

# STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051 Phone: (860) 827-2935 Fax: (860) 827-2950A E-Mail: siting.council@ct.gov Web Site: portal.ct.gov/csc

## VIA ELECTRONIC MAIL

June 29, 2021

Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597

RE: EM-VER-072-210609 – Cellco Partnership d/b/a Verizon Wireless notice of intent to

modify an existing telecommunications facility located at 12 Orchard Drive, Ledyard, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) is in receipt of your correspondence of June 29, 2021 submitted in response to the Council's June 28, 2021 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

s/Melanie A. Bachman

Melanie A. Bachman Executive Director

MAB/CW/emr

## PROJECT NOTES

- SEE MODIFICATION NOTES
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE THE SCOPE OF WORK FOR THIS MOJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL
  DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- SINCE THE CELL SITE MAY BE ACTIVE ALL SAFETY PRECALITIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
- NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
- THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQURED).

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## MOUNT MODIFICATION DRAWINGS EXISTING 12.5' COMBINED SECTOR FRAME

SITE NAME: LEDYARD NORTH CT - A **SITE NUMBER: 468220** 

> 12 ORCHARD DRIVE LEDYARD, CT 06335 **NEW LONDON COUNTY**

## PROJECT INFORMATION

## SITE INFORMATION

ATITUDE LONGITUDE 72.05447222° W **IURISDICTION** NEW LONDON COUNTY

## APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

#### CLIENT REPRESENTATIVE

COMPANY: ADDRESS: CITY, STATE, ZIP: VERIZON WIRELESS I 18 FLANDERS ROAD, THIRD FLOOR WESTBOROUGH, MA 01581 CONTACT: EMAIL: ANDY CANDIELLO
ANDREW.CANDIELLO@VERIZONWIRELESS.COM

## PROJECT MANAGER

COMPANY MASER CONSULTING CONTACT: PHONE: PETER ALBANO (856) 797-0412

E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

## T-I TITLE SHEET S.I BILL OF MATERIALS S-2 MODIFICATION NOTES S-3 MODIFICATION NOTES S-4 MODIFICATION DETAILS S-5 MODIFICATION DETAILS S-6 MOUNT PHOTOS SPECIFICATION SHEETS

SHEET INDEX

SHEET DESCRIPTION

## CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM

10055829 468220 16244629 VZW LOCATION CODE (PSLC):

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

## REFERENCED DOCUMENTS

FAILING MOUNT ANALYSIS REPORT 
 SMART TOOL PROJECT #:
 10037888

 MASER CONSULTING PROJECT #:
 21777102A

 ANALYSIS DATE:
 3/16/2021

verizon v



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SITE NAME:

LEDYARD NORTH CT - A 468220

12 ORCHARD DRIVE LEDYARD, CT 06335 NEW LONDON COUNTY



MT. LAUREL OFFICE 2000 Midlantic Drive

TITLE SHEET

OTE: DO NOT SCALE DRAWINGS FOR CONSTRU

		BILL OF MATE	RIALS
		VZWSMART KI	TS
ANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
	VZWSMART-SFK4	T-ARM KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE "STRUCTURAL STEEL" NOTES ON SHEET S-2.
	VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY	
	VZWSMART-MSK2	CROSSOVER PLATE	
	VZWSMART-MSKI	CROSSOVER PLATE	
VZWSMART			
-			
		OTHER REQUIRED I	PARTS
ANI IEACTI IDED	DAD'T NILIMBED		NOTES
-	-	I56" LONG, P2.0 STD. PIPE	GALVANIZED, CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE STRUCTURAL STEEL NOTES ON SHEET 5-2.
-	-	150" LONG, P3.0 STD. PIPE	GALVANIZED
	VZWSMART  NUFACTURER  -	VZWSMART-SFK4  VZWSMART-PLK7  VZWSMART-MSK1  VZWSMART-MSK1  VZWSMART-MSK1  VZWSMART-MSK1  VZWSMART-MSK1  VZWSMART-MSK1  VZWSMART-MSK1	NUFACTURER PART NUMBER DESCRIPTION  VZWSMART-SFK4  VZWSMART-PLK7  MONOPOLE COLLAR MOUNT ASSEMBLY  VZWSMART-MSK2  CROSSOVER PLATE  VZWSMART-MSK1  CROSSOVER PLATE  OTHER REQUIRED I  NUFACTURER  PART NUMBER  DESCRIPTION  156° LONG, P20 STD, PIPE

NOTE: ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR

	COMMSCOPE
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM
N	IETROSITE FABRICATORS, LLC
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM
	PERFECTVISION
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM
	SABRE INDUSTRIES, INC.
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	www.sabresitesolutions.com
	SITE PRO 1
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPROT.COM

NOTE: WHEN SPECIFIED, VZWSMART KITS SHALL BE REQUIRED AND WILL BE VERIFIED DURING THE DESKTOP PMI





ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNARS, OR ANY PERSON PREPARING TO ONTURE THE FARTHY SURFACE ANYWHERE IN ANY STATE

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALLBIT.COM

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Digitally signed by Alec Norris Date: 2021.04.28 18:18:22-04'00'

SITE NAME:

LEDYARD NORTH CT · A 468220

12 ORCHARD DRIVE LEDYARD, CT 06335 NEW LONDON COUNTY



MT. LAUREL OFFICE 2000 Midlantic Drive Suite 100 Mount Laurel, NJ 08054 Phone: 856.797.0412 Fax: 856.722.1120

BILL OF MATERIALS

S-I

## GENERAL NOTES

- I. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H, MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
- 2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER
- 3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS ANY DISCREPANCIES RETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
- 4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
- 5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES
- 6. 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/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
- 8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION, CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR LISE
- 9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
- 10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER, ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
- II. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW
- 12. DO NOT SCALE DRAWINGS
- 13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
- 14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS ANY MATERIAL SURSTITUTIONS INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING
- 15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF

#### DESIGN LOADS

WIND LOADS

a. BASIC WIND SPEED (3 SECOND GUST), V = 126 MPH

b. EXPOSURE CATEGORY C

c. TOPOGRAPHIC CATEGORY I

d MEAN BASE ELEVATION (AMSL) = 173.63°

a. ICE WIND SPEED (3 SECOND GUST), V = 50 MPH

b, ICE THICKNESS = 1.00 IN

SEISMIC LOADS

LOCK WASHERS

a. SEISMIC DESIGN CATEGORY B

b, SHORT TERM MCER GROUND MOTION, Se = .192

c. LONG TERM MCER GROUND MOTION, S = .053

#### STRUCTURAL STEEL

- I. DESIGN DETAILING FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
  - a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
  - b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
  - c. AISC CODE OF STANDARD PRACTICE
- 2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN

CHANNELS, ANGLES, PLATES, ETC. ASTM A36 (GR 36) ASTM A53 (GR 35) STEEL PIPE BOLTS ASTM A325 ASTM A563 NUTS

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER, CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SLITABLE FOR LISE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES. FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.

LOCKING STRUCTURAL GRADE

- 4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR
  - a SUBMIT SHOP DRAWINGS TO
  - PETER.ALBANO@COLLIERSENGINEERING.COM
  - b. PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
- 5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
- 6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- 7. ALL NEW STEEL SHALL BE HOT BEDIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- 8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
- 9. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS. FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- 10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING
- 11. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING & COMPLETED.
- 12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- 13. ALL NEW STEEL SHALL BE HOT BEDIPPED GALVANIZED FOR FULL WEATHER PROTECTION, CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS

- 14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED. CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
- 15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER, STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE





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MT. LAUREL OFFICE 2000 Midlantic Drive

MODIFICATION NOTES

S-2

OTE: DO NOT SCALE DRAWINGS FOR CONSTRU

#### MODIFICATION INSPECTION NOTES

	MI CHECKLIST
ONSTRUCTION/ INSTALLATION INSPECTIONS AND TESTING QUIRED (COMPLETED BY EOR)	REPORT ITEM
	PRE-CONSTRUCTION
X	MI CHECKLIST DRAWING
Χ	EOR APPROVED SHOP DRAWINGS
NA	FABRICATION INSPECTION
NA	FABRICATOR CERTIFIED WELD INSPECTION
X	MATERIAL TEST REPORT (MTR)
NA	FABRICATOR NDE INSPECTION
Χ	PACKING SLIPS
ITIONAL TESTING AND INSPECTIO	DNS:
	CONSTRUCTION
X	CONSTRUCTION INSPECTIONS
NA	CONTRACTOR'S CERTIFIED WELD INSPECTION AND NDE REPORTS
Χ	ON SITE COLD GALVANIZING VERIFICATION
X	GC AS-BUILT DOCUMENTS
ITIONAL TESTING AND INSPECTIO	DNS:
	POST-CONSTRUCTION
	MI INSPECTOR REDLINE OR RECORD DRAWING(S)
Χ	
X	VZW PMI DOCUMENTS
	VZW PMI DOCUMENTS PHOTOGRAPHS

NOTE: X DENOTES A DOCUMENT REQUIRED FOR THE MI REPORT NA DENOTES A DOCUMENT THAT IS NOT REQUIRED FOR THE MI REPORT

THE MODIFICATION INSPECTION (MILES A VISUAL INSPECTION OF MODIFICATIONS AND A REVIEW THE PIODIFICATION INSPECTION AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS OF CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NAMELY THE MODIFICATION DRAWMORS, AS DESIGNED BY THE ENGINEER OF RECORD (ECR).

THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, NOR DOES THE MI INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTEGRITY RESIDES WITH THE EOR ATALL TIMES.

TO ENSURE THAT THE REQUIREMENTS OF THE MI ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MIINSPECTOR BEGIN COMMUNICATING AND COORDINATING AS OND AS A PURCHASE ORDER (FO) IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

#### MI INSPECTOR

THE MI INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO FOR THE MI TO, AT A MINIMUM

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- REVIEW THE REQUIREMENTS OF THE MI CHECKLIS I
   WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS

THE MI INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GC INSPECTION AND TEST REPORTS, REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FIELD INSPECTIONS, AND SUBMITTING THE MI REPORT TO EOR.

#### GENERAL CONTRACTOR

THE GC IS REQUIRED TO CONTACT THE MI INSPECTOR AS SOON AS RECEIVING A PO FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST WORK WITH THE MI INSPECTION, INCLUDING FOUNDATION INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MI CHECKLIST.

#### RECOMMENDATIONS

THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI
  TO BE CONDUCTED.
- TO BE CONDUCTED.

  THE CG AND MINSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
  WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MINSPECTOR ON-SITE
  SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RETENSIONING OPERATIONS.
  IT MAY BE BENEFICIAL TO INSTALL ALL MODIFICATIONS PRIOR TO CONDUCTING THE
- FOUNDATION INSPECTIONS TO ALLOW THE FOUNDATION AND MI INSPECTION(S) TO COMMENCE WITH ONE SITE VISIT. WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING
- THE MITO HAVE ANY DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

## CORRECTION OF FAILING MI'S

IF THE MODIFICATION INSTALLATION WOULD FAIL THE MI ("FAILED MI"), THE GC SHALL WORK WITH THE OWNER TO COORDINATE A REMEDIATION PLAN:

CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MI.

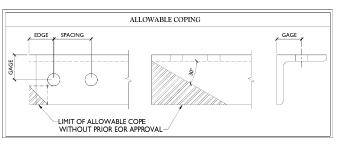
#### REQUIRED PHOTOS

BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
- RAW MATERIALS
- PHOTOS OF ALL CRITICAL DETAILS FOUNDATION MODIFICATIONS WELD PREPARATION

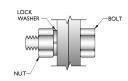
- BOLT INSTALLATION FINAL INSTALLED CONDITION SURFACE COATING REPAIR
- POST CONSTRUCTION PHOTOGRAPHS FINAL INFIELD CONDITION

PHOTOS OF FLEVATED MODIFICATIONS TAKEN ONLY FROM THE CROLIND SHALL BE CONSIDERED.



BOLT SCHEDULE (IN.)							
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING			
1/2	9/16	9/16 x 11/16	7/8	1 1/2			
5/8	11/16	11/16 × 7/8	1 1/8	I 7/8			
3/4	13/16	13/16 x 1	1 1/4	2 1/4			
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8			
ı	1 1/16	1 1/16 x 1 5/16	I 3/4	3			

WORKABLE GAGES (IN.)				
LEG	GAGE			
4	2 1/2			
3 1/2	2			
3	I 3/4			
2 1/2	I 3/8			
2	1 1/8			



#### TYP. BOLT ASSEMBLY

## NOTES:

- ALL DIMENSIONS REPRESENTED IN THE AROVE TARIES ARE AISO MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- 2. THE DIMENSIONS PROVIDED ARE THE DIPTENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM
- 3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- 4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.





NVATORS DESIGNERS OR ANY PERSO EPARING TO DISTURB THE EARTH'S LIBERATE ANNUALIZED IN ANY STATE

Know what's Belor Call before you

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT

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CS NORRIS

Digitally signed by Alec Norris Date: 2021.04.28 18:18:32-04:00

SITE NAME:

LEDYARD NORTH CT - A 468220

> 12 ORCHARD DRIVE LEDYARD, CT 06335 NEW LONDON COUNTY



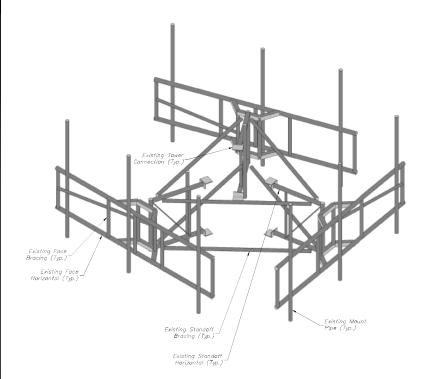
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MT, LAUREL OFFICE 2000 Midlantic Drive

MODIFICATION NOTES

S-3

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUC

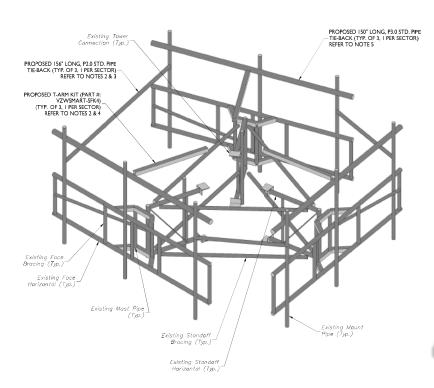


EXISTING COMBINED SECTOR FRAME ISOMETRIC VIEW SCALE : N.T.S.

#### STRUCTURAL NOTES:

1

- I. PER THE MOUNT MAPPING COMPLETED BY HUDSON DESIGN GROUP, LLC ON 2/9/2002, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (124.3") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.
- 2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.



#### PROPOSED COMBINED SECTOR FRAME ISOMETRIC VIEW

SCALE : N.T.S.

