807	1
53	MP3C	Z	-12.59	1
54	MP3C	Mx	-.028	1
55	MP3C	X	-21.807	4.5
56	MP3C	Z	-12.59	4.5
57	MP3C	Mx	-.028	4.5
58	MP3A	X	-21.807	1
59	MP3A	Z	-12.59	1
60	MP3A	Mx	.028	1
61	MP3A	X	-21.807	4.5
62	MP3A	Z	-12.59	4.5
63	MP3A	Mx	.028	4.5
64	MP3B	X	-28.086	1
65	MP3B	Z	-16.215	1
66	MP3B	Mx	-.022	1
67	MP3B	X	-28.086	4.5
68	MP3B	Z	-16.215	4.5
69	MP3B	Mx	-.022	4.5
70	MP3C	X	-21.807	1
71	MP3C	Z	-12.59	1
72	MP3C	Mx	-.012	1
73	MP3C	X	-21.807	4.5
74	MP3C	Z	-12.59	4.5
75	MP3C	Mx	-.012	4.5
76	MP4C	X	-11.206	1
77	MP4C	Z	-6.47	1
78	MP4C	Mx	-.01	1
79	MP4C	X	-11.206	4.5
80	MP4C	Z	-6.47	4.5
81	MP4C	Mx	-.01	4.5
82	MP3A	X	-11.28	3.25
83	MP3A	Z	-6.513	3.25
84	MP3A	Mx	-.01	3.25
85	MP3B	X	-11.28	3.25
86	MP3B	Z	-6.513	3.25
87	MP3B	Mx	-.01	3.25
88	MP3C	X	-11.28	3.25
89	MP3C	Z	-6.513	3.25
90	MP3C	Mx	-.01	3.25
91	MP3A	X	-10.078	3.25
92	MP3A	Z	-5.818	3.25
93	MP3A	Mx	-.000918	3.25
94	MP3B	X	-10.078	3.25
95	MP3B	Z	-5.818	3.25
96	MP3B	Mx	-.000918	3.25
97	MP3C	X	-10.078	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3C	Z	-5.818	3.25
99	MP3C	Mx	-.000918	3.25
100	M40	X	-17.197	1.5
101	M40	Z	-9.929	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.387	6.46
2	MP1A	Z	-7.598	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-4.387	6.46
5	MP1B	Z	-7.598	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-4.387	6.46
8	MP1C	Z	-7.598	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-8.307	.75
11	MP1A	Z	-14.388	.75
12	MP1A	Mx	.004	.75
13	MP1A	X	-8.307	2.75
14	MP1A	Z	-14.388	2.75
15	MP1A	Mx	.004	2.75
16	MP1B	X	-8.307	.75
17	MP1B	Z	-14.388	.75
18	MP1B	Mx	.004	.75
19	MP1B	X	-8.307	2.75
20	MP1B	Z	-14.388	2.75
21	MP1B	Mx	.004	2.75
22	MP1C	X	-8.307	.75
23	MP1C	Z	-14.388	.75
24	MP1C	Mx	.004	.75
25	MP1C	X	-8.307	2.75
26	MP1C	Z	-14.388	2.75
27	MP1C	Mx	.004	2.75
28	MP4A	X	-7.268	1
29	MP4A	Z	-12.589	1
30	MP4A	Mx	.007	1
31	MP4A	X	-7.268	4.5
32	MP4A	Z	-12.589	4.5
33	MP4A	Mx	.007	4.5
34	MP4B	X	-7.268	1
35	MP4B	Z	-12.589	1
36	MP4B	Mx	.007	1
37	MP4B	X	-7.268	4.5
38	MP4B	Z	-12.589	4.5
39	MP4B	Mx	.007	4.5
40	MP3A	X	-15.007	1
41	MP3A	Z	-25.993	1
42	MP3A	Mx	-.004	1
43	MP3A	X	-15.007	4.5
44	MP3A	Z	-25.993	4.5
45	MP3A	Mx	-.004	4.5
46	MP3B	X	-15.007	1
47	MP3B	Z	-25.993	1
48	MP3B	Mx	.031	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3B	X	-15.007	4.5
50	MP3B	Z	-25.993	4.5
51	MP3B	Mx	.031	4.5
52	MP3C	X	-11.382	1
53	MP3C	Z	-19.714	1
54	MP3C	Mx	-.021	1
55	MP3C	X	-11.382	4.5
56	MP3C	Z	-19.714	4.5
57	MP3C	Mx	-.021	4.5
58	MP3A	X	-15.007	1
59	MP3A	Z	-25.993	1
60	MP3A	Mx	.031	1
61	MP3A	X	-15.007	4.5
62	MP3A	Z	-25.993	4.5
63	MP3A	Mx	.031	4.5
64	MP3B	X	-15.007	1
65	MP3B	Z	-25.993	1
66	MP3B	Mx	-.004	1
67	MP3B	X	-15.007	4.5
68	MP3B	Z	-25.993	4.5
69	MP3B	Mx	-.004	4.5
70	MP3C	X	-11.382	1
71	MP3C	Z	-19.714	1
72	MP3C	Mx	-.021	1
73	MP3C	X	-11.382	4.5
74	MP3C	Z	-19.714	4.5
75	MP3C	Mx	-.021	4.5
76	MP4C	X	-6.071	1
77	MP4C	Z	-10.515	1
78	MP4C	Mx	-.011	1
79	MP4C	X	-6.071	4.5
80	MP4C	Z	-10.515	4.5
81	MP4C	Mx	-.011	4.5
82	MP3A	X	-7.731	3.25
83	MP3A	Z	-13.39	3.25
84	MP3A	Mx	-.013	3.25
85	MP3B	X	-7.731	3.25
86	MP3B	Z	-13.39	3.25
87	MP3B	Mx	-.013	3.25
88	MP3C	X	-7.731	3.25
89	MP3C	Z	-13.39	3.25
90	MP3C	Mx	-.013	3.25
91	MP3A	X	-7.499	3.25
92	MP3A	Z	-12.989	3.25
93	MP3A	Mx	.005	3.25
94	MP3B	X	-7.499	3.25
95	MP3B	Z	-12.989	3.25
96	MP3B	Mx	.005	3.25
97	MP3C	X	-7.499	3.25
98	MP3C	Z	-12.989	3.25
99	MP3C	Mx	.005	3.25
100	M40	X	-10.761	1.5
101	M40	Z	-18.638	1.5
102	M40	Mx	0	1.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	-2.483	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	-2.483	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	-2.483	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	-5.834	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	-5.834	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	-5.834	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	-5.834	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	-5.834	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	-5.834	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	-4.419	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	-4.419	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	-4.419	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	-4.419	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	-10.129	1
42	MP3A	Mx	-.007	1
43	MP3A	X	0	4.5
44	MP3A	Z	-10.129	4.5
45	MP3A	Mx	-.007	4.5
46	MP3B	X	0	1
47	MP3B	Z	-7.556	1
48	MP3B	Mx	.009	1
49	MP3B	X	0	4.5
50	MP3B	Z	-7.556	4.5
51	MP3B	Mx	.009	4.5
52	MP3C	X	0	1
53	MP3C	Z	-7.556	1
54	MP3C	Mx	-.003	1
55	MP3C	X	0	4.5
56	MP3C	Z	-7.556	4.5
57	MP3C	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	1
59	MP3A	Z	-10.129	1
60	MP3A	Mx	.007	1
61	MP3A	X	0	4.5
62	MP3A	Z	-10.129	4.5
63	MP3A	Mx	.007	4.5
64	MP3B	X	0	1
65	MP3B	Z	-7.556	1
66	MP3B	Mx	.003	1
67	MP3B	X	0	4.5
68	MP3B	Z	-7.556	4.5
69	MP3B	Mx	.003	4.5
70	MP3C	X	0	1
71	MP3C	Z	-7.556	1
72	MP3C	Mx	-.009	1
73	MP3C	X	0	4.5
74	MP3C	Z	-7.556	4.5
75	MP3C	Mx	-.009	4.5
76	MP4C	X	0	1
77	MP4C	Z	-3.639	1
78	MP4C	Mx	-.003	1
79	MP4C	X	0	4.5
80	MP4C	Z	-3.639	4.5
81	MP4C	Mx	-.003	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	-4.643	3.25
84	MP3A	Mx	-.003	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	-4.643	3.25
87	MP3B	Mx	-.003	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	-4.643	3.25
90	MP3C	Mx	-.003	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	-4.643	3.25
93	MP3A	Mx	.003	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	-4.643	3.25
96	MP3B	Mx	.003	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	-4.643	3.25
99	MP3C	Mx	.003	3.25
100	M40	X	0	1.5
101	M40	Z	-5.663	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.087	6.46
2	MP1A	Z	-1.882	6.46
3	MP1A	Mx	-.000453	6.46
4	MP1B	X	1.087	6.46
5	MP1B	Z	-1.882	6.46
6	MP1B	Mx	-.000453	6.46
7	MP1C	X	1.087	6.46
8	MP1C	Z	-1.882	6.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	-.000453	6.46
10	MP1A	X	2.473	.75
11	MP1A	Z	-4.284	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.473	2.75
14	MP1A	Z	-4.284	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.473	.75
17	MP1B	Z	-4.284	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.473	2.75
20	MP1B	Z	-4.284	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.473	.75
23	MP1C	Z	-4.284	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.473	2.75
26	MP1C	Z	-4.284	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	2.091	1
29	MP4A	Z	-3.621	1
30	MP4A	Mx	-.002	1
31	MP4A	X	2.091	4.5
32	MP4A	Z	-3.621	4.5
33	MP4A	Mx	-.002	4.5
34	MP4B	X	2.091	1
35	MP4B	Z	-3.621	1
36	MP4B	Mx	-.002	1
37	MP4B	X	2.091	4.5
38	MP4B	Z	-3.621	4.5
39	MP4B	Mx	-.002	4.5
40	MP3A	X	4.636	1
41	MP3A	Z	-8.03	1
42	MP3A	Mx	-.01	1
43	MP3A	X	4.636	4.5
44	MP3A	Z	-8.03	4.5
45	MP3A	Mx	-.01	4.5
46	MP3B	X	3.349	1
47	MP3B	Z	-5.801	1
48	MP3B	Mx	.006	1
49	MP3B	X	3.349	4.5
50	MP3B	Z	-5.801	4.5
51	MP3B	Mx	.006	4.5
52	MP3C	X	4.636	1
53	MP3C	Z	-8.03	1
54	MP3C	Mx	.001	1
55	MP3C	X	4.636	4.5
56	MP3C	Z	-8.03	4.5
57	MP3C	Mx	.001	4.5
58	MP3A	X	4.636	1
59	MP3A	Z	-8.03	1
60	MP3A	Mx	.001	1
61	MP3A	X	4.636	4.5
62	MP3A	Z	-8.03	4.5
63	MP3A	Mx	.001	4.5
64	MP3B	X	3.349	1
65	MP3B	Z	-5.801	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	.006	1
67	MP3B	X	3.349	4.5
68	MP3B	Z	-5.801	4.5
69	MP3B	Mx	.006	4.5
70	MP3C	X	4.636	1
71	MP3C	Z	-8.03	1
72	MP3C	Mx	-.01	1
73	MP3C	X	4.636	4.5
74	MP3C	Z	-8.03	4.5
75	MP3C	Mx	-.01	4.5
76	MP4C	X	2.096	1
77	MP4C	Z	-3.631	1
78	MP4C	Mx	-.002	1
79	MP4C	X	2.096	4.5
80	MP4C	Z	-3.631	4.5
81	MP4C	Mx	-.002	4.5
82	MP3A	X	2.129	3.25
83	MP3A	Z	-3.687	3.25
84	MP3A	Mx	-.002	3.25
85	MP3B	X	2.129	3.25
86	MP3B	Z	-3.687	3.25
87	MP3B	Mx	-.002	3.25
88	MP3C	X	2.129	3.25
89	MP3C	Z	-3.687	3.25
90	MP3C	Mx	-.002	3.25
91	MP3A	X	2.055	3.25
92	MP3A	Z	-3.56	3.25
93	MP3A	Mx	.004	3.25
94	MP3B	X	2.055	3.25
95	MP3B	Z	-3.56	3.25
96	MP3B	Mx	.004	3.25
97	MP3C	X	2.055	3.25
98	MP3C	Z	-3.56	3.25
99	MP3C	Mx	.004	3.25
100	M40	X	2.287	1.5
101	M40	Z	-3.962	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.346	6.46
2	MP1A	Z	-.777	6.46
3	MP1A	Mx	-.000561	6.46
4	MP1B	X	1.346	6.46
5	MP1B	Z	-.777	6.46
6	MP1B	Mx	-.000561	6.46
7	MP1C	X	1.346	6.46
8	MP1C	Z	-.777	6.46
9	MP1C	Mx	-.000561	6.46
10	MP1A	X	2.747	.75
11	MP1A	Z	-1.586	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.747	2.75
14	MP1A	Z	-1.586	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.747	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1B	Z	-1.586	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.747	2.75
20	MP1B	Z	-1.586	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.747	.75
23	MP1C	Z	-1.586	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.747	2.75
26	MP1C	Z	-1.586	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	3.209	1
29	MP4A	Z	-1.852	1
30	MP4A	Mx	-.003	1
31	MP4A	X	3.209	4.5
32	MP4A	Z	-1.852	4.5
33	MP4A	Mx	-.003	4.5
34	MP4B	X	3.209	1
35	MP4B	Z	-1.852	1
36	MP4B	Mx	-.003	1
37	MP4B	X	3.209	4.5
38	MP4B	Z	-1.852	4.5
39	MP4B	Mx	-.003	4.5
40	MP3A	X	6.544	1
41	MP3A	Z	-3.778	1
42	MP3A	Mx	-.009	1
43	MP3A	X	6.544	4.5
44	MP3A	Z	-3.778	4.5
45	MP3A	Mx	-.009	4.5
46	MP3B	X	6.544	1
47	MP3B	Z	-3.778	1
48	MP3B	Mx	.003	1
49	MP3B	X	6.544	4.5
50	MP3B	Z	-3.778	4.5
51	MP3B	Mx	.003	4.5
52	MP3C	X	8.772	1
53	MP3C	Z	-5.065	1
54	MP3C	Mx	.007	1
55	MP3C	X	8.772	4.5
56	MP3C	Z	-5.065	4.5
57	MP3C	Mx	.007	4.5
58	MP3A	X	6.544	1
59	MP3A	Z	-3.778	1
60	MP3A	Mx	-.003	1
61	MP3A	X	6.544	4.5
62	MP3A	Z	-3.778	4.5
63	MP3A	Mx	-.003	4.5
64	MP3B	X	6.544	1
65	MP3B	Z	-3.778	1
66	MP3B	Mx	.009	1
67	MP3B	X	6.544	4.5
68	MP3B	Z	-3.778	4.5
69	MP3B	Mx	.009	4.5
70	MP3C	X	8.772	1
71	MP3C	Z	-5.065	1
72	MP3C	Mx	-.007	1
73	MP3C	X	8.772	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	-5.065	4.5
75	MP3C	Mx	-.007	4.5
76	MP4C	X	3.87	1
77	MP4C	Z	-2.234	1
78	MP4C	Mx	0	1
79	MP4C	X	3.87	4.5
80	MP4C	Z	-2.234	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	3.021	3.25
83	MP3A	Z	-1.744	3.25
84	MP3A	Mx	.000275	3.25
85	MP3B	X	3.021	3.25
86	MP3B	Z	-1.744	3.25
87	MP3B	Mx	.000275	3.25
88	MP3C	X	3.021	3.25
89	MP3C	Z	-1.744	3.25
90	MP3C	Mx	.000275	3.25
91	MP3A	X	2.638	3.25
92	MP3A	Z	-1.523	3.25
93	MP3A	Mx	.002	3.25
94	MP3B	X	2.638	3.25
95	MP3B	Z	-1.523	3.25
96	MP3B	Mx	.002	3.25
97	MP3C	X	2.638	3.25
98	MP3C	Z	-1.523	3.25
99	MP3C	Mx	.002	3.25
100	M40	X	3.491	1.5
101	M40	Z	-2.015	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.244	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	-.000518	6.46
4	MP1B	X	1.244	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	-.000518	6.46
7	MP1C	X	1.244	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	-.000518	6.46
10	MP1A	X	2.284	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.284	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.284	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.284	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.284	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	-.001	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1C	X	2.284	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	3.467	1
29	MP4A	Z	0	1
30	MP4A	Mx	-.003	1
31	MP4A	X	3.467	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	-.003	4.5
34	MP4B	X	3.467	1
35	MP4B	Z	0	1
36	MP4B	Mx	-.003	1
37	MP4B	X	3.467	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	-.003	4.5
40	MP3A	X	6.699	1
41	MP3A	Z	0	1
42	MP3A	Mx	-.006	1
43	MP3A	X	6.699	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	-.006	4.5
46	MP3B	X	9.272	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.001	1
49	MP3B	X	9.272	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	-.001	4.5
52	MP3C	X	9.272	1
53	MP3C	Z	0	1
54	MP3C	Mx	.01	1
55	MP3C	X	9.272	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	.01	4.5
58	MP3A	X	6.699	1
59	MP3A	Z	0	1
60	MP3A	Mx	-.006	1
61	MP3A	X	6.699	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.006	4.5
64	MP3B	X	9.272	1
65	MP3B	Z	0	1
66	MP3B	Mx	.01	1
67	MP3B	X	9.272	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.01	4.5
70	MP3C	X	9.272	1
71	MP3C	Z	0	1
72	MP3C	Mx	-.001	1
73	MP3C	X	9.272	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.001	4.5
76	MP4C	X	4.192	1
77	MP4C	Z	0	1
78	MP4C	Mx	.002	1
79	MP4C	X	4.192	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	.002	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	3.103	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	.002	3.25
85	MP3B	X	3.103	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	.002	3.25
88	MP3C	X	3.103	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	.002	3.25
91	MP3A	X	2.514	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	.001	3.25
94	MP3B	X	2.514	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	.001	3.25
97	MP3C	X	2.514	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	.001	3.25
100	M40	X	4.575	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.346	6.46
2	MP1A	Z	.777	6.46
3	MP1A	Mx	-.000561	6.46
4	MP1B	X	1.346	6.46
5	MP1B	Z	.777	6.46
6	MP1B	Mx	-.000561	6.46
7	MP1C	X	1.346	6.46
8	MP1C	Z	.777	6.46
9	MP1C	Mx	-.000561	6.46
10	MP1A	X	2.747	.75
11	MP1A	Z	1.586	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.747	2.75
14	MP1A	Z	1.586	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.747	.75
17	MP1B	Z	1.586	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.747	2.75
20	MP1B	Z	1.586	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.747	.75
23	MP1C	Z	1.586	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.747	2.75
26	MP1C	Z	1.586	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	3.209	1
29	MP4A	Z	1.852	1
30	MP4A	Mx	-.003	1
31	MP4A	X	3.209	4.5
32	MP4A	Z	1.852	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4A	Mx	-.003	4.5
34	MP4B	X	3.209	1
35	MP4B	Z	1.852	1
36	MP4B	Mx	-.003	1
37	MP4B	X	3.209	4.5
38	MP4B	Z	1.852	4.5
39	MP4B	Mx	-.003	4.5
40	MP3A	X	6.544	1
41	MP3A	Z	3.778	1
42	MP3A	Mx	-.003	1
43	MP3A	X	6.544	4.5
44	MP3A	Z	3.778	4.5
45	MP3A	Mx	-.003	4.5
46	MP3B	X	8.772	1
47	MP3B	Z	5.065	1
48	MP3B	Mx	-.007	1
49	MP3B	X	8.772	4.5
50	MP3B	Z	5.065	4.5
51	MP3B	Mx	-.007	4.5
52	MP3C	X	6.544	1
53	MP3C	Z	3.778	1
54	MP3C	Mx	.009	1
55	MP3C	X	6.544	4.5
56	MP3C	Z	3.778	4.5
57	MP3C	Mx	.009	4.5
58	MP3A	X	6.544	1
59	MP3A	Z	3.778	1
60	MP3A	Mx	-.009	1
61	MP3A	X	6.544	4.5
62	MP3A	Z	3.778	4.5
63	MP3A	Mx	-.009	4.5
64	MP3B	X	8.772	1
65	MP3B	Z	5.065	1
66	MP3B	Mx	.007	1
67	MP3B	X	8.772	4.5
68	MP3B	Z	5.065	4.5
69	MP3B	Mx	.007	4.5
70	MP3C	X	6.544	1
71	MP3C	Z	3.778	1
72	MP3C	Mx	.003	1
73	MP3C	X	6.544	4.5
74	MP3C	Z	3.778	4.5
75	MP3C	Mx	.003	4.5
76	MP4C	X	3.152	1
77	MP4C	Z	1.82	1
78	MP4C	Mx	.003	1
79	MP4C	X	3.152	4.5
80	MP4C	Z	1.82	4.5
81	MP4C	Mx	.003	4.5
82	MP3A	X	3.021	3.25
83	MP3A	Z	1.744	3.25
84	MP3A	Mx	.003	3.25
85	MP3B	X	3.021	3.25
86	MP3B	Z	1.744	3.25
87	MP3B	Mx	.003	3.25
88	MP3C	X	3.021	3.25
89	MP3C	Z	1.744	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	.003	3.25
91	MP3A	X	2.638	3.25
92	MP3A	Z	1.523	3.25
93	MP3A	Mx	.00024	3.25
94	MP3B	X	2.638	3.25
95	MP3B	Z	1.523	3.25
96	MP3B	Mx	.00024	3.25
97	MP3C	X	2.638	3.25
98	MP3C	Z	1.523	3.25
99	MP3C	Mx	.00024	3.25
100	M40	X	4.904	1.5
101	M40	Z	2.831	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.087	6.46
2	MP1A	Z	1.882	6.46
3	MP1A	Mx	-.000453	6.46
4	MP1B	X	1.087	6.46
5	MP1B	Z	1.882	6.46
6	MP1B	Mx	-.000453	6.46
7	MP1C	X	1.087	6.46
8	MP1C	Z	1.882	6.46
9	MP1C	Mx	-.000453	6.46
10	MP1A	X	2.473	.75
11	MP1A	Z	4.284	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.473	2.75
14	MP1A	Z	4.284	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.473	.75
17	MP1B	Z	4.284	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.473	2.75
20	MP1B	Z	4.284	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.473	.75
23	MP1C	Z	4.284	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.473	2.75
26	MP1C	Z	4.284	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	2.091	1
29	MP4A	Z	3.621	1
30	MP4A	Mx	-.002	1
31	MP4A	X	2.091	4.5
32	MP4A	Z	3.621	4.5
33	MP4A	Mx	-.002	4.5
34	MP4B	X	2.091	1
35	MP4B	Z	3.621	1
36	MP4B	Mx	-.002	1
37	MP4B	X	2.091	4.5
38	MP4B	Z	3.621	4.5
39	MP4B	Mx	-.002	4.5
40	MP3A	X	4.636	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	8.03	1
42	MP3A	Mx	.001	1
43	MP3A	X	4.636	4.5
44	MP3A	Z	8.03	4.5
45	MP3A	Mx	.001	4.5
46	MP3B	X	4.636	1
47	MP3B	Z	8.03	1
48	MP3B	Mx	-.01	1
49	MP3B	X	4.636	4.5
50	MP3B	Z	8.03	4.5
51	MP3B	Mx	-.01	4.5
52	MP3C	X	3.349	1
53	MP3C	Z	5.801	1
54	MP3C	Mx	.006	1
55	MP3C	X	3.349	4.5
56	MP3C	Z	5.801	4.5
57	MP3C	Mx	.006	4.5
58	MP3A	X	4.636	1
59	MP3A	Z	8.03	1
60	MP3A	Mx	-.01	1
61	MP3A	X	4.636	4.5
62	MP3A	Z	8.03	4.5
63	MP3A	Mx	-.01	4.5
64	MP3B	X	4.636	1
65	MP3B	Z	8.03	1
66	MP3B	Mx	.001	1
67	MP3B	X	4.636	4.5
68	MP3B	Z	8.03	4.5
69	MP3B	Mx	.001	4.5
70	MP3C	X	3.349	1
71	MP3C	Z	5.801	1
72	MP3C	Mx	.006	1
73	MP3C	X	3.349	4.5
74	MP3C	Z	5.801	4.5
75	MP3C	Mx	.006	4.5
76	MP4C	X	1.681	1
77	MP4C	Z	2.912	1
78	MP4C	Mx	.003	1
79	MP4C	X	1.681	4.5
80	MP4C	Z	2.912	4.5
81	MP4C	Mx	.003	4.5
82	MP3A	X	2.129	3.25
83	MP3A	Z	3.687	3.25
84	MP3A	Mx	.004	3.25
85	MP3B	X	2.129	3.25
86	MP3B	Z	3.687	3.25
87	MP3B	Mx	.004	3.25
88	MP3C	X	2.129	3.25
89	MP3C	Z	3.687	3.25
90	MP3C	Mx	.004	3.25
91	MP3A	X	2.055	3.25
92	MP3A	Z	3.56	3.25
93	MP3A	Mx	-.001	3.25
94	MP3B	X	2.055	3.25
95	MP3B	Z	3.56	3.25
96	MP3B	Mx	-.001	3.25
97	MP3C	X	2.055	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3C	Z	3.56	3.25
99	MP3C	Mx	-.001	3.25
100	M40	X	3.103	1.5
101	M40	Z	5.375	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	2.483	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	2.483	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	2.483	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	5.834	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	5.834	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	5.834	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	5.834	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	5.834	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	5.834	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	4.419	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	4.419	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	4.419	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	4.419	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	10.129	1
42	MP3A	Mx	.007	1
43	MP3A	X	0	4.5
44	MP3A	Z	10.129	4.5
45	MP3A	Mx	.007	4.5
46	MP3B	X	0	1
47	MP3B	Z	7.556	1
48	MP3B	Mx	-.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3B	X	0	4.5
50	MP3B	Z	7.556	4.5
51	MP3B	Mx	-.009	4.5
52	MP3C	X	0	1
53	MP3C	Z	7.556	1
54	MP3C	Mx	.003	1
55	MP3C	X	0	4.5
56	MP3C	Z	7.556	4.5
57	MP3C	Mx	.003	4.5
58	MP3A	X	0	1
59	MP3A	Z	10.129	1
60	MP3A	Mx	-.007	1
61	MP3A	X	0	4.5
62	MP3A	Z	10.129	4.5
63	MP3A	Mx	-.007	4.5
64	MP3B	X	0	1
65	MP3B	Z	7.556	1
66	MP3B	Mx	-.003	1
67	MP3B	X	0	4.5
68	MP3B	Z	7.556	4.5
69	MP3B	Mx	-.003	4.5
70	MP3C	X	0	1
71	MP3C	Z	7.556	1
72	MP3C	Mx	.009	1
73	MP3C	X	0	4.5
74	MP3C	Z	7.556	4.5
75	MP3C	Mx	.009	4.5
76	MP4C	X	0	1
77	MP4C	Z	3.639	1
78	MP4C	Mx	.003	1
79	MP4C	X	0	4.5
80	MP4C	Z	3.639	4.5
81	MP4C	Mx	.003	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	4.643	3.25
84	MP3A	Mx	.003	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	4.643	3.25
87	MP3B	Mx	.003	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	4.643	3.25
90	MP3C	Mx	.003	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	4.643	3.25
93	MP3A	Mx	-.003	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	4.643	3.25
96	MP3B	Mx	-.003	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	4.643	3.25
99	MP3C	Mx	-.003	3.25
100	M40	X	0	1.5
101	M40	Z	5.663	1.5
102	M40	Mx	0	1.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.087	6.46
2	MP1A	Z	1.882	6.46
3	MP1A	Mx	.000453	6.46
4	MP1B	X	-1.087	6.46
5	MP1B	Z	1.882	6.46
6	MP1B	Mx	.000453	6.46
7	MP1C	X	-1.087	6.46
8	MP1C	Z	1.882	6.46
9	MP1C	Mx	.000453	6.46
10	MP1A	X	-2.473	.75
11	MP1A	Z	4.284	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.473	2.75
14	MP1A	Z	4.284	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.473	.75
17	MP1B	Z	4.284	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.473	2.75
20	MP1B	Z	4.284	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.473	.75
23	MP1C	Z	4.284	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.473	2.75
26	MP1C	Z	4.284	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-2.091	1
29	MP4A	Z	3.621	1
30	MP4A	Mx	.002	1
31	MP4A	X	-2.091	4.5
32	MP4A	Z	3.621	4.5
33	MP4A	Mx	.002	4.5
34	MP4B	X	-2.091	1
35	MP4B	Z	3.621	1
36	MP4B	Mx	.002	1
37	MP4B	X	-2.091	4.5
38	MP4B	Z	3.621	4.5
39	MP4B	Mx	.002	4.5
40	MP3A	X	-4.636	1
41	MP3A	Z	8.03	1
42	MP3A	Mx	.01	1
43	MP3A	X	-4.636	4.5
44	MP3A	Z	8.03	4.5
45	MP3A	Mx	.01	4.5
46	MP3B	X	-3.349	1
47	MP3B	Z	5.801	1
48	MP3B	Mx	-.006	1
49	MP3B	X	-3.349	4.5
50	MP3B	Z	5.801	4.5
51	MP3B	Mx	-.006	4.5
52	MP3C	X	-4.636	1
53	MP3C	Z	8.03	1
54	MP3C	Mx	-.001	1
55	MP3C	X	-4.636	4.5
56	MP3C	Z	8.03	4.5
57	MP3C	Mx	-.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-4.636	1
59	MP3A	Z	8.03	1
60	MP3A	Mx	-.001	1
61	MP3A	X	-4.636	4.5
62	MP3A	Z	8.03	4.5
63	MP3A	Mx	-.001	4.5
64	MP3B	X	-3.349	1
65	MP3B	Z	5.801	1
66	MP3B	Mx	-.006	1
67	MP3B	X	-3.349	4.5
68	MP3B	Z	5.801	4.5
69	MP3B	Mx	-.006	4.5
70	MP3C	X	-4.636	1
71	MP3C	Z	8.03	1
72	MP3C	Mx	.01	1
73	MP3C	X	-4.636	4.5
74	MP3C	Z	8.03	4.5
75	MP3C	Mx	.01	4.5
76	MP4C	X	-2.096	1
77	MP4C	Z	3.631	1
78	MP4C	Mx	.002	1
79	MP4C	X	-2.096	4.5
80	MP4C	Z	3.631	4.5
81	MP4C	Mx	.002	4.5
82	MP3A	X	-2.129	3.25
83	MP3A	Z	3.687	3.25
84	MP3A	Mx	.002	3.25
85	MP3B	X	-2.129	3.25
86	MP3B	Z	3.687	3.25
87	MP3B	Mx	.002	3.25
88	MP3C	X	-2.129	3.25
89	MP3C	Z	3.687	3.25
90	MP3C	Mx	.002	3.25
91	MP3A	X	-2.055	3.25
92	MP3A	Z	3.56	3.25
93	MP3A	Mx	-.004	3.25
94	MP3B	X	-2.055	3.25
95	MP3B	Z	3.56	3.25
96	MP3B	Mx	-.004	3.25
97	MP3C	X	-2.055	3.25
98	MP3C	Z	3.56	3.25
99	MP3C	Mx	-.004	3.25
100	M40	X	-2.287	1.5
101	M40	Z	3.962	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.346	6.46
2	MP1A	Z	.777	6.46
3	MP1A	Mx	.000561	6.46
4	MP1B	X	-1.346	6.46
5	MP1B	Z	.777	6.46
6	MP1B	Mx	.000561	6.46
7	MP1C	X	-1.346	6.46
8	MP1C	Z	.777	6.46

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	.000561	6.46
10	MP1A	X	-2.747	.75
11	MP1A	Z	1.586	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.747	2.75
14	MP1A	Z	1.586	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.747	.75
17	MP1B	Z	1.586	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.747	2.75
20	MP1B	Z	1.586	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.747	.75
23	MP1C	Z	1.586	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.747	2.75
26	MP1C	Z	1.586	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-3.209	1
29	MP4A	Z	1.852	1
30	MP4A	Mx	.003	1
31	MP4A	X	-3.209	4.5
32	MP4A	Z	1.852	4.5
33	MP4A	Mx	.003	4.5
34	MP4B	X	-3.209	1
35	MP4B	Z	1.852	1
36	MP4B	Mx	.003	1
37	MP4B	X	-3.209	4.5
38	MP4B	Z	1.852	4.5
39	MP4B	Mx	.003	4.5
40	MP3A	X	-6.544	1
41	MP3A	Z	3.778	1
42	MP3A	Mx	.009	1
43	MP3A	X	-6.544	4.5
44	MP3A	Z	3.778	4.5
45	MP3A	Mx	.009	4.5
46	MP3B	X	-6.544	1
47	MP3B	Z	3.778	1
48	MP3B	Mx	-.003	1
49	MP3B	X	-6.544	4.5
50	MP3B	Z	3.778	4.5
51	MP3B	Mx	-.003	4.5
52	MP3C	X	-8.772	1
53	MP3C	Z	5.065	1
54	MP3C	Mx	-.007	1
55	MP3C	X	-8.772	4.5
56	MP3C	Z	5.065	4.5
57	MP3C	Mx	-.007	4.5
58	MP3A	X	-6.544	1
59	MP3A	Z	3.778	1
60	MP3A	Mx	.003	1
61	MP3A	X	-6.544	4.5
62	MP3A	Z	3.778	4.5
63	MP3A	Mx	.003	4.5
64	MP3B	X	-6.544	1
65	MP3B	Z	3.778	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.009	1
67	MP3B	X	-6.544	4.5
68	MP3B	Z	3.778	4.5
69	MP3B	Mx	-.009	4.5
70	MP3C	X	-8.772	1
71	MP3C	Z	5.065	1
72	MP3C	Mx	.007	1
73	MP3C	X	-8.772	4.5
74	MP3C	Z	5.065	4.5
75	MP3C	Mx	.007	4.5
76	MP4C	X	-3.87	1
77	MP4C	Z	2.234	1
78	MP4C	Mx	0	1
79	MP4C	X	-3.87	4.5
80	MP4C	Z	2.234	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	-3.021	3.25
83	MP3A	Z	1.744	3.25
84	MP3A	Mx	-.000275	3.25
85	MP3B	X	-3.021	3.25
86	MP3B	Z	1.744	3.25
87	MP3B	Mx	-.000275	3.25
88	MP3C	X	-3.021	3.25
89	MP3C	Z	1.744	3.25
90	MP3C	Mx	-.000275	3.25
91	MP3A	X	-2.638	3.25
92	MP3A	Z	1.523	3.25
93	MP3A	Mx	-.002	3.25
94	MP3B	X	-2.638	3.25
95	MP3B	Z	1.523	3.25
96	MP3B	Mx	-.002	3.25
97	MP3C	X	-2.638	3.25
98	MP3C	Z	1.523	3.25
99	MP3C	Mx	-.002	3.25
100	M40	X	-3.491	1.5
101	M40	Z	2.015	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.244	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	.000518	6.46
4	MP1B	X	-1.244	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	.000518	6.46
7	MP1C	X	-1.244	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	.000518	6.46
10	MP1A	X	-2.284	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.284	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.284	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1B	Z	0	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.284	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.284	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.284	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-3.467	1
29	MP4A	Z	0	1
30	MP4A	Mx	.003	1
31	MP4A	X	-3.467	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	.003	4.5
34	MP4B	X	-3.467	1
35	MP4B	Z	0	1
36	MP4B	Mx	.003	1
37	MP4B	X	-3.467	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	.003	4.5
40	MP3A	X	-6.699	1
41	MP3A	Z	0	1
42	MP3A	Mx	.006	1
43	MP3A	X	-6.699	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	.006	4.5
46	MP3B	X	-9.272	1
47	MP3B	Z	0	1
48	MP3B	Mx	.001	1
49	MP3B	X	-9.272	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	.001	4.5
52	MP3C	X	-9.272	1
53	MP3C	Z	0	1
54	MP3C	Mx	-.01	1
55	MP3C	X	-9.272	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	-.01	4.5
58	MP3A	X	-6.699	1
59	MP3A	Z	0	1
60	MP3A	Mx	.006	1
61	MP3A	X	-6.699	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.006	4.5
64	MP3B	X	-9.272	1
65	MP3B	Z	0	1
66	MP3B	Mx	-.01	1
67	MP3B	X	-9.272	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.01	4.5
70	MP3C	X	-9.272	1
71	MP3C	Z	0	1
72	MP3C	Mx	.001	1
73	MP3C	X	-9.272	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	0	4.5
75	MP3C	Mx	.001	4.5
76	MP4C	X	-4.192	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.002	1
79	MP4C	X	-4.192	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	-.002	4.5
82	MP3A	X	-3.103	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	-.002	3.25
85	MP3B	X	-3.103	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	-.002	3.25
88	MP3C	X	-3.103	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	-.002	3.25
91	MP3A	X	-2.514	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	-.001	3.25
94	MP3B	X	-2.514	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	-.001	3.25
97	MP3C	X	-2.514	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	-.001	3.25
100	M40	X	-4.575	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.346	6.46
2	MP1A	Z	-.777	6.46
3	MP1A	Mx	.000561	6.46
4	MP1B	X	-1.346	6.46
5	MP1B	Z	-.777	6.46
6	MP1B	Mx	.000561	6.46
7	MP1C	X	-1.346	6.46
8	MP1C	Z	-.777	6.46
9	MP1C	Mx	.000561	6.46
10	MP1A	X	-2.747	.75
11	MP1A	Z	-1.586	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.747	2.75
14	MP1A	Z	-1.586	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.747	.75
17	MP1B	Z	-1.586	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.747	2.75
20	MP1B	Z	-1.586	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.747	.75
23	MP1C	Z	-1.586	.75
24	MP1C	Mx	.001	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1C	X	-2.747	2.75
26	MP1C	Z	-1.586	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-3.209	1
29	MP4A	Z	-1.852	1
30	MP4A	Mx	.003	1
31	MP4A	X	-3.209	4.5
32	MP4A	Z	-1.852	4.5
33	MP4A	Mx	.003	4.5
34	MP4B	X	-3.209	1
35	MP4B	Z	-1.852	1
36	MP4B	Mx	.003	1
37	MP4B	X	-3.209	4.5
38	MP4B	Z	-1.852	4.5
39	MP4B	Mx	.003	4.5
40	MP3A	X	-6.544	1
41	MP3A	Z	-3.778	1
42	MP3A	Mx	.003	1
43	MP3A	X	-6.544	4.5
44	MP3A	Z	-3.778	4.5
45	MP3A	Mx	.003	4.5
46	MP3B	X	-8.772	1
47	MP3B	Z	-5.065	1
48	MP3B	Mx	.007	1
49	MP3B	X	-8.772	4.5
50	MP3B	Z	-5.065	4.5
51	MP3B	Mx	.007	4.5
52	MP3C	X	-6.544	1
53	MP3C	Z	-3.778	1
54	MP3C	Mx	-.009	1
55	MP3C	X	-6.544	4.5
56	MP3C	Z	-3.778	4.5
57	MP3C	Mx	-.009	4.5
58	MP3A	X	-6.544	1
59	MP3A	Z	-3.778	1
60	MP3A	Mx	.009	1
61	MP3A	X	-6.544	4.5
62	MP3A	Z	-3.778	4.5
63	MP3A	Mx	.009	4.5
64	MP3B	X	-8.772	1
65	MP3B	Z	-5.065	1
66	MP3B	Mx	-.007	1
67	MP3B	X	-8.772	4.5
68	MP3B	Z	-5.065	4.5
69	MP3B	Mx	-.007	4.5
70	MP3C	X	-6.544	1
71	MP3C	Z	-3.778	1
72	MP3C	Mx	-.003	1
73	MP3C	X	-6.544	4.5
74	MP3C	Z	-3.778	4.5
75	MP3C	Mx	-.003	4.5
76	MP4C	X	-3.152	1
77	MP4C	Z	-1.82	1
78	MP4C	Mx	-.003	1
79	MP4C	X	-3.152	4.5
80	MP4C	Z	-1.82	4.5
81	MP4C	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	-3.021	3.25
83	MP3A	Z	-1.744	3.25
84	MP3A	Mx	-.003	3.25
85	MP3B	X	-3.021	3.25
86	MP3B	Z	-1.744	3.25
87	MP3B	Mx	-.003	3.25
88	MP3C	X	-3.021	3.25
89	MP3C	Z	-1.744	3.25
90	MP3C	Mx	-.003	3.25
91	MP3A	X	-2.638	3.25
92	MP3A	Z	-1.523	3.25
93	MP3A	Mx	-.00024	3.25
94	MP3B	X	-2.638	3.25
95	MP3B	Z	-1.523	3.25
96	MP3B	Mx	-.00024	3.25
97	MP3C	X	-2.638	3.25
98	MP3C	Z	-1.523	3.25
99	MP3C	Mx	-.00024	3.25
100	M40	X	-4.904	1.5
101	M40	Z	-2.831	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.087	6.46
2	MP1A	Z	-1.882	6.46
3	MP1A	Mx	.000453	6.46
4	MP1B	X	-1.087	6.46
5	MP1B	Z	-1.882	6.46
6	MP1B	Mx	.000453	6.46
7	MP1C	X	-1.087	6.46
8	MP1C	Z	-1.882	6.46
9	MP1C	Mx	.000453	6.46
10	MP1A	X	-2.473	.75
11	MP1A	Z	-4.284	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.473	2.75
14	MP1A	Z	-4.284	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.473	.75
17	MP1B	Z	-4.284	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.473	2.75
20	MP1B	Z	-4.284	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.473	.75
23	MP1C	Z	-4.284	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.473	2.75
26	MP1C	Z	-4.284	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-2.091	1
29	MP4A	Z	-3.621	1
30	MP4A	Mx	.002	1
31	MP4A	X	-2.091	4.5
32	MP4A	Z	-3.621	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4A	Mx	.002	4.5
34	MP4B	X	-2.091	1
35	MP4B	Z	-3.621	1
36	MP4B	Mx	.002	1
37	MP4B	X	-2.091	4.5
38	MP4B	Z	-3.621	4.5
39	MP4B	Mx	.002	4.5
40	MP3A	X	-4.636	1
41	MP3A	Z	-8.03	1
42	MP3A	Mx	-.001	1
43	MP3A	X	-4.636	4.5
44	MP3A	Z	-8.03	4.5
45	MP3A	Mx	-.001	4.5
46	MP3B	X	-4.636	1
47	MP3B	Z	-8.03	1
48	MP3B	Mx	.01	1
49	MP3B	X	-4.636	4.5
50	MP3B	Z	-8.03	4.5
51	MP3B	Mx	.01	4.5
52	MP3C	X	-3.349	1
53	MP3C	Z	-5.801	1
54	MP3C	Mx	-.006	1
55	MP3C	X	-3.349	4.5
56	MP3C	Z	-5.801	4.5
57	MP3C	Mx	-.006	4.5
58	MP3A	X	-4.636	1
59	MP3A	Z	-8.03	1
60	MP3A	Mx	.01	1
61	MP3A	X	-4.636	4.5
62	MP3A	Z	-8.03	4.5
63	MP3A	Mx	.01	4.5
64	MP3B	X	-4.636	1
65	MP3B	Z	-8.03	1
66	MP3B	Mx	-.001	1
67	MP3B	X	-4.636	4.5
68	MP3B	Z	-8.03	4.5
69	MP3B	Mx	-.001	4.5
70	MP3C	X	-3.349	1
71	MP3C	Z	-5.801	1
72	MP3C	Mx	-.006	1
73	MP3C	X	-3.349	4.5
74	MP3C	Z	-5.801	4.5
75	MP3C	Mx	-.006	4.5
76	MP4C	X	-1.681	1
77	MP4C	Z	-2.912	1
78	MP4C	Mx	-.003	1
79	MP4C	X	-1.681	4.5
80	MP4C	Z	-2.912	4.5
81	MP4C	Mx	-.003	4.5
82	MP3A	X	-2.129	3.25
83	MP3A	Z	-3.687	3.25
84	MP3A	Mx	-.004	3.25
85	MP3B	X	-2.129	3.25
86	MP3B	Z	-3.687	3.25
87	MP3B	Mx	-.004	3.25
88	MP3C	X	-2.129	3.25
89	MP3C	Z	-3.687	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	-.004	3.25
91	MP3A	X	-2.055	3.25
92	MP3A	Z	-3.56	3.25
93	MP3A	Mx	.001	3.25
94	MP3B	X	-2.055	3.25
95	MP3B	Z	-3.56	3.25
96	MP3B	Mx	.001	3.25
97	MP3C	X	-2.055	3.25
98	MP3C	Z	-3.56	3.25
99	MP3C	Mx	.001	3.25
100	M40	X	-3.103	1.5
101	M40	Z	-5.375	1.5
102	M40	Mx	0	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-500	%38.506