#### MODIFICATION NOTES:

- MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
- CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE STRUCTURAL STEEL NOTES ON SHEET S-2.
- CONNECT NEW TIE BACK TO EXISTING MOUNT PIPES WITH CROSSOVER PLATES (PART#: 3. VZWSMART-MSKI).
- CONNECT OTHER END OF T-ARM KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).
- CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK2).





CAVATORS DESIGNERS OR ANY PERSO PREPARING TO DISTURB THE EARTH'S BIREAUT ANNUALIDE IN ANY STATE Know what's Below Call before von-

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT

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LEDYARD NORTH CT - A 468220

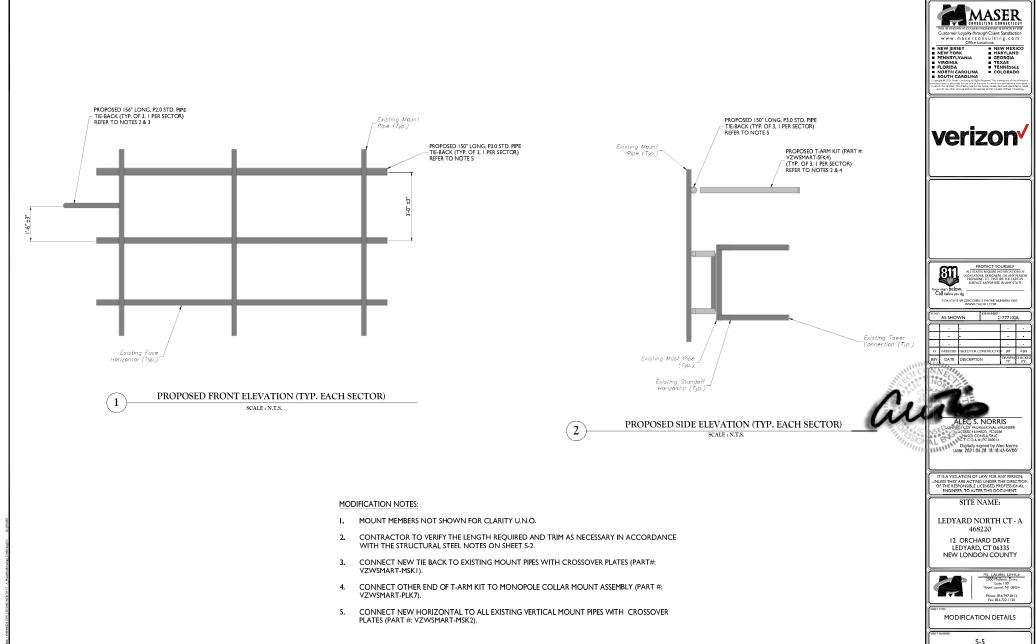
> 12 ORCHARD DRIVE LEDYARD, CT 06335 NEW LONDON COUNTY



MT. LAUREL OFFICE 2000 Midlantic Drive Phone: 856.797.0412 Fax: 856.722.1120

MODIFICATION DETAILS

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



MOUNT PHOTO 1



MOUNT PHOTO 3



**MOUNT PHOTO 2** 



MOUNT PHOTO 4



NEW JERSEY
NEW YORK
PENNSYLVANIA

INSYLVANIA GI
GINIA TI
IRIDA TI
RTH CAROLINA C

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ALLISTATE SCANATON PREPARAN SURFACE Call before you dig.

Know what's DEIOW.

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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALLBIT.COM

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Digitally support by Anch Norris

Data 202, (J. 62.8 161.464-94-070

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

SITE NAME:

LEDYARD NORTH CT - A 468220

12 ORCHARD DRIVE LEDYARD, CT 06335 NEW LONDON COUNTY



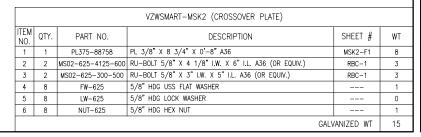
MT, LAUREL OFFICE
2000 Midlantic Drive
Sains 100
Mount Laurel, NJ 08054
Phone: 856.7331130

MOUNT PHOTOS

S-6

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.



FITS 2.375" O.D. AND 2.875" O.D. VERTICAL PIPE. (NOT INCLUDED IN THIS KIT)		8"	-	
2436 —FITS 3.5" O.D. AND 4" O.D.		0	0	
	8// 8	11/16"	0	
	<u> </u>	15/16" PL375-88	PL 3/8" X 8	7/8" X 0'-8" A36

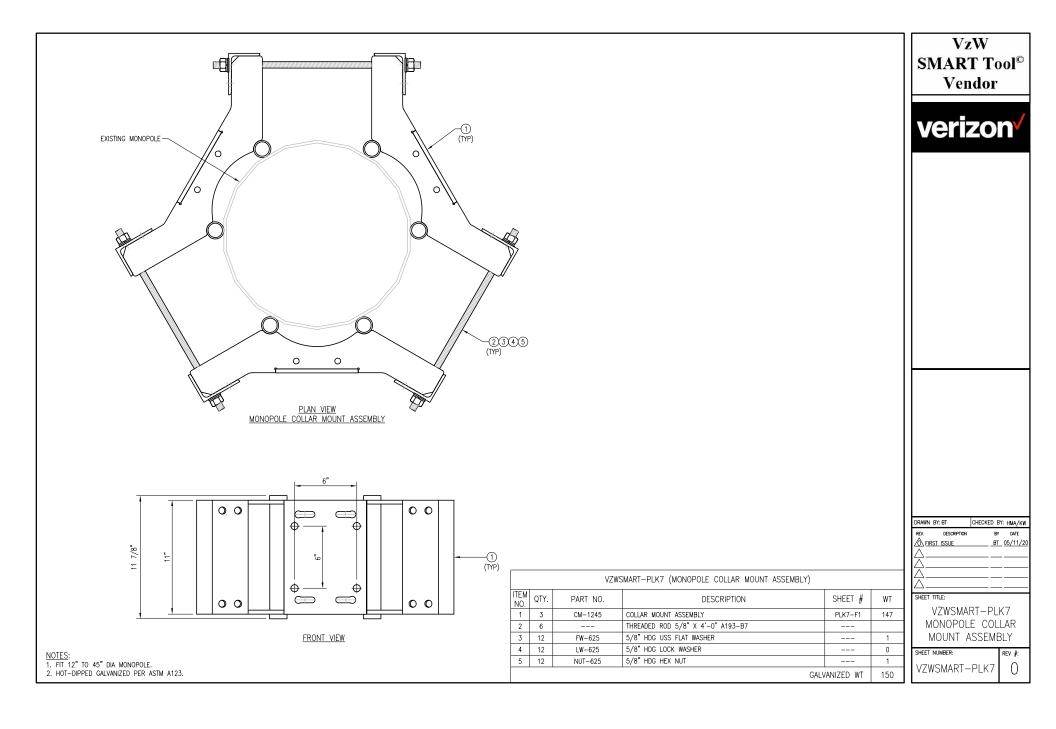
VzW SMART Tool<sup>©</sup> Vendor

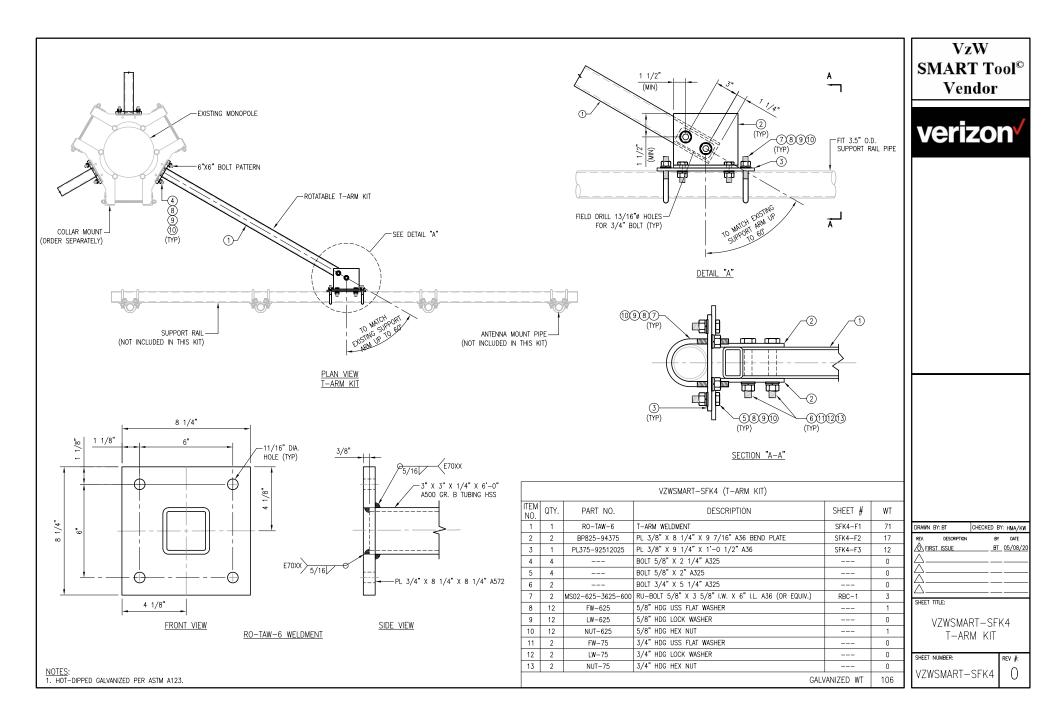
verizon v

DRAWN BY: H.R	CHECKED BY: HMA
REV. DESCRIPTION  FIRST ISSUE	BY DATE H.R 05/08/20
SHEET TITLE:	

VZWSMART-MSK2 CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK2	0





NOTES: 1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZWSMART-MSK1 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
3	8	FW-625	5/8" HDG USS FLAT WASHER		1
4	8	LW-625	5/8" HDG LOCK WASHER		0
5	8	NUT-625	5/8" HDG HEX NUT		1
	GALVANIZED WT			14	

	7"		
	0	$\circ$	
8 1/2"			
	11/16"	$\circ$	
<u>,</u>			
	15/16"	PL 3/8" X	8 1/2" X 0'-7" A36

	7"	-	
	0	0	
8 1/2"	11/16"		
<u>+</u>	15/16"	PL 3/8" X	8 1/2" X 0'-7" A36
	PL375-85	<u>7</u>	

VzW
SMART Tool®
Vendor

# verizon /

DRAWN BY: H.R	CHECKED BY: HMA
REV. DESCRIPTION	BY DATE
⚠ FIRST ISSUE	H.R 05/08/20
Δ	
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$\Delta$	
SHEET TITLE:	

V7WSMART-MSK1	
121101111111111111111111111111111111111	
CROSSOVER PLAT	F

SHEET NUMBER:	REV #:
VZWSMART-MSK1	0

FITS 2.375" O.D. AND 2.875" O.D. VERTICAL PIPE. (NOT INCLUDED IN THIS KIT)
2345  FITS 2.375" O.D. AND 2.875" O.D. HORIZONTAL PIPE. (NOT INCLUDED IN THIS KIT)





Maser Consulting Connecticut 2000 Midlantic Drive, Suite 100 Mt. Laurel, NJ 08054 (856) 797-0412 peter.albano@colliersengineering.com

# Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10055829 Maser Consulting Connecticut Project #: 21777102A

April 28, 2021

<u>Site Information</u> Site ID: 468220-VZW / LEDYARD NORTH CT - A

Site Name: LEDYARD NORTH CT - A

Carrier Name: Verizon Wireless Address: 12 Orchard Drive

Ledyard, Connecticut 06335

New London County

Latitude: 41.46827777° Longitude: -72.05447222°

**Structure Information** Tower Type: 150-Ft Monopole

Mount Type: 12.50-Ft Combined Sector Frame

**FUZE ID # 16244629** 

## **Analysis Results**

Combined Sector Frame: 87.9% 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: Conner Hoge



## **Executive Summary:**

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

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

## **Sources of Information:**

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS, Site ID: 5010222, dated February 08, 2021
Mount Mapping Report	Hudson Design Group, LLC, Site ID: 468220, dated February 09, 2021
Previous Mount Analysis Report	Maser Consulting Project #:21777102A, dated March 16, 2021
Mount Modification Drawings	Maser Consulting Project #:21777102A, dated April 28, 2021

## **Analysis Criteria:**

Analysis Software:

Codes and Standards:	ANSI/TIA-222-H
----------------------	----------------

couco ana ciandarao.	7.1101/11/11/12/22 11	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), Ice Wind Speed (3-sec. Gust): Design Ice Thickness: Risk Category: Exposure Category: Topographic Category: Topographic Feature Considered: Topographic Method: Ground Elevation Factor, Ke:	126 mph 50 mph 1.00 in II C 1 N/A N/A 0.994
Seismic Parameters:	S <sub>S</sub> : S <sub>1</sub> :	0.192 0.053
Maintenance Parameters:	Wind Speed (3-sec. Gust): Maintenance Live Load, Lv: Maintenance Live Load, Lm:	30 mph 250 lbs. 500 lbs.