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-500	%14.368

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M200	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	Y	-17.914	-17.914	0	%100
2	M53	Y	-17.914	-17.914	0	%100
3	M54	Y	-17.914	-17.914	0	%100
4	M62	Y	-7.561	-7.561	0	%100
5	M63	Y	-7.561	-7.561	0	%100
6	M66	Y	-9.226	-9.226	0	%100
7	M67	Y	-9.226	-9.226	0	%100
8	M200	Y	-10.601	-10.601	0	%100
9	M186A	Y	-8.297	-8.297	0	%100
10	MP4A	Y	-8.297	-8.297	0	%100
11	MP3A	Y	-8.297	-8.297	0	%100
12	MP2A	Y	-8.297	-8.297	0	%100
13	MP1A	Y	-8.297	-8.297	0	%100
14	M37	Y	-17.914	-17.914	0	%100
15	M38	Y	-17.914	-17.914	0	%100
16	M40	Y	-8.297	-8.297	0	%100
17	M95	Y	-10.601	-10.601	0	%100
18	M100	Y	-8.297	-8.297	0	%100
19	MP4C	Y	-8.297	-8.297	0	%100
20	MP3C	Y	-8.297	-8.297	0	%100
21	MP2C	Y	-8.297	-8.297	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,%]
22	MP1C	Y	-8.297	-8.297	0	%100
23	M109	Y	-10.601	-10.601	0	%100
24	M114	Y	-8.297	-8.297	0	%100
25	MP4B	Y	-8.297	-8.297	0	%100
26	MP3B	Y	-8.297	-8.297	0	%100
27	MP2B	Y	-8.297	-8.297	0	%100
28	MP1B	Y	-8.297	-8.297	0	%100
29	M71	Y	-17.914	-17.914	0	%100
30	M76	Y	-17.914	-17.914	0	%100
31	M77	Y	-17.914	-17.914	0	%100
32	M85	Y	-7.561	-7.561	0	%100
33	M86	Y	-7.561	-7.561	0	%100
34	M87	Y	-9.226	-9.226	0	%100
35	M88	Y	-9.226	-9.226	0	%100
36	M91	Y	-17.914	-17.914	0	%100
37	M92	Y	-17.914	-17.914	0	%100
38	M97A	Y	-17.914	-17.914	0	%100
39	M102A	Y	-17.914	-17.914	0	%100
40	M103A	Y	-17.914	-17.914	0	%100
41	M111B	Y	-7.561	-7.561	0	%100
42	M112A	Y	-7.561	-7.561	0	%100
43	M113A	Y	-9.226	-9.226	0	%100
44	M114A	Y	-9.226	-9.226	0	%100
45	M117A	Y	-17.914	-17.914	0	%100
46	M118A	Y	-17.914	-17.914	0	%100
47	M120A	Y	-15.932	-15.932	0	%100
48	M121A	Y	-15.932	-15.932	0	%100
49	M122A	Y	-15.932	-15.932	0	%100
50	M124	Y	-16.489	-16.489	0	%100
51	M126	Y	-16.489	-16.489	0	%100
52	M128	Y	-16.489	-16.489	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-20.983	-20.983	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-20.983	-20.983	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-1.269	-1.269	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.423	-1.423	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-2.961	-2.961	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-2.961	-2.961	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-13.444	-13.444	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	-9.122	-9.122	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-9.122	-9.122	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-9.122	-9.122	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,%]
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-9.122	-9.122	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-9.122	-9.122	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	-19.205	-19.205	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	-19.205	-19.205	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	-9.122	-9.122	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	-3.361	-3.361	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-2.281	-2.281	0	%100
37	MP4C	X	0	0	0	%100
38	MP4C	Z	-9.122	-9.122	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-9.122	-9.122	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-9.122	-9.122	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	-9.122	-9.122	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	-3.361	-3.361	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	-2.281	-2.281	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-9.122	-9.122	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	-9.122	-9.122	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-9.122	-9.122	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	-9.122	-9.122	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-14.738	-14.738	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	-5.246	-5.246	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	-5.246	-5.246	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	-.317	-.317	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	-.356	-.356	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	-11.843	-11.843	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	-2.961	-2.961	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	-4.802	-4.802	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	-4.801	-4.801	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	-14.738	-14.738	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	-5.246	-5.246	0	%100
79	M103A	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,%]
80	M103A	Z	-5.246	-5.246	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	-.317	-.317	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	-.356	-.356	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	-2.961	-2.961	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	-11.843	-11.843	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	-4.801	-4.801	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	-4.801	-4.801	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	-4.805	-4.805	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	-4.806	-4.806	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	-19.223	-19.223	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	-20.878	-20.878	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	-19.623	-19.623	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	-19.623	-19.623	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	M48	X	2.456	2.456	0	%100
2	M48	Z	-4.255	-4.255	0	%100
3	M53	X	7.869	7.869	0	%100
4	M53	Z	-13.629	-13.629	0	%100
5	M54	X	7.869	7.869	0	%100
6	M54	Z	-13.629	-13.629	0	%100
7	M62	X	.476	.476	0	%100
8	M62	Z	-.824	-.824	0	%100
9	M63	X	.534	.534	0	%100
10	M63	Z	-.924	-.924	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	4.441	4.441	0	%100
14	M67	Z	-7.692	-7.692	0	%100
15	M200	X	5.041	5.041	0	%100
16	M200	Z	-8.732	-8.732	0	%100
17	M186A	X	3.421	3.421	0	%100
18	M186A	Z	-5.925	-5.925	0	%100
19	MP4A	X	4.561	4.561	0	%100
20	MP4A	Z	-7.9	-7.9	0	%100
21	MP3A	X	4.561	4.561	0	%100
22	MP3A	Z	-7.9	-7.9	0	%100
23	MP2A	X	4.561	4.561	0	%100
24	MP2A	Z	-7.9	-7.9	0	%100
25	MP1A	X	4.561	4.561	0	%100
26	MP1A	Z	-7.9	-7.9	0	%100
27	M37	X	7.202	7.202	0	%100
28	M37	Z	-12.474	-12.474	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,%]
29	M38	X	7.202	7.202	0	%100
30	M38	Z	-12.474	-12.474	0	%100
31	M40	X	4.561	4.561	0	%100
32	M40	Z	-7.9	-7.9	0	%100
33	M95	X	5.041	5.041	0	%100
34	M95	Z	-8.732	-8.732	0	%100
35	M100	X	3.421	3.421	0	%100
36	M100	Z	-5.925	-5.925	0	%100
37	MP4C	X	4.561	4.561	0	%100
38	MP4C	Z	-7.9	-7.9	0	%100
39	MP3C	X	4.561	4.561	0	%100
40	MP3C	Z	-7.9	-7.9	0	%100
41	MP2C	X	4.561	4.561	0	%100
42	MP2C	Z	-7.9	-7.9	0	%100
43	MP1C	X	4.561	4.561	0	%100
44	MP1C	Z	-7.9	-7.9	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	4.561	4.561	0	%100
50	MP4B	Z	-7.9	-7.9	0	%100
51	MP3B	X	4.561	4.561	0	%100
52	MP3B	Z	-7.9	-7.9	0	%100
53	MP2B	X	4.561	4.561	0	%100
54	MP2B	Z	-7.9	-7.9	0	%100
55	MP1B	X	4.561	4.561	0	%100
56	MP1B	Z	-7.9	-7.9	0	%100
57	M71	X	2.456	2.456	0	%100
58	M71	Z	-4.254	-4.254	0	%100
59	M76	X	7.869	7.869	0	%100
60	M76	Z	-13.629	-13.629	0	%100
61	M77	X	7.869	7.869	0	%100
62	M77	Z	-13.629	-13.629	0	%100
63	M85	X	.476	.476	0	%100
64	M85	Z	-.824	-.824	0	%100
65	M86	X	.534	.534	0	%100
66	M86	Z	-.924	-.924	0	%100
67	M87	X	4.441	4.441	0	%100
68	M87	Z	-7.692	-7.692	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	7.202	7.202	0	%100
72	M91	Z	-12.475	-12.475	0	%100
73	M92	X	7.202	7.202	0	%100
74	M92	Z	-12.474	-12.474	0	%100
75	M97A	X	9.825	9.825	0	%100
76	M97A	Z	-17.018	-17.018	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	4.441	4.441	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,%]
86	M113A	Z	-7.692	-7.692	0	%100
87	M114A	X	4.441	4.441	0	%100
88	M114A	Z	-7.692	-7.692	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	7.209	7.209	0	%100
94	M120A	Z	-12.486	-12.486	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	7.209	7.209	0	%100
98	M122A	Z	-12.486	-12.486	0	%100
99	M124	X	10.23	10.23	0	%100
100	M124	Z	-17.719	-17.719	0	%100
101	M126	X	10.23	10.23	0	%100
102	M126	Z	-17.719	-17.719	0	%100
103	M128	X	9.603	9.603	0	%100
104	M128	Z	-16.632	-16.632	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	M48	X	12.763	12.763	0	%100
2	M48	Z	-7.369	-7.369	0	%100
3	M53	X	4.543	4.543	0	%100
4	M53	Z	-2.623	-2.623	0	%100
5	M54	X	4.543	4.543	0	%100
6	M54	Z	-2.623	-2.623	0	%100
7	M62	X	.275	.275	0	%100
8	M62	Z	-.159	-.159	0	%100
9	M63	X	.308	.308	0	%100
10	M63	Z	-.178	-.178	0	%100
11	M66	X	2.564	2.564	0	%100
12	M66	Z	-1.48	-1.48	0	%100
13	M67	X	10.257	10.257	0	%100
14	M67	Z	-5.922	-5.922	0	%100
15	M200	X	2.911	2.911	0	%100
16	M200	Z	-1.68	-1.68	0	%100
17	M186A	X	1.975	1.975	0	%100
18	M186A	Z	-1.14	-1.14	0	%100
19	MP4A	X	7.9	7.9	0	%100
20	MP4A	Z	-4.561	-4.561	0	%100
21	MP3A	X	7.9	7.9	0	%100
22	MP3A	Z	-4.561	-4.561	0	%100
23	MP2A	X	7.9	7.9	0	%100
24	MP2A	Z	-4.561	-4.561	0	%100
25	MP1A	X	7.9	7.9	0	%100
26	MP1A	Z	-4.561	-4.561	0	%100
27	M37	X	4.158	4.158	0	%100
28	M37	Z	-2.4	-2.4	0	%100
29	M38	X	4.158	4.158	0	%100
30	M38	Z	-2.401	-2.401	0	%100
31	M40	X	7.9	7.9	0	%100
32	M40	Z	-4.561	-4.561	0	%100
33	M95	X	11.643	11.643	0	%100
34	M95	Z	-6.722	-6.722	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,%]
35	M100	X	7.9	7.9	0	%100
36	M100	Z	-4.561	-4.561	0	%100
37	MP4C	X	7.9	7.9	0	%100
38	MP4C	Z	-4.561	-4.561	0	%100
39	MP3C	X	7.9	7.9	0	%100
40	MP3C	Z	-4.561	-4.561	0	%100
41	MP2C	X	7.9	7.9	0	%100
42	MP2C	Z	-4.561	-4.561	0	%100
43	MP1C	X	7.9	7.9	0	%100
44	MP1C	Z	-4.561	-4.561	0	%100
45	M109	X	2.911	2.911	0	%100
46	M109	Z	-1.68	-1.68	0	%100
47	M114	X	1.975	1.975	0	%100
48	M114	Z	-1.14	-1.14	0	%100
49	MP4B	X	7.9	7.9	0	%100
50	MP4B	Z	-4.561	-4.561	0	%100
51	MP3B	X	7.9	7.9	0	%100
52	MP3B	Z	-4.561	-4.561	0	%100
53	MP2B	X	7.9	7.9	0	%100
54	MP2B	Z	-4.561	-4.561	0	%100
55	MP1B	X	7.9	7.9	0	%100
56	MP1B	Z	-4.561	-4.561	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	18.172	18.172	0	%100
60	M76	Z	-10.492	-10.492	0	%100
61	M77	X	18.172	18.172	0	%100
62	M77	Z	-10.492	-10.492	0	%100
63	M85	X	1.099	1.099	0	%100
64	M85	Z	-.635	-.635	0	%100
65	M86	X	1.233	1.233	0	%100
66	M86	Z	-.712	-.712	0	%100
67	M87	X	2.564	2.564	0	%100
68	M87	Z	-1.48	-1.48	0	%100
69	M88	X	2.564	2.564	0	%100
70	M88	Z	-1.48	-1.48	0	%100
71	M91	X	16.632	16.632	0	%100
72	M91	Z	-9.603	-9.603	0	%100
73	M92	X	16.632	16.632	0	%100
74	M92	Z	-9.603	-9.603	0	%100
75	M97A	X	12.763	12.763	0	%100
76	M97A	Z	-7.369	-7.369	0	%100
77	M102A	X	4.543	4.543	0	%100
78	M102A	Z	-2.623	-2.623	0	%100
79	M103A	X	4.543	4.543	0	%100
80	M103A	Z	-2.623	-2.623	0	%100
81	M111B	X	.275	.275	0	%100
82	M111B	Z	-.159	-.159	0	%100
83	M112A	X	.308	.308	0	%100
84	M112A	Z	-.178	-.178	0	%100
85	M113A	X	10.256	10.256	0	%100
86	M113A	Z	-5.922	-5.922	0	%100
87	M114A	X	2.564	2.564	0	%100
88	M114A	Z	-1.48	-1.48	0	%100
89	M117A	X	4.159	4.159	0	%100
90	M117A	Z	-2.401	-2.401	0	%100
91	M118A	X	4.158	4.158	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,%]
92	M118A	Z	-2.401	-2.401	0	%100
93	M120A	X	16.648	16.648	0	%100
94	M120A	Z	-9.612	-9.612	0	%100
95	M121A	X	4.162	4.162	0	%100
96	M121A	Z	-2.403	-2.403	0	%100
97	M122A	X	4.162	4.162	0	%100
98	M122A	Z	-2.403	-2.403	0	%100
99	M124	X	16.994	16.994	0	%100
100	M124	Z	-9.812	-9.812	0	%100
101	M126	X	18.081	18.081	0	%100
102	M126	Z	-10.439	-10.439	0	%100
103	M128	X	16.994	16.994	0	%100
104	M128	Z	-9.812	-9.812	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	M48	X	19.65	19.65	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	8.882	8.882	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	8.882	8.882	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	9.122	9.122	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	9.122	9.122	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	9.122	9.122	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	9.122	9.122	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	9.122	9.122	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	10.083	10.083	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	6.842	6.842	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	9.122	9.122	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	9.122	9.122	0	%100
40	MP3C	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,%]
41	MP2C	X	9.122	9.122	0	%100
42	MP2C	Z	0	0	0	%100
43	MP1C	X	9.122	9.122	0	%100
44	MP1C	Z	0	0	0	%100
45	M109	X	10.083	10.083	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	6.842	6.842	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	9.122	9.122	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	9.122	9.122	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	9.122	9.122	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	9.122	9.122	0	%100
56	MP1B	Z	0	0	0	%100
57	M71	X	4.913	4.913	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	15.738	15.738	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	15.738	15.738	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	.952	.952	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	1.067	1.067	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	8.882	8.882	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	14.403	14.403	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	14.404	14.404	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	4.912	4.912	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	15.738	15.738	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	15.738	15.738	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	.952	.952	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	1.067	1.067	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	8.882	8.882	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	14.404	14.404	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	14.404	14.404	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	14.418	14.418	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	14.417	14.417	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	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,%]
98	M122A	Z	0	0	0	%100
99	M124	X	19.205	19.205	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	20.46	20.46	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	20.46	20.46	0	%100
104	M128	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	M48	X	12.763	12.763	0	%100
2	M48	Z	7.369	7.369	0	%100
3	M53	X	4.543	4.543	0	%100
4	M53	Z	2.623	2.623	0	%100
5	M54	X	4.543	4.543	0	%100
6	M54	Z	2.623	2.623	0	%100
7	M62	X	.275	.275	0	%100
8	M62	Z	.159	.159	0	%100
9	M63	X	.308	.308	0	%100
10	M63	Z	.178	.178	0	%100
11	M66	X	10.256	10.256	0	%100
12	M66	Z	5.922	5.922	0	%100
13	M67	X	2.564	2.564	0	%100
14	M67	Z	1.48	1.48	0	%100
15	M200	X	2.911	2.911	0	%100
16	M200	Z	1.68	1.68	0	%100
17	M186A	X	1.975	1.975	0	%100
18	M186A	Z	1.14	1.14	0	%100
19	MP4A	X	7.9	7.9	0	%100
20	MP4A	Z	4.561	4.561	0	%100
21	MP3A	X	7.9	7.9	0	%100
22	MP3A	Z	4.561	4.561	0	%100
23	MP2A	X	7.9	7.9	0	%100
24	MP2A	Z	4.561	4.561	0	%100
25	MP1A	X	7.9	7.9	0	%100
26	MP1A	Z	4.561	4.561	0	%100
27	M37	X	4.159	4.159	0	%100
28	M37	Z	2.401	2.401	0	%100
29	M38	X	4.158	4.158	0	%100
30	M38	Z	2.401	2.401	0	%100
31	M40	X	7.9	7.9	0	%100
32	M40	Z	4.561	4.561	0	%100
33	M95	X	2.911	2.911	0	%100
34	M95	Z	1.68	1.68	0	%100
35	M100	X	1.975	1.975	0	%100
36	M100	Z	1.14	1.14	0	%100
37	MP4C	X	7.9	7.9	0	%100
38	MP4C	Z	4.561	4.561	0	%100
39	MP3C	X	7.9	7.9	0	%100
40	MP3C	Z	4.561	4.561	0	%100
41	MP2C	X	7.9	7.9	0	%100
42	MP2C	Z	4.561	4.561	0	%100
43	MP1C	X	7.9	7.9	0	%100
44	MP1C	Z	4.561	4.561	0	%100
45	M109	X	11.643	11.643	0	%100
46	M109	Z	6.722	6.722	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,%]
47	M114	X	7.9	7.9	0	%100
48	M114	Z	4.561	4.561	0	%100
49	MP4B	X	7.9	7.9	0	%100
50	MP4B	Z	4.561	4.561	0	%100
51	MP3B	X	7.9	7.9	0	%100
52	MP3B	Z	4.561	4.561	0	%100
53	MP2B	X	7.9	7.9	0	%100
54	MP2B	Z	4.561	4.561	0	%100
55	MP1B	X	7.9	7.9	0	%100
56	MP1B	Z	4.561	4.561	0	%100
57	M71	X	12.763	12.763	0	%100
58	M71	Z	7.369	7.369	0	%100
59	M76	X	4.543	4.543	0	%100
60	M76	Z	2.623	2.623	0	%100
61	M77	X	4.543	4.543	0	%100
62	M77	Z	2.623	2.623	0	%100
63	M85	X	.275	.275	0	%100
64	M85	Z	.159	.159	0	%100
65	M86	X	.308	.308	0	%100
66	M86	Z	.178	.178	0	%100
67	M87	X	2.564	2.564	0	%100
68	M87	Z	1.48	1.48	0	%100
69	M88	X	10.257	10.257	0	%100
70	M88	Z	5.922	5.922	0	%100
71	M91	X	4.158	4.158	0	%100
72	M91	Z	2.4	2.4	0	%100
73	M92	X	4.158	4.158	0	%100
74	M92	Z	2.401	2.401	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	18.172	18.172	0	%100
78	M102A	Z	10.492	10.492	0	%100
79	M103A	X	18.172	18.172	0	%100
80	M103A	Z	10.492	10.492	0	%100
81	M111B	X	1.099	1.099	0	%100
82	M111B	Z	.635	.635	0	%100
83	M112A	X	1.233	1.233	0	%100
84	M112A	Z	.712	.712	0	%100
85	M113A	X	2.564	2.564	0	%100
86	M113A	Z	1.48	1.48	0	%100
87	M114A	X	2.564	2.564	0	%100
88	M114A	Z	1.48	1.48	0	%100
89	M117A	X	16.632	16.632	0	%100
90	M117A	Z	9.603	9.603	0	%100
91	M118A	X	16.632	16.632	0	%100
92	M118A	Z	9.603	9.603	0	%100
93	M120A	X	4.162	4.162	0	%100
94	M120A	Z	2.403	2.403	0	%100
95	M121A	X	16.648	16.648	0	%100
96	M121A	Z	9.612	9.612	0	%100
97	M122A	X	4.162	4.162	0	%100
98	M122A	Z	2.403	2.403	0	%100
99	M124	X	16.994	16.994	0	%100
100	M124	Z	9.812	9.812	0	%100
101	M126	X	16.994	16.994	0	%100
102	M126	Z	9.812	9.812	0	%100
103	M128	X	18.081	18.081	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,%]
104	M128	Z	10.439	10.439	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	M48	X	2.456	2.456	0	%100
2	M48	Z	4.254	4.254	0	%100
3	M53	X	7.869	7.869	0	%100
4	M53	Z	13.629	13.629	0	%100
5	M54	X	7.869	7.869	0	%100
6	M54	Z	13.629	13.629	0	%100
7	M62	X	.476	.476	0	%100
8	M62	Z	.824	.824	0	%100
9	M63	X	.534	.534	0	%100
10	M63	Z	.924	.924	0	%100
11	M66	X	4.441	4.441	0	%100
12	M66	Z	7.692	7.692	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	5.041	5.041	0	%100
16	M200	Z	8.732	8.732	0	%100
17	M186A	X	3.421	3.421	0	%100
18	M186A	Z	5.925	5.925	0	%100
19	MP4A	X	4.561	4.561	0	%100
20	MP4A	Z	7.9	7.9	0	%100
21	MP3A	X	4.561	4.561	0	%100
22	MP3A	Z	7.9	7.9	0	%100
23	MP2A	X	4.561	4.561	0	%100
24	MP2A	Z	7.9	7.9	0	%100
25	MP1A	X	4.561	4.561	0	%100
26	MP1A	Z	7.9	7.9	0	%100
27	M37	X	7.202	7.202	0	%100
28	M37	Z	12.475	12.475	0	%100
29	M38	X	7.202	7.202	0	%100
30	M38	Z	12.474	12.474	0	%100
31	M40	X	4.561	4.561	0	%100
32	M40	Z	7.9	7.9	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	4.561	4.561	0	%100
38	MP4C	Z	7.9	7.9	0	%100
39	MP3C	X	4.561	4.561	0	%100
40	MP3C	Z	7.9	7.9	0	%100
41	MP2C	X	4.561	4.561	0	%100
42	MP2C	Z	7.9	7.9	0	%100
43	MP1C	X	4.561	4.561	0	%100
44	MP1C	Z	7.9	7.9	0	%100
45	M109	X	5.041	5.041	0	%100
46	M109	Z	8.732	8.732	0	%100
47	M114	X	3.421	3.421	0	%100
48	M114	Z	5.925	5.925	0	%100
49	MP4B	X	4.561	4.561	0	%100
50	MP4B	Z	7.9	7.9	0	%100
51	MP3B	X	4.561	4.561	0	%100
52	MP3B	Z	7.9	7.9	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,%]
53	MP2B	X	4.561	4.561	0	%100
54	MP2B	Z	7.9	7.9	0	%100
55	MP1B	X	4.561	4.561	0	%100
56	MP1B	Z	7.9	7.9	0	%100
57	M71	X	9.825	9.825	0	%100
58	M71	Z	17.018	17.018	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	4.441	4.441	0	%100
68	M87	Z	7.692	7.692	0	%100
69	M88	X	4.441	4.441	0	%100
70	M88	Z	7.692	7.692	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	2.456	2.456	0	%100
76	M97A	Z	4.255	4.255	0	%100
77	M102A	X	7.869	7.869	0	%100
78	M102A	Z	13.629	13.629	0	%100
79	M103A	X	7.869	7.869	0	%100
80	M103A	Z	13.629	13.629	0	%100
81	M111B	X	.476	.476	0	%100
82	M111B	Z	.824	.824	0	%100
83	M112A	X	.534	.534	0	%100
84	M112A	Z	.924	.924	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	4.441	4.441	0	%100
88	M114A	Z	7.692	7.692	0	%100
89	M117A	X	7.202	7.202	0	%100
90	M117A	Z	12.474	12.474	0	%100
91	M118A	X	7.202	7.202	0	%100
92	M118A	Z	12.474	12.474	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	7.209	7.209	0	%100
96	M121A	Z	12.486	12.486	0	%100
97	M122A	X	7.209	7.209	0	%100
98	M122A	Z	12.486	12.486	0	%100
99	M124	X	10.23	10.23	0	%100
100	M124	Z	17.719	17.719	0	%100
101	M126	X	9.603	9.603	0	%100
102	M126	Z	16.632	16.632	0	%100
103	M128	X	10.23	10.23	0	%100
104	M128	Z	17.719	17.719	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	M48	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	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	20.983	20.983	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	20.983	20.983	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	1.269	1.269	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.423	1.423	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	2.961	2.961	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	2.961	2.961	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	13.444	13.444	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	9.122	9.122	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	9.122	9.122	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	9.122	9.122	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	9.122	9.122	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	9.122	9.122	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	19.205	19.205	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	19.205	19.205	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	9.122	9.122	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	3.361	3.361	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	2.281	2.281	0	%100
37	MP4C	X	0	0	0	%100
38	MP4C	Z	9.122	9.122	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	9.122	9.122	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	9.122	9.122	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	9.122	9.122	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	3.361	3.361	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	2.281	2.281	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	9.122	9.122	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	9.122	9.122	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	9.122	9.122	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	9.122	9.122	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	14.738	14.738	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	M76	X	0	0	0	%100
60	M76	Z	5.246	5.246	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	5.246	5.246	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	.317	.317	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	.356	.356	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	11.843	11.843	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	2.961	2.961	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	4.802	4.802	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	4.801	4.801	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	14.738	14.738	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	5.246	5.246	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	5.246	5.246	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	.317	.317	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	.356	.356	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	2.961	2.961	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	11.843	11.843	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	4.801	4.801	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	4.801	4.801	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	4.805	4.805	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	4.806	4.806	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	19.223	19.223	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	20.878	20.878	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	19.623	19.623	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	19.623	19.623	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	M48	X	-2.456	-2.456	0	%100
2	M48	Z	4.255	4.255	0	%100
3	M53	X	-7.869	-7.869	0	%100
4	M53	Z	13.629	13.629	0	%100
5	M54	X	-7.869	-7.869	0	%100
6	M54	Z	13.629	13.629	0	%100
7	M62	X	-.476	-.476	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,%]
8	M62	Z	.824	.824	0	%100
9	M63	X	-.534	-.534	0	%100
10	M63	Z	.924	.924	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-4.441	-4.441	0	%100
14	M67	Z	7.692	7.692	0	%100
15	M200	X	-5.041	-5.041	0	%100
16	M200	Z	8.732	8.732	0	%100
17	M186A	X	-3.421	-3.421	0	%100
18	M186A	Z	5.925	5.925	0	%100
19	MP4A	X	-4.561	-4.561	0	%100
20	MP4A	Z	7.9	7.9	0	%100
21	MP3A	X	-4.561	-4.561	0	%100
22	MP3A	Z	7.9	7.9	0	%100
23	MP2A	X	-4.561	-4.561	0	%100
24	MP2A	Z	7.9	7.9	0	%100
25	MP1A	X	-4.561	-4.561	0	%100
26	MP1A	Z	7.9	7.9	0	%100
27	M37	X	-7.202	-7.202	0	%100
28	M37	Z	12.474	12.474	0	%100
29	M38	X	-7.202	-7.202	0	%100
30	M38	Z	12.474	12.474	0	%100
31	M40	X	-4.561	-4.561	0	%100
32	M40	Z	7.9	7.9	0	%100
33	M95	X	-5.041	-5.041	0	%100
34	M95	Z	8.732	8.732	0	%100
35	M100	X	-3.421	-3.421	0	%100
36	M100	Z	5.925	5.925	0	%100
37	MP4C	X	-4.561	-4.561	0	%100
38	MP4C	Z	7.9	7.9	0	%100
39	MP3C	X	-4.561	-4.561	0	%100
40	MP3C	Z	7.9	7.9	0	%100
41	MP2C	X	-4.561	-4.561	0	%100
42	MP2C	Z	7.9	7.9	0	%100
43	MP1C	X	-4.561	-4.561	0	%100
44	MP1C	Z	7.9	7.9	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	-4.561	-4.561	0	%100
50	MP4B	Z	7.9	7.9	0	%100
51	MP3B	X	-4.561	-4.561	0	%100
52	MP3B	Z	7.9	7.9	0	%100
53	MP2B	X	-4.561	-4.561	0	%100
54	MP2B	Z	7.9	7.9	0	%100
55	MP1B	X	-4.561	-4.561	0	%100
56	MP1B	Z	7.9	7.9	0	%100
57	M71	X	-2.456	-2.456	0	%100
58	M71	Z	4.254	4.254	0	%100
59	M76	X	-7.869	-7.869	0	%100
60	M76	Z	13.629	13.629	0	%100
61	M77	X	-7.869	-7.869	0	%100
62	M77	Z	13.629	13.629	0	%100
63	M85	X	-.476	-.476	0	%100
64	M85	Z	.824	.824	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,%]
65	M86	X	-.534	-.534	0	%100
66	M86	Z	.924	.924	0	%100
67	M87	X	-4.441	-4.441	0	%100
68	M87	Z	7.692	7.692	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-7.202	-7.202	0	%100
72	M91	Z	12.475	12.475	0	%100
73	M92	X	-7.202	-7.202	0	%100
74	M92	Z	12.474	12.474	0	%100
75	M97A	X	-9.825	-9.825	0	%100
76	M97A	Z	17.018	17.018	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-4.441	-4.441	0	%100
86	M113A	Z	7.692	7.692	0	%100
87	M114A	X	-4.441	-4.441	0	%100
88	M114A	Z	7.692	7.692	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-7.209	-7.209	0	%100
94	M120A	Z	12.486	12.486	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	-7.209	-7.209	0	%100
98	M122A	Z	12.486	12.486	0	%100
99	M124	X	-10.23	-10.23	0	%100
100	M124	Z	17.719	17.719	0	%100
101	M126	X	-10.23	-10.23	0	%100
102	M126	Z	17.719	17.719	0	%100
103	M128	X	-9.603	-9.603	0	%100
104	M128	Z	16.632	16.632	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	M48	X	-12.763	-12.763	0	%100
2	M48	Z	7.369	7.369	0	%100
3	M53	X	-4.543	-4.543	0	%100
4	M53	Z	2.623	2.623	0	%100
5	M54	X	-4.543	-4.543	0	%100
6	M54	Z	2.623	2.623	0	%100
7	M62	X	-.275	-.275	0	%100
8	M62	Z	.159	.159	0	%100
9	M63	X	-.308	-.308	0	%100
10	M63	Z	.178	.178	0	%100
11	M66	X	-2.564	-2.564	0	%100
12	M66	Z	1.48	1.48	0	%100
13	M67	X	-10.257	-10.257	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,%]
14	M67	Z	5.922	5.922	0	%100
15	M200	X	-2.911	-2.911	0	%100
16	M200	Z	1.68	1.68	0	%100
17	M186A	X	-1.975	-1.975	0	%100
18	M186A	Z	1.14	1.14	0	%100
19	MP4A	X	-7.9	-7.9	0	%100
20	MP4A	Z	4.561	4.561	0	%100
21	MP3A	X	-7.9	-7.9	0	%100
22	MP3A	Z	4.561	4.561	0	%100
23	MP2A	X	-7.9	-7.9	0	%100
24	MP2A	Z	4.561	4.561	0	%100
25	MP1A	X	-7.9	-7.9	0	%100
26	MP1A	Z	4.561	4.561	0	%100
27	M37	X	-4.158	-4.158	0	%100
28	M37	Z	2.4	2.4	0	%100
29	M38	X	-4.158	-4.158	0	%100
30	M38	Z	2.401	2.401	0	%100
31	M40	X	-7.9	-7.9	0	%100
32	M40	Z	4.561	4.561	0	%100
33	M95	X	-11.643	-11.643	0	%100
34	M95	Z	6.722	6.722	0	%100
35	M100	X	-7.9	-7.9	0	%100
36	M100	Z	4.561	4.561	0	%100
37	MP4C	X	-7.9	-7.9	0	%100
38	MP4C	Z	4.561	4.561	0	%100
39	MP3C	X	-7.9	-7.9	0	%100
40	MP3C	Z	4.561	4.561	0	%100
41	MP2C	X	-7.9	-7.9	0	%100
42	MP2C	Z	4.561	4.561	0	%100
43	MP1C	X	-7.9	-7.9	0	%100
44	MP1C	Z	4.561	4.561	0	%100
45	M109	X	-2.911	-2.911	0	%100
46	M109	Z	1.68	1.68	0	%100
47	M114	X	-1.975	-1.975	0	%100
48	M114	Z	1.14	1.14	0	%100
49	MP4B	X	-7.9	-7.9	0	%100
50	MP4B	Z	4.561	4.561	0	%100
51	MP3B	X	-7.9	-7.9	0	%100
52	MP3B	Z	4.561	4.561	0	%100
53	MP2B	X	-7.9	-7.9	0	%100
54	MP2B	Z	4.561	4.561	0	%100
55	MP1B	X	-7.9	-7.9	0	%100
56	MP1B	Z	4.561	4.561	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	-18.172	-18.172	0	%100
60	M76	Z	10.492	10.492	0	%100
61	M77	X	-18.172	-18.172	0	%100
62	M77	Z	10.492	10.492	0	%100
63	M85	X	-1.099	-1.099	0	%100
64	M85	Z	.635	.635	0	%100
65	M86	X	-1.233	-1.233	0	%100
66	M86	Z	.712	.712	0	%100
67	M87	X	-2.564	-2.564	0	%100
68	M87	Z	1.48	1.48	0	%100
69	M88	X	-2.564	-2.564	0	%100
70	M88	Z	1.48	1.48	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,%]
71	M91	X	-16.632	-16.632	0	%100
72	M91	Z	9.603	9.603	0	%100
73	M92	X	-16.632	-16.632	0	%100
74	M92	Z	9.603	9.603	0	%100
75	M97A	X	-12.763	-12.763	0	%100
76	M97A	Z	7.369	7.369	0	%100
77	M102A	X	-4.543	-4.543	0	%100
78	M102A	Z	2.623	2.623	0	%100
79	M103A	X	-4.543	-4.543	0	%100
80	M103A	Z	2.623	2.623	0	%100
81	M111B	X	-.275	-.275	0	%100
82	M111B	Z	.159	.159	0	%100
83	M112A	X	-.308	-.308	0	%100
84	M112A	Z	.178	.178	0	%100
85	M113A	X	-10.256	-10.256	0	%100
86	M113A	Z	5.922	5.922	0	%100
87	M114A	X	-2.564	-2.564	0	%100
88	M114A	Z	1.48	1.48	0	%100
89	M117A	X	-4.159	-4.159	0	%100
90	M117A	Z	2.401	2.401	0	%100
91	M118A	X	-4.158	-4.158	0	%100
92	M118A	Z	2.401	2.401	0	%100
93	M120A	X	-16.648	-16.648	0	%100
94	M120A	Z	9.612	9.612	0	%100
95	M121A	X	-4.162	-4.162	0	%100
96	M121A	Z	2.403	2.403	0	%100
97	M122A	X	-4.162	-4.162	0	%100
98	M122A	Z	2.403	2.403	0	%100
99	M124	X	-16.994	-16.994	0	%100
100	M124	Z	9.812	9.812	0	%100
101	M126	X	-18.081	-18.081	0	%100
102	M126	Z	10.439	10.439	0	%100
103	M128	X	-16.994	-16.994	0	%100
104	M128	Z	9.812	9.812	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	M48	X	-19.65	-19.65	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-8.882	-8.882	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-8.882	-8.882	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	-9.122	-9.122	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,%]
20	MP4A	Z	0	0	0	%100
21	MP3A	X	-9.122	-9.122	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	-9.122	-9.122	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	-9.122	-9.122	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	-9.122	-9.122	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	-10.083	-10.083	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	-6.842	-6.842	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	-9.122	-9.122	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	-9.122	-9.122	0	%100
40	MP3C	Z	0	0	0	%100
41	MP2C	X	-9.122	-9.122	0	%100
42	MP2C	Z	0	0	0	%100
43	MP1C	X	-9.122	-9.122	0	%100
44	MP1C	Z	0	0	0	%100
45	M109	X	-10.083	-10.083	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	-6.842	-6.842	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	-9.122	-9.122	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	-9.122	-9.122	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	-9.122	-9.122	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	-9.122	-9.122	0	%100
56	MP1B	Z	0	0	0	%100
57	M71	X	-4.913	-4.913	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	-15.738	-15.738	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	-15.738	-15.738	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	-.952	-.952	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	-1.067	-1.067	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	-8.882	-8.882	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-14.403	-14.403	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	-14.404	-14.404	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-4.912	-4.912	0	%100
76	M97A	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,%]
77	M102A	X	-15.738	-15.738	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	-15.738	-15.738	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	-.952	-.952	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	-1.067	-1.067	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-8.882	-8.882	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	-14.404	-14.404	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	-14.404	-14.404	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-14.418	-14.418	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-14.417	-14.417	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	-19.205	-19.205	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	-20.46	-20.46	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	-20.46	-20.46	0	%100
104	M128	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	M48	X	-12.763	-12.763	0	%100
2	M48	Z	-7.369	-7.369	0	%100
3	M53	X	-4.543	-4.543	0	%100
4	M53	Z	-2.623	-2.623	0	%100
5	M54	X	-4.543	-4.543	0	%100
6	M54	Z	-2.623	-2.623	0	%100
7	M62	X	-.275	-.275	0	%100
8	M62	Z	-.159	-.159	0	%100
9	M63	X	-.308	-.308	0	%100
10	M63	Z	-.178	-.178	0	%100
11	M66	X	-10.256	-10.256	0	%100
12	M66	Z	-5.922	-5.922	0	%100
13	M67	X	-2.564	-2.564	0	%100
14	M67	Z	-1.48	-1.48	0	%100
15	M200	X	-2.911	-2.911	0	%100
16	M200	Z	-1.68	-1.68	0	%100
17	M186A	X	-1.975	-1.975	0	%100
18	M186A	Z	-1.14	-1.14	0	%100
19	MP4A	X	-7.9	-7.9	0	%100
20	MP4A	Z	-4.561	-4.561	0	%100
21	MP3A	X	-7.9	-7.9	0	%100
22	MP3A	Z	-4.561	-4.561	0	%100
23	MP2A	X	-7.9	-7.9	0	%100
24	MP2A	Z	-4.561	-4.561	0	%100
25	MP1A	X	-7.9	-7.9	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,%]
26	MP1A	Z	-4.561	-4.561	0	%100
27	M37	X	-4.159	-4.159	0	%100
28	M37	Z	-2.401	-2.401	0	%100
29	M38	X	-4.158	-4.158	0	%100
30	M38	Z	-2.401	-2.401	0	%100
31	M40	X	-7.9	-7.9	0	%100
32	M40	Z	-4.561	-4.561	0	%100
33	M95	X	-2.911	-2.911	0	%100
34	M95	Z	-1.68	-1.68	0	%100
35	M100	X	-1.975	-1.975	0	%100
36	M100	Z	-1.14	-1.14	0	%100
37	MP4C	X	-7.9	-7.9	0	%100
38	MP4C	Z	-4.561	-4.561	0	%100
39	MP3C	X	-7.9	-7.9	0	%100
40	MP3C	Z	-4.561	-4.561	0	%100
41	MP2C	X	-7.9	-7.9	0	%100
42	MP2C	Z	-4.561	-4.561	0	%100
43	MP1C	X	-7.9	-7.9	0	%100
44	MP1C	Z	-4.561	-4.561	0	%100
45	M109	X	-11.643	-11.643	0	%100
46	M109	Z	-6.722	-6.722	0	%100
47	M114	X	-7.9	-7.9	0	%100
48	M114	Z	-4.561	-4.561	0	%100
49	MP4B	X	-7.9	-7.9	0	%100
50	MP4B	Z	-4.561	-4.561	0	%100
51	MP3B	X	-7.9	-7.9	0	%100
52	MP3B	Z	-4.561	-4.561	0	%100
53	MP2B	X	-7.9	-7.9	0	%100
54	MP2B	Z	-4.561	-4.561	0	%100
55	MP1B	X	-7.9	-7.9	0	%100
56	MP1B	Z	-4.561	-4.561	0	%100
57	M71	X	-12.763	-12.763	0	%100
58	M71	Z	-7.369	-7.369	0	%100
59	M76	X	-4.543	-4.543	0	%100
60	M76	Z	-2.623	-2.623	0	%100
61	M77	X	-4.543	-4.543	0	%100
62	M77	Z	-2.623	-2.623	0	%100
63	M85	X	-.275	-.275	0	%100
64	M85	Z	-.159	-.159	0	%100
65	M86	X	-.308	-.308	0	%100
66	M86	Z	-.178	-.178	0	%100
67	M87	X	-2.564	-2.564	0	%100
68	M87	Z	-1.48	-1.48	0	%100
69	M88	X	-10.257	-10.257	0	%100
70	M88	Z	-5.922	-5.922	0	%100
71	M91	X	-4.158	-4.158	0	%100
72	M91	Z	-2.4	-2.4	0	%100
73	M92	X	-4.158	-4.158	0	%100
74	M92	Z	-2.401	-2.401	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-18.172	-18.172	0	%100
78	M102A	Z	-10.492	-10.492	0	%100
79	M103A	X	-18.172	-18.172	0	%100
80	M103A	Z	-10.492	-10.492	0	%100
81	M111B	X	-1.099	-1.099	0	%100
82	M111B	Z	-.635	-.635	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,%]
83	M112A	X	-1.233	-1.233	0	%100
84	M112A	Z	-.712	-.712	0	%100
85	M113A	X	-2.564	-2.564	0	%100
86	M113A	Z	-1.48	-1.48	0	%100
87	M114A	X	-2.564	-2.564	0	%100
88	M114A	Z	-1.48	-1.48	0	%100
89	M117A	X	-16.632	-16.632	0	%100
90	M117A	Z	-9.603	-9.603	0	%100
91	M118A	X	-16.632	-16.632	0	%100
92	M118A	Z	-9.603	-9.603	0	%100
93	M120A	X	-4.162	-4.162	0	%100
94	M120A	Z	-2.403	-2.403	0	%100
95	M121A	X	-16.648	-16.648	0	%100
96	M121A	Z	-9.612	-9.612	0	%100
97	M122A	X	-4.162	-4.162	0	%100
98	M122A	Z	-2.403	-2.403	0	%100
99	M124	X	-16.994	-16.994	0	%100
100	M124	Z	-9.812	-9.812	0	%100
101	M126	X	-16.994	-16.994	0	%100
102	M126	Z	-9.812	-9.812	0	%100
103	M128	X	-18.081	-18.081	0	%100
104	M128	Z	-10.439	-10.439	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	M48	X	-2.456	-2.456	0	%100
2	M48	Z	-4.254	-4.254	0	%100
3	M53	X	-7.869	-7.869	0	%100
4	M53	Z	-13.629	-13.629	0	%100
5	M54	X	-7.869	-7.869	0	%100
6	M54	Z	-13.629	-13.629	0	%100
7	M62	X	-.476	-.476	0	%100
8	M62	Z	-.824	-.824	0	%100
9	M63	X	-.534	-.534	0	%100
10	M63	Z	-.924	-.924	0	%100
11	M66	X	-4.441	-4.441	0	%100
12	M66	Z	-7.692	-7.692	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-5.041	-5.041	0	%100
16	M200	Z	-8.732	-8.732	0	%100
17	M186A	X	-3.421	-3.421	0	%100
18	M186A	Z	-5.925	-5.925	0	%100
19	MP4A	X	-4.561	-4.561	0	%100
20	MP4A	Z	-7.9	-7.9	0	%100
21	MP3A	X	-4.561	-4.561	0	%100
22	MP3A	Z	-7.9	-7.9	0	%100
23	MP2A	X	-4.561	-4.561	0	%100
24	MP2A	Z	-7.9	-7.9	0	%100
25	MP1A	X	-4.561	-4.561	0	%100
26	MP1A	Z	-7.9	-7.9	0	%100
27	M37	X	-7.202	-7.202	0	%100
28	M37	Z	-12.475	-12.475	0	%100
29	M38	X	-7.202	-7.202	0	%100
30	M38	Z	-12.474	-12.474	0	%100
31	M40	X	-4.561	-4.561	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,%]
32	M40	Z	-7.9	-7.9	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	-4.561	-4.561	0	%100
38	MP4C	Z	-7.9	-7.9	0	%100
39	MP3C	X	-4.561	-4.561	0	%100
40	MP3C	Z	-7.9	-7.9	0	%100
41	MP2C	X	-4.561	-4.561	0	%100
42	MP2C	Z	-7.9	-7.9	0	%100
43	MP1C	X	-4.561	-4.561	0	%100
44	MP1C	Z	-7.9	-7.9	0	%100
45	M109	X	-5.041	-5.041	0	%100
46	M109	Z	-8.732	-8.732	0	%100
47	M114	X	-3.421	-3.421	0	%100
48	M114	Z	-5.925	-5.925	0	%100
49	MP4B	X	-4.561	-4.561	0	%100
50	MP4B	Z	-7.9	-7.9	0	%100
51	MP3B	X	-4.561	-4.561	0	%100
52	MP3B	Z	-7.9	-7.9	0	%100
53	MP2B	X	-4.561	-4.561	0	%100
54	MP2B	Z	-7.9	-7.9	0	%100
55	MP1B	X	-4.561	-4.561	0	%100
56	MP1B	Z	-7.9	-7.9	0	%100
57	M71	X	-9.825	-9.825	0	%100
58	M71	Z	-17.018	-17.018	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	-4.441	-4.441	0	%100
68	M87	Z	-7.692	-7.692	0	%100
69	M88	X	-4.441	-4.441	0	%100
70	M88	Z	-7.692	-7.692	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-2.456	-2.456	0	%100
76	M97A	Z	-4.255	-4.255	0	%100
77	M102A	X	-7.869	-7.869	0	%100
78	M102A	Z	-13.629	-13.629	0	%100
79	M103A	X	-7.869	-7.869	0	%100
80	M103A	Z	-13.629	-13.629	0	%100
81	M111B	X	-.476	-.476	0	%100
82	M111B	Z	-.824	-.824	0	%100
83	M112A	X	-.534	-.534	0	%100
84	M112A	Z	-.924	-.924	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	-4.441	-4.441	0	%100
88	M114A	Z	-7.692	-7.692	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,%]
89	M117A	X	-7.202	-7.202	0	%100
90	M117A	Z	-12.474	-12.474	0	%100
91	M118A	X	-7.202	-7.202	0	%100
92	M118A	Z	-12.474	-12.474	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-7.209	-7.209	0	%100
96	M121A	Z	-12.486	-12.486	0	%100
97	M122A	X	-7.209	-7.209	0	%100
98	M122A	Z	-12.486	-12.486	0	%100
99	M124	X	-10.23	-10.23	0	%100
100	M124	Z	-17.719	-17.719	0	%100
101	M126	X	-9.603	-9.603	0	%100
102	M126	Z	-16.632	-16.632	0	%100
103	M128	X	-10.23	-10.23	0	%100
104	M128	Z	-17.719	-17.719	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-5.328	-5.328	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-5.328	-5.328	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-1.791	-1.791	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.966	-1.966	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-.973	-.973	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-.973	-.973	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-4.726	-4.726	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	-3.95	-3.95	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-3.95	-3.95	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-3.95	-3.95	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-3.95	-3.95	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-3.95	-3.95	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	-4.797	-4.797	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	-4.797	-4.797	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	-3.799	-3.799	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	-1.181	-1.181	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-.987	-.987	0	%100
37	MP4C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP4C	Z	-3.95	-3.95	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-3.95	-3.95	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-3.95	-3.95	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	-3.95	-3.95	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	-1.181	-1.181	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	-.987	-.987	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-3.95	-3.95	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	-3.95	-3.95	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-3.95	-3.95	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	-3.95	-3.95	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-4.243	-4.243	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	-1.332	-1.332	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	-1.332	-1.332	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	-.448	-.448	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	-.492	-.492	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	-3.892	-3.892	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	-.973	-.973	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	-1.199	-1.199	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	-1.199	-1.199	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	-4.243	-4.243	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	-1.332	-1.332	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	-1.332	-1.332	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	-.448	-.448	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	-.492	-.492	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	-.973	-.973	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	-3.892	-3.892	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	-1.199	-1.199	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	-1.199	-1.199	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	-1.214	-1.214	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	M121A	X	0	0	0	%100
96	M121A	Z	-1.214	-1.214	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	-4.854	-4.854	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	-5.22	-5.22	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	-5.619	-5.619	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	-5.619	-5.619	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	M48	X	.707	.707	0	%100
2	M48	Z	-1.225	-1.225	0	%100
3	M53	X	1.998	1.998	0	%100
4	M53	Z	-3.461	-3.461	0	%100
5	M54	X	1.998	1.998	0	%100
6	M54	Z	-3.461	-3.461	0	%100
7	M62	X	.672	.672	0	%100
8	M62	Z	-1.163	-1.163	0	%100
9	M63	X	.737	.737	0	%100
10	M63	Z	-1.277	-1.277	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	1.459	1.459	0	%100
14	M67	Z	-2.528	-2.528	0	%100
15	M200	X	1.772	1.772	0	%100
16	M200	Z	-3.07	-3.07	0	%100
17	M186A	X	1.481	1.481	0	%100
18	M186A	Z	-2.566	-2.566	0	%100
19	MP4A	X	1.975	1.975	0	%100
20	MP4A	Z	-3.421	-3.421	0	%100
21	MP3A	X	1.975	1.975	0	%100
22	MP3A	Z	-3.421	-3.421	0	%100
23	MP2A	X	1.975	1.975	0	%100
24	MP2A	Z	-3.421	-3.421	0	%100
25	MP1A	X	1.975	1.975	0	%100
26	MP1A	Z	-3.421	-3.421	0	%100
27	M37	X	1.799	1.799	0	%100
28	M37	Z	-3.116	-3.116	0	%100
29	M38	X	1.799	1.799	0	%100
30	M38	Z	-3.116	-3.116	0	%100
31	M40	X	1.9	1.9	0	%100
32	M40	Z	-3.29	-3.29	0	%100
33	M95	X	1.772	1.772	0	%100
34	M95	Z	-3.07	-3.07	0	%100
35	M100	X	1.481	1.481	0	%100
36	M100	Z	-2.566	-2.566	0	%100
37	MP4C	X	1.975	1.975	0	%100
38	MP4C	Z	-3.421	-3.421	0	%100
39	MP3C	X	1.975	1.975	0	%100
40	MP3C	Z	-3.421	-3.421	0	%100
41	MP2C	X	1.975	1.975	0	%100
42	MP2C	Z	-3.421	-3.421	0	%100
43	MP1C	X	1.975	1.975	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,%]
44	MP1C	Z	-3.421	-3.421	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	1.975	1.975	0	%100
50	MP4B	Z	-3.421	-3.421	0	%100
51	MP3B	X	1.975	1.975	0	%100
52	MP3B	Z	-3.421	-3.421	0	%100
53	MP2B	X	1.975	1.975	0	%100
54	MP2B	Z	-3.421	-3.421	0	%100
55	MP1B	X	1.975	1.975	0	%100
56	MP1B	Z	-3.421	-3.421	0	%100
57	M71	X	.707	.707	0	%100
58	M71	Z	-1.225	-1.225	0	%100
59	M76	X	1.998	1.998	0	%100
60	M76	Z	-3.461	-3.461	0	%100
61	M77	X	1.998	1.998	0	%100
62	M77	Z	-3.461	-3.461	0	%100
63	M85	X	.672	.672	0	%100
64	M85	Z	-1.163	-1.163	0	%100
65	M86	X	.737	.737	0	%100
66	M86	Z	-1.277	-1.277	0	%100
67	M87	X	1.459	1.459	0	%100
68	M87	Z	-2.528	-2.528	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	1.799	1.799	0	%100
72	M91	Z	-3.116	-3.116	0	%100
73	M92	X	1.799	1.799	0	%100
74	M92	Z	-3.116	-3.116	0	%100
75	M97A	X	2.829	2.829	0	%100
76	M97A	Z	-4.899	-4.899	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	1.459	1.459	0	%100
86	M113A	Z	-2.528	-2.528	0	%100
87	M114A	X	1.459	1.459	0	%100
88	M114A	Z	-2.528	-2.528	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	1.82	1.82	0	%100
94	M120A	Z	-3.153	-3.153	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	1.82	1.82	0	%100
98	M122A	Z	-3.153	-3.153	0	%100
99	M124	X	2.677	2.677	0	%100
100	M124	Z	-4.636	-4.636	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,%]
101	M126	X	2.677	2.677	0	%100
102	M126	Z	-4.636	-4.636	0	%100
103	M128	X	2.876	2.876	0	%100
104	M128	Z	-4.982	-4.982	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	M48	X	3.675	3.675	0	%100
2	M48	Z	-2.122	-2.122	0	%100
3	M53	X	1.154	1.154	0	%100
4	M53	Z	-.666	-.666	0	%100
5	M54	X	1.154	1.154	0	%100
6	M54	Z	-.666	-.666	0	%100
7	M62	X	.388	.388	0	%100
8	M62	Z	-.224	-.224	0	%100
9	M63	X	.426	.426	0	%100
10	M63	Z	-.246	-.246	0	%100
11	M66	X	.843	.843	0	%100
12	M66	Z	-.486	-.486	0	%100
13	M67	X	3.37	3.37	0	%100
14	M67	Z	-1.946	-1.946	0	%100
15	M200	X	1.023	1.023	0	%100
16	M200	Z	-.591	-.591	0	%100
17	M186A	X	.855	.855	0	%100
18	M186A	Z	-.494	-.494	0	%100
19	MP4A	X	3.421	3.421	0	%100
20	MP4A	Z	-1.975	-1.975	0	%100
21	MP3A	X	3.421	3.421	0	%100
22	MP3A	Z	-1.975	-1.975	0	%100
23	MP2A	X	3.421	3.421	0	%100
24	MP2A	Z	-1.975	-1.975	0	%100
25	MP1A	X	3.421	3.421	0	%100
26	MP1A	Z	-1.975	-1.975	0	%100
27	M37	X	1.038	1.038	0	%100
28	M37	Z	-.6	-.6	0	%100
29	M38	X	1.039	1.039	0	%100
30	M38	Z	-.6	-.6	0	%100
31	M40	X	3.29	3.29	0	%100
32	M40	Z	-1.9	-1.9	0	%100
33	M95	X	4.093	4.093	0	%100
34	M95	Z	-2.363	-2.363	0	%100
35	M100	X	3.421	3.421	0	%100
36	M100	Z	-1.975	-1.975	0	%100
37	MP4C	X	3.421	3.421	0	%100
38	MP4C	Z	-1.975	-1.975	0	%100
39	MP3C	X	3.421	3.421	0	%100
40	MP3C	Z	-1.975	-1.975	0	%100
41	MP2C	X	3.421	3.421	0	%100
42	MP2C	Z	-1.975	-1.975	0	%100
43	MP1C	X	3.421	3.421	0	%100
44	MP1C	Z	-1.975	-1.975	0	%100
45	M109	X	1.023	1.023	0	%100
46	M109	Z	-.591	-.591	0	%100
47	M114	X	.855	.855	0	%100
48	M114	Z	-.494	-.494	0	%100
49	MP4B	X	3.421	3.421	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,%]
50	MP4B	Z	-1.975	-1.975	0	%100
51	MP3B	X	3.421	3.421	0	%100
52	MP3B	Z	-1.975	-1.975	0	%100
53	MP2B	X	3.421	3.421	0	%100
54	MP2B	Z	-1.975	-1.975	0	%100
55	MP1B	X	3.421	3.421	0	%100
56	MP1B	Z	-1.975	-1.975	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	4.615	4.615	0	%100
60	M76	Z	-2.664	-2.664	0	%100
61	M77	X	4.615	4.615	0	%100
62	M77	Z	-2.664	-2.664	0	%100
63	M85	X	1.551	1.551	0	%100
64	M85	Z	-.895	-.895	0	%100
65	M86	X	1.703	1.703	0	%100
66	M86	Z	-.983	-.983	0	%100
67	M87	X	.843	.843	0	%100
68	M87	Z	-.486	-.486	0	%100
69	M88	X	.843	.843	0	%100
70	M88	Z	-.486	-.486	0	%100
71	M91	X	4.154	4.154	0	%100
72	M91	Z	-2.398	-2.398	0	%100
73	M92	X	4.154	4.154	0	%100
74	M92	Z	-2.398	-2.398	0	%100
75	M97A	X	3.675	3.675	0	%100
76	M97A	Z	-2.122	-2.122	0	%100
77	M102A	X	1.154	1.154	0	%100
78	M102A	Z	-.666	-.666	0	%100
79	M103A	X	1.154	1.154	0	%100
80	M103A	Z	-.666	-.666	0	%100
81	M111B	X	.388	.388	0	%100
82	M111B	Z	-.224	-.224	0	%100
83	M112A	X	.426	.426	0	%100
84	M112A	Z	-.246	-.246	0	%100
85	M113A	X	3.37	3.37	0	%100
86	M113A	Z	-1.946	-1.946	0	%100
87	M114A	X	.843	.843	0	%100
88	M114A	Z	-.486	-.486	0	%100
89	M117A	X	1.039	1.039	0	%100
90	M117A	Z	-.6	-.6	0	%100
91	M118A	X	1.039	1.039	0	%100
92	M118A	Z	-.6	-.6	0	%100
93	M120A	X	4.204	4.204	0	%100
94	M120A	Z	-2.427	-2.427	0	%100
95	M121A	X	1.051	1.051	0	%100
96	M121A	Z	-.607	-.607	0	%100
97	M122A	X	1.051	1.051	0	%100
98	M122A	Z	-.607	-.607	0	%100
99	M124	X	4.867	4.867	0	%100
100	M124	Z	-2.81	-2.81	0	%100
101	M126	X	4.521	4.521	0	%100
102	M126	Z	-2.61	-2.61	0	%100
103	M128	X	4.867	4.867	0	%100
104	M128	Z	-2.81	-2.81	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	M48	X	5.657	5.657	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	2.919	2.919	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	2.919	2.919	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	3.95	3.95	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	3.95	3.95	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	3.95	3.95	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	3.95	3.95	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	3.799	3.799	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	3.544	3.544	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	2.962	2.962	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	3.95	3.95	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	3.95	3.95	0	%100
40	MP3C	Z	0	0	0	%100
41	MP2C	X	3.95	3.95	0	%100
42	MP2C	Z	0	0	0	%100
43	MP1C	X	3.95	3.95	0	%100
44	MP1C	Z	0	0	0	%100
45	M109	X	3.544	3.544	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	2.962	2.962	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	3.95	3.95	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	3.95	3.95	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	3.95	3.95	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	3.95	3.95	0	%100
56	MP1B	Z	0	0	0	%100
57	M71	X	1.414	1.414	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,%]
58	M71	Z	0	0	0	%100
59	M76	X	3.996	3.996	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	3.996	3.996	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	1.343	1.343	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	1.475	1.475	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	2.919	2.919	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	3.598	3.598	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	3.598	3.598	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	1.414	1.414	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	3.996	3.996	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	3.996	3.996	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	1.343	1.343	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	1.475	1.475	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	2.919	2.919	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	3.598	3.598	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	3.598	3.598	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	3.641	3.641	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	3.641	3.641	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	5.752	5.752	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	5.353	5.353	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	5.353	5.353	0	%100
104	M128	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	M48	X	3.675	3.675	0	%100
2	M48	Z	2.122	2.122	0	%100
3	M53	X	1.154	1.154	0	%100
4	M53	Z	.666	.666	0	%100
5	M54	X	1.154	1.154	0	%100
6	M54	Z	.666	.666	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,%]
7	M62	X	.388	.388	0	%100
8	M62	Z	.224	.224	0	%100
9	M63	X	.426	.426	0	%100
10	M63	Z	.246	.246	0	%100
11	M66	X	3.37	3.37	0	%100
12	M66	Z	1.946	1.946	0	%100
13	M67	X	.843	.843	0	%100
14	M67	Z	.486	.486	0	%100
15	M200	X	1.023	1.023	0	%100
16	M200	Z	.591	.591	0	%100
17	M186A	X	.855	.855	0	%100
18	M186A	Z	.494	.494	0	%100
19	MP4A	X	3.421	3.421	0	%100
20	MP4A	Z	1.975	1.975	0	%100
21	MP3A	X	3.421	3.421	0	%100
22	MP3A	Z	1.975	1.975	0	%100
23	MP2A	X	3.421	3.421	0	%100
24	MP2A	Z	1.975	1.975	0	%100
25	MP1A	X	3.421	3.421	0	%100
26	MP1A	Z	1.975	1.975	0	%100
27	M37	X	1.039	1.039	0	%100
28	M37	Z	.6	.6	0	%100
29	M38	X	1.039	1.039	0	%100
30	M38	Z	.6	.6	0	%100
31	M40	X	3.29	3.29	0	%100
32	M40	Z	1.9	1.9	0	%100
33	M95	X	1.023	1.023	0	%100
34	M95	Z	.591	.591	0	%100
35	M100	X	.855	.855	0	%100
36	M100	Z	.494	.494	0	%100
37	MP4C	X	3.421	3.421	0	%100
38	MP4C	Z	1.975	1.975	0	%100
39	MP3C	X	3.421	3.421	0	%100
40	MP3C	Z	1.975	1.975	0	%100
41	MP2C	X	3.421	3.421	0	%100
42	MP2C	Z	1.975	1.975	0	%100
43	MP1C	X	3.421	3.421	0	%100
44	MP1C	Z	1.975	1.975	0	%100
45	M109	X	4.093	4.093	0	%100
46	M109	Z	2.363	2.363	0	%100
47	M114	X	3.421	3.421	0	%100
48	M114	Z	1.975	1.975	0	%100
49	MP4B	X	3.421	3.421	0	%100
50	MP4B	Z	1.975	1.975	0	%100
51	MP3B	X	3.421	3.421	0	%100
52	MP3B	Z	1.975	1.975	0	%100
53	MP2B	X	3.421	3.421	0	%100
54	MP2B	Z	1.975	1.975	0	%100
55	MP1B	X	3.421	3.421	0	%100
56	MP1B	Z	1.975	1.975	0	%100
57	M71	X	3.675	3.675	0	%100
58	M71	Z	2.122	2.122	0	%100
59	M76	X	1.154	1.154	0	%100
60	M76	Z	.666	.666	0	%100
61	M77	X	1.154	1.154	0	%100
62	M77	Z	.666	.666	0	%100
63	M85	X	.388	.388	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,%]
64	M85	Z	.224	.224	0	%100
65	M86	X	.426	.426	0	%100
66	M86	Z	.246	.246	0	%100
67	M87	X	.843	.843	0	%100
68	M87	Z	.486	.486	0	%100
69	M88	X	3.37	3.37	0	%100
70	M88	Z	1.946	1.946	0	%100
71	M91	X	1.038	1.038	0	%100
72	M91	Z	.6	.6	0	%100
73	M92	X	1.039	1.039	0	%100
74	M92	Z	.6	.6	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	4.615	4.615	0	%100
78	M102A	Z	2.664	2.664	0	%100
79	M103A	X	4.615	4.615	0	%100
80	M103A	Z	2.664	2.664	0	%100
81	M111B	X	1.551	1.551	0	%100
82	M111B	Z	.895	.895	0	%100
83	M112A	X	1.703	1.703	0	%100
84	M112A	Z	.983	.983	0	%100
85	M113A	X	.843	.843	0	%100
86	M113A	Z	.486	.486	0	%100
87	M114A	X	.843	.843	0	%100
88	M114A	Z	.486	.486	0	%100
89	M117A	X	4.154	4.154	0	%100
90	M117A	Z	2.398	2.398	0	%100
91	M118A	X	4.154	4.154	0	%100
92	M118A	Z	2.398	2.398	0	%100
93	M120A	X	1.051	1.051	0	%100
94	M120A	Z	.607	.607	0	%100
95	M121A	X	4.204	4.204	0	%100
96	M121A	Z	2.427	2.427	0	%100
97	M122A	X	1.051	1.051	0	%100
98	M122A	Z	.607	.607	0	%100
99	M124	X	4.867	4.867	0	%100
100	M124	Z	2.81	2.81	0	%100
101	M126	X	4.867	4.867	0	%100
102	M126	Z	2.81	2.81	0	%100
103	M128	X	4.521	4.521	0	%100
104	M128	Z	2.61	2.61	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	M48	X	.707	.707	0	%100
2	M48	Z	1.225	1.225	0	%100
3	M53	X	1.998	1.998	0	%100
4	M53	Z	3.461	3.461	0	%100
5	M54	X	1.998	1.998	0	%100
6	M54	Z	3.461	3.461	0	%100
7	M62	X	.672	.672	0	%100
8	M62	Z	1.163	1.163	0	%100
9	M63	X	.737	.737	0	%100
10	M63	Z	1.277	1.277	0	%100
11	M66	X	1.459	1.459	0	%100
12	M66	Z	2.528	2.528	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,%]
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	1.772	1.772	0	%100
16	M200	Z	3.07	3.07	0	%100
17	M186A	X	1.481	1.481	0	%100
18	M186A	Z	2.566	2.566	0	%100
19	MP4A	X	1.975	1.975	0	%100
20	MP4A	Z	3.421	3.421	0	%100
21	MP3A	X	1.975	1.975	0	%100
22	MP3A	Z	3.421	3.421	0	%100
23	MP2A	X	1.975	1.975	0	%100
24	MP2A	Z	3.421	3.421	0	%100
25	MP1A	X	1.975	1.975	0	%100
26	MP1A	Z	3.421	3.421	0	%100
27	M37	X	1.799	1.799	0	%100
28	M37	Z	3.116	3.116	0	%100
29	M38	X	1.799	1.799	0	%100
30	M38	Z	3.116	3.116	0	%100
31	M40	X	1.9	1.9	0	%100
32	M40	Z	3.29	3.29	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	1.975	1.975	0	%100
38	MP4C	Z	3.421	3.421	0	%100
39	MP3C	X	1.975	1.975	0	%100
40	MP3C	Z	3.421	3.421	0	%100
41	MP2C	X	1.975	1.975	0	%100
42	MP2C	Z	3.421	3.421	0	%100
43	MP1C	X	1.975	1.975	0	%100
44	MP1C	Z	3.421	3.421	0	%100
45	M109	X	1.772	1.772	0	%100
46	M109	Z	3.07	3.07	0	%100
47	M114	X	1.481	1.481	0	%100
48	M114	Z	2.566	2.566	0	%100
49	MP4B	X	1.975	1.975	0	%100
50	MP4B	Z	3.421	3.421	0	%100
51	MP3B	X	1.975	1.975	0	%100
52	MP3B	Z	3.421	3.421	0	%100
53	MP2B	X	1.975	1.975	0	%100
54	MP2B	Z	3.421	3.421	0	%100
55	MP1B	X	1.975	1.975	0	%100
56	MP1B	Z	3.421	3.421	0	%100
57	M71	X	2.829	2.829	0	%100
58	M71	Z	4.899	4.899	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	1.459	1.459	0	%100
68	M87	Z	2.528	2.528	0	%100
69	M88	X	1.459	1.459	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,%]
70	M88	Z	2.528	2.528	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	.707	.707	0	%100
76	M97A	Z	1.225	1.225	0	%100
77	M102A	X	1.998	1.998	0	%100
78	M102A	Z	3.461	3.461	0	%100
79	M103A	X	1.998	1.998	0	%100
80	M103A	Z	3.461	3.461	0	%100
81	M111B	X	.672	.672	0	%100
82	M111B	Z	1.163	1.163	0	%100
83	M112A	X	.737	.737	0	%100
84	M112A	Z	1.277	1.277	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	1.459	1.459	0	%100
88	M114A	Z	2.528	2.528	0	%100
89	M117A	X	1.799	1.799	0	%100
90	M117A	Z	3.116	3.116	0	%100
91	M118A	X	1.799	1.799	0	%100
92	M118A	Z	3.116	3.116	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	1.82	1.82	0	%100
96	M121A	Z	3.153	3.153	0	%100
97	M122A	X	1.82	1.82	0	%100
98	M122A	Z	3.153	3.153	0	%100
99	M124	X	2.677	2.677	0	%100
100	M124	Z	4.636	4.636	0	%100
101	M126	X	2.876	2.876	0	%100
102	M126	Z	4.982	4.982	0	%100
103	M128	X	2.677	2.677	0	%100
104	M128	Z	4.636	4.636	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	5.328	5.328	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	5.328	5.328	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	1.791	1.791	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.966	1.966	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	.973	.973	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	.973	.973	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	4.726	4.726	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	3.95	3.95	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,%]
19	MP4A	X	0	0	0	%100
20	MP4A	Z	3.95	3.95	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	3.95	3.95	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	3.95	3.95	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	3.95	3.95	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	4.797	4.797	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	4.797	4.797	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	3.799	3.799	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	1.181	1.181	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	.987	.987	0	%100
37	MP4C	X	0	0	0	%100
38	MP4C	Z	3.95	3.95	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	3.95	3.95	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	3.95	3.95	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	3.95	3.95	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	1.181	1.181	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	.987	.987	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	3.95	3.95	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	3.95	3.95	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	3.95	3.95	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	3.95	3.95	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	4.243	4.243	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	1.332	1.332	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	1.332	1.332	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	.448	.448	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	.492	.492	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	3.892	3.892	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	.973	.973	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	1.199	1.199	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	1.199	1.199	0	%100
75	M97A	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,%]
76	M97A	Z	4.243	4.243	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	1.332	1.332	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	1.332	1.332	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	.448	.448	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	.492	.492	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	.973	.973	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	3.892	3.892	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	1.199	1.199	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	1.199	1.199	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	1.214	1.214	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	1.214	1.214	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	4.854	4.854	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	5.22	5.22	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	5.619	5.619	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	5.619	5.619	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	M48	X	-.707	-.707	0	%100
2	M48	Z	1.225	1.225	0	%100
3	M53	X	-1.998	-1.998	0	%100
4	M53	Z	3.461	3.461	0	%100
5	M54	X	-1.998	-1.998	0	%100
6	M54	Z	3.461	3.461	0	%100
7	M62	X	-.672	-.672	0	%100
8	M62	Z	1.163	1.163	0	%100
9	M63	X	-.737	-.737	0	%100
10	M63	Z	1.277	1.277	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-1.459	-1.459	0	%100
14	M67	Z	2.528	2.528	0	%100
15	M200	X	-1.772	-1.772	0	%100
16	M200	Z	3.07	3.07	0	%100
17	M186A	X	-1.481	-1.481	0	%100
18	M186A	Z	2.566	2.566	0	%100
19	MP4A	X	-1.975	-1.975	0	%100
20	MP4A	Z	3.421	3.421	0	%100
21	MP3A	X	-1.975	-1.975	0	%100
22	MP3A	Z	3.421	3.421	0	%100
23	MP2A	X	-1.975	-1.975	0	%100
24	MP2A	Z	3.421	3.421	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,%]
25	MP1A	X	-1.975	-1.975	0	%100
26	MP1A	Z	3.421	3.421	0	%100
27	M37	X	-1.799	-1.799	0	%100
28	M37	Z	3.116	3.116	0	%100
29	M38	X	-1.799	-1.799	0	%100
30	M38	Z	3.116	3.116	0	%100
31	M40	X	-1.9	-1.9	0	%100
32	M40	Z	3.29	3.29	0	%100
33	M95	X	-1.772	-1.772	0	%100
34	M95	Z	3.07	3.07	0	%100
35	M100	X	-1.481	-1.481	0	%100
36	M100	Z	2.566	2.566	0	%100
37	MP4C	X	-1.975	-1.975	0	%100
38	MP4C	Z	3.421	3.421	0	%100
39	MP3C	X	-1.975	-1.975	0	%100
40	MP3C	Z	3.421	3.421	0	%100
41	MP2C	X	-1.975	-1.975	0	%100
42	MP2C	Z	3.421	3.421	0	%100
43	MP1C	X	-1.975	-1.975	0	%100
44	MP1C	Z	3.421	3.421	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	-1.975	-1.975	0	%100
50	MP4B	Z	3.421	3.421	0	%100
51	MP3B	X	-1.975	-1.975	0	%100
52	MP3B	Z	3.421	3.421	0	%100
53	MP2B	X	-1.975	-1.975	0	%100
54	MP2B	Z	3.421	3.421	0	%100
55	MP1B	X	-1.975	-1.975	0	%100
56	MP1B	Z	3.421	3.421	0	%100
57	M71	X	-.707	-.707	0	%100
58	M71	Z	1.225	1.225	0	%100
59	M76	X	-1.998	-1.998	0	%100
60	M76	Z	3.461	3.461	0	%100
61	M77	X	-1.998	-1.998	0	%100
62	M77	Z	3.461	3.461	0	%100
63	M85	X	-.672	-.672	0	%100
64	M85	Z	1.163	1.163	0	%100
65	M86	X	-.737	-.737	0	%100
66	M86	Z	1.277	1.277	0	%100
67	M87	X	-1.459	-1.459	0	%100
68	M87	Z	2.528	2.528	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-1.799	-1.799	0	%100
72	M91	Z	3.116	3.116	0	%100
73	M92	X	-1.799	-1.799	0	%100
74	M92	Z	3.116	3.116	0	%100
75	M97A	X	-2.829	-2.829	0	%100
76	M97A	Z	4.899	4.899	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	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,%]
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-1.459	-1.459	0	%100
86	M113A	Z	2.528	2.528	0	%100
87	M114A	X	-1.459	-1.459	0	%100
88	M114A	Z	2.528	2.528	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-1.82	-1.82	0	%100
94	M120A	Z	3.153	3.153	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	-1.82	-1.82	0	%100
98	M122A	Z	3.153	3.153	0	%100
99	M124	X	-2.677	-2.677	0	%100
100	M124	Z	4.636	4.636	0	%100
101	M126	X	-2.677	-2.677	0	%100
102	M126	Z	4.636	4.636	0	%100
103	M128	X	-2.876	-2.876	0	%100
104	M128	Z	4.982	4.982	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	M48	X	-3.675	-3.675	0	%100
2	M48	Z	2.122	2.122	0	%100
3	M53	X	-1.154	-1.154	0	%100
4	M53	Z	.666	.666	0	%100
5	M54	X	-1.154	-1.154	0	%100
6	M54	Z	.666	.666	0	%100
7	M62	X	-.388	-.388	0	%100
8	M62	Z	.224	.224	0	%100
9	M63	X	-.426	-.426	0	%100
10	M63	Z	.246	.246	0	%100
11	M66	X	-.843	-.843	0	%100
12	M66	Z	.486	.486	0	%100
13	M67	X	-3.37	-3.37	0	%100
14	M67	Z	1.946	1.946	0	%100
15	M200	X	-1.023	-1.023	0	%100
16	M200	Z	.591	.591	0	%100
17	M186A	X	-.855	-.855	0	%100
18	M186A	Z	.494	.494	0	%100
19	MP4A	X	-3.421	-3.421	0	%100
20	MP4A	Z	1.975	1.975	0	%100
21	MP3A	X	-3.421	-3.421	0	%100
22	MP3A	Z	1.975	1.975	0	%100
23	MP2A	X	-3.421	-3.421	0	%100
24	MP2A	Z	1.975	1.975	0	%100
25	MP1A	X	-3.421	-3.421	0	%100
26	MP1A	Z	1.975	1.975	0	%100
27	M37	X	-1.038	-1.038	0	%100
28	M37	Z	.6	.6	0	%100
29	M38	X	-1.039	-1.039	0	%100
30	M38	Z	.6	.6	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,%]
31	M40	X	-3.29	-3.29	0	%100
32	M40	Z	1.9	1.9	0	%100
33	M95	X	-4.093	-4.093	0	%100
34	M95	Z	2.363	2.363	0	%100
35	M100	X	-3.421	-3.421	0	%100
36	M100	Z	1.975	1.975	0	%100
37	MP4C	X	-3.421	-3.421	0	%100
38	MP4C	Z	1.975	1.975	0	%100
39	MP3C	X	-3.421	-3.421	0	%100
40	MP3C	Z	1.975	1.975	0	%100
41	MP2C	X	-3.421	-3.421	0	%100
42	MP2C	Z	1.975	1.975	0	%100
43	MP1C	X	-3.421	-3.421	0	%100
44	MP1C	Z	1.975	1.975	0	%100
45	M109	X	-1.023	-1.023	0	%100
46	M109	Z	.591	.591	0	%100
47	M114	X	-.855	-.855	0	%100
48	M114	Z	.494	.494	0	%100
49	MP4B	X	-3.421	-3.421	0	%100
50	MP4B	Z	1.975	1.975	0	%100
51	MP3B	X	-3.421	-3.421	0	%100
52	MP3B	Z	1.975	1.975	0	%100
53	MP2B	X	-3.421	-3.421	0	%100
54	MP2B	Z	1.975	1.975	0	%100
55	MP1B	X	-3.421	-3.421	0	%100
56	MP1B	Z	1.975	1.975	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	-4.615	-4.615	0	%100
60	M76	Z	2.664	2.664	0	%100
61	M77	X	-4.615	-4.615	0	%100
62	M77	Z	2.664	2.664	0	%100
63	M85	X	-1.551	-1.551	0	%100
64	M85	Z	.895	.895	0	%100
65	M86	X	-1.703	-1.703	0	%100
66	M86	Z	.983	.983	0	%100
67	M87	X	-.843	-.843	0	%100
68	M87	Z	.486	.486	0	%100
69	M88	X	-.843	-.843	0	%100
70	M88	Z	.486	.486	0	%100
71	M91	X	-4.154	-4.154	0	%100
72	M91	Z	2.398	2.398	0	%100
73	M92	X	-4.154	-4.154	0	%100
74	M92	Z	2.398	2.398	0	%100
75	M97A	X	-3.675	-3.675	0	%100
76	M97A	Z	2.122	2.122	0	%100
77	M102A	X	-1.154	-1.154	0	%100
78	M102A	Z	.666	.666	0	%100
79	M103A	X	-1.154	-1.154	0	%100
80	M103A	Z	.666	.666	0	%100
81	M111B	X	-.388	-.388	0	%100
82	M111B	Z	.224	.224	0	%100
83	M112A	X	-.426	-.426	0	%100
84	M112A	Z	.246	.246	0	%100
85	M113A	X	-3.37	-3.37	0	%100
86	M113A	Z	1.946	1.946	0	%100
87	M114A	X	-.843	-.843	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,%]
88	M114A	Z	.486	.486	0	%100
89	M117A	X	-1.039	-1.039	0	%100
90	M117A	Z	.6	.6	0	%100
91	M118A	X	-1.039	-1.039	0	%100
92	M118A	Z	.6	.6	0	%100
93	M120A	X	-4.204	-4.204	0	%100
94	M120A	Z	2.427	2.427	0	%100
95	M121A	X	-1.051	-1.051	0	%100
96	M121A	Z	.607	.607	0	%100
97	M122A	X	-1.051	-1.051	0	%100
98	M122A	Z	.607	.607	0	%100
99	M124	X	-4.867	-4.867	0	%100
100	M124	Z	2.81	2.81	0	%100
101	M126	X	-4.521	-4.521	0	%100
102	M126	Z	2.61	2.61	0	%100
103	M128	X	-4.867	-4.867	0	%100
104	M128	Z	2.81	2.81	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	M48	X	-5.657	-5.657	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-2.919	-2.919	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-2.919	-2.919	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	-3.95	-3.95	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	-3.95	-3.95	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	-3.95	-3.95	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	-3.95	-3.95	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	-3.799	-3.799	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	-3.544	-3.544	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	-2.962	-2.962	0	%100
36	M100	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP4C	X	-3.95	-3.95	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	-3.95	-3.95	0	%100
40	MP3C	Z	0	0	0	%100
41	MP2C	X	-3.95	-3.95	0	%100
42	MP2C	Z	0	0	0	%100
43	MP1C	X	-3.95	-3.95	0	%100
44	MP1C	Z	0	0	0	%100
45	M109	X	-3.544	-3.544	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	-2.962	-2.962	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	-3.95	-3.95	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	-3.95	-3.95	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	-3.95	-3.95	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	-3.95	-3.95	0	%100
56	MP1B	Z	0	0	0	%100
57	M71	X	-1.414	-1.414	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	-3.996	-3.996	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	-3.996	-3.996	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	-1.343	-1.343	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	-1.475	-1.475	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	-2.919	-2.919	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-3.598	-3.598	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	-3.598	-3.598	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-1.414	-1.414	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-3.996	-3.996	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	-3.996	-3.996	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	-1.343	-1.343	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	-1.475	-1.475	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-2.919	-2.919	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	-3.598	-3.598	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	-3.598	-3.598	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-3.641	-3.641	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M120A	Z	0	0	0	%100
95	M121A	X	-3.641	-3.641	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	-5.752	-5.752	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	-5.353	-5.353	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	-5.353	-5.353	0	%100
104	M128	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	M48	X	-3.675	-3.675	0	%100
2	M48	Z	-2.122	-2.122	0	%100
3	M53	X	-1.154	-1.154	0	%100
4	M53	Z	-.666	-.666	0	%100
5	M54	X	-1.154	-1.154	0	%100
6	M54	Z	-.666	-.666	0	%100
7	M62	X	-.388	-.388	0	%100
8	M62	Z	-.224	-.224	0	%100
9	M63	X	-.426	-.426	0	%100
10	M63	Z	-.246	-.246	0	%100
11	M66	X	-3.37	-3.37	0	%100
12	M66	Z	-1.946	-1.946	0	%100
13	M67	X	-.843	-.843	0	%100
14	M67	Z	-.486	-.486	0	%100
15	M200	X	-1.023	-1.023	0	%100
16	M200	Z	-.591	-.591	0	%100
17	M186A	X	-.855	-.855	0	%100
18	M186A	Z	-.494	-.494	0	%100
19	MP4A	X	-3.421	-3.421	0	%100
20	MP4A	Z	-1.975	-1.975	0	%100
21	MP3A	X	-3.421	-3.421	0	%100
22	MP3A	Z	-1.975	-1.975	0	%100
23	MP2A	X	-3.421	-3.421	0	%100
24	MP2A	Z	-1.975	-1.975	0	%100
25	MP1A	X	-3.421	-3.421	0	%100
26	MP1A	Z	-1.975	-1.975	0	%100
27	M37	X	-1.039	-1.039	0	%100
28	M37	Z	-.6	-.6	0	%100
29	M38	X	-1.039	-1.039	0	%100
30	M38	Z	-.6	-.6	0	%100
31	M40	X	-3.29	-3.29	0	%100
32	M40	Z	-1.9	-1.9	0	%100
33	M95	X	-1.023	-1.023	0	%100
34	M95	Z	-.591	-.591	0	%100
35	M100	X	-.855	-.855	0	%100
36	M100	Z	-.494	-.494	0	%100
37	MP4C	X	-3.421	-3.421	0	%100
38	MP4C	Z	-1.975	-1.975	0	%100
39	MP3C	X	-3.421	-3.421	0	%100
40	MP3C	Z	-1.975	-1.975	0	%100
41	MP2C	X	-3.421	-3.421	0	%100
42	MP2C	Z	-1.975	-1.975	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,%]
43	MP1C	X	-3.421	-3.421	0	%100
44	MP1C	Z	-1.975	-1.975	0	%100
45	M109	X	-4.093	-4.093	0	%100
46	M109	Z	-2.363	-2.363	0	%100
47	M114	X	-3.421	-3.421	0	%100
48	M114	Z	-1.975	-1.975	0	%100
49	MP4B	X	-3.421	-3.421	0	%100
50	MP4B	Z	-1.975	-1.975	0	%100
51	MP3B	X	-3.421	-3.421	0	%100
52	MP3B	Z	-1.975	-1.975	0	%100
53	MP2B	X	-3.421	-3.421	0	%100
54	MP2B	Z	-1.975	-1.975	0	%100
55	MP1B	X	-3.421	-3.421	0	%100
56	MP1B	Z	-1.975	-1.975	0	%100
57	M71	X	-3.675	-3.675	0	%100
58	M71	Z	-2.122	-2.122	0	%100
59	M76	X	-1.154	-1.154	0	%100
60	M76	Z	-.666	-.666	0	%100
61	M77	X	-1.154	-1.154	0	%100
62	M77	Z	-.666	-.666	0	%100
63	M85	X	-.388	-.388	0	%100
64	M85	Z	-.224	-.224	0	%100
65	M86	X	-.426	-.426	0	%100
66	M86	Z	-.246	-.246	0	%100
67	M87	X	-.843	-.843	0	%100
68	M87	Z	-.486	-.486	0	%100
69	M88	X	-3.37	-3.37	0	%100
70	M88	Z	-1.946	-1.946	0	%100
71	M91	X	-1.038	-1.038	0	%100
72	M91	Z	-.6	-.6	0	%100
73	M92	X	-1.039	-1.039	0	%100
74	M92	Z	-.6	-.6	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-4.615	-4.615	0	%100
78	M102A	Z	-2.664	-2.664	0	%100
79	M103A	X	-4.615	-4.615	0	%100
80	M103A	Z	-2.664	-2.664	0	%100
81	M111B	X	-1.551	-1.551	0	%100
82	M111B	Z	-.895	-.895	0	%100
83	M112A	X	-1.703	-1.703	0	%100
84	M112A	Z	-.983	-.983	0	%100
85	M113A	X	-.843	-.843	0	%100
86	M113A	Z	-.486	-.486	0	%100
87	M114A	X	-.843	-.843	0	%100
88	M114A	Z	-.486	-.486	0	%100
89	M117A	X	-4.154	-4.154	0	%100
90	M117A	Z	-2.398	-2.398	0	%100
91	M118A	X	-4.154	-4.154	0	%100
92	M118A	Z	-2.398	-2.398	0	%100
93	M120A	X	-1.051	-1.051	0	%100
94	M120A	Z	-.607	-.607	0	%100
95	M121A	X	-4.204	-4.204	0	%100
96	M121A	Z	-2.427	-2.427	0	%100
97	M122A	X	-1.051	-1.051	0	%100
98	M122A	Z	-.607	-.607	0	%100
99	M124	X	-4.867	-4.867	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,%]
100	M124	Z	-2.81	-2.81	0	%100
101	M126	X	-4.867	-4.867	0	%100
102	M126	Z	-2.81	-2.81	0	%100
103	M128	X	-4.521	-4.521	0	%100
104	M128	Z	-2.61	-2.61	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	M48	X	-.707	-.707	0	%100
2	M48	Z	-1.225	-1.225	0	%100
3	M53	X	-1.998	-1.998	0	%100
4	M53	Z	-3.461	-3.461	0	%100
5	M54	X	-1.998	-1.998	0	%100
6	M54	Z	-3.461	-3.461	0	%100
7	M62	X	-.672	-.672	0	%100
8	M62	Z	-1.163	-1.163	0	%100
9	M63	X	-.737	-.737	0	%100
10	M63	Z	-1.277	-1.277	0	%100
11	M66	X	-1.459	-1.459	0	%100
12	M66	Z	-2.528	-2.528	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-1.772	-1.772	0	%100
16	M200	Z	-3.07	-3.07	0	%100
17	M186A	X	-1.481	-1.481	0	%100
18	M186A	Z	-2.566	-2.566	0	%100
19	MP4A	X	-1.975	-1.975	0	%100
20	MP4A	Z	-3.421	-3.421	0	%100
21	MP3A	X	-1.975	-1.975	0	%100
22	MP3A	Z	-3.421	-3.421	0	%100
23	MP2A	X	-1.975	-1.975	0	%100
24	MP2A	Z	-3.421	-3.421	0	%100
25	MP1A	X	-1.975	-1.975	0	%100
26	MP1A	Z	-3.421	-3.421	0	%100
27	M37	X	-1.799	-1.799	0	%100
28	M37	Z	-3.116	-3.116	0	%100
29	M38	X	-1.799	-1.799	0	%100
30	M38	Z	-3.116	-3.116	0	%100
31	M40	X	-1.9	-1.9	0	%100
32	M40	Z	-3.29	-3.29	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	-1.975	-1.975	0	%100
38	MP4C	Z	-3.421	-3.421	0	%100
39	MP3C	X	-1.975	-1.975	0	%100
40	MP3C	Z	-3.421	-3.421	0	%100
41	MP2C	X	-1.975	-1.975	0	%100
42	MP2C	Z	-3.421	-3.421	0	%100
43	MP1C	X	-1.975	-1.975	0	%100
44	MP1C	Z	-3.421	-3.421	0	%100
45	M109	X	-1.772	-1.772	0	%100
46	M109	Z	-3.07	-3.07	0	%100
47	M114	X	-1.481	-1.481	0	%100
48	M114	Z	-2.566	-2.566	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,%]
49	MP4B	X	-1.975	-1.975	0	%100
50	MP4B	Z	-3.421	-3.421	0	%100
51	MP3B	X	-1.975	-1.975	0	%100