RISA-3D (V17)

## **Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
			Samsung		
			Samsung		Added
			Samsung		
			Commscope		Retained
			Raycap		netallieu

## **Standard Conditions:**

- 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:

o Channel, Solid Round, Angle, Plate

HSS (Rectangular)

o Pipe

Threaded Rod

Bolts

ASTM A36 (Gr. 36)

ASTM 500 (Gr. B-46)

ASTM A53 (Gr. B-35)

F1554 (Gr. 36)

ASTM A325

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

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

## **Analysis Results:**

Component	Utilization %	Pass/Fail
Face Horizontal	56.0%	Pass
Standoff Tube	35.0%	Pass
Mast Pipe	49.0%	Pass
Standoff Horizontal	29.0%	Pass
Mount Pipe	39.0%	Pass
Connection Angle	87.9%	Pass
Standoff Vertical	15.0%	Pass
Face Vertical	37.0%	Pass
Tieback	20.0%	Pass
T-Arm	34.0%	Pass
Mount Connection	44.0%	Pass

Structure Rating – (Controlling Utilization of all Components)	87.9%

## **Recommendation:**

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

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

## **Attachments:**

Mount Photos
Mount Mapping Report (for reference only)
Analysis Calculations
Contractor Required PMI Report Deliverables
Antenna Placement Diagrams
TIA Adoption and Wind Speed Usage Letter

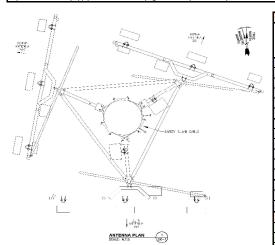






Antonno Mount Mouning Form (DATENT DENDING)									
Antenna Mount Mapping Form (PATENT PENDING)									
Tower Owner:	SBA TOWERS	Mapping Date:	2/9/2	2021					
Site Name:	LEDYARD NORTH CT	Tower Type:	Mono	pole					
Site Number or ID:	468220	Tower Height (Ft.):	150						
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	12	4.3					

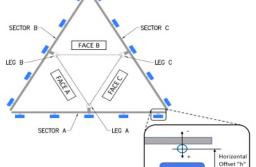
This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification, or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety equirements that may apply. TES is not warrantying the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements



Mount Pipe Configuration and Geometries [Unit = Inches]												
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."					
A1	PIPE 2" STD. X 96" LONG	79.00	12.00	C1	PIPE 2" STD. X 96" LONG	79.00	12.00					
A2	PIPE 2" STD. X 96" LONG	79.00	79.00	C2	PIPE 2" STD. X 96" LONG	79.00	79.00					
A3	PIPE 2" STD. X 96" LONG	79.00	137.00	C3	PIPE 2" STD. X 96" LONG	79.00	137.00					
A4				C4								
A5				C5								
A6				C6								
B1	PIPE 2" STD. X 96" LONG	79.00	12.00	D1								
B2	PIPE 2" STD. X 96" LONG	79.00	79.00	D2								
В3	PIPE 2" STD. X 96" LONG	79.00	137.00	D3								
B4				D4								
B5				D5								
B6				D6								
	Distance between bottom rai	l and moun	t CL elevati	on (dim d	). Unit is inches. See 'Mount Elev Ref' tab f	for details. :	21.00					
	Distance from to	p of bottor	n support r	ail to low	est tip of ant./eqpt. of Carrier above. (N/A	if > 10 ft.):						
	D: 1 ( )	C1		914 1111	-++:	·C . 40 C . )						

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.



ower Face Width at Mount Elev. (ft.):	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	35

		Enter antenn	a model.	If not label	Mountin [Units are incl	Photos of antennas					
	Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	Vertical Distances"b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> " (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
			•	•	•	Sector A					•
	Ant <sub>1a</sub>	B13 RRH 4x30	11.00	5.50	36.00		126.967	26.00	-7.00		108
	Ant <sub>1b</sub>	SBNHH-1D45C	18.00	6.50	96.00		126.383	33.00	9.00	20.00	108
	Ant <sub>1c</sub>										
	Ant <sub>2a</sub>										
	Ant <sub>2b</sub>	SBNHH-1D45C	18.00	6.50	96.00		126.383	33.00	9.00	20.00	108
	Ant <sub>2c</sub>										
	Ant <sub>3a</sub>										
+	Ant <sub>3b</sub>	LNX-6514DS-A1M	12.00	7.00	80.00		126.633	30.00	8.00	20.00	108
	Ant <sub>3c</sub>										
	Ant <sub>4a</sub>										
n	Ant <sub>4b</sub>										
	Ant <sub>4c</sub>										
1	Ant <sub>sa</sub>										
	Ant <sub>5b</sub>										
	Ant <sub>5c</sub>										
	Ant on Standoff	B4 RRH 2x60-4R	12.00	9.00	21.50						108
	Ant on Standoff	OVP BOX	16.00	11.00	27.00						109
	Ant on Tower										
	Ant on										

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<u>.                                    </u>	Antic	Antze	Antac	Ant4c	Antsc
<u>C1</u>	C2	C3 C4	C5	Pitter	Prince
	Anter	na Layout (Lo		om Tower)	<u> </u>

Mou	nt Azimuth	(Degree)	Tower Leg Azimuth (Deg	ree)						Sector B					
	for Each Se		for Each Sector	Ant	1a B13	3 RRH 4x30	11.00	5.50	36.00		126.967	26.00	-7.00		110
Sector A:	20.00	Deg Leg A:		Deg Ant	1b SBN	NHH-1D45C	18.00	6.50	96.00		126.383	33.00	9.00	180.00	110
Sector B:	180.00	Deg Leg B:		Deg Ant											
Sector C:	280.00	Deg Leg C:		Deg Ant											
Sector D:		Deg Leg D:		Deg Ant		NHH-1D45C	18.00	6.50	96.00		126.383	33.00	9.00	180.00	110
		1	cility Information	Ant											
Location:	120.00	Deg	Outside Face A	Ant			40.00				100.000			400.00	
Climbing		ccess:	Good condition. Climbing path was obstructed.	Ant Ant		X-6514DS-A1M	12.00	7.00	80.00		126.633	30.00	8.00	180.00	110
Facility		dition:	Good condition.	Ant											
	0011		ood condition	Ant											
	4 4	<u> </u>		Ant											
				Ant	5a										
9				Ant	5b										
l		6	TIP OF EQUIPMENT	Ant											
			DETAILS FROM A	Ant Stand	IR4	RRH 2x60-4R	12.00	9.00	21.50						110
			DISTANCE FROM T PLATFORM MEMBE OF ANT, PEDPT. O (N/A IF > 10 FI	CARRIER ABOVE. Ant	on	D DOV	16.00	11.00	27.00						110
				Stand	1011	P BOX	16.00	11.00	27.00						110
9	ĮĘ.	بالتحصيار	DISTANCE FROM 1	Ant											
EXISTING PLATFORM-			DISTANCE FROM I PLATFORM MEMBER OF ANTI-QUIPT. OF (N/A IF > 10 FI	CARRIER BELOW.											
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c		33	-	Ant		NHH-1D45C	18.00	6.50	96.00		126.383	33.00	9.00	280.00	111
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			-1	Ant	<sub>2b</sub> SBN	NHH-1D45C	18.00	6.50	96.00		126.383	33.00	9.00	280.00	111
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			<del>-</del>	Ant											
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_		_	DISTANCE FROM	TOP OF BOTTOM And											
			SUPPORT RAIL ANT./EQPT. OF (N/A IF > 10 I	TOP OF BOTTOM O LOWEST TIP OF CARRIER ABOVE.											
				Ant											
				Ant											
EXISTING SECTOR FR MO	AME——	, ,	DISTANCE FROM SUPPORT ALL ANT, JECOT. OF (N/A FF > 10 I	TOP OF BOTTOM O HIGHEST TIP OF CARRIER BELOW. And	Sb										
			TIP OF EQUIPMENT	Ant	5c										
ľ	] [	וווווווווווווווווווווווווווווווווווווו		Ant Stand	184	RRH 2x60-4R	12.00	9.00	21.50						111
C				Ant											
E.			<u> </u>	Stand											
L_			1	Ant Tow											
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				Ant Stand											
				Ant											
				Stand											
				Ant Tow											
				Ant											
				Tow	er										
						and Structural Issu									

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

1		
2	CUSTOMER FILE #86C-566 57976EH, SITE NAME OPTSITE, INC 06C3664 0607, MODEL, 150 FT., MANUFACTURED TAPERED STEEL POLE, DRAWING # 807C239	26
3	(2) 1-1/4Ø HYBRID CABLES	129
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.

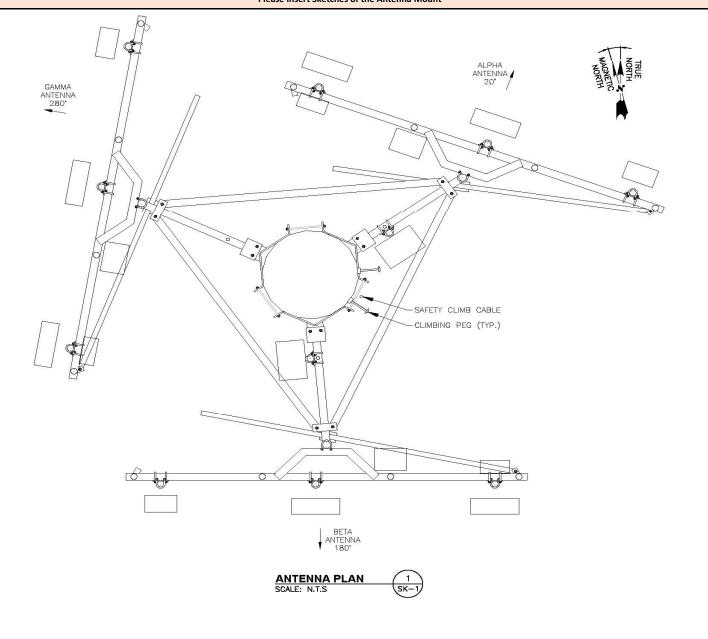
V3.0 Updated on 8-31-2020

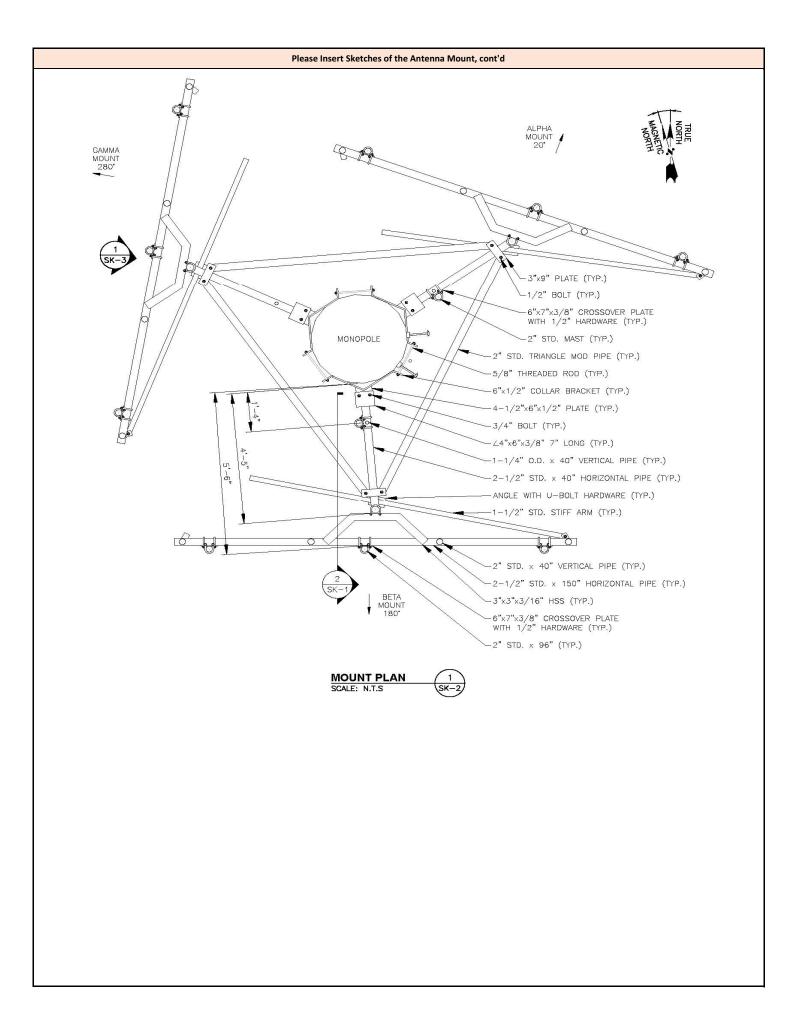


Antenna Mount Mapping Form (PATENT PENDING)									
Tower Owner:	SBA TOWERS	Mapping Date:	2/9/2	2021					
Site Name:	LEDYARD NORTH CT	Tower Type:	Mono	pole					
Site Number or ID:	468220	Tower Height (Ft.):	15	50					
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	12	1.3					

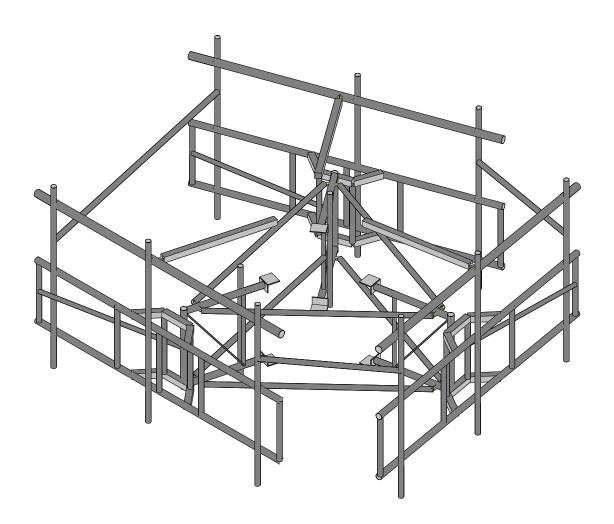
This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warrantying the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

## Please Insert Sketches of the Antenna Mount







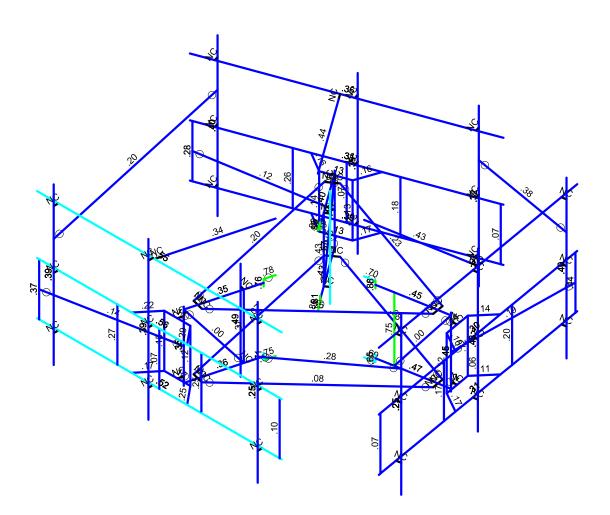


## Envelope Only Solution

Maser Consulting		SK - 1	
	468220-VZW_MT_LO_H	Apr 22, 2021 at 4:40 PM	
Project No. 10055829		Mod_468220-VZW_MT_LO_H.r3d	





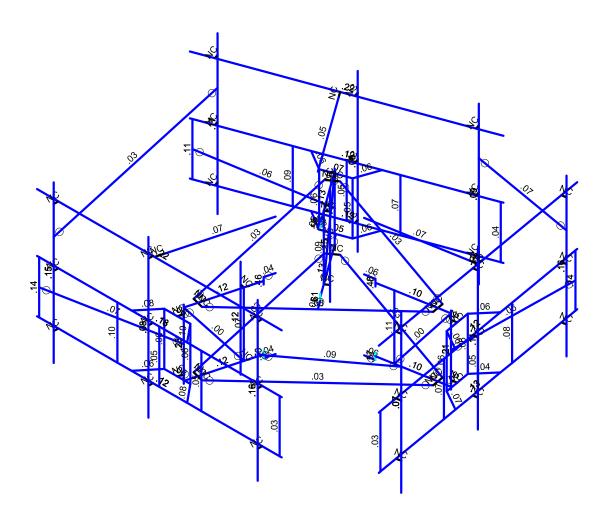


Member Code Checks Displayed (Enveloped) Envelope Only Solution

Maser Consulting		SK - 2
	468220-VZW_MT_LO_H	Apr 22, 2021 at 4:40 PM
Project No. 10055829		Mod_468220-VZW_MT_LO_H.r3d







Member Shear Checks Displayed (Enveloped) Envelope Only Solution

Maser Consulting		SK - 3
	468220-VZW_MT_LO_H	Apr 22, 2021 at 4:40 PM
Project No. 10055829		Mod_468220-VZW_MT_LO_H.r3d

Company :
Designer :
Job Number :
Model Name :