52	MP3B	Z	-3.421	-3.421	0	%100
53	MP2B	X	-1.975	-1.975	0	%100
54	MP2B	Z	-3.421	-3.421	0	%100
55	MP1B	X	-1.975	-1.975	0	%100
56	MP1B	Z	-3.421	-3.421	0	%100
57	M71	X	-2.829	-2.829	0	%100
58	M71	Z	-4.899	-4.899	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	-1.459	-1.459	0	%100
68	M87	Z	-2.528	-2.528	0	%100
69	M88	X	-1.459	-1.459	0	%100
70	M88	Z	-2.528	-2.528	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-.707	-.707	0	%100
76	M97A	Z	-1.225	-1.225	0	%100
77	M102A	X	-1.998	-1.998	0	%100
78	M102A	Z	-3.461	-3.461	0	%100
79	M103A	X	-1.998	-1.998	0	%100
80	M103A	Z	-3.461	-3.461	0	%100
81	M111B	X	-.672	-.672	0	%100
82	M111B	Z	-1.163	-1.163	0	%100
83	M112A	X	-.737	-.737	0	%100
84	M112A	Z	-1.277	-1.277	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	-1.459	-1.459	0	%100
88	M114A	Z	-2.528	-2.528	0	%100
89	M117A	X	-1.799	-1.799	0	%100
90	M117A	Z	-3.116	-3.116	0	%100
91	M118A	X	-1.799	-1.799	0	%100
92	M118A	Z	-3.116	-3.116	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-1.82	-1.82	0	%100
96	M121A	Z	-3.153	-3.153	0	%100
97	M122A	X	-1.82	-1.82	0	%100
98	M122A	Z	-3.153	-3.153	0	%100
99	M124	X	-2.677	-2.677	0	%100
100	M124	Z	-4.636	-4.636	0	%100
101	M126	X	-2.876	-2.876	0	%100
102	M126	Z	-4.982	-4.982	0	%100
103	M128	X	-2.677	-2.677	0	%100
104	M128	Z	-4.636	-4.636	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-1.356	-1.356	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-1.356	-1.356	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-.082	-.082	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-.092	-.092	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-.191	-.191	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-.191	-.191	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-.869	-.869	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	-.59	-.59	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-.59	-.59	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-.59	-.59	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-.59	-.59	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-.59	-.59	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	-1.241	-1.241	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	-1.241	-1.241	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	-.59	-.59	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	-.217	-.217	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-.147	-.147	0	%100
37	MP4C	X	0	0	0	%100
38	MP4C	Z	-.59	-.59	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	-.59	-.59	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-.59	-.59	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	-.59	-.59	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	-.217	-.217	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	-.147	-.147	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	-.59	-.59	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	-.59	-.59	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	-.59	-.59	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	-.59	-.59	0	%100
57	M71	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,%]
58	M71	Z	-.953	-.953	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	-.339	-.339	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	-.339	-.339	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	-.021	-.021	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	-.023	-.023	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	-.766	-.766	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	-.191	-.191	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	-.31	-.31	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	-.31	-.31	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	-.953	-.953	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	-.339	-.339	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	-.339	-.339	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	-.021	-.021	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	-.023	-.023	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	-.191	-.191	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	-.766	-.766	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	-.31	-.31	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	-.31	-.31	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	-.311	-.311	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	-.311	-.311	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	-1.243	-1.243	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	-1.349	-1.349	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	-1.268	-1.268	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	-1.268	-1.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	.159	.159	0	%100
2	M48	Z	-.275	-.275	0	%100
3	M53	X	.509	.509	0	%100
4	M53	Z	-.881	-.881	0	%100
5	M54	X	.509	.509	0	%100
6	M54	Z	-.881	-.881	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,%]
7	M62	X	.031	.031	0	%100
8	M62	Z	-.053	-.053	0	%100
9	M63	X	.034	.034	0	%100
10	M63	Z	-.06	-.06	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	.287	.287	0	%100
14	M67	Z	-.497	-.497	0	%100
15	M200	X	.326	.326	0	%100
16	M200	Z	-.564	-.564	0	%100
17	M186A	X	.221	.221	0	%100
18	M186A	Z	-.383	-.383	0	%100
19	MP4A	X	.295	.295	0	%100
20	MP4A	Z	-.511	-.511	0	%100
21	MP3A	X	.295	.295	0	%100
22	MP3A	Z	-.511	-.511	0	%100
23	MP2A	X	.295	.295	0	%100
24	MP2A	Z	-.511	-.511	0	%100
25	MP1A	X	.295	.295	0	%100
26	MP1A	Z	-.511	-.511	0	%100
27	M37	X	.465	.465	0	%100
28	M37	Z	-.806	-.806	0	%100
29	M38	X	.466	.466	0	%100
30	M38	Z	-.806	-.806	0	%100
31	M40	X	.295	.295	0	%100
32	M40	Z	-.511	-.511	0	%100
33	M95	X	.326	.326	0	%100
34	M95	Z	-.564	-.564	0	%100
35	M100	X	.221	.221	0	%100
36	M100	Z	-.383	-.383	0	%100
37	MP4C	X	.295	.295	0	%100
38	MP4C	Z	-.511	-.511	0	%100
39	MP3C	X	.295	.295	0	%100
40	MP3C	Z	-.511	-.511	0	%100
41	MP2C	X	.295	.295	0	%100
42	MP2C	Z	-.511	-.511	0	%100
43	MP1C	X	.295	.295	0	%100
44	MP1C	Z	-.511	-.511	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	.295	.295	0	%100
50	MP4B	Z	-.511	-.511	0	%100
51	MP3B	X	.295	.295	0	%100
52	MP3B	Z	-.511	-.511	0	%100
53	MP2B	X	.295	.295	0	%100
54	MP2B	Z	-.511	-.511	0	%100
55	MP1B	X	.295	.295	0	%100
56	MP1B	Z	-.511	-.511	0	%100
57	M71	X	.159	.159	0	%100
58	M71	Z	-.275	-.275	0	%100
59	M76	X	.509	.509	0	%100
60	M76	Z	-.881	-.881	0	%100
61	M77	X	.509	.509	0	%100
62	M77	Z	-.881	-.881	0	%100
63	M85	X	.031	.031	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,%]
64	M85	Z	-.053	-.053	0	%100
65	M86	X	.034	.034	0	%100
66	M86	Z	-.06	-.06	0	%100
67	M87	X	.287	.287	0	%100
68	M87	Z	-.497	-.497	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	.466	.466	0	%100
72	M91	Z	-.806	-.806	0	%100
73	M92	X	.466	.466	0	%100
74	M92	Z	-.806	-.806	0	%100
75	M97A	X	.635	.635	0	%100
76	M97A	Z	-1.1	-1.1	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	.287	.287	0	%100
86	M113A	Z	-.497	-.497	0	%100
87	M114A	X	.287	.287	0	%100
88	M114A	Z	-.497	-.497	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	.466	.466	0	%100
94	M120A	Z	-.807	-.807	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	.466	.466	0	%100
98	M122A	Z	-.807	-.807	0	%100
99	M124	X	.661	.661	0	%100
100	M124	Z	-1.145	-1.145	0	%100
101	M126	X	.661	.661	0	%100
102	M126	Z	-1.145	-1.145	0	%100
103	M128	X	.621	.621	0	%100
104	M128	Z	-1.075	-1.075	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	M48	X	.825	.825	0	%100
2	M48	Z	-.476	-.476	0	%100
3	M53	X	.294	.294	0	%100
4	M53	Z	-.17	-.17	0	%100
5	M54	X	.294	.294	0	%100
6	M54	Z	-.17	-.17	0	%100
7	M62	X	.018	.018	0	%100
8	M62	Z	-.01	-.01	0	%100
9	M63	X	.02	.02	0	%100
10	M63	Z	-.011	-.011	0	%100
11	M66	X	.166	.166	0	%100
12	M66	Z	-.096	-.096	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,%]
13	M67	X	.663	.663	0	%100
14	M67	Z	-.383	-.383	0	%100
15	M200	X	.188	.188	0	%100
16	M200	Z	-.109	-.109	0	%100
17	M186A	X	.128	.128	0	%100
18	M186A	Z	-.074	-.074	0	%100
19	MP4A	X	.511	.511	0	%100
20	MP4A	Z	-.295	-.295	0	%100
21	MP3A	X	.511	.511	0	%100
22	MP3A	Z	-.295	-.295	0	%100
23	MP2A	X	.511	.511	0	%100
24	MP2A	Z	-.295	-.295	0	%100
25	MP1A	X	.511	.511	0	%100
26	MP1A	Z	-.295	-.295	0	%100
27	M37	X	.269	.269	0	%100
28	M37	Z	-.155	-.155	0	%100
29	M38	X	.269	.269	0	%100
30	M38	Z	-.155	-.155	0	%100
31	M40	X	.511	.511	0	%100
32	M40	Z	-.295	-.295	0	%100
33	M95	X	.753	.753	0	%100
34	M95	Z	-.434	-.434	0	%100
35	M100	X	.511	.511	0	%100
36	M100	Z	-.295	-.295	0	%100
37	MP4C	X	.511	.511	0	%100
38	MP4C	Z	-.295	-.295	0	%100
39	MP3C	X	.511	.511	0	%100
40	MP3C	Z	-.295	-.295	0	%100
41	MP2C	X	.511	.511	0	%100
42	MP2C	Z	-.295	-.295	0	%100
43	MP1C	X	.511	.511	0	%100
44	MP1C	Z	-.295	-.295	0	%100
45	M109	X	.188	.188	0	%100
46	M109	Z	-.109	-.109	0	%100
47	M114	X	.128	.128	0	%100
48	M114	Z	-.074	-.074	0	%100
49	MP4B	X	.511	.511	0	%100
50	MP4B	Z	-.295	-.295	0	%100
51	MP3B	X	.511	.511	0	%100
52	MP3B	Z	-.295	-.295	0	%100
53	MP2B	X	.511	.511	0	%100
54	MP2B	Z	-.295	-.295	0	%100
55	MP1B	X	.511	.511	0	%100
56	MP1B	Z	-.295	-.295	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	1.175	1.175	0	%100
60	M76	Z	-.678	-.678	0	%100
61	M77	X	1.175	1.175	0	%100
62	M77	Z	-.678	-.678	0	%100
63	M85	X	.071	.071	0	%100
64	M85	Z	-.041	-.041	0	%100
65	M86	X	.08	.08	0	%100
66	M86	Z	-.046	-.046	0	%100
67	M87	X	.166	.166	0	%100
68	M87	Z	-.096	-.096	0	%100
69	M88	X	.166	.166	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,%]
70	M88	Z	-.096	-.096	0	%100
71	M91	X	1.075	1.075	0	%100
72	M91	Z	-.621	-.621	0	%100
73	M92	X	1.075	1.075	0	%100
74	M92	Z	-.621	-.621	0	%100
75	M97A	X	.825	.825	0	%100
76	M97A	Z	-.476	-.476	0	%100
77	M102A	X	.294	.294	0	%100
78	M102A	Z	-.17	-.17	0	%100
79	M103A	X	.294	.294	0	%100
80	M103A	Z	-.17	-.17	0	%100
81	M111B	X	.018	.018	0	%100
82	M111B	Z	-.01	-.01	0	%100
83	M112A	X	.02	.02	0	%100
84	M112A	Z	-.011	-.011	0	%100
85	M113A	X	.663	.663	0	%100
86	M113A	Z	-.383	-.383	0	%100
87	M114A	X	.166	.166	0	%100
88	M114A	Z	-.096	-.096	0	%100
89	M117A	X	.269	.269	0	%100
90	M117A	Z	-.155	-.155	0	%100
91	M118A	X	.269	.269	0	%100
92	M118A	Z	-.155	-.155	0	%100
93	M120A	X	1.076	1.076	0	%100
94	M120A	Z	-.621	-.621	0	%100
95	M121A	X	.269	.269	0	%100
96	M121A	Z	-.155	-.155	0	%100
97	M122A	X	.269	.269	0	%100
98	M122A	Z	-.155	-.155	0	%100
99	M124	X	1.098	1.098	0	%100
100	M124	Z	-.634	-.634	0	%100
101	M126	X	1.169	1.169	0	%100
102	M126	Z	-.675	-.675	0	%100
103	M128	X	1.098	1.098	0	%100
104	M128	Z	-.634	-.634	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	1.27	1.27	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	.574	.574	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	.574	.574	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	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,%]
19	MP4A	X	.59	.59	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	.59	.59	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	.59	.59	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	.59	.59	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	.59	.59	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	.652	.652	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	.442	.442	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	.59	.59	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	.59	.59	0	%100
40	MP3C	Z	0	0	0	%100
41	MP2C	X	.59	.59	0	%100
42	MP2C	Z	0	0	0	%100
43	MP1C	X	.59	.59	0	%100
44	MP1C	Z	0	0	0	%100
45	M109	X	.652	.652	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	.442	.442	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	.59	.59	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	.59	.59	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	.59	.59	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	.59	.59	0	%100
56	MP1B	Z	0	0	0	%100
57	M71	X	.318	.318	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	1.017	1.017	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	1.017	1.017	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	.062	.062	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	.069	.069	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	.574	.574	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	.931	.931	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	.931	.931	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	.318	.318	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,%]
76	M97A	Z	0	0	0	%100
77	M102A	X	1.017	1.017	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	1.017	1.017	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	.062	.062	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	.069	.069	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	.574	.574	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	.931	.931	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	.931	.931	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	.932	.932	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	.932	.932	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	1.241	1.241	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	1.322	1.322	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	1.322	1.322	0	%100
104	M128	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	M48	X	.825	.825	0	%100
2	M48	Z	.476	.476	0	%100
3	M53	X	.294	.294	0	%100
4	M53	Z	.17	.17	0	%100
5	M54	X	.294	.294	0	%100
6	M54	Z	.17	.17	0	%100
7	M62	X	.018	.018	0	%100
8	M62	Z	.01	.01	0	%100
9	M63	X	.02	.02	0	%100
10	M63	Z	.011	.011	0	%100
11	M66	X	.663	.663	0	%100
12	M66	Z	.383	.383	0	%100
13	M67	X	.166	.166	0	%100
14	M67	Z	.096	.096	0	%100
15	M200	X	.188	.188	0	%100
16	M200	Z	.109	.109	0	%100
17	M186A	X	.128	.128	0	%100
18	M186A	Z	.074	.074	0	%100
19	MP4A	X	.511	.511	0	%100
20	MP4A	Z	.295	.295	0	%100
21	MP3A	X	.511	.511	0	%100
22	MP3A	Z	.295	.295	0	%100
23	MP2A	X	.511	.511	0	%100
24	MP2A	Z	.295	.295	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,%]
25	MP1A	X	.511	.511	0	%100
26	MP1A	Z	.295	.295	0	%100
27	M37	X	.269	.269	0	%100
28	M37	Z	.155	.155	0	%100
29	M38	X	.269	.269	0	%100
30	M38	Z	.155	.155	0	%100
31	M40	X	.511	.511	0	%100
32	M40	Z	.295	.295	0	%100
33	M95	X	.188	.188	0	%100
34	M95	Z	.109	.109	0	%100
35	M100	X	.128	.128	0	%100
36	M100	Z	.074	.074	0	%100
37	MP4C	X	.511	.511	0	%100
38	MP4C	Z	.295	.295	0	%100
39	MP3C	X	.511	.511	0	%100
40	MP3C	Z	.295	.295	0	%100
41	MP2C	X	.511	.511	0	%100
42	MP2C	Z	.295	.295	0	%100
43	MP1C	X	.511	.511	0	%100
44	MP1C	Z	.295	.295	0	%100
45	M109	X	.753	.753	0	%100
46	M109	Z	.434	.434	0	%100
47	M114	X	.511	.511	0	%100
48	M114	Z	.295	.295	0	%100
49	MP4B	X	.511	.511	0	%100
50	MP4B	Z	.295	.295	0	%100
51	MP3B	X	.511	.511	0	%100
52	MP3B	Z	.295	.295	0	%100
53	MP2B	X	.511	.511	0	%100
54	MP2B	Z	.295	.295	0	%100
55	MP1B	X	.511	.511	0	%100
56	MP1B	Z	.295	.295	0	%100
57	M71	X	.825	.825	0	%100
58	M71	Z	.476	.476	0	%100
59	M76	X	.294	.294	0	%100
60	M76	Z	.17	.17	0	%100
61	M77	X	.294	.294	0	%100
62	M77	Z	.17	.17	0	%100
63	M85	X	.018	.018	0	%100
64	M85	Z	.01	.01	0	%100
65	M86	X	.02	.02	0	%100
66	M86	Z	.011	.011	0	%100
67	M87	X	.166	.166	0	%100
68	M87	Z	.096	.096	0	%100
69	M88	X	.663	.663	0	%100
70	M88	Z	.383	.383	0	%100
71	M91	X	.269	.269	0	%100
72	M91	Z	.155	.155	0	%100
73	M92	X	.269	.269	0	%100
74	M92	Z	.155	.155	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	1.175	1.175	0	%100
78	M102A	Z	.678	.678	0	%100
79	M103A	X	1.175	1.175	0	%100
80	M103A	Z	.678	.678	0	%100
81	M111B	X	.071	.071	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	M111B	Z	.041	.041	0	%100
83	M112A	X	.08	.08	0	%100
84	M112A	Z	.046	.046	0	%100
85	M113A	X	.166	.166	0	%100
86	M113A	Z	.096	.096	0	%100
87	M114A	X	.166	.166	0	%100
88	M114A	Z	.096	.096	0	%100
89	M117A	X	1.075	1.075	0	%100
90	M117A	Z	.621	.621	0	%100
91	M118A	X	1.075	1.075	0	%100
92	M118A	Z	.621	.621	0	%100
93	M120A	X	.269	.269	0	%100
94	M120A	Z	.155	.155	0	%100
95	M121A	X	1.076	1.076	0	%100
96	M121A	Z	.621	.621	0	%100
97	M122A	X	.269	.269	0	%100
98	M122A	Z	.155	.155	0	%100
99	M124	X	1.098	1.098	0	%100
100	M124	Z	.634	.634	0	%100
101	M126	X	1.098	1.098	0	%100
102	M126	Z	.634	.634	0	%100
103	M128	X	1.169	1.169	0	%100
104	M128	Z	.675	.675	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	M48	X	.159	.159	0	%100
2	M48	Z	.275	.275	0	%100
3	M53	X	.509	.509	0	%100
4	M53	Z	.881	.881	0	%100
5	M54	X	.509	.509	0	%100
6	M54	Z	.881	.881	0	%100
7	M62	X	.031	.031	0	%100
8	M62	Z	.053	.053	0	%100
9	M63	X	.034	.034	0	%100
10	M63	Z	.06	.06	0	%100
11	M66	X	.287	.287	0	%100
12	M66	Z	.497	.497	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	.326	.326	0	%100
16	M200	Z	.564	.564	0	%100
17	M186A	X	.221	.221	0	%100
18	M186A	Z	.383	.383	0	%100
19	MP4A	X	.295	.295	0	%100
20	MP4A	Z	.511	.511	0	%100
21	MP3A	X	.295	.295	0	%100
22	MP3A	Z	.511	.511	0	%100
23	MP2A	X	.295	.295	0	%100
24	MP2A	Z	.511	.511	0	%100
25	MP1A	X	.295	.295	0	%100
26	MP1A	Z	.511	.511	0	%100
27	M37	X	.466	.466	0	%100
28	M37	Z	.806	.806	0	%100
29	M38	X	.466	.466	0	%100
30	M38	Z	.806	.806	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,%]
31	M40	X	.295	.295	0	%100
32	M40	Z	.511	.511	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	.295	.295	0	%100
38	MP4C	Z	.511	.511	0	%100
39	MP3C	X	.295	.295	0	%100
40	MP3C	Z	.511	.511	0	%100
41	MP2C	X	.295	.295	0	%100
42	MP2C	Z	.511	.511	0	%100
43	MP1C	X	.295	.295	0	%100
44	MP1C	Z	.511	.511	0	%100
45	M109	X	.326	.326	0	%100
46	M109	Z	.564	.564	0	%100
47	M114	X	.221	.221	0	%100
48	M114	Z	.383	.383	0	%100
49	MP4B	X	.295	.295	0	%100
50	MP4B	Z	.511	.511	0	%100
51	MP3B	X	.295	.295	0	%100
52	MP3B	Z	.511	.511	0	%100
53	MP2B	X	.295	.295	0	%100
54	MP2B	Z	.511	.511	0	%100
55	MP1B	X	.295	.295	0	%100
56	MP1B	Z	.511	.511	0	%100
57	M71	X	.635	.635	0	%100
58	M71	Z	1.1	1.1	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	.287	.287	0	%100
68	M87	Z	.497	.497	0	%100
69	M88	X	.287	.287	0	%100
70	M88	Z	.497	.497	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	.159	.159	0	%100
76	M97A	Z	.275	.275	0	%100
77	M102A	X	.509	.509	0	%100
78	M102A	Z	.881	.881	0	%100
79	M103A	X	.509	.509	0	%100
80	M103A	Z	.881	.881	0	%100
81	M111B	X	.031	.031	0	%100
82	M111B	Z	.053	.053	0	%100
83	M112A	X	.034	.034	0	%100
84	M112A	Z	.06	.06	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	.287	.287	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,%]
88	M114A	Z	.497	.497	0	%100
89	M117A	X	.465	.465	0	%100
90	M117A	Z	.806	.806	0	%100
91	M118A	X	.466	.466	0	%100
92	M118A	Z	.806	.806	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	.466	.466	0	%100
96	M121A	Z	.807	.807	0	%100
97	M122A	X	.466	.466	0	%100
98	M122A	Z	.807	.807	0	%100
99	M124	X	.661	.661	0	%100
100	M124	Z	1.145	1.145	0	%100
101	M126	X	.621	.621	0	%100
102	M126	Z	1.075	1.075	0	%100
103	M128	X	.661	.661	0	%100
104	M128	Z	1.145	1.145	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	1.356	1.356	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	1.356	1.356	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	.082	.082	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	.092	.092	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	.191	.191	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	.191	.191	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	.869	.869	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	.59	.59	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	.59	.59	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	.59	.59	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	.59	.59	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	.59	.59	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	1.241	1.241	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	1.241	1.241	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	.59	.59	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	.217	.217	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	.147	.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP4C	X	0	0	0	%100
38	MP4C	Z	.59	.59	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	.59	.59	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	.59	.59	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	.59	.59	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	.217	.217	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	.147	.147	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	.59	.59	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	.59	.59	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	.59	.59	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	.59	.59	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	.953	.953	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	.339	.339	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	.339	.339	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	.021	.021	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	.023	.023	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	.766	.766	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	.191	.191	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	.31	.31	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	.31	.31	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	.953	.953	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	.339	.339	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	.339	.339	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	.021	.021	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	.023	.023	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	.191	.191	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	.766	.766	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	.31	.31	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	.31	.31	0	%100
93	M120A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M120A	Z	.311	.311	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	.311	.311	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	1.243	1.243	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	1.349	1.349	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	1.268	1.268	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	1.268	1.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	-.159	-.159	0	%100
2	M48	Z	.275	.275	0	%100
3	M53	X	-.509	-.509	0	%100
4	M53	Z	.881	.881	0	%100
5	M54	X	-.509	-.509	0	%100
6	M54	Z	.881	.881	0	%100
7	M62	X	-.031	-.031	0	%100
8	M62	Z	.053	.053	0	%100
9	M63	X	-.034	-.034	0	%100
10	M63	Z	.06	.06	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-.287	-.287	0	%100
14	M67	Z	.497	.497	0	%100
15	M200	X	-.326	-.326	0	%100
16	M200	Z	.564	.564	0	%100
17	M186A	X	-.221	-.221	0	%100
18	M186A	Z	.383	.383	0	%100
19	MP4A	X	-.295	-.295	0	%100
20	MP4A	Z	.511	.511	0	%100
21	MP3A	X	-.295	-.295	0	%100
22	MP3A	Z	.511	.511	0	%100
23	MP2A	X	-.295	-.295	0	%100
24	MP2A	Z	.511	.511	0	%100
25	MP1A	X	-.295	-.295	0	%100
26	MP1A	Z	.511	.511	0	%100
27	M37	X	-.465	-.465	0	%100
28	M37	Z	.806	.806	0	%100
29	M38	X	-.466	-.466	0	%100
30	M38	Z	.806	.806	0	%100
31	M40	X	-.295	-.295	0	%100
32	M40	Z	.511	.511	0	%100
33	M95	X	-.326	-.326	0	%100
34	M95	Z	.564	.564	0	%100
35	M100	X	-.221	-.221	0	%100
36	M100	Z	.383	.383	0	%100
37	MP4C	X	-.295	-.295	0	%100
38	MP4C	Z	.511	.511	0	%100
39	MP3C	X	-.295	-.295	0	%100
40	MP3C	Z	.511	.511	0	%100
41	MP2C	X	-.295	-.295	0	%100
42	MP2C	Z	.511	.511	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,%]
43	MP1C	X	-.295	-.295	0	%100
44	MP1C	Z	.511	.511	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	-.295	-.295	0	%100
50	MP4B	Z	.511	.511	0	%100
51	MP3B	X	-.295	-.295	0	%100
52	MP3B	Z	.511	.511	0	%100
53	MP2B	X	-.295	-.295	0	%100
54	MP2B	Z	.511	.511	0	%100
55	MP1B	X	-.295	-.295	0	%100
56	MP1B	Z	.511	.511	0	%100
57	M71	X	-.159	-.159	0	%100
58	M71	Z	.275	.275	0	%100
59	M76	X	-.509	-.509	0	%100
60	M76	Z	.881	.881	0	%100
61	M77	X	-.509	-.509	0	%100
62	M77	Z	.881	.881	0	%100
63	M85	X	-.031	-.031	0	%100
64	M85	Z	.053	.053	0	%100
65	M86	X	-.034	-.034	0	%100
66	M86	Z	.06	.06	0	%100
67	M87	X	-.287	-.287	0	%100
68	M87	Z	.497	.497	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-.466	-.466	0	%100
72	M91	Z	.806	.806	0	%100
73	M92	X	-.466	-.466	0	%100
74	M92	Z	.806	.806	0	%100
75	M97A	X	-.635	-.635	0	%100
76	M97A	Z	1.1	1.1	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-.287	-.287	0	%100
86	M113A	Z	.497	.497	0	%100
87	M114A	X	-.287	-.287	0	%100
88	M114A	Z	.497	.497	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-.466	-.466	0	%100
94	M120A	Z	.807	.807	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	-.466	-.466	0	%100
98	M122A	Z	.807	.807	0	%100
99	M124	X	-.661	-.661	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,%]
100	M124	Z	1.145	1.145	0	%100
101	M126	X	-.661	-.661	0	%100
102	M126	Z	1.145	1.145	0	%100
103	M128	X	-.621	-.621	0	%100
104	M128	Z	1.075	1.075	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	M48	X	-.825	-.825	0	%100
2	M48	Z	.476	.476	0	%100
3	M53	X	-.294	-.294	0	%100
4	M53	Z	.17	.17	0	%100
5	M54	X	-.294	-.294	0	%100
6	M54	Z	.17	.17	0	%100
7	M62	X	-.018	-.018	0	%100
8	M62	Z	.01	.01	0	%100
9	M63	X	-.02	-.02	0	%100
10	M63	Z	.011	.011	0	%100
11	M66	X	-.166	-.166	0	%100
12	M66	Z	.096	.096	0	%100
13	M67	X	-.663	-.663	0	%100
14	M67	Z	.383	.383	0	%100
15	M200	X	-.188	-.188	0	%100
16	M200	Z	.109	.109	0	%100
17	M186A	X	-.128	-.128	0	%100
18	M186A	Z	.074	.074	0	%100
19	MP4A	X	-.511	-.511	0	%100
20	MP4A	Z	.295	.295	0	%100
21	MP3A	X	-.511	-.511	0	%100
22	MP3A	Z	.295	.295	0	%100
23	MP2A	X	-.511	-.511	0	%100
24	MP2A	Z	.295	.295	0	%100
25	MP1A	X	-.511	-.511	0	%100
26	MP1A	Z	.295	.295	0	%100
27	M37	X	-.269	-.269	0	%100
28	M37	Z	.155	.155	0	%100
29	M38	X	-.269	-.269	0	%100
30	M38	Z	.155	.155	0	%100
31	M40	X	-.511	-.511	0	%100
32	M40	Z	.295	.295	0	%100
33	M95	X	-.753	-.753	0	%100
34	M95	Z	.434	.434	0	%100
35	M100	X	-.511	-.511	0	%100
36	M100	Z	.295	.295	0	%100
37	MP4C	X	-.511	-.511	0	%100
38	MP4C	Z	.295	.295	0	%100
39	MP3C	X	-.511	-.511	0	%100
40	MP3C	Z	.295	.295	0	%100
41	MP2C	X	-.511	-.511	0	%100
42	MP2C	Z	.295	.295	0	%100
43	MP1C	X	-.511	-.511	0	%100
44	MP1C	Z	.295	.295	0	%100
45	M109	X	-.188	-.188	0	%100
46	M109	Z	.109	.109	0	%100
47	M114	X	-.128	-.128	0	%100
48	M114	Z	.074	.074	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,%]
49	MP4B	X	-.511	-.511	0	%100
50	MP4B	Z	.295	.295	0	%100
51	MP3B	X	-.511	-.511	0	%100
52	MP3B	Z	.295	.295	0	%100
53	MP2B	X	-.511	-.511	0	%100
54	MP2B	Z	.295	.295	0	%100
55	MP1B	X	-.511	-.511	0	%100
56	MP1B	Z	.295	.295	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76	X	-1.175	-1.175	0	%100
60	M76	Z	.678	.678	0	%100
61	M77	X	-1.175	-1.175	0	%100
62	M77	Z	.678	.678	0	%100
63	M85	X	-.071	-.071	0	%100
64	M85	Z	.041	.041	0	%100
65	M86	X	-.08	-.08	0	%100
66	M86	Z	.046	.046	0	%100
67	M87	X	-.166	-.166	0	%100
68	M87	Z	.096	.096	0	%100
69	M88	X	-.166	-.166	0	%100
70	M88	Z	.096	.096	0	%100
71	M91	X	-1.075	-1.075	0	%100
72	M91	Z	.621	.621	0	%100
73	M92	X	-1.075	-1.075	0	%100
74	M92	Z	.621	.621	0	%100
75	M97A	X	-.825	-.825	0	%100
76	M97A	Z	.476	.476	0	%100
77	M102A	X	-.294	-.294	0	%100
78	M102A	Z	.17	.17	0	%100
79	M103A	X	-.294	-.294	0	%100
80	M103A	Z	.17	.17	0	%100
81	M111B	X	-.018	-.018	0	%100
82	M111B	Z	.01	.01	0	%100
83	M112A	X	-.02	-.02	0	%100
84	M112A	Z	.011	.011	0	%100
85	M113A	X	-.663	-.663	0	%100
86	M113A	Z	.383	.383	0	%100
87	M114A	X	-.166	-.166	0	%100
88	M114A	Z	.096	.096	0	%100
89	M117A	X	-.269	-.269	0	%100
90	M117A	Z	.155	.155	0	%100
91	M118A	X	-.269	-.269	0	%100
92	M118A	Z	.155	.155	0	%100
93	M120A	X	-1.076	-1.076	0	%100
94	M120A	Z	.621	.621	0	%100
95	M121A	X	-.269	-.269	0	%100
96	M121A	Z	.155	.155	0	%100
97	M122A	X	-.269	-.269	0	%100
98	M122A	Z	.155	.155	0	%100
99	M124	X	-1.098	-1.098	0	%100
100	M124	Z	.634	.634	0	%100
101	M126	X	-1.169	-1.169	0	%100
102	M126	Z	.675	.675	0	%100
103	M128	X	-1.098	-1.098	0	%100
104	M128	Z	.634	.634	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	-1.27	-1.27	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-.574	-.574	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-.574	-.574	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	-.59	-.59	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	-.59	-.59	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	-.59	-.59	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	-.59	-.59	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	-.59	-.59	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	-.652	-.652	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	-.442	-.442	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	-.59	-.59	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	-.59	-.59	0	%100
40	MP3C	Z	0	0	0	%100
41	MP2C	X	-.59	-.59	0	%100
42	MP2C	Z	0	0	0	%100
43	MP1C	X	-.59	-.59	0	%100
44	MP1C	Z	0	0	0	%100
45	M109	X	-.652	-.652	0	%100
46	M109	Z	0	0	0	%100
47	M114	X	-.442	-.442	0	%100
48	M114	Z	0	0	0	%100
49	MP4B	X	-.59	-.59	0	%100
50	MP4B	Z	0	0	0	%100
51	MP3B	X	-.59	-.59	0	%100
52	MP3B	Z	0	0	0	%100
53	MP2B	X	-.59	-.59	0	%100
54	MP2B	Z	0	0	0	%100
55	MP1B	X	-.59	-.59	0	%100
56	MP1B	Z	0	0	0	%100
57	M71	X	-.318	-.318	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	0	0	0	%100
59	M76	X	-1.017	-1.017	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	-1.017	-1.017	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	-.062	-.062	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	-.069	-.069	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	-.574	-.574	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-.931	-.931	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	-.931	-.931	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-.318	-.318	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-1.017	-1.017	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	-1.017	-1.017	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	-.062	-.062	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	-.069	-.069	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-.574	-.574	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	-.931	-.931	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	-.931	-.931	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-.932	-.932	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-.932	-.932	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	-1.241	-1.241	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	-1.322	-1.322	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	-1.322	-1.322	0	%100
104	M128	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	M48	X	-.825	-.825	0	%100
2	M48	Z	-.476	-.476	0	%100
3	M53	X	-.294	-.294	0	%100
4	M53	Z	-.17	-.17	0	%100
5	M54	X	-.294	-.294	0	%100
6	M54	Z	-.17	-.17	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,%]
7	M62	X	-.018	-.018	0	%100
8	M62	Z	-.01	-.01	0	%100
9	M63	X	-.02	-.02	0	%100
10	M63	Z	-.011	-.011	0	%100
11	M66	X	-.663	-.663	0	%100
12	M66	Z	-.383	-.383	0	%100
13	M67	X	-.166	-.166	0	%100
14	M67	Z	-.096	-.096	0	%100
15	M200	X	-.188	-.188	0	%100
16	M200	Z	-.109	-.109	0	%100
17	M186A	X	-.128	-.128	0	%100
18	M186A	Z	-.074	-.074	0	%100
19	MP4A	X	-.511	-.511	0	%100
20	MP4A	Z	-.295	-.295	0	%100
21	MP3A	X	-.511	-.511	0	%100
22	MP3A	Z	-.295	-.295	0	%100
23	MP2A	X	-.511	-.511	0	%100
24	MP2A	Z	-.295	-.295	0	%100
25	MP1A	X	-.511	-.511	0	%100
26	MP1A	Z	-.295	-.295	0	%100
27	M37	X	-.269	-.269	0	%100
28	M37	Z	-.155	-.155	0	%100
29	M38	X	-.269	-.269	0	%100
30	M38	Z	-.155	-.155	0	%100
31	M40	X	-.511	-.511	0	%100
32	M40	Z	-.295	-.295	0	%100
33	M95	X	-.188	-.188	0	%100
34	M95	Z	-.109	-.109	0	%100
35	M100	X	-.128	-.128	0	%100
36	M100	Z	-.074	-.074	0	%100
37	MP4C	X	-.511	-.511	0	%100
38	MP4C	Z	-.295	-.295	0	%100
39	MP3C	X	-.511	-.511	0	%100
40	MP3C	Z	-.295	-.295	0	%100
41	MP2C	X	-.511	-.511	0	%100
42	MP2C	Z	-.295	-.295	0	%100
43	MP1C	X	-.511	-.511	0	%100
44	MP1C	Z	-.295	-.295	0	%100
45	M109	X	-.753	-.753	0	%100
46	M109	Z	-.434	-.434	0	%100
47	M114	X	-.511	-.511	0	%100
48	M114	Z	-.295	-.295	0	%100
49	MP4B	X	-.511	-.511	0	%100
50	MP4B	Z	-.295	-.295	0	%100
51	MP3B	X	-.511	-.511	0	%100
52	MP3B	Z	-.295	-.295	0	%100
53	MP2B	X	-.511	-.511	0	%100
54	MP2B	Z	-.295	-.295	0	%100
55	MP1B	X	-.511	-.511	0	%100
56	MP1B	Z	-.295	-.295	0	%100
57	M71	X	-.825	-.825	0	%100
58	M71	Z	-.476	-.476	0	%100
59	M76	X	-.294	-.294	0	%100
60	M76	Z	-.17	-.17	0	%100
61	M77	X	-.294	-.294	0	%100
62	M77	Z	-.17	-.17	0	%100
63	M85	X	-.018	-.018	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,%]
64	M85	Z	-.01	-.01	0	%100
65	M86	X	-.02	-.02	0	%100
66	M86	Z	-.011	-.011	0	%100
67	M87	X	-.166	-.166	0	%100
68	M87	Z	-.096	-.096	0	%100
69	M88	X	-.663	-.663	0	%100
70	M88	Z	-.383	-.383	0	%100
71	M91	X	-.269	-.269	0	%100
72	M91	Z	-.155	-.155	0	%100
73	M92	X	-.269	-.269	0	%100
74	M92	Z	-.155	-.155	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-1.175	-1.175	0	%100
78	M102A	Z	-.678	-.678	0	%100
79	M103A	X	-1.175	-1.175	0	%100
80	M103A	Z	-.678	-.678	0	%100
81	M111B	X	-.071	-.071	0	%100
82	M111B	Z	-.041	-.041	0	%100
83	M112A	X	-.08	-.08	0	%100
84	M112A	Z	-.046	-.046	0	%100
85	M113A	X	-.166	-.166	0	%100
86	M113A	Z	-.096	-.096	0	%100
87	M114A	X	-.166	-.166	0	%100
88	M114A	Z	-.096	-.096	0	%100
89	M117A	X	-1.075	-1.075	0	%100
90	M117A	Z	-.621	-.621	0	%100
91	M118A	X	-1.075	-1.075	0	%100
92	M118A	Z	-.621	-.621	0	%100
93	M120A	X	-.269	-.269	0	%100
94	M120A	Z	-.155	-.155	0	%100
95	M121A	X	-1.076	-1.076	0	%100
96	M121A	Z	-.621	-.621	0	%100
97	M122A	X	-.269	-.269	0	%100
98	M122A	Z	-.155	-.155	0	%100
99	M124	X	-1.098	-1.098	0	%100
100	M124	Z	-.634	-.634	0	%100
101	M126	X	-1.098	-1.098	0	%100
102	M126	Z	-.634	-.634	0	%100
103	M128	X	-1.169	-1.169	0	%100
104	M128	Z	-.675	-.675	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	M48	X	-.159	-.159	0	%100
2	M48	Z	-.275	-.275	0	%100
3	M53	X	-.509	-.509	0	%100
4	M53	Z	-.881	-.881	0	%100
5	M54	X	-.509	-.509	0	%100
6	M54	Z	-.881	-.881	0	%100
7	M62	X	-.031	-.031	0	%100
8	M62	Z	-.053	-.053	0	%100
9	M63	X	-.034	-.034	0	%100
10	M63	Z	-.06	-.06	0	%100
11	M66	X	-.287	-.287	0	%100
12	M66	Z	-.497	-.497	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,%]
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-.326	-.326	0	%100
16	M200	Z	-.564	-.564	0	%100
17	M186A	X	-.221	-.221	0	%100
18	M186A	Z	-.383	-.383	0	%100
19	MP4A	X	-.295	-.295	0	%100
20	MP4A	Z	-.511	-.511	0	%100
21	MP3A	X	-.295	-.295	0	%100
22	MP3A	Z	-.511	-.511	0	%100
23	MP2A	X	-.295	-.295	0	%100
24	MP2A	Z	-.511	-.511	0	%100
25	MP1A	X	-.295	-.295	0	%100
26	MP1A	Z	-.511	-.511	0	%100
27	M37	X	-.466	-.466	0	%100
28	M37	Z	-.806	-.806	0	%100
29	M38	X	-.466	-.466	0	%100
30	M38	Z	-.806	-.806	0	%100
31	M40	X	-.295	-.295	0	%100
32	M40	Z	-.511	-.511	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	-.295	-.295	0	%100
38	MP4C	Z	-.511	-.511	0	%100
39	MP3C	X	-.295	-.295	0	%100
40	MP3C	Z	-.511	-.511	0	%100
41	MP2C	X	-.295	-.295	0	%100
42	MP2C	Z	-.511	-.511	0	%100
43	MP1C	X	-.295	-.295	0	%100
44	MP1C	Z	-.511	-.511	0	%100
45	M109	X	-.326	-.326	0	%100
46	M109	Z	-.564	-.564	0	%100
47	M114	X	-.221	-.221	0	%100
48	M114	Z	-.383	-.383	0	%100
49	MP4B	X	-.295	-.295	0	%100
50	MP4B	Z	-.511	-.511	0	%100
51	MP3B	X	-.295	-.295	0	%100
52	MP3B	Z	-.511	-.511	0	%100
53	MP2B	X	-.295	-.295	0	%100
54	MP2B	Z	-.511	-.511	0	%100
55	MP1B	X	-.295	-.295	0	%100
56	MP1B	Z	-.511	-.511	0	%100
57	M71	X	-.635	-.635	0	%100
58	M71	Z	-1.1	-1.1	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	-.287	-.287	0	%100
68	M87	Z	-.497	-.497	0	%100
69	M88	X	-.287	-.287	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,%]
70	M88	Z	-.497	-.497	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-.159	-.159	0	%100
76	M97A	Z	-.275	-.275	0	%100
77	M102A	X	-.509	-.509	0	%100
78	M102A	Z	-.881	-.881	0	%100
79	M103A	X	-.509	-.509	0	%100
80	M103A	Z	-.881	-.881	0	%100
81	M111B	X	-.031	-.031	0	%100
82	M111B	Z	-.053	-.053	0	%100
83	M112A	X	-.034	-.034	0	%100
84	M112A	Z	-.06	-.06	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	-.287	-.287	0	%100
88	M114A	Z	-.497	-.497	0	%100
89	M117A	X	-.465	-.465	0	%100
90	M117A	Z	-.806	-.806	0	%100
91	M118A	X	-.466	-.466	0	%100
92	M118A	Z	-.806	-.806	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-.466	-.466	0	%100
96	M121A	Z	-.807	-.807	0	%100
97	M122A	X	-.466	-.466	0	%100
98	M122A	Z	-.807	-.807	0	%100
99	M124	X	-.661	-.661	0	%100
100	M124	Z	-1.145	-1.145	0	%100
101	M126	X	-.621	-.621	0	%100
102	M126	Z	-1.075	-1.075	0	%100
103	M128	X	-.661	-.661	0	%100
104	M128	Z	-1.145	-1.145	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	M53	Y	-2.499	-2.499	0	1.438
2	M54	Y	-2.496	-2.496	.631	2.083
3	M62	Y	-.934	-2.533	0	.419
4	M62	Y	-2.533	-4.746	.419	.839
5	M62	Y	-4.746	-5.585	.839	1.258
6	M62	Y	-5.585	-2.546	1.258	1.678
7	M62	Y	-2.546	-.08	1.678	2.097
8	M63	Y	-1.123	-2.682	0	.612
9	M63	Y	-2.682	-4.757	.612	1.224
10	M63	Y	-4.757	-5.291	1.224	1.836
11	M63	Y	-5.291	-3.218	1.836	2.447
12	M63	Y	-3.218	-.592	2.447	3.059
13	M66	Y	-1.92	-1.632	0	.683
14	M66	Y	-1.632	-1.911	.683	1.367
15	M66	Y	-1.911	-1.845	1.367	2.05
16	M66	Y	-1.845	-1.555	2.05	2.733
17	M66	Y	-1.555	-1.951	2.733	3.417
18	M67	Y	-2.172	-1.745	0	.683