: Maser Consulting

: : Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:40 PM Checked By:\_\_\_

# **Basic Load Cases**

	BLC Description	Category	X Gravi	.Y Gravi	Z Gravity	Joint	Point	Distrib	Area(M	.Surfac
1	Antenna D	None					78			
2	Antenna Di	None					78			
3	Antenna Wo (0 Deg)	None					78			
4	Antenna Wo (30 Deg)	None					78			
5	Antenna Wo (60 Deg)	None					78			
6	Antenna Wo (90 Deg)	None					78			
7	Antenna Wo (120 Deg)	None					78			
8	Antenna Wo (150 Deg)	None					78			
9	Antenna Wo (180 Deg)	None					78			
10	Antenna Wo (210 Deg)	None					78			
11	Antenna Wo (240 Deg)	None					78			
12	Antenna Wo (270 Deg)	None					78			
13	Antenna Wo (300 Deg)	None					78			
14	Antenna Wo (330 Deg)	None					78			
15	Antenna Wi (0 Deg)	None					78			
16	Antenna Wi (30 Deg)	None					78			
17	Antenna Wi (60 Deg)	None					78			
18	Antenna Wi (90 Deg)	None					78			
19	Antenna Wi (120 Deg)	None					78			
20	Antenna Wi (150 Deg)	None					78			
21	Antenna Wi (180 Deg)	None					78			
22	Antenna Wi (210 Deg)	None					78			
23	Antenna Wi (240 Deg)	None					78			
24	Antenna Wi (270 Deg)	None					78			
25	Antenna Wi (300 Deg)	None					78			
26	Antenna Wi (330 Deg)	None					78			
27	Antenna Wm (0 Deg)	None					78			
28	Antenna Wm (30 Deg)	None					78			
29	Antenna Wm (60 Deg)	None					78			
30	Antenna Wm (90 Deg)	None					78			
31	Antenna Wm (120 Deg)	None					78			
32	Antenna Wm (150 Deg)	None					78			
33	Antenna Wm (180 Deg)	None					78			
34	Antenna Wm (210 Deg)	None					78			
35	Antenna Wm (240 Deg)	None					78			
36	Antenna Wm (270 Deg)	None					78			
37	Antenna Wm (300 Deg)	None					78			
38	Antenna Wm (330 Deg)	None					78			
39	Structure D	None		-1						
40	Structure Di	None						101		
41	Structure Wo (0 Deg)	None						202		
42	Structure Wo (30 Deg)	None						202		
43	Structure Wo (60 Deg)	None						202		
44	Structure Wo (90 Deg)	None						202		
45	Structure Wo (120 Deg)	None						202		
46	Structure Wo (150 Deg)	None						202		
47	Structure Wo (180 Deg)	None						202		
48	Structure Wo (210 Deg)	None						202		
49	Structure Wo (240 Deg)	None						202		
50	Structure Wo (270 Deg)	None						202		
51	Structure Wo (300 Deg)	None						202		
52	Structure Wo (330 Deg)	None						202		
53	Structure Wi (0 Deg)	None						202		
54	Structure Wi (30 Deg)	None						202		
55	Structure Wi (60 Deg)	None						202		
56	Structure Wi (90 Deg)	None						202		

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# **Basic Load Cases (Continued)**

	BLC Description	Category	X GraviY GraviZ Gravity Join	nt Point	Distrib Area(MSurfac
57	Structure Wi (120 Deg)	None			202
58	Structure Wi (150 Deg)	None			202
59	Structure Wi (180 Deg)	None			202
60	Structure Wi (210 Deg)	None			202
61	Structure Wi (240 Deg)	None			202
62	Structure Wi (270 Deg)	None			202
63	Structure Wi (300 Deg)	None			202
64	Structure Wi (330 Deg)	None			202
65	Structure Wm (0 Deg)	None			202
66	Structure Wm (30 Deg)	None			202
67	Structure Wm (60 Deg)	None			202
68	Structure Wm (90 Deg)	None			202
69	Structure Wm (120 Deg)	None			202
70	Structure Wm (150 Deg)	None			202
71	Structure Wm (180 Deg)	None			202
72	Structure Wm (210 Deg)	None			202
73	Structure Wm (240 Deg)	None			202
74	Structure Wm (270 Deg)	None			202
75	Structure Wm (300 Deg)	None			202
76	Structure Wm (330 Deg)	None			202
77	Lm1	None		1	
78	Lm2	None		1	
79	Lv1	None		1	
80	Lv2	None		1	

# **Load Combinations**

	Description	S	PDelta	S	B Fa	BLC	Fa	BLC	Fa	В	Fa	.B	Fa	В	Fa	В	Fa	В	Fa	.B	Fa	В	Fa
1	1.2D+1.0Wo (0 Deg)	Yes	Υ		1 1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Υ		1 1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Υ		1 1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Υ		1 1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 D	Yes	Υ		1 1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 D	Yes	Υ		1 1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 D	Yes	Υ		1 1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 D	Yes	Υ		1 1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 D	Yes	Υ		1 1.2	39	1.2	11	1	49													
10	1.2D+1.0Wo (270 D	Yes	Υ		1 1.2	39	1.2	12	1	50													
11	1.2D+1.0Wo (300 D	Yes	Υ		1 1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 D	Yes	Υ		1 1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi	.Yes	Υ		1 1.2	39	1.2	2	1	40		15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi	.Yes	Υ		1 1.2	39	1.2	2	1	40		16		54	1								
15	1.2D + 1.0Di + 1.0Wi	.Yes	Υ		1 1.2	39	1.2	2	1	40		17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi	Yes	Υ		1 1.2	39	1.2	2	1	40		18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi	.Yes	Υ		1 1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi	Yes	Υ		1 1.2	39	1.2	2	1	40		20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi	.Yes	Υ		1 1.2	39	1.2	2	1	40		21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi	Yes	Υ		1 1.2	39	1.2	2	1	40		22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi	.Yes	Υ		1 1.2	39	1.2	2	1	40		23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi	Yes	Υ		1 1.2	39	1.2	2	1	40		24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi	Yes	Y		1 1.2	39	1.2	2	1	40	1	25		63	1								
24	1.2D + 1.0Di + 1.0Wi	.Yes	Y		1 1.2	39	1.2	2	1	40	1	26		64	1								
25	1.2D + 1.5Lm1 + 1.0	Yes	Y		1 1.2	39	1.2	77	1.5		1	65											
26	1.2D + 1.5Lm1 + 1.0	Yes	Y		1 1.2	39	1.2	77		28	1	66											
27	1.2D + 1.5Lm1 + 1.0	Yes	Ÿ		1 1.2	39	1.2	77		29		67	1										
28	1.2D + 1.5Lm1 + 1.0	Yes	Ÿ		1 1.2	39	1.2	77		30		68	1										



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# **Load Combinations (Continued)**

Description S F	Delta SB.		BLC Fa	BLC	Fa B I	- a	B Fa	.BF	аВ	<sub>.</sub> Fa	.B	Fa	В	Fa	B [	- a
29 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 31	1	69 1									
30 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 32	1	70 1									
31 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 33	1	71 1									
32 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 34	1	72 1									
33 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 35	1	73 1									
34 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 36	1	74 1									
35 1.2D + 1.5Lm1 + 1.0Yes	Y 1		39 1.2	77	1.5 37		75 1									
36 1.2D + 1.5Lm1 + 1.0Yes	Y 1	1.2	39 1.2	77	1.5 38	1	76 1									
37 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 27	1	65 1									
38 1.2D + 1.5Lm2 + 1.0Yes	Y 1		39 1.2	78	1.5 28	1	66 1									
39 1.2D + 1.5Lm2 + 1.0Yes	Y 1		39 1.2	78	1.5 29	1	67 1									
40 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 30	1	68 1									
41 1.2D + 1.5Lm2 + 1.0Yes	Y 1		39 1.2	78	1.5 31		69 1									
42 1.2D + 1.5Lm2 + 1.0Yes	Y 1		39 1.2	78	1.5 32		70 1									
43 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 33	1	71 1									
44 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 34	1	72 1									
45 1.2D + 1.5Lm2 + 1.0Yes	Y 1		39 1.2	78	1.5 35	1	73 1									
46 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 36	1	74 1									
47 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 37	1	75 1									
48 1.2D + 1.5Lm2 + 1.0Yes	Y 1	1.2	39 1.2	78	1.5 38		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 + 1.0E	Y 1	1.2	39 1.2	SX	SY	1	SZ -1									
54 1.2D + 1.0Ev + 1.0E	Y 1	1.2	39 1.2	SX	.5 SY	1	SZ8	.								
55 1.2D + 1.0Ev + 1.0E	Y 1	1.2	39 1.2	SX	.866 SY	1	SZ5									
56 1.2D + 1.0Ev + 1.0E	Y 1	1.2	39 1.2	SX	1 SY	1	SZ									
57 1.2D + 1.0Ev + 1.0E	Y 1		39 1.2	SX	.866 SY	1	SZ .5									
58 1.2D + 1.0Ev + 1.0E	Y 1	1.2	39 1.2	SX	.5 SY	1	SZ .866	6								
59 1.2D + 1.0Ev + 1.0E	Y 1	1.2	39 1.2	SX	SY	1	SZ 1									
60 1.2D + 1.0Ev + 1.0E	Y 1		39 1.2	SX	5 SY		SZ .866	6								
61 1.2D + 1.0Ev + 1.0E	Y 1		39 1.2	SX	8 SY	1	SZ .5									
62 1.2D + 1.0Ev + 1.0E	Y 1		39 1.2	SX	-1 SY		SZ									
63 1.2D + 1.0Ev + 1.0E	Y 1		39 1.2	SX	8 SY		SZ5									
64 1.2D + 1.0Ev + 1.0E	Y 1		39 1.2	SX	5 SY		SZ8									

# **Joint Coordinates and Temperatures**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
1	N179A	-7.797522	-3.125	6.692098	0	
2	N180	4.702478	-3.125	6.692098	0	
3	N181	-7.797522	-0.458333	6.692098	0	
4	N182	4.702478	-0.458333	6.692098	0	
5	N189	-1.547522	-3.125	5.775431	0	
6	N190	-1.547522	-0.458333	5.775431	0	
7	N192	-0.130855	-0.458333	6.692098	0	
8	N194	-2.964189	-0.458333	6.692098	0	
9	N196	-0.880856	-0.458333	5.775431	0	
10	N198	-2.214189	-0.458333	5.775431	0	
11	N199	-1.477425	-3.125	5.513827	0	
12	N200	-1.477425	-0.458333	5.513827	0	
13	N201	-1.477425	-0.041667	5.513827	0	
14	N202	-1.477425	-3.541667	5.513827	0	
15	N203	-1.477425	-0.166667	5.513827	0	
16	N204	-1.477425	-3.416667	5.513827	0	

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		•		minitaca)		
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
17	N205	-0.614695	-0.166667	2.294074	Ó	
18	N206	-0.614695	-3.416667	2.294074	0	
19	N211	3.702478	-0.458333	6.692098	0	
20	N212	3.702478	-0.458333	6.921265	0	
21	N213	3.702478	-3.125	6.692098	0	
22	N214	3.702478	-3.125	6.921265	0	
23	N214 N215	3.702478	3.458333	6.921265	0	
	N216	3.702478	-4.541667	6.921265		
24	N32			6.692098	0	
25		-0.130855	-3.125		0	
26	N33	-2.964189	-3.125	6.692098	0	
27	N34	-0.880856	-3.125	5.775431	0	
28	N35	-2.214189	-3.125	5.775431	0	
29	N31	-0.614695	-3.25	2.294074	0	
30	N32A	-0.614695	-3.583333	2.294074	0	
31	N34A	-0.485286	-3.583333	1.811111	0	
32	N32B	-0.614695	0.	2.294074	0	
33	N33A	-0.614695	-0.333333	2.294074	0	
34	N36	-0.485286	0.	1.811111	0	
35	N35A	-0.830378	-0.166667	3.099012	0	
36	N36A	-0.830378	-3.416667	3.099012	0	
37	N37	-1.547522	-3.125	6.692098	0	
38	N38	-1.547522	-0.458333	6.692098	0	
39	N39	-7.693356	-3.125	6.692098	0	
40	N40	-7.693356	-0.458333	6.692098	0	
41	N43	-3.693356	-3.125	6.692098	0	
42	N44	-3.693356	-0.458333	6.692098	0	
43	N43A	4.598311	-3.125	6.692098	0	
44	N44A	4.598311	-0.458333	6.692098	0	
45	N45	0.598311	-3.125	6.692098	0	
46	N46	0.598311	-0.458333	6.692098	0	
47	N47	-1.326448	-0.166667	4.95037	0	
48	N48	-1.044719	-0.166667	5.025859	0	
49	N49	-1.608176	-0.166667	4.874881	0	
50	N50	-1.326448		4.95037	0	
51	N51	-1.044719		5.025859		
			-3.416667		0	
52	N52	-1.608176	-3.416667	4.874881	0	
53	N54	-1.477425	-1.791667	5.513827	0	
54	N55	-1.880855	-0.458333	6.692098	0	
55	N56	-1.880855	-0.458333	6.921265	0	
56	N57	-1.880855	-3.125	6.692098	0	
57	N58	-1.880855	-3.125	6.921265	0	
58	N59	-1.880855	3.458333	6.921265	0	
59	N60	-1.880855		6.921265	0	
60	N61	-6.714189		6.692098	0	
61	N62	-6.714189	-0.458333	6.921265	0	
62	<u>N63</u>	-6.714189	-3.125	6.692098	0	
63	N64	-6.714189	-3.125	6.921265	0	
64	N65	-6.714189		6.921265	0	
65	N66	-6.714189	-4.541667	6.921265	0	
66	CP	0.	0	-0.	0	
67	N293A	1.834027	0.	-0.389834	0	
68	N331	-1.393397	0.	-1.25462	0	
69	N306A	1.760464	-3.125	-7.578807	0	
70	N307B	-9.985694	-3.125	-3.303555	0	
71	N308A	1.760464	-0.458333	-7.578807	0	
72	N309B	-9.985694	-0.458333	-3.303555	0	
73	N310A	-3.799096	-3.125	-4.579796	0	
		,				