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,%]
19	M67	Y	-1.745	-1.928	.683	1.367
20	M67	Y	-1.928	-1.91	1.367	2.05
21	M67	Y	-1.91	-1.659	2.05	2.733
22	M67	Y	-1.659	-1.986	2.733	3.417
23	M37	Y	-1.715	-1.715	0	.345
24	M38	Y	-3.013	-3.013	.169	.375
25	M76	Y	-2.499	-2.499	0	1.438
26	M77	Y	-2.496	-2.496	.631	2.083
27	M85	Y	-.501	-3.096	0	.524
28	M85	Y	-3.096	-5.297	.524	1.049
29	M85	Y	-5.297	-3.926	1.049	1.573
30	M85	Y	-3.926	-.328	1.573	2.097
31	M86	Y	-.586	-3.219	0	.612
32	M86	Y	-3.219	-5.294	.612	1.224
33	M86	Y	-5.294	-4.754	1.224	1.836
34	M86	Y	-4.754	-2.681	1.836	2.447
35	M86	Y	-2.681	-1.129	2.447	3.059
36	M87	Y	-1.92	-1.632	0	.683
37	M87	Y	-1.632	-1.909	.683	1.367
38	M87	Y	-1.909	-1.843	1.367	2.05
39	M87	Y	-1.843	-1.555	2.05	2.733
40	M87	Y	-1.555	-1.951	2.733	3.417
41	M88	Y	-2.172	-1.745	0	.683
42	M88	Y	-1.745	-1.931	.683	1.367
43	M88	Y	-1.931	-1.912	1.367	2.05
44	M88	Y	-1.912	-1.659	2.05	2.733
45	M88	Y	-1.659	-1.986	2.733	3.417
46	M91	Y	-1.715	-1.715	0	.345
47	M92	Y	-3.013	-3.013	.169	.375
48	M102A	Y	-2.499	-2.499	0	1.438
49	M103A	Y	-2.496	-2.496	.631	2.083
50	M111B	Y	-.501	-3.095	0	.524
51	M111B	Y	-3.095	-5.297	.524	1.049
52	M111B	Y	-5.297	-3.926	1.049	1.573
53	M111B	Y	-3.926	-.328	1.573	2.097
54	M112A	Y	-.586	-3.219	0	.612
55	M112A	Y	-3.219	-5.294	.612	1.224
56	M112A	Y	-5.294	-4.754	1.224	1.836
57	M112A	Y	-4.754	-2.681	1.836	2.447
58	M112A	Y	-2.681	-1.129	2.447	3.059
59	M113A	Y	-1.92	-1.632	0	.683
60	M113A	Y	-1.632	-1.909	.683	1.367
61	M113A	Y	-1.909	-1.843	1.367	2.05
62	M113A	Y	-1.843	-1.555	2.05	2.733
63	M113A	Y	-1.555	-1.951	2.733	3.417
64	M114A	Y	-2.172	-1.745	0	.683
65	M114A	Y	-1.745	-1.931	.683	1.367
66	M114A	Y	-1.931	-1.912	1.367	2.05
67	M114A	Y	-1.912	-1.659	2.05	2.733
68	M114A	Y	-1.659	-1.986	2.733	3.417
69	M117A	Y	-1.715	-1.715	0	.345
70	M118A	Y	-3.013	-3.013	.169	.375

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	M53	Y	-6.002	-6.002	0	1.438

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,%]
2	M54	Y	-5.995	-5.995	.631	2.083
3	M62	Y	-2.244	-6.084	0	.419
4	M62	Y	-6.084	-11.397	.419	.839
5	M62	Y	-11.397	-13.414	.839	1.258
6	M62	Y	-13.414	-6.115	1.258	1.678
7	M62	Y	-6.115	-.192	1.678	2.097
8	M63	Y	-2.696	-6.443	0	.612
9	M63	Y	-6.443	-11.424	.612	1.224
10	M63	Y	-11.424	-12.708	1.224	1.836
11	M63	Y	-12.708	-7.729	1.836	2.447
12	M63	Y	-7.729	-1.421	2.447	3.059
13	M66	Y	-4.61	-3.92	0	.683
14	M66	Y	-3.92	-4.589	.683	1.367
15	M66	Y	-4.589	-4.431	1.367	2.05
16	M66	Y	-4.431	-3.735	2.05	2.733
17	M66	Y	-3.735	-4.686	2.733	3.417
18	M67	Y	-5.216	-4.191	0	.683
19	M67	Y	-4.191	-4.631	.683	1.367
20	M67	Y	-4.631	-4.587	1.367	2.05
21	M67	Y	-4.587	-3.984	2.05	2.733
22	M67	Y	-3.984	-4.771	2.733	3.417
23	M37	Y	-4.119	-4.119	0	.345
24	M38	Y	-7.237	-7.237	.169	.375
25	M76	Y	-6.002	-6.002	0	1.438
26	M77	Y	-5.995	-5.995	.631	2.083
27	M85	Y	-1.204	-7.435	0	.524
28	M85	Y	-7.435	-12.722	.524	1.049
29	M85	Y	-12.722	-9.43	1.049	1.573
30	M85	Y	-9.43	-.787	1.573	2.097
31	M86	Y	-1.407	-7.732	0	.612
32	M86	Y	-7.732	-12.714	.612	1.224
33	M86	Y	-12.714	-11.418	1.224	1.836
34	M86	Y	-11.418	-6.439	1.836	2.447
35	M86	Y	-6.439	-2.711	2.447	3.059
36	M87	Y	-4.61	-3.92	0	.683
37	M87	Y	-3.92	-4.584	.683	1.367
38	M87	Y	-4.584	-4.426	1.367	2.05
39	M87	Y	-4.426	-3.735	2.05	2.733
40	M87	Y	-3.735	-4.686	2.733	3.417
41	M88	Y	-5.216	-4.191	0	.683
42	M88	Y	-4.191	-4.637	.683	1.367
43	M88	Y	-4.637	-4.592	1.367	2.05
44	M88	Y	-4.592	-3.984	2.05	2.733
45	M88	Y	-3.984	-4.771	2.733	3.417
46	M91	Y	-4.118	-4.118	0	.345
47	M92	Y	-7.237	-7.237	.169	.375
48	M102A	Y	-6.002	-6.002	0	1.438
49	M103A	Y	-5.995	-5.995	.631	2.083
50	M111B	Y	-1.204	-7.434	0	.524
51	M111B	Y	-7.434	-12.722	.524	1.049
52	M111B	Y	-12.722	-9.43	1.049	1.573
53	M111B	Y	-9.43	-.787	1.573	2.097
54	M112A	Y	-1.407	-7.732	0	.612
55	M112A	Y	-7.732	-12.714	.612	1.224
56	M112A	Y	-12.714	-11.418	1.224	1.836
57	M112A	Y	-11.418	-6.438	1.836	2.447
58	M112A	Y	-6.438	-2.711	2.447	3.059

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,%]
59	M113A	Y	-4.61	-3.92	0	.683
60	M113A	Y	-3.92	-4.584	.683	1.367
61	M113A	Y	-4.584	-4.426	1.367	2.05
62	M113A	Y	-4.426	-3.735	2.05	2.733
63	M113A	Y	-3.735	-4.686	2.733	3.417
64	M114A	Y	-5.216	-4.191	0	.683
65	M114A	Y	-4.191	-4.637	.683	1.367
66	M114A	Y	-4.637	-4.592	1.367	2.05
67	M114A	Y	-4.592	-3.984	2.05	2.733
68	M114A	Y	-3.984	-4.771	2.733	3.417
69	M117A	Y	-4.118	-4.118	0	.345
70	M118A	Y	-7.237	-7.237	.169	.375