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	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
74	N311B	-3.799096	-0.458333	-4.579796	0	
75	N312A	-5.443846	-0.458333	-4.956652	0	
76	N313B	-2.781384	-0.458333	-5.925709	0	
77	N314A	-4.425558	-0.458333	-4.351783	0	
78	N315B	-3.172635	-0.458333	-4.807809	0	
79	N316A	-3.640345	-3.125	-4.360368	0	
80	N317A	-3.640345		-4.360368	0	
81	N318	-3.640345	-0.041667	-4.360368	0	
82	N319A	-3.640345	-3.541667	-4.360368	0	
83	N320	-3.640345	-0.166667	-4.360368	0	
84	N321A	-3.640345	-3.416667	-4.360368	0	
85	N322	-1.686477	-0.166667	-1.659718	0	
86	N323A	-1.686477	-3.416667	-1.659718	0	
87	N324	-9.046001	-0.458333	-3.645575	0	
88	N325A	-9.124381	-0.458333		0	
89	N326	-9.046001	-3.125	-3.645575	0	
90	N327A	-9.124381	-3.125	-3.860921	0	
91	N328	-9.124381	3.458333	-3.860921	0	
92	N329A	-9.124381	<u>-4.541667</u>	-3.860921	0	
93	N330	-5.443846	-3.125	-4.956652	0	
94	N331A	-2.781384	-3.125	-5.925709	0	
95	N332	-4.425558	-3.125	-4.351783	0	
96 97	N333A N334	-3.172635 -1.686477	-3.125 -3.25	-4.807809 -1.659718	0	
98	N335A	-1.686477	-3.583333	-1.659718	0	
99	N336	-1.393397	-3.583333	-1.25462	0	
100	N337A	-1.686477	0.	-1.659718	0	
101	N338	-1.686477	-0.333333	-1.659718	0	
102	N340	-2.174944	-0.166667	-2.33488	0	
103	N341A	-2.174944	-3.416667	-2.33488	0	
104	N342	-4.112615	-3.125	-5.441181	0	
105	N343A	-4.112615		-5.441181	0	
106	N344	1.662579	-3.125	-7.54318	0	
107	N345A	1.662579	-0.458333	-7.54318	0	
108	N346	-2.096191	-3.125	-6.175099	0	
109	N347	-2.096191	-0.458333	-6.175099	0	
110	N348	-9.887809	-3.125	-3.339182	0	
111	N349	-9.887809	-0.458333	-3.339182	0	
112	N350	-6.129039	-3.125	-4.707263	0	
113	N351	-6.129039	-0.458333	-4.707263	0	
114	N352	-3.298418	-0.166667	-3.887754	0	
115	N353	-3.534725		-3.716791	0	
116	N354	-3.062111			0	
117	N355		-3.416667	-3.887754	0	
118	N356	-3.534725		-3.716791	0	
119	N357	-3.062111	-3.416667	-4.058718	0	
120	N358	-9.887809		-3.339182	0	
121	N360	-3.799384			0	
122	N361	-3.877764	-0.458333	-5.770534	0	
123	N362	-3.799384	-3.125	-5.555188	0	
124	N363	-3.877764	-3.125	-5.770534	0	
125	N364	-3.877764		-5.770534	0	
126	N365	-3.877764		-5.770534 7.209295	0	
127	N366	0.742464	-0.458333	-7.208285	0	
128	N367	0.664084 0.742464	-0.458333 -3.125		<u> </u>	
129	N368			-7.208285	<u> </u>	
130	N369	0.664084	-3.125	-7.423631	0	



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	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
131	N370	0.664084	3.458333	-7.423631	0	
132	N371	0.664084	-4.541667	-7.423631	0	
133	N372A	7.863883	-3.125	4.893355	0	
134	N373	5.693281	-3.125	-7.416741	0	
135	N374	7.863883	-0.458333	4.893355	0	
136	N375	5.693281	-0.458333	-7.416741	0	
137	N376	5.875842	-3.125	-1.102515	0	
138	N377	5.875842	-0.458333	-1.102515	0	
139	N378	6.532581	-0.458333	-2.656837	0	
140	N379	7.024584	-0.458333	0.133451	0	
141	N380	5.760076	-0.458333	-1.759054	0	
142	N381	5.991607	-0.458333	-0.445977	0	
143	N382	5.609123	-3.125	-1.055486	0	
144	N383	5.609123	-0.458333	-1.055486	0	
145	N384	5.609123	-0.041667	-1.055486	0	
146	N385	5.609123	-3.541667	-1.055486	0	
147	N386	5.609123	-0.166667	-1.055486	0	
148	N387	5.609123	-3.416667	-1.055486	0	
149	N388	2.326431	-0.166667	-0.476659	0	
150	N389	2.326431	-3.416667	-0.476659	0	
151	N390	5.866929	-0.458333	-6.431934	0	
152	N391	6.092615	-0.458333	-6.471728	0	
153	N392	5.866929	-3.125	-6.431934	0	
154	N393	6.092615	-3.125	-6.471728	0	
155	N394	6.092615	3.458333	-6.471728	0	
156	N395	6.092615	-4.541667	-6.471728	0	
157	N396	6.532581	-3.125	-2.656837	0	
158	N397	7.024584	-3.125	0.133451	0	
159	N398	5.760076	-3.125	-1.759054	0	
160	N399	5.991607	-3.125	-0.445977	0	
161	N400	2.326431	-3.25	-0.476659	0	
162	N401	2.326431	-3.583333	-0.476659	0	
163	N402	1.834027	-3.583333	-0.389834	0	
164	N403	2.326431	0.	-0.476659	0	
165	N404	2.326431	-0.333333	-0.476659	0	
166	N406	3.147104	-0.166667	-0.621365	0	
167	N407	3.147104	-3.416667	-0.621365	0	
168	N408	6.778582	-3.125	-1.261693	0	
169	N409	6.778582	-0.458333	-1.261693	0	
170	N410	7.845795	-3.125	4.790771	0	
171	N411	7.845795	-0.458333	4.790771	0	
172	N412	7.151202	-3.125	0.85154	0	
173	N413	7.151202	-0.458333	0.85154	0	
174	N414	5.71137	-3.125	7.314157	0	
175 176	N415 N416	5.71137	-0.458333 -3.125	-7.314157 -3.374926	<u> </u>	
		6.405962				
177	N417	6.405962	-0.458333		0	
178	N418 N419	5.034652 4.984005	-0.166667 0.166667	-0.954191 -1.241427	0	
179 180	N419 N420	5.085299	-0.166667	-0.666955	0	
181	N420 N421	5.085299	<u>-0.166667</u>	-0.954191	0	
182		4.984005	-3.416667			
183	N422 N423		-3.416667 3.416667	-1.241427	0	
184	N423 N424	5.085299 5.71137	-3.416667 -1.791667	-0.666955 -7.314157	0	
185	N424 N426	6.836465	-0.458333	-0.933424	0	
186	N420 N427	7.06215	-0.458333		0	
187	N427 N428	6.836465	-3.125	-0.933424	0	
10/	IN4∠0	<u> </u>	3.125	<del>-</del> U.333424	U	



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			•	maca,		
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
188	N429	7.06215	-3.125	-0.973218	0	
189	N430	7.06215	3.458333	-0.973218	0	
190	N431	7.06215	-4.541667	-0.973218	0	
191	N432	7.675765	-0.458333	3.82648	0	
192	N433	7.90145	-0.458333	3.786686	0	
193	N434	7.675765	-3.125	3.82648	0	
194	N435	7.90145	-3.125	3.786686	0	
195	N436	7.90145	3.458333	3.786686	0	
196	N437	7.90145	-4.541667	3.786686	0	
197	N200A	-3.640345	-1.791667	-4.360368	0	
198	N200B	5.609123	-1.791667	-1.055486	0	
199	N204A	-1.051736	-0.166667	3.039699	0	
200	N203A	-1.989274	-0.166667	-2.469209	0	
201	N204B	-1.051736	-3.416667	3.039699	0	
202	N205A	-1.989274	-3.416667	-2.469209	0	
203	N204C	-1.051736	0.833333	3.039699	0	
204	N205B	-1.989274	0.833333	-2.469209	0	
205	N206A	-1.051736	-4.166667	3.039699	0	
206	N207	-1.989274	-4.166667	-2.469209	0	
207	N208	-7.693356	-1.791667	6.692098	0	
208	N214A	-0.485286	2.5	1.811111	0	
209	N215A	1.834027	2.5	-0.389834	0	
210	N217	-7.797522	2.5	6.692098	0	
211	N218	4.702478	2.5	6.692098	0	
212	N219	3.702478	2.5	6.692098	0	
213	N220	3.702478	2.5	6.921265	0	
214	N221	-1.880855	2.5	6.692098	0	
215	N222	-1.880855	2.5	6.921265	0	
216	N223	-6.714189	2.5	6.692098	0	
217	N224	-6.714189	2.5	6.921265	0	
218	N225	1.760464	2.5	-7.578807	0	
219	N226	-9.985694	2.5	-3.303555	0	
220	N227	-9.046001	2.5	-3.645575	0	
221	N228	-9.124381	2.5	-3.860921	0	
222	N229	-3.799384	2.5	-5.555188	0	
223	N230	-3.877764	2.5	-5.770534	0	
224	N231	0.742464	2.5	-7.208285	0	
225	N232	0.664084	2.5	-7.423631	0	
226	N233	7.863883	2.5	4.893355	0	
227	N234	5.693281	2.5	-7.416741	0	
228	N235	5.866929	2.5	-6.431934	0	
229	N236	6.092615	2.5	-6.471728	0	
230	N237	6.836465	2.5	-0.933424	0	
231	N238	7.06215	2.5	-0.973218	0	
232	N239	7.675765	2.5	3.82648	0	
233	N240	7.90145	2.5	3.786686	0	
234	N244	-1.793142	2.5	6.692098	0	
235	N246A	6.778582	2.5	-1.261693	0	
236	N244A	-1.706869	2.5	6.370123	0	
237	N245	6.450313	2.5	-1.20381	0	
238	N250	-6.714189	1.041667	6.921265	0	
239	N251	0.664084	1.041667	-7.423631	0	
240	N252	7.90145	1.041667	3.786686	0	
241	N250A	3.702478	1.041667	6.921265	0	
242	N252A	-9.124381	1.041667	-3.860921	0	
243	N253A	6.092615	1.041667	-6.471728	0	
244	N253C	-1.393397	2.5	-1.25462	0	



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# Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
245	N255A	-4.357743	2.5	-5.351962	0	
246	N255B	-4.162356	2.5	-5.081897	0	

## **Hot Rolled Steel Section Sets**

	Label	Shape	Type	Design List	Material	Design	A [in2]	lyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
2	Face Vertical	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
3	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	Standoff Tube	HSS3X3X3	Beam	SquareTube	A500 Gr. B	Typical	1.89	2.46	2.46	4.03
5	Mast Pipe	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
6	Standoff Horizontal	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
7	Standoff Vertical	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
8	Standoff Vertical P1.25	PIPE 1.25	Column	Pipe	A53 Gr. B	Typical	.625	.184	.184	.368
9	Standoff Bracing	SR 0.5	Column	BÁR	A36 Gr.36	Typical	.196	.003	.003	.006
10	Tieback	PIPE 1.5	Beam	Pipe	A53 Gr. B	Typical	.749	.293	.293	.586
11	Bracing Pipe	PIPE 2.0	Beam	Pipe .	A53 Gr. B	Typical	1.02	.627	.627	1.25
12	Connection Angle	PL3/8x7	Beam	RECT	A36 Gr.36	Typical	2.625	.031	10.719	.119
13	Mod Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69
14	Mod Standoff	HSS3X3X4	Beam	SquareTube	A500 Gr. B	Typical	2.44	3.02	3.02	5.08
15	Mod Tieback	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25

# **Hot Rolled Steel Properties**

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

## **Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(de	. Section/Shape	Type	Design List	Material	Design Rules
1	M109	N179A	N180		,	Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
2	M110	N181	N182			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
3	M116	N198	N194			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
4	M117	N196	N198			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
5	M118	N192	N196			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
6	M122	N190	N200			RIGID	None	None	RIGID	Typical
7	M123	N189	N199			RIGID	None	None	RIGID	Typical
8	M124	N201	N202			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
9	M125	N203	N205			Standoff Horizontal	Beam	Pipe	A53 Gr. B	Typical
10	M126	N204	N206			Standoff Horizontal	Beam	Pipe	A53 Gr. B	Typical
11	M127	N198	N35			Standoff Vertical	Column	Pipe	A53 Gr. B	Typical
12	M128	N196	N34			Standoff Vertical	Column	Pipe	A53 Gr. B	Typical
13	M129	N211	N212			RIGID	None	None	RIGID	Typical
14	M130	N213	N214			RIGID	None	None	RIGID	Typical
15	MP1A	N215	N216			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
16	M18	N35	N33			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
17	M19	N34	N35			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
18	M20	N32	N34			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
19	M21	N31	N32A		15	Connection Angle	Beam	RECT	A36 Gr.36	Typical
20	M22	N32A	N34A		270	Connection Angle	Beam	RECT	A36 Gr.36	Typical

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# **Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(de	Section/Shape	Type	Design List	Material	Design Rules
21	M21A	N32B	N33A		15	Connection Angle	Beam	RECT	A36 Gr.36	
22	M23	N32B	N36		90	Connection Angle	Beam	RECT	A36 Gr.36	Typical
23	M23A	N35A	N36A			Standoff Vertical P1.25	Column	Pipe	A53 Gr. B	Typical
24	M24	N203	N36A			Standoff Bracing	Column	BAR	A36 Gr.36	Typical
25	M25	N38	N37			Face Vertical	Column	Pipe	A53 Gr. B	Typical
26	M26	N40	N39			Face Vertical	Column	Pipe	A53 Gr. B	Typical
27	M27	N44	N43			Face Vertical	Column	Pipe	A53 Gr. B	Typical
28	M28	N44A	N43A			Face Vertical	Column	Pipe	A53 Gr. B	Typical
29	M29	N46	N45			Face Vertical	Column	Pipe	A53 Gr. B	Typical
30	M30	N49	N47			RIGID	None	None	RIGID	Typical
31	M31	N47	N48			RIGID	None	None	RIGID	Typical
32	M32	N52	N50			RIGID	None	None	RIGID	Typical
33	M33	N50	N51			RIGID	None	None	RIGID	Typical
34	M35	N55	N56			RIGID	None	None	RIGID	Typical
35	M36	N57	N58			RIGID	None	None	RIGID	Typical
36	MP2A	N59	N60			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
37	M38	N61	N62			RIGID	None	None	RIGID	Typical
38	M39	N63	N64			RIGID	None	None	RIGID	Typical
39	MP3A	N65	N66			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
40	M161	N306A	N307B			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
41	M162	N308A	N309B			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
42	M163	N315B	N313B			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
43	M164	N314A	N315B			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
44	M165	N312A	N314A			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
45	M166	N311B	N317A			RIGID	None	None	RIGID	Typical
46	M167	N310A	N316A			RIGID	None	None	RIGID	Typical
47	M168	N318	N319A			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
48	M169	N320	N322			Standoff Horizontal	Beam	Pipe	A53 Gr. B	Typical
49	M170	N321A	N323A			Standoff Horizontal	Beam	Pipe	A53 Gr. B	Typical
50	M171	N315B	N333A			Standoff Vertical	Column	Pipe	A53 Gr. B	Typical
51	M172	N314A	N332			Standoff Vertical	Column	Pipe	A53 Gr. B	Typical
52	M173	N324	N325A			RIGID	None	None	RIGID	Typical
53	M174	N326	N327A			RIGID	None	None	RIGID	Typical
54	MP1B	N328	N329A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
55	M176	N333A	N331A			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
56	M177	N332	N333A			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
57	M178	N330	N332			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
58	M179	N334	N335A		325	Connection Angle	Beam	RECT	A36 Gr.36	
59	M180	N335A	N336		270	Connection Angle	Beam	RECT	A36 Gr.36	Typical
60	M181	N337A	N338		325	Connection Angle	Beam	RECT	A36 Gr.36	Typical
61	M182	N337A	N331		270	Connection Angle	Beam	RECT	A36 Gr.36	Typical
62	M183	N340	N341A			Standoff Vertical P1.25	Column	Pipe	A53 Gr. B	Typical
63	M184	N320	N341A			Standoff Bracing	Column	BÁR	A36 Gr.36	Typical
64	M185	N343A	N342			Face Vertical	Column	Pipe	A53 Gr. B	Typical
65	M186	N345A	N344			Face Vertical	Column	Pipe	A53 Gr. B	Typical
66	M187	N347	N346			Face Vertical	Column	Pipe	A53 Gr. B	Typical
67	M188	N349	N348			Face Vertical	Column	Pipe	A53 Gr. B	Typical
68	M189	N351	N350			Face Vertical	Column	Pipe	A53 Gr. B	Typical
69	M190	N354	N352			RIGID	None	None	RIGID	Typical
70	M191	N352	N353			RIGID	None	None	RIGID	Typical
71	M192	N357	N355			RIGID	None	None	RIGID	Typical
72	M193	N355	N356			RIGID	None	None	RIGID	Typical
73	M195	N360	N361			RIGID	None	None	RIGID	Typical
74	M196	N362	N363			RIGID	None	None	RIGID	Typical
75	MP2B	N364	N365			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
76	M198	N366	N367			RIGID	None	None	RIGID	Typical
77	M199	N368	N369		<u></u>	RIGID	None	None	RIGID	Typical

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# **Member Primary Data (Continued)**

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	Label	I Joint	J Joint	K Joint	Rotate(de	. Section/Shape	Type	Design List		Design Rules
78	MP3B	N370	N371			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
79	M201	N372A	N373			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
80	M202	N374	N375			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
81	M203	N381	N379			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
82	M204	N380	N381			Standoff Tube	Beam	<u> </u>	A500 Gr	Typical
83	M205	N378	N380			Standoff Tube	Beam		A500 Gr	Typical
84	M206	N377	N383			RIGID	None	None	RIGID	Typical
85	M207	N376	N382			RIGID	None	None	RIGID	Typical
86	M208	N384	N385			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
87	M209	N386	N388			Standoff Horizontal	Beam	Pipe	A53 Gr. B	Typical
88	M210	N387	N389			Standoff Horizontal	Beam	Pipe	A53 Gr. B	Typical
89	M211	N381	N399			Standoff Vertical	Column	Pipe	A53 Gr. B	Typical
90	M212	N380	N398			Standoff Vertical	Column	Pipe	A53 Gr. B	Typical
91	M213	N390	N391			RIGID	None	None	RIGID	Typical
92	M214	N392	N393			RIGID	None	None	RIGID	Typical
93	MP1C	N394	N395			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
94	M216	N399	N397			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
95	M217	N398	N399			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
96	M218	N396	N398			Standoff Tube	Beam	SquareTube	A500 Gr	Typical
97	M219	N400	N401		80	Connection Angle	Beam	RECT	A36 Gr.36	Typical
98	M220	N401	N402		270	Connection Angle	Beam	RECT	A36 Gr.36	Typical
99	M221	N403	N404		80	Connection Angle	Beam	RECT	A36 Gr.36	Typical
100	M222	N403	N293A		270	Connection Angle	Beam	RECT	A36 Gr.36	Typical
101	M223	N406	N407			Standoff Vertical P1.25	Column	Pipe	A53 Gr. B	Typical
102	M224	N386	N407			Standoff Bracing	Column	BAR	A36 Gr.36	Typical
103	M225	N409	N408			Face Vertical	Column	Pipe	A53 Gr. B	Typical
104	M226	N411	N410			Face Vertical	Column	Pipe	A53 Gr. B	Typical
105	M227	N413	N412			Face Vertical	Column	Pipe	A53 Gr. B	Typical
106	M228	N415	N414			Face Vertical	Column	Pipe	A53 Gr. B	Typical
107	M229	N417	N416			Face Vertical	Column	Pipe	A53 Gr. B	Typical
108	M230	N420	N418			RIGID	None	None	RIGID	Typical
109	M231	N418	N419			RIGID	None	None	RIGID	Typical
110	M232	N423	N421			RIGID	None	None	RIGID	Typical
111	M233	N421	N422			RIGID	None	None	RIGID	Typical
112	M235	N426	N427			RIGID	None	None	RIGID	Typical
113	M236	N428	N429			RIGID	None	None	RIGID	Typical
114	MP2C	N430	N431			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
115	M238	N432	N433			RIGID	None	None	RIGID	Typical
116	M239	N434	N435			RIGID	None	None	RIGID	Typical
117	MP3C	N436	N437			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
118	M121	N49	N353			Bracing Pipe	Beam	Pipe	A53 Gr. B	Typical
119	M122A	N48	N420			Bracing Pipe	Beam	Pipe	A53 Gr. B	Typical
120	M123A	N419	N354			Bracing Pipe	Beam	Pipe	A53 Gr. B	Typical
121	M124A	N52	N356			Bracing Pipe	Beam	Pipe	A53 Gr. B	Typical
122	M125A	N51	N423			Bracing Pipe	Beam	Pipe	A53 Gr. B	Typical
123	M126A	N422	N357			Bracing Pipe	Beam	Pipe	A53 Gr. B	Typical
124	M127A	N204A	N35A			RIGID	None	None	RIGID	Typical
125	M128A	N203A	N340			RIGID	None	None	RIGID	Typical
126	M129A	N204B	N36A			RIGID	None	None	RIGID	Typical
127	M130A	N205A	N341A			RIGID	None	None	RIGID	Typical
128	OVP1	N204C	N206A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
129	OVP1	N205B	N207			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
130	M133	N217	N218			Mod Horizontal	Beam	Pipe	A53 Gr. B	Typical
131	M134	N217 N219	N220			RIGID	None	None	RIGID	Typical
132	M135	N219	N222			RIGID	None	None	RIGID	Typical
133	M136	N223	N224			RIGID	None	None	RIGID	Typical
134	M137	N225	N224 N226			Mod Horizontal			A53 Gr. B	
134	IVI 131	INZZ3	INZZO			ויוטט חטווצטוונמו	Beam	Pipe	MOU GI. B	Typical

Company : Maser Consulting
Designer :
Job Number : Project No. 10055829
Model Name : 468220-VZW\_MT\_LO : 468220-VZW\_MT\_LO\_H

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## **Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(de	. Section/Shape	Type	Design List	Material	Design Rules
135	M138	N227	N228		,	RIGID	None	None	RIGID	Typical
136	M139	N229	N230			RIGID	None	None	RIGID	Typical
137	M140	N231	N232			RIGID	None	None	RIGID	Typical
138	M141	N233	N234			Mod Horizontal	Beam	Pipe	A53 Gr. B	Typical
139	M142	N235	N236			RIGID	None	None	RIGID	Typical
140	M143	N237	N238			RIGID	None	None	RIGID	Typical
141	M144	N239	N240			RIGID	None	None	RIGID	Typical
142	M145	N244	N244A			RIGID	None	None	RIGID	Typical
143	M146	N246A	N245			RIGID	None	None	RIGID	Typical
144	M147	N255A	N255B			RIGID	None	None	RIGID	Typical
145	M148	N244A	N214A			Mod Standoff	Beam	SquareTube	A500 Gr	Typical
146	M149	N245	N215A			Mod Standoff	Beam	SquareTube	A500 Gr	Typical
147	M150	N255B	N253C			Mod Standoff	Beam	SquareTube	A500 Gr	Typical
148	M151	N251	N253A			Mod Tieback	Beam	Pipe	A53 Gr. B	Typical
149	M152	N252	N250A			Mod Tieback	Beam	Pipe	A53 Gr. B	Typical
150	M153	N250	N252A			Mod Tieback	Beam	Pipe	A53 Gr. B	Typical
151	M151A	N208	N54			Tieback	Beam	Pipe	A53 Gr. B	Typical
152	M152A	N358	N200A			Tieback	Beam	Pipe	A53 Gr. B	Typical
153	M153A	N200B	N424			Tieback	Beam	Pipe	A53 Gr. B	Typical

### **Member Advanced Data**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat	Analysis	Inactive	Seismic
1	M109						Yes				None
2	M110						Yes				None
3	M116						Yes	Default			None
4	M117						Yes	Default			None
5	M118						Yes	Default			None
6	M122	BenPIN					Yes	** NA **			None
7	M123	BenPIN					Yes	** NA **			None
8	M124						Yes	** NA **			None
9	M125						Yes				None
10	M126						Yes				None
11	M127						Yes	** NA **			None
12	M128						Yes	** NA **			None
13	M129						Yes	** NA **			None
14	M130						Yes	** NA **			None
15	MP1A						Yes	** NA **			None
16	M18						Yes	Default			None
17	M19						Yes	Default			None
18	M20						Yes	Default			None
19	M21						Yes				None
20	M22		000000				Yes	Default			None
21	M21A						Yes				None
22	M23		000000				Yes	Default			None
23	M23A						Yes	** NA **			None
24	M24	BenPIN	BenPIN			Euler Buc	Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	M28						Yes	** NA **			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32							** NA **			None
33	M33						Yes	** NA **			None

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## **Member Advanced Data (Continued)**

			ta (Oontin	•	100 00 1	T/0.0.1	D	5 6 5 4 4 4 4	
24	Label	I Release	J Release	I Offset[in]	J Offset[in]	I/C Only		Defl RatAnalysis	
34	M35						Yes	** NA ** ** NA **	None
35	M36						Yes		None
36	MP2A						Yes	** NA ** ** NA **	None
37	M38						Yes		None
38	M39						Yes	** NA **	None
39	MP3A						Yes	** NA **	None
40	M161						Yes		None
41	M162						Yes	Defect	None
42	M163						Yes	Default	None
43	M164						Yes	Default	None
44	M165	D. DIN					Yes	Default	None
45	M166	BenPIN					Yes	** NA **	None
46	M167	BenPIN					Yes	** NA **	None
47	M168						Yes	** NA **	None
48	M169						Yes		None
49	M170						Yes	** NA **	None
50	M171						Yes	** NA **	None
51	M172						Yes	** NA **	None
52	M173						Yes		None
53	M174						Yes	** NA **  ** NA **	None
54	MP1B						Yes		None
55	M176						Yes	Default	None
56	M177						Yes	Default	None
57	M178						Yes	Default	None
58	M179		000000				Yes	Default	None
59	M180		000000				Yes	Default	None
60	M181		000000				Yes	Defecult	None
61	M182		000000				Yes	Default ** NA **	None
62	M183	DonDIN	BenPIN			Euler Buc	Yes	** NA **	None
63	M184 M185	BenPIN	benrin			Luiei Duc	Yes	** NA **	None
64	M186						Yes Yes	** NA **	None
65	M187							** NA **	None
66 67							Yes Yes	** NA **	None None
68	M188 M189						Yes	** NA **	None
69	M190						Yes	** NA **	None
70	M191						Yes	** NA **	None
71	M192						Yes	** NA **	None
72	M193						Yes	** NA **	None
73	M195						Yes	** NA **	None
74	M196						Yes	** NA **	None
75	MP2B						Yes	** NA **	None
76	M198						Yes	** NA **	None
77	M199						Yes	** NA **	None
78	MP3B						Yes	** NA **	None
79	M201						Yes	INA	None
80	M202						Yes	Default	None
81	M203						Yes	Default	None
82	M204						Yes	Default	None
83	M205						Yes	Default	None
84	M206	BenPIN					Yes	** NA **	None
85	M207	BenPIN					Yes	** NA **	None
86	M208	DCIII IIV					Yes	** NA **	None
87	M209						Yes	INA	None
88	M210						Yes		None
89	M211						Yes	** NA **	None
90	M212						Yes	** NA **	None
30	IVIZ I Z						165	INA	INOITE

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## Member Advanced Data (Continued)

	Label	I Release	l Release	I Offsetlinl	I Offsetlinl	T/C Only	Physical	Defl RatAnalysis .	Inactive S	eismic
91	M213	Treicase	0 recease	i Onseqinj	o Onsequi	170 Only	Yes	** NA **		None
92	M214						Yes	** NA **		None
93	MP1C						Yes	** NA **		None
94	M216						Yes	Default		None
95	M217						Yes	Default		None
96	M218						Yes	Default		None
97	M219						Yes	Dordan		None
98	M220		000000				Yes	Default		None
99	M221		000000				Yes	Default		None
100	M222		000000				Yes	Default		None
101	M223		333333				Yes	** NA **		None
102	M224	BenPIN	BenPIN			Euler Buc	Yes	** NA **		None
103	M225	Bonn nv	Doi: iiv				Yes	** NA **		None
104	M226						Yes	** NA **		None
105	M227						Yes	** NA **		None
106	M228						Yes	** NA **		None
107	M229						Yes	** NA **		None
108	M230						Yes	** NA **		None
109	M231						Yes	** NA **		None
110	M232						Yes	** NA **		None
111	M233						Yes	** NA **		None
112	M235						Yes	** NA **		None
113	M236						Yes	** NA **		None
114	MP2C						Yes	** NA **		None
115	M238						Yes	** NA **		None
116	M239						Yes	** NA **		None
117	MP3C						Yes	** NA **		None
118	M121	BenPIN	BenPIN				Yes			None
119	M122A	BenPIN	BenPIN				Yes			None
120	M123A	BenPIN	BenPIN				Yes			None
121	M124A	BenPIN	BenPIN				Yes	Default		None
122	M125A	BenPIN	BenPIN				Yes			None
123	M126A	BenPIN	BenPIN				Yes			None
124	M127A						Yes	** NA **		None
125	M128A						Yes	** NA **		None
126	M129A						Yes	** NA **		None
127	M130A						Yes	** NA **		None
128	OVP1						Yes	** NA **		None
129	OVP2						Yes	** NA **		None
130	M133						Yes			None
131	M134						Yes	** NA **		None
132	M135						Yes	** NA **		None
133	M136						Yes	** NA **		None
134	M137						Yes			None
135	M138						Yes	** NA **		None
136	M139						Yes	** NA **		None
137	M140						Yes	** NA **		None
138	M141						Yes			None
139	M142						Yes	** NA **		None
140	M143						Yes	** NA **		None
141	M144						Yes	** NA **		None
142	M145						Yes	** NA **		None
143	M146						Yes	** NA **		None
144	M147						Yes	** NA **		None
145	M148						Yes			None
146	M149						Yes			None
147	M150						Yes			None