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.005
2	N155A	N156A	N159A	N158A	Y	Two Way	-.005
3	N188A	N189A	N192A	N191A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.012
2	N155A	N156A	N159A	N158A	Y	Two Way	-.012
3	N188A	N189A	N192A	N191A	Y	Two Way	-.012

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N67	max	1215.855	10	1292.88	19	3840.173	1	1.63	19	1.708	4	.254	10
2		min	-1203.605	4	-48.085	1	-3678.012	7	-.577	1	-1.713	10	-.349	4
3	N146A	max	2784.565	9	1064.259	15	1875.504	2	.532	7	1.774	12	.521	9
4		min	-2627.541	3	30.91	9	-1955.309	8	-1.041	1	-1.753	6	-1.243	3
5	N179B	max	2711.033	11	1075.769	23	1627.976	12	.539	7	1.769	8	1.375	23
6		min	-2872.478	5	35.32	5	-1700.326	6	-.909	1	-1.777	2	-.488	5
7	N197B	max	66.028	10	2351.76	1	710.994	7	0	51	0	4	0	10
8		min	-66.022	4	-1011.012	7	-1673.223	1	0	1	0	10	0	4
9	N201A	max	446.64	3	2259.552	21	807.434	21	0	6	0	36	0	36
10		min	-1398.729	21	-751.342	3	-257.925	3	0	36	0	6	0	6
11	N205A	max	1369.612	17	2214.926	17	790.738	17	0	8	0	8	0	8
12		min	-444.509	11	-748.062	11	-256.683	11	0	2	0	2	0	2
13	Totals:	max	4822.436	10	8655.844	16	5438.815	1						
14		min	-4822.439	4	3148.298	10	-5438.833	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
1	M48	HSS5X3X3	.202	0	10	.097	1....	z	4	103797...	1068..	10.212	14.524	...	H1-...
2	M53	L5X7X6	.178	0	13	.024	0	y	18	119825...	1412..	7.121	19.323	...	H2-1
3	M54	L5X7X6	.194	2.083	13	.024	2....	y	19	119825...	1412..	7.121	19.323	...	H2-1
4	M62	PL1/4X1.5	.133	1.049	1	.013	1....	y	7	696.728	12150	.063	.38	...	H1-...
5	M63	PL1/4X1.5	.510	1.53	1	.015	1.53	y	7	327.379	12150	.063	.38	...	H1-...
6	M66	L2x2x4	.172	0	1	.018	0	y	7	16939....	3058..	.691	1.577	...	H2-1
7	M67	L2x2x4	.172	3.417	1	.018	3....	y	7	16939....	3058..	.691	1.577	...	H2-1
8	M200	PIPE_3.0	.169	5.622	3	.150	3....		8	21266....	65205	5.749	5.749	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
9	M186A	PIPE_2.0	.622	5.474	7	.276	2....		8	4678.5...	32130	1.872	1.872	...	H3-6
10	MP4A	PIPE_2.0	.622	5.978	8	.400	2.02		7	15155....	32130	1.872	1.872	...	H3-6
11	MP3A	PIPE_2.0	.671	5.978	9	.279	5....		9	15155....	32130	1.872	1.872	...	H3-6
12	MP2A	PIPE_2.0	.573	5.978	4	.198	5....		6	15155....	32130	1.872	1.872	...	H1-...
13	MP1A	PIPE_2.0	.559	5.978	6	.369	2.02		7	15155....	32130	1.872	1.872	...	H3-6
14	M37	L5x4.5x4	.082	0	7	.094	0	z	1	50922....	74925	4.408	8.54	...	H2-1
15	M38	L5x4.5x4	.093	.375	7	.097	.375	z	1	50922....	74925	4.408	8.54	...	H2-1
16	M40	PIPE_2.0	.239	4.959	12	.015	4....		12	20866....	32130	1.872	1.872	...	H1-...
17	M95	PIPE_3.0	.167	5.622	11	.138	3....		4	21266....	65205	5.749	5.749	...	H1-...
18	M100	PIPE_2.0	.625	13.76	6	.247	2....		4	4678.5...	32130	1.872	1.872	...	H1-...
19	MP4C	PIPE_2.0	.604	5.978	6	.367	2.02		9	15155....	32130	1.872	1.872	...	H1-...
20	MP3C	PIPE_2.0	.797	5.978	6	.301	5....		5	15155....	32130	1.872	1.872	...	H3-6
21	MP2C	PIPE_2.0	.644	5.978	12	.201	5....		8	15155....	32130	1.872	1.872	...	H1-...
22	MP1C	PIPE_2.0	.564	5.978	1	.326	2....		3	15155....	32130	1.872	1.872	...	H1-...
23	M109	PIPE_3.0	.183	5.622	7	.144	3....		12	21266....	65205	5.749	5.749	...	H1-...
24	M114	PIPE_2.0	.613	12.577	1	.261	2....		6	4678.5...	32130	1.872	1.872	...	H1-...
25	MP4B	PIPE_2.0	.626	5.978	1	.376	4....		5	15155....	32130	1.872	1.872	...	H1-...
26	MP3B	PIPE_2.0	.787	5.978	2	.301	5....		1	15155....	32130	1.872	1.872	...	H3-6
27	MP2B	PIPE_2.0	.651	5.978	8	.187	5....		4	15155....	32130	1.872	1.872	...	H1-...
28	MP1B	PIPE_2.0	.549	5.978	8	.329	2.02		12	15155....	32130	1.872	1.872	...	H1-...
29	M71	HSS5X3X3	.207	0	12	.097	0	z	12	85454....	1068..	10.212	14.524	...	H1-...
30	M76	L5X7X6	.180	0	21	.024	0	y	13	119825..	1412..	7.121	19.323	...	H2-1
31	M77	L5X7X6	.194	2.083	20	.023	2....	y	16	119825..	1412..	7.121	19.323	...	H2-1
32	M85	PL1/4X1.5	.122	1.049	9	.012	1....	y	2	696.742	12150	.063	.38	...	H1-...
33	M86	PL1/4X1.5	.472	1.498	8	.013	1.53	y	2	327.381	12150	.063	.38	...	H1-...
34	M87	L2x2x4	.152	0	9	.017	0	z	20	16939....	3058..	.691	1.577	...	H2-1
35	M88	L2x2x4	.152	3.417	9	.017	3....	z	22	16939....	3058..	.691	1.577	...	H2-1
36	M91	L5x4.5x4	.094	0	46	.083	0	z	9	50922....	74925	3.579	7.767	...	H2-1
37	M92	L5x4.5x4	.086	.375	3	.088	.375	z	9	50922....	74925	4.408	8.54	...	H2-1
38	M97A	HSS5X3X3	.206	0	2	.097	0	z	8	85453....	1068..	10.212	14.524	...	H1-...
39	M102A	L5X7X6	.174	0	18	.023	0	y	21	119825..	1412..	7.121	19.323	...	H2-1
40	M103A	L5X7X6	.197	2.083	16	.024	2....	y	13	119825..	1412..	7.121	19.323	...	H2-1
41	M111B	PL1/4X1.5	.120	1.049	5	.013	1....	y	12	696.718	12150	.063	.38	...	H1-...
42	M112A	PL1/4X1.5	.449	1.498	5	.012	1....	y	11	327.374	12150	.063	.38	...	H1-...
43	M113A	L2x2x4	.150	0	5	.018	0	z	16	16939....	3058..	.691	1.577	...	H2-1
44	M114A	L2x2x4	.150	3.417	5	.017	3....	z	18	16939....	3058..	.691	1.577	...	H2-1
45	M117A	L5x4.5x4	.073	0	11	.083	0	z	5	50922....	74925	4.408	8.54	...	H2-1
46	M118A	L5x4.5x4	.087	.375	11	.087	.375	z	5	50922....	74925	4.408	8.54	...	H2-1
47	M120A	L5X3.5X4	.399	0	8	.123	0	z	12	53799....	67068	2.629	6.062	...	H2-1
48	M121A	L5X3.5X4	.370	1.052	6	.125	0	z	8	53799....	67068	2.629	6.062	...	H2-1
49	M122A	L5X3.5X4	.380	0	6	.099	1....	z	4	53799....	67068	2.629	7.465	...	H2-1
50	M124	LL3x3x3x3	.070	3.467	12	.004	6....	z	4	46089....	70632	5.543	3.718	...	H1-...
51	M126	LL3x3x3x3	.070	3.467	8	.005	6....	z	12	46089....	70632	5.543	3.718	...	H1-...
52	M128	LL3x3x3x3	.069	3.467	6	.005	0	z	8	46089....	70632	5.543	3.718	...	H1-...

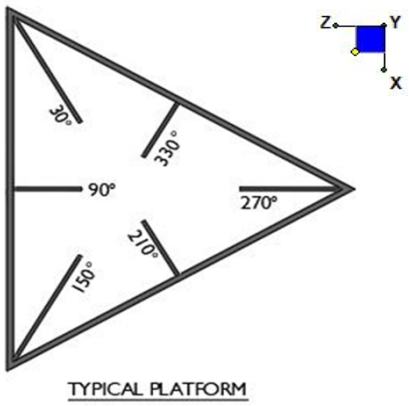
Client:	Verizon Wireless	Date:	3/31/2021
Site Name:	New Britain 4 CT		
Project No.	21777013A		
Title:	Antenna Mount Analysis - Mount	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

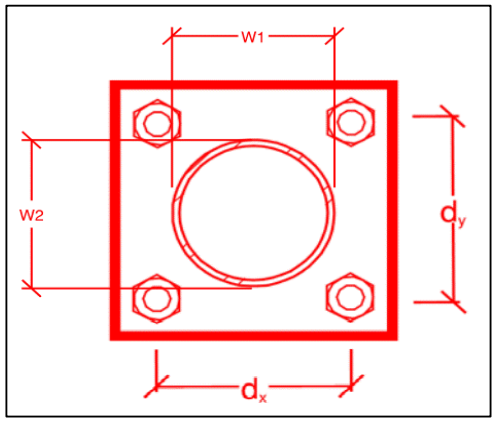
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N67	270
N179B	150
N146A	30



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)* :	6.5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6.5
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	9.4
Required Shear Strength (kips):	3.7
Tensile Strength / bolt (kips):	29.8
Shear Strength / bolt (kips):	17.9
Tensile Capacity Overall:	**7.9%***
Shear Capacity Overall:	**5.1%**



**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):	11
Plate Height (in):	10
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	3.59
Plate Bending Capacity:	**36.9%**
Weld Capacity:	**86.0%**

Unique Weld Check

Weld Pattern:	(2) Vertical Fillet Welds
L1 (in):	0.75
L2 (in):	8

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	7.7
Phi*Mn_{xx} *(kip-in)* :	50.1
Mu_{yy} *(kip-in)* :	9.8
Phi*Mn_{yy} *(kip-in)* :	45.6

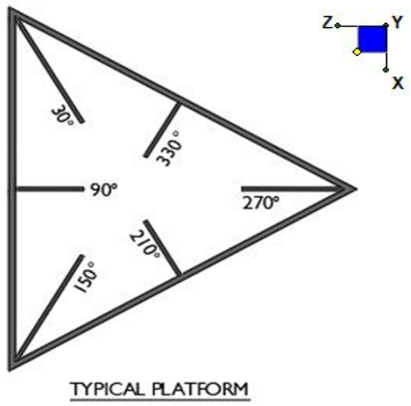
Client:	Verizon Wireless	Date:	3/31/2021
Site Name:	New Britain 4 CT		
Project No.	21777013A		
Title:	Antenna Mount Analysis - Kicker	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

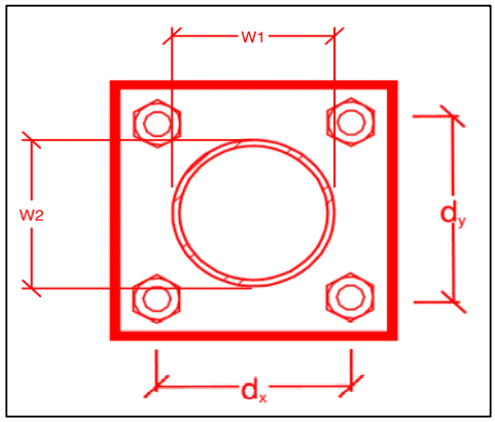
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N197B	270
N205a	150
N201a	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	1.7
Required Shear Strength (kips):	2.4
Tensile Strength / bolt (kips):	29.8
Shear Strength / bolt (kips):	17.9
Tensile Capacity Overall:	**1.4%***
Shear Capacity Overall:	**3.3%**



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

Tower Connection Plate and Weld Check

Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	0.22
Weld Capacity:	**2.7%**

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 ovp mount pipe to standoff arm in beta sector. Attach the relocated mount pipe to the standoff with crossover plate (Perfect Vision Part #: PV-XP-ST-U or EOR approved equivalent). Contractor shall attach proposed OVP 12" from the top of mount pipe. Contractor shall replace the existing mount pipe to support rail connections with new crossover plates (VZWSMART-MSK1) on all sectors.

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: 467499-VZW - New Britain 4 CT

Sector: **A**

Structure Type: Monopole

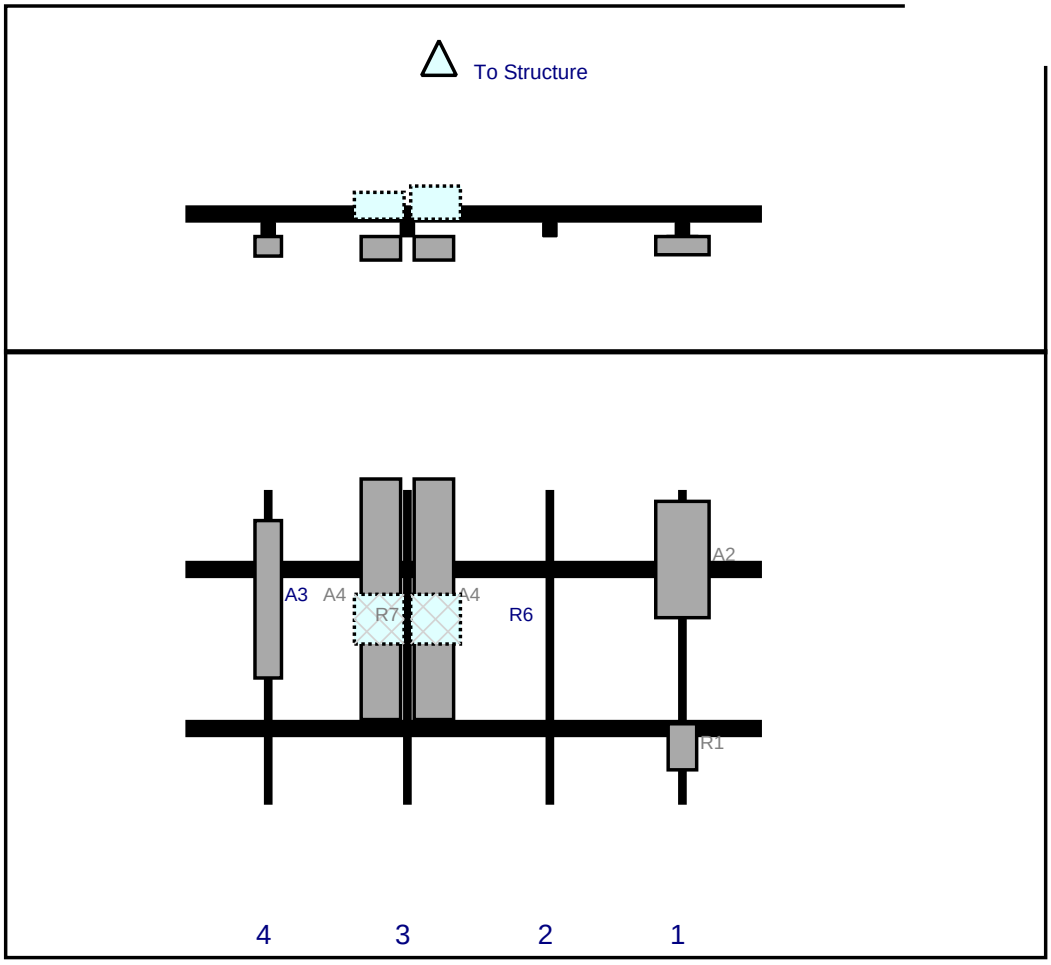
Mount Elev: 100.25

3/26/2021

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	MT6407-77A	35.1	16.1	150	1	a	Front	21	0	Added	
R1	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	150	1	a	Front	77.52	0	Added	
A4	SBNHH-1D65B	72.6	11.9	67	3	a	Front	33	8	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	67	3	b	Front	33	-8	Retained	02/23/2021
R6	B2/B66A RRH-BR049	15	15	67	3	a	Behind	39	8.5	Retained	02/23/2021
R7	B5/B13 RRH-BR04C	15	15	67	3	a	Behind	39	-8.5	Retained	02/23/2021
A3	BXA-80080-4CF-EDIN-8	47.5	8	25	4	a	Front	33	0	Retained	02/23/2021

Structure: 467499-VZW - New Britain 4 CT

Sector: **B**

Structure Type: Monopole

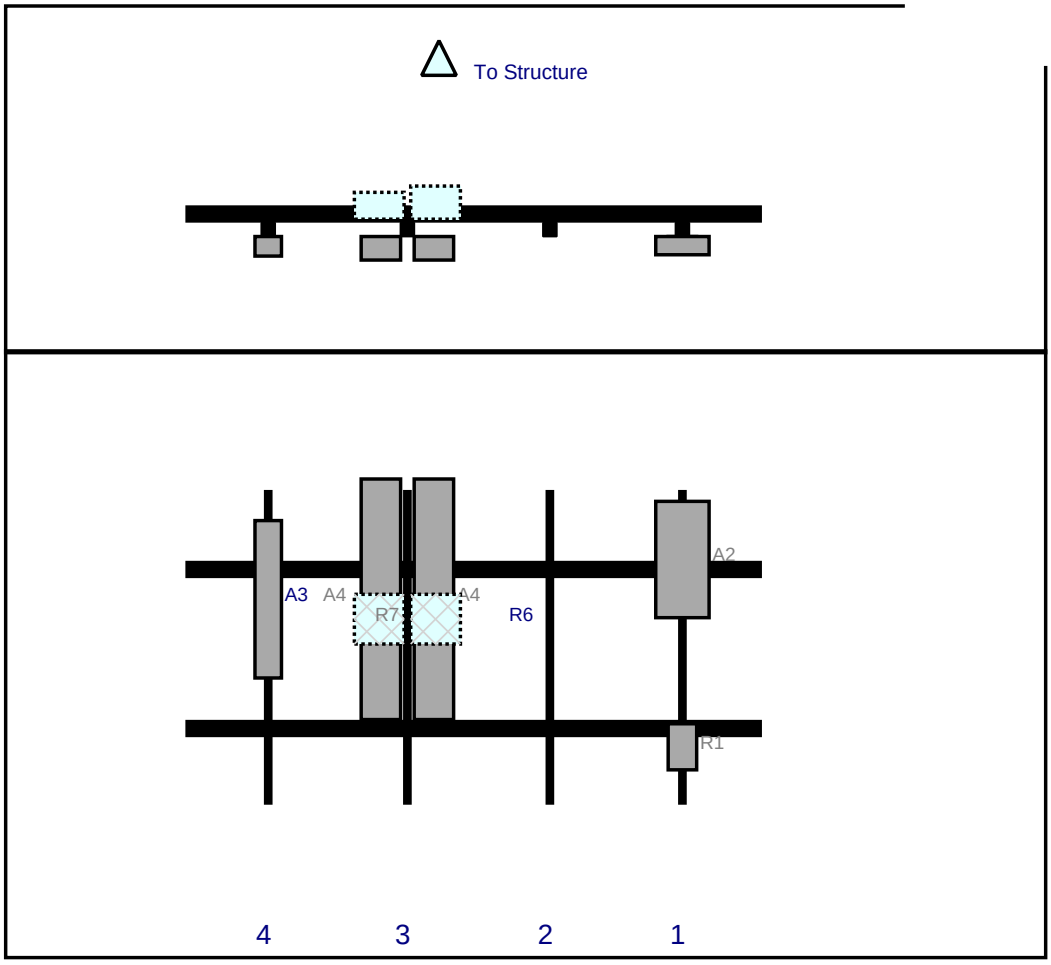
Mount Elev: 100.25

3/26/2021

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	MT6407-77A	35.1	16.1	150	1	a	Front	21	0	Added	
R1	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	150	1	a	Front	77.52	0	Added	
A4	SBNHH-1D65B	72.6	11.9	67	3	a	Front	33	8	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	67	3	b	Front	33	-8	Retained	02/23/2021
R6	B2/B66A RRH-BR049	15	15	67	3	a	Behind	39	8.5	Retained	02/23/2021
R7	B5/B13 RRH-BR04C	15	15	67	3	a	Behind	39	-8.5	Retained	02/23/2021
A3	BXA-80080-4CF-EDIN-8	47.5	8	25	4	a	Front	33	0	Retained	02/23/2021

Structure: 467499-VZW - New Britain 4 CT

Sector: **C**

Structure Type: Monopole

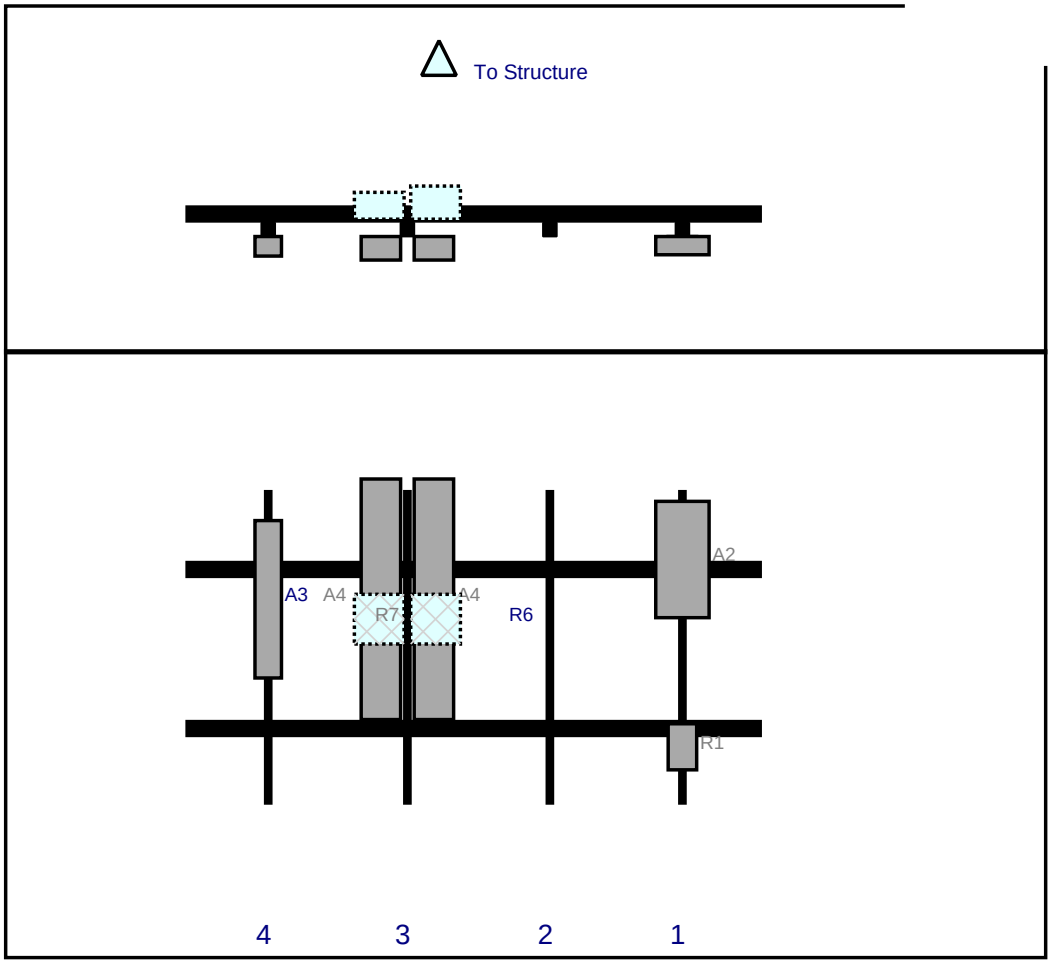
Mount Elev: 100.25

3/26/2021

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	MT6407-77A	35.1	16.1	150	1	a	Front	21	0	Added	
R1	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	150	1	a	Front	77.52	0	Added	
A4	SBNHH-1D65B	72.6	11.9	67	3	a	Front	33	8	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	67	3	b	Front	33	-8	Retained	02/23/2021
R6	B2/B66A RRH-BR049	15	15	67	3	a	Behind	39	8.5	Retained	02/23/2021
R7	B5/B13 RRH-BR04C	15	15	67	3	a	Behind	39	-8.5	Retained	02/23/2021
A3	BXA-80080-4CF-EDIN-8	47.5	8	25	4	a	Front	33	0	Retained	02/23/2021

Maser Consulting Connecticut

Subject		TIA-222-H Usage
Site Information	Site ID:	467499-VZW / New Britain 4 CT
	Site Name:	New Britain 4 CT
	Carrier Name:	Verizon Wireless
	Address:	200 Stanley Street New Britain, Connecticut 06051 Hartford County
	Latitude:	41.652319°
	Longitude:	-72.767319°
Structure Information	Tower Type:	Monopole
	Mount Type:	14.50-Ft Platform

To Whom It May Concern,

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

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. 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,

Dejian Xu, PE
Technical Specialist

Exhibit F

Power Density/RF Emissions Report

Site Name: *NEW BRITAIN 4 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	349	1398	104	0.0046	0.5007	0.93%
VZW CDMA	877.26	2	333	665	104	0.0022	0.5848	0.38%
VZW Cellular	874	4	825	3302	104	0.0110	0.5827	1.88%
VZW PCS	1975	4	1593	6370	104	0.0212	1.0000	2.12%
VZW AWS	2120	4	1563	6251	104	0.0208	1.0000	2.08%
VZW CBRS	3625	4	13	53	101	0.0002	1.0000	0.02%
VZW CBAND	3730.005	4	6531	26125	105.5	0.0844	1.0000	8.44%
Total Percentage of Maximum Permissible Exposure								15.85%

*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.