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## **Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat	.Analysis	Inactive	Seismic
148	M151	0000X0	0000X0				Yes				None
149	M152	0000X0	0000X0				Yes				None
150	M153	0000X0	0000X0				Yes				None
151	M151A	BenPIN	BenPIN				Yes				None
152	M152A	BenPIN	BenPIN				Yes				None
153	M153A	BenPIN	BenPIN				Yes				None

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Υ	-43.55	2.5
2	MP3A	My	022	2.5
3	MP3A	Mz	0	2.5
4	MP3A	Υ	-43.55	4.25
5	MP3A	My	022	4.25
6	MP3A	Mz	0	4.25
7	MP3B	Υ	-43.55	2.5
8	MP3B	My	.021	2.5
9	MP3B	Mz	.004	2.5
10	MP3B	Υ	-43.55	4.25
11	MP3B	My	.021	4.25
12	MP3B	Mz	.004	4.25
13	MP3C	Υ	-43.55	2.5
14	MP3C	My	0	2.5
15	MP3C	Mz	.022	2.5
16	MP3C	Υ	-43.55	4.25
17	MP3C	My	0	4.25
18	MP3C	Mz	.022	4.25
19	MP1A	Υ	-39.8	.75
20	MP1A	My	02	.75
21	MP1A	Mz	.033	.75
22	MP1A	Υ	-39.8	6
23	MP1A	My	02	6
24	MP1A	Mz	.033	6
25	MP1B	Υ	-39.8	.75
26	MP1B	My	.025	.75
27	MP1B	Mz	029	.75
28	MP1B	Υ	-39.8	6
29	MP1B	My	.025	6
30	MP1B	Mz	029	6
31	MP1C	Y	-39.8	.75
32	MP1C	My	.033	.75
33	MP1C	Mz	.02	.75
34	MP1C	Y	-39.8	6
35	MP1C	My	.033	6
36	MP1C	Mz	.02	6
37	MP1A	Y	-39.8	.75
38	MP1A	My	02	.75
39	MP1A	Mz	033	.75
40	MP1A	Y	-39.8	6
41	MP1A	My	02	6
42	MP1A	Mz	033	6
43	MP1B	Y	-39.8	.75
44	MP1B	My	.014	.75
45	MP1B	Mz	.036	.75
46	MP1B	Υ	-39.8	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	My	.014	6
48	MP1B	Mz	.036	6
49	MP1C	Υ	-39.8	.75
50	MP1C	My	033	.75
51	MP1C	Mz	.02	.75
52	MP1C	Υ	-39.8	6
53	MP1C	My	033	6
54	MP1C	Mz	.02	6
55	MP1A	Υ	-84.4	5.25
56	MP1A	My	.042	5.25
57	MP1A	Mz	0	5.25
58	MP1B	Υ	-84.4	5.25
59	MP1B	My	042	5.25
60	MP1B	Mz	007	5.25
61	MP1C	Υ	-84.4	5.25
62	MP1C	My	0	5.25
63	MP1C	Mz	042	5.25
64	MP2A	Υ	-70.3	5.25
65	MP2A	My	.035	5.25
66	MP2A	Mz	0	5.25
67	MP2B	Υ	-70.3	5.25
68	MP2B	My	035	5.25
69	MP2B	Mz	006	5.25
70	MP2C	Υ	-70.3	5.25
71	MP2C	My	0	5.25
72	MP2C	Mz	035	5.25
73	OVP1	Υ	-26.9	.75
74	OVP1	My	0	.75
75	OVP1	Mz	0	.75
76	OVP2	Υ	-26.9	.75
77	OVP2	My	0	.75
78	OVP2	Mz	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Υ	-35.289	2.5
2	MP3A	My	018	2.5
3	MP3A	Mz	0	2.5
4	MP3A	Υ	-35.289	4.25
5	MP3A	My	018	4.25
6	MP3A	Mz	0	4.25
7	MP3B	Υ	-35.289	2.5
8	MP3B	My	.017	2.5
9	MP3B	Mz	.003	2.5
10	MP3B	Υ	-35.289	4.25
11	MP3B	My	.017	4.25
12	MP3B	Mz	.003	4.25
13	MP3C	Υ	-35.289	2.5
14	MP3C	My	0	2.5
15	MP3C	Mz	.018	2.5
16	MP3C	Υ	-35.289	4.25
17	MP3C	My	0	4.25
18	MP3C	Mz	.018	4.25
19	MP1A	Υ	-101.765	.75
20	MP1A	My	051	.75
21	MP1A	Mz	.085	.75

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

	TT OINT LOUGS (BLO L : A			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	Y	-101.765	6
23	MP1A	My	051	6
24	MP1A	Mz	.085	6
25	MP1B	Υ	-101.765	.75
26	MP1B	My	.065	.75
27	MP1B	Mz	075	.75
28	MP1B	Υ	-101.765	6
29	MP1B	My	.065	6
30	MP1B	Mz	075	6
31	MP1C	Υ	-101.765	.75
32	MP1C	My	.085	.75
33	MP1C	Mz	.051	.75
34	MP1C	Y	-101.765	6
35	MP1C	My	.085	6
36	MP1C	Mz	.051	6
37	MP1A	Y	-101.765	.75
38	MP1A	My	051	.75
39	MP1A	Mz	085	.75
40	MP1A	Y	-101.765	6
41	MP1A	My	051	6
42	MP1A	Mz	085	6
43	MP1B	Y	-101.765	.75
			.035	
44	MP1B	My		.75
45	MP1B	Mz	.092	.75
46	MP1B	Y	-101.765	6
47	MP1B	My	.035	6
48	MP1B	Mz	.092	6
49	MP1C	Y	-101.765	. <u>75</u>
50	MP1C	My	085	.75
51	MP1C	Mz	.051	.75
52	MP1C	Y	-101.765	6
53	MP1C	My	085	6
54	MP1C	Mz	.051	6
55	MP1A	Υ	-44.365	5.25
56	MP1A	My	.022	5.25
57	MP1A	Mz	0	5.25
58	MP1B	Υ	-44.365	5.25
59	MP1B	My	022	5.25
60	MP1B	Mz	004	5.25
61	MP1C	Υ	-44.365	5.25
62	MP1C	My	0	5.25
63	MP1C	Mz	022	5.25
64	MP2A	Υ	-39.894	5.25
65	MP2A	My	.02	5.25
66	MP2A	Mz	0	5.25
67	MP2B	Υ	-39.894	5.25
68	MP2B	My	02	5.25
69	MP2B	Mz	003	5.25
70	MP2C	Y	-39.894	5.25
71	MP2C	My	0	5.25
72	MP2C	Mz	02	5.25
73	OVP1	Y	-54.637	.75
74	OVP1	My	0	.75
75	OVP1	Mz	0	.75
76	OVP1	Y	-54.637	.75
77	OVP2	My	-54.037	.75
78	OVP2 OVP2	Mz	0	.75
10	UVFZ	IVIZ	U	./ 3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-108.058	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.25
5	MP3A	Z	-108.058	4.25
6	MP3A	Mx	0	4.25
7	MP3B	X Z	0	2.5
9	MP3B		-106.075	2.5
10	MP3B MP3B	Mx X	009 0	2.5 4.25
11	MP3B	Z	-106.075	4.25
12	MP3B	Mx	009	4.25
13	MP3C	X	009	2.5
14	MP3C	Z	-42.305	2.5
15	MP3C	Mx	021	2.5
16	MP3C	X	0	4.25
17	MP3C	Z	-42.305	4.25
18	MP3C	Mx	021	4.25
19	MP1A	X	0	.75
20	MP1A	Z	-365.329	.75
21	MP1A	Mx	304	.75
22	MP1A	X	0	6
23	MP1A	Z	-365.329	6
24	MP1A	Mx	304	6
25	MP1B	X	0	.75
26	MP1B	Z	-359.559	.75
27	MP1B	Mx	.264	.75
28	MP1B	X	0	6
29	MP1B	Z	-359.559	6
30	MP1B	Mx	.264	6
31	MP1C	X	0	.75
32	MP1C	Z	-173.989	.75
33	MP1C	Mx	087	.75
34	MP1C	X	0	6
35	MP1C	Z	-173.989	6
36	MP1C	Mx	087	6
37 38	MP1A	X Z	-365.329	.75 .75
39	MP1A MP1A	Mx	-305.329	.75
40	MP1A	X	.304	6
41	MP1A	Z	-365.329	6
42	MP1A	Mx	.304	6
43	MP1B	X	0	.75
44	MP1B	Z	-359.559	.75
45	MP1B	Mx	326	.75
46	MP1B	X	0	6
47	MP1B	Z	-359.559	6
48	MP1B	Mx	326	6
49	MP1C	X	0	.75
50	MP1C	Z	-173.989	.75
51	MP1C	Mx	087	.75
52	MP1C	X	0	6
53	MP1C	Z	-173.989	6
54	MP1C	Mx	087	6
55	MP1A	X	0	5.25
56	MP1A	Z	-85.556	5.25
57	MP1A	Mx	0	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	Χ	0	5.25
59	MP1B	Ζ	-84.701	5.25
60	MP1B	Mx	.007	5.25
61	MP1C	Χ	0	5.25
62	MP1C	Ζ	-57.19	5.25
63	MP1C	Mx	.029	5.25
64	MP2A	Χ	0	5.25
65	MP2A	Ζ	-85.556	5.25
66	MP2A	Mx	0	5.25
67	MP2B	Χ	0	5.25
68	MP2B	Ζ	-84.373	5.25
69	MP2B	Mx	.007	5.25
70	MP2C	Χ	0	5.25
71	MP2C	Ζ	-46.324	5.25
72	MP2C	Mx	.023	5.25
73	OVP1	Χ	0	.75
74	OVP1	Ζ	-114.38	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	0	.75
77	OVP2	Ζ	-114.38	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	45.81	2.5
2	MP3A	Z	-79.345	2.5
3	MP3A	Mx	023	2.5
4	MP3A	X	45.81	4.25
5	MP3A	Z	-79.345	4.25
6	MP3A	Mx	023	4.25
7	MP3B	X	50.183	2.5
8	MP3B	Z	-86.92	2.5
9	MP3B	Mx	.017	2.5
10	MP3B	X	50.183	4.25
11	MP3B	Z	-86.92	4.25
12	MP3B	Mx	.017	4.25
13	MP3C	X	29.371	2.5
14	MP3C	Z	-50.873	2.5
15	MP3C	Mx	025	2.5
16	MP3C	X	29.371	4.25
17	MP3C	Z	-50.873	4.25
18	MP3C	Mx	025	4.25
19	MP1A	X	158.747	.75
20	MP1A	Z	-274.958	.75
21	MP1A	Mx	309	.75
22	MP1A	X	158.747	6
23	MP1A	Z	-274.958	6
24	MP1A	Mx	309	6
25	MP1B	X	171.473	.75
26	MP1B	Z	-297	.75
27	MP1B	Mx	.327	.75
28	MP1B	X	171.473	6
29	MP1B	Z	-297	6
30	MP1B	Mx	.327	6
31	MP1C	X	110.912	.75
32	MP1C	Z	-192.105	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	004	.75
34	MP1C	X	110.912	6
35	MP1C	Z	-192.105	6
36	MP1C	Mx	004	6
37	MP1A	X	158.747	.75
38	MP1A	Z	-274.958	.75
39	MP1A	Mx	.15	.75
40	MP1A	X	158.747	6
41	MP1A	Z	-274.958	6
42	MP1A	Mx	.15	6
43	MP1B	X	171.473	.75
44	MP1B	Z	-297	.75
45	MP1B	Mx	21	.75
46	MP1B	X	171.473	6
47	MP1B	Z	-297	6
48	MP1B	Mx	21	6
49	MP1C	X	110.912	.75
50	MP1C	Z	-192.105	.75
51	MP1C	Mx	188	.75
52	MP1C	X	110.912	6
53	MP1C	Z	-192.105	6
54	MP1C	Mx	188	6
55	MP1A	X	39.232	5.25
56	MP1A	Z	-67.952	5.25
57	MP1A	Mx	.02	5.25
58	MP1B	X	41.119	5.25
59	MP1B	Z	-71.22	5.25
60	MP1B	Mx	014	5.25
61	MP1C	X	32.141	5.25
62	MP1C	Z	-55.669	5.25
63	MP1C	Mx	.028	5.25
64	MP2A	X Z	37.874	5.25
65	MP2A MP2A	Mx	-65.6 .019	5.25 5.25
66	MP2A MP2B		40.483	5.25 5.25
68		X	-70.119	5.25 5.25
69	MP2B MP2B	Mx	-70.119	5.25 5.25
70	MP2C	X	28.066	5.25 5.25
71	MP2C MP2C	Z	-48.612	5.25
72	MP2C	Mx	.024	5.25
73	OVP1	X	52.177	.75
74	OVP1	Z	-90.374	.75
75	OVP1	Mx	0	.75 .75
76	OVP2	X	52.177	.75
77	OVP2	Z	-90.374	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	50.873	2.5
2	MP3A	Z	-29.371	2.5
3	MP3A	Mx	025	2.5
4	MP3A	X	50.873	4.25
5	MP3A	Z	-29.371	4.25
6	MP3A	Mx	025	4.25
7	MP3B	X	60.165	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	-34.736	2.5
9	MP3B	Mx	.027	2.5
10	MP3B	X	60.165	4.25
11	MP3B	Z	-34.736	4.25
12	MP3B	Mx	.027	4.25
13	MP3C	X	79.345	2.5
14	MP3C	Z	-45.81	2.5
15	MP3C	Mx	023	2.5
16	MP3C	X	79.345	4.25
17	MP3C	Z	-45.81	4.25
18	MP3C	Mx	023	4.25
19	MP1A	X	192.105	.75
20	MP1A	Z	-110.912	.75
21	MP1A	Mx	188	.75
22	MP1A	X	192.105	6
23	MP1A	Z	-110.912	6
24	MP1A	Mx	188	6
25	MP1B	<u>X</u>	219.144	.75
26	MP1B	Z	-126.523	.75
27	MP1B	Mx	.232	.75
28	MP1B	X	219.144	6
29	MP1B	Z	-126.523	6
30	MP1B	Mx	.232	6
31	MP1C	X	274.958	.75
32	MP1C	Z	-158.747	.75
33	MP1C	Mx	.15	.75
34	MP1C	X	274.958	6
35	MP1C	Z	-158.747	6
36	MP1C	Mx	.15	6
37	MP1A	X	192.105	.75
38	MP1A	Z	-110.912	.75
39	MP1A	Mx	004	.75
40	MP1A	<u>X</u>	192.105	6
41	MP1A	Z	-110.912	6
42	MP1A	Mx	004	6
43	MP1B	X	219.144	.75
44	MP1B	Z	-126.523	.75
45	MP1B	Mx Mx	039	.75
46	MP1B	X	219.144	6
47	MP1B	Z	-126.523	6
48	MP1B	Mx	039	6
49	MP1C	X	274.958	.75
50	MP1C	Z	-158.747	.75
51	MP1C	Mx	309	.75
52	MP1C	X Z	274.958	6
53	MP1C		-158.747	6
54	MP1C	Mx	309	6
55	MP1A	X Z	55.669	5.25
56	MP1A		-32.141	5.25 5.25
57	MP1A	Mx X	.028	5.25 5.25
58	MP1B MD1P		59.678	
59 60	MP1B	Z	-34.455	5.25
61	MP1B	Mx X	026 67.052	5.25 5.25
62	MP1C	Z	67.952	5.25
	MP1C		-39.232	5.25
63	MP1C	Mx	.02	5.25
64	MP2A	X	48.612	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2A	Z	-28.066	5.25
66	MP2A	Mx	.024	5.25
67	MP2B	X	54.156	5.25
68	MP2B	Z	-31.267	5.25
69	MP2B	Mx	024	5.25
70	MP2C	X	65.6	5.25
71	MP2C	Z	-37.874	5.25
72	MP2C	Mx	.019	5.25
73	OVP1	X	73.009	.75
74	OVP1	Z	-42.152	.75
75	OVP1	Mx	0	.75
76	OVP2	X	73.009	.75
77	OVP2	Z	-42.152	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	42.305	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	021	2.5
4	MP3A	Χ	42.305	4.25
5	MP3A	Z	0	4.25
6	MP3A	Mx	021	4.25
7	MP3B	Χ	44.287	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	.022	2.5
10	MP3B	Χ	44.287	4.25
11	MP3B	Z	0	4.25
12	MP3B	Mx	.022	4.25
13	MP3C	Χ	108.058	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	0	2.5
16	MP3C	Χ	108.058	4.25
17	MP3C	Z	0	4.25
18	MP3C	Mx	0	4.25
19	MP1A	Χ	173.989	.75
20	MP1A	Z	0	.75
21	MP1A	Mx	087	.75
22	MP1A	Χ	173.989	6
23	MP1A	Z	0	6
24	MP1A	Mx	087	6
25	MP1B	X	179.759	.75
26	MP1B	Z	0	.75
27	MP1B	Mx	.115	.75
28	MP1B	Χ	179.759	6
29	MP1B	Z	0	6
30	MP1B	Mx	.115	6
31	MP1C	X	365.329	.75
32	MP1C	Z	0	.75
33	MP1C	Mx	.304	.75
34	MP1C	Χ	365.329	6
35	MP1C	Z	0	6
36	MP1C	Mx	.304	6
37	MP1A	Χ	173.989	.75
38	MP1A	Z	0	.75
39	MP1A	Mx	087	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	173.989	6
41	MP1A	Z	0	6
42	MP1A	Mx	087	6
43	MP1B	X	179.759	.75
44	MP1B	Z	0	.75
45	MP1B	Mx	.063	.75
46	MP1B	X	179.759	6
47	MP1B	Z	0	6
48	MP1B	Mx	.063	6
49	MP1C	X	365.329	.75
50	MP1C	Z	0	.75
51	MP1C	Mx	304	.75
52	MP1C	X	365.329	6
53	MP1C	Z	0	6
54	MP1C	Mx	304	6
55	MP1A	X	57.19	5.25
56	MP1A	Z	0	5.25
57	MP1A	Mx	.029	5.25
58	MP1B	X	58.045	5.25
59	MP1B	Z	0	5.25
60	MP1B	Mx	029	5.25
61	MP1C	X	85.556	5.25
62	MP1C	Z	0	5.25
63	MP1C	Mx	0	5.25
64	MP2A	X	46.324	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	.023	5.25
67	MP2B	X	47.507	5.25
68	MP2B	Z	0	5.25
69	MP2B	Mx	023	5.25
70	MP2C	X	85.556	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	0	5.25
73	OVP1	X	74.278	.75
74	OVP1	Z	0	.75
75	OVP1	Mx	0	.75
76	OVP2	X	74.278	.75
77	OVP2	Z	0	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Х	50.873	2.5
2	MP3A	Ζ	29.371	2.5
3	MP3A	Mx	025	2.5
4	MP3A	Χ	50.873	4.25
5	MP3A	Z	29.371	4.25
6	MP3A	Mx	025	4.25
7	MP3B	X	43.298	2.5
8	MP3B	Z	24.998	2.5
9	MP3B	Mx	.023	2.5
10	MP3B	Χ	43.298	4.25
11	MP3B	Z	24.998	4.25
12	MP3B	Mx	.023	4.25
13	MP3C	X	79.345	2.5
14	MP3C	Z	45.81	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	.023	2.5
16	MP3C	X	79.345	4.25
17	MP3C	Z	45.81	4.25
18	MP3C	Mx	.023	4.25
19	MP1A	X	192.105	.75
20	MP1A	Z	110.912	.75
21	MP1A	Mx	004	.75
22	MP1A	X	192.105	6
23	MP1A	Z	110.912	6
24	MP1A	Mx	004	6
25	MP1B	X	170.063	.75
26	MP1B	Z	98.186	.75
27	MP1B	Mx	.036	.75
28	MP1B	X	170.063	6
29	MP1B	Z	98.186	6
30	MP1B	Mx	.036	6
31	MP1C	X	274.958	.75
32	MP1C	Z	158.747	.75
33	MP1C	Mx	.309	.75
34	MP1C	X	274.958	6
35	MP1C	Z	158.747	6
36	MP1C	Mx	.309	6
37	MP1A	X	192.105	.75
38	MP1A	Z	110.912	.75
39	MP1A	Mx	188	.75
40	MP1A	X	192.105	6
41	MP1A	Z	110.912	6
42	MP1A	Mx	188	6
43	MP1B	X	170.063	.75
44	MP1B	Z	98.186	.75
45	MP1B	Mx	.148	.75
46	MP1B	X	170.063	6
47	MP1B	Z	98.186	6
48	MP1B	Mx	.148	6
49	MP1C	X	274.958	.75
50	MP1C	Z	158.747	.75
51	MP1C	Mx	15	.75
52	MP1C	X	274.958	6
53	MP1C	Z	158.747	6
54	MP1C	Mx	15	6
55	MP1A	X	55.669	5.25
56	MP1A	Z	32.141	5.25
57	MP1A	Mx	.028	5.25
58	MP1B	X	52.402	5.25
59	MP1B	Z	30.254	5.25
60	MP1B	Mx	028	5.25
61	MP1C	X	67.952	5.25
62	MP1C	Z	39.232	5.25
63	MP1C	Mx	02	5.25
64	MP2A	X	48.612	5.25
65	MP2A	Z	28.066	5.25
66	MP2A	Mx	.024	5.25
67	MP2B	X Z	44.092	5.25
68	MP2B		25.457	5.25
69	MP2B	Mx	024	5.25
70	MP2C	X	65.6	5.25
71	MP2C	Z	37.874	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	019	5.25
73	OVP1	X	73.009	.75
74	OVP1	Z	42.152	.75
75	OVP1	Mx	0	.75
76	OVP2	X	73.009	.75
77	OVP2	Z	42.152	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	45.81	2.5
2	MP3A	X Z	79.345	2.5
3	MP3A	Mx	023	2.5
4	MP3A	X	45.81	4.25
5	MP3A	Z	79.345	4.25
6	MP3A	Mx	023	4.25
7	MP3B	X	40.445	2.5
8	MP3B	Z	70.053	2.5
9	MP3B	Mx	.026	2.5
10	MP3B	X	40.445	4.25
11	MP3B	Z	70.053	4.25
12	MP3B	Mx	.026	4.25
13	MP3C	X	29.371	2.5
14	MP3C	Z	50.873	2.5
15	MP3C	Mx	.025	2.5
16	MP3C	X	29.371	4.25
17	MP3C	Z	50.873	4.25
18	MP3C	Mx	.025	4.25
19	MP1A	X	158.747	.75
20	MP1A	Z	274.958	.75
21	MP1A	Mx	.15	.75
22	MP1A	X	158.747	6
23	MP1A	Z	274.958	6
24	MP1A	Mx	.15	6
25	MP1B	X	143.136	.75
26	MP1B	Z	247.919	.75
27	MP1B	Mx	091	.75
28	MP1B	X	143.136	6
29	MP1B	Z	247.919	6
30	MP1B	Mx	091	6
31	MP1C	X	110.912	.75
32	MP1C	Z	192.105	.75
33	MP1C	Mx	.188	.75
34	MP1C	X	110.912	6
35	MP1C	Z	192.105	6
36	MP1C	Mx	.188	6
37	MP1A	X	158.747	.75
38	MP1A	Z	274.958	.75
39	MP1A	Mx	309	.75
40	MP1A	X	158.747	6
41	MP1A	Z	274.958	6
42	MP1A	Mx	309	6
43	MP1B	X	143.136	.75
44	MP1B	Z	247.919	.75
45	MP1B	Mx	.275	.75
46	MP1B	X	143.136	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	247.919	6
48	MP1B	Mx	.275	6
49	MP1C	X	110.912	.75
50	MP1C	Z	192.105	.75
51	MP1C	Mx	.004	.75
52	MP1C	X	110.912	6
53	MP1C	Z	192.105	6
54	MP1C	Mx	.004	6
55	MP1A	X	39.232	5.25
56	MP1A	Z	67.952	5.25
57	MP1A	Mx	.02	5.25
58	MP1B	X	36.918	5.25
59	MP1B	Z	63.944	5.25
60	MP1B	Mx	024	5.25
61	MP1C	X	32.141	5.25
62	MP1C	Z	55.669	5.25
63	MP1C	Mx	028	5.25
64	MP2A	X	37.874	5.25
65	MP2A	Z	65.6	5.25
66	MP2A	Mx	.019	5.25
67	MP2B	X	34.673	5.25
68	MP2B	Z	60.056	5.25
69	MP2B	Mx	022	5.25
70	MP2C	X	28.066	5.25
71	MP2C	Z	48.612	5.25
72	MP2C	Mx	024	5.25
73	OVP1	X	52.177	.75
74	OVP1	Z	90.374	.75
75	OVP1	Mx	0	.75
76	OVP2	X	52.177	.75
77	OVP2	Z	90.374	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Χ	0	2.5
2	MP3A	Z	108.058	2.5
3	MP3A	Mx	0	2.5
4	MP3A	Χ	0	4.25
5	MP3A	Z	108.058	4.25
6	MP3A	Mx	0	4.25
7	MP3B	X	0	2.5
8	MP3B	Z	106.075	2.5
9	MP3B	Mx	.009	2.5
10	MP3B	X	0	4.25
11	MP3B	Z	106.075	4.25
12	MP3B	Mx	.009	4.25
13	MP3C	X	0	2.5
14	MP3C	Z	42.305	2.5
15	MP3C	Mx	.021	2.5
16	MP3C	X	0	4.25
17	MP3C	Z	42.305	4.25
18	MP3C	Mx	.021	4.25
19	MP1A	X	0	.75
20	MP1A	Z	365.329	.75
21	MP1A	Mx	.304	.75

Company : Maser Consulting
Designer :
Job Number : Project No. 10055829
Model Name : 468220-VZW\_MT\_LO : 468220-VZW\_MT\_LO\_H

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

	oer Point Loads (BLC 9 : A			
22	Member Label MP1A	Direction	Magnitude[lb,k-ft] 0	Location[ft,%]
23	MP1A	X Z	365.329	<u>6</u> 6
24	MP1A	Mx	.304	6
25	MP1B	X	0	.75
26	MP1B	Z	359.559	.75
27	MP1B	Mx	264	.75
28	MP1B	X	0	6
29	MP1B	Z	359.559	6
30	MP1B	Mx	264	6
31	MP1C	X	0	.75
32	MP1C	Z	173.989	.75
33	MP1C	Mx	.087	.75 .75
34	MP1C	X	0	6
35	MP1C	Z	173.989	6
36	MP1C	Mx	.087	6
37	MP1A	X	0	.75
38	MP1A	Z	365.329	.75
39	MP1A	Mx	304	.75
40	MP1A	X	304	6
41	MP1A	Z	365.329	6
42	MP1A	Mx	304	6
43	MP1B	X	0	.75
44	MP1B	Z	359.559	.75
45	MP1B	Mx	.326	.75
46	MP1B	X	0	6
47	MP1B	Z	359.559	6
48	MP1B	Mx	.326	6
49	MP1C	X	0	.75
50	MP1C	Z	173.989	.75
51	MP1C	Mx	.087	.75
52	MP1C	X	0	6
53	MP1C	Z	173.989	6
54	MP1C	Mx	.087	6
55	MP1A	X	0	5.25
56	MP1A	Z	85.556	5.25
57	MP1A	Mx	0	5.25
58	MP1B	X	0	5.25
59	MP1B	Z	84.701	5.25
60	MP1B	Mx	007	5.25
61	MP1C	X	0	5.25
62	MP1C	Z	57.19	5.25
63	MP1C	Mx	029	5.25
64	MP2A	X	0	5.25
65	MP2A	Z	85.556	5.25
66	MP2A	Mx	0	5.25
67	MP2B	X	0	5.25
68	MP2B	Z	84.373	5.25
69	MP2B	Mx	007	5.25
70	MP2C	X	0	5.25
71	MP2C	Z	46.324	5.25
72	MP2C	Mx	023	5.25
73	OVP1	X	0	.75
74	OVP1	Z	114.38	.75
75	OVP1	Mx	0	.75
76	OVP2	X	0	.75
77	OVP2	Z	114.38	.75
78	OVP2	Mx	0	.75

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

1     MP3A     X     -45.81       2     MP3A     Z     79.345       3     MP3A     Mx     .023       4     MP3A     X     -45.81       5     MP3A     Z     70.345	2.5 2.5 2.5 4.25 4.25
3 MP3A Mx .023 4 MP3A X -45.81	2.5 4.25
4 MP3A X -45.81	4.25
4 MP3A X -45.81	
	1 25
5 MP3A Z 79.345	
6 MP3A Mx .023	4.25
7 MP3B X -50.183	2.5
8 MP3B Z 86.92	2.5
9 MP3B Mx017	2.5
10 MP3B X -50.183	4.25
11 MP3B Z 86.92	4.25
12 MP3B Mx017	4.25
13 MP3C X -29.371	2.5
14 MP3C Z 50.873	2.5
15 MP3C Mx .025	2.5
16 MP3C X -29.371	4.25
17 MP3C Z 50.873	4.25
18 MP3C Mx .025	4.25
19 MP1A X -158.747 20 MP1A Z 274.958	.75
	.75
21 MP1A Mx .309	.75
22         MP1A         X         -158.747           23         MP1A         Z         274.958	6
	6
24 MP1A Mx .309	
25 MP1B X -171.473 26 MP1B Z 297	.75
	.75
27 MP1B Mx327	.75
28         MP1B         X         -171.473           29         MP1B         Z         297	6
29         MP1B         Z         297           30         MP1B         Mx        327	6
31 MP1C X -110.912	.75
32 MP1C Z 192.105	
32 MP1C Z 192.105 33 MP1C Mx .004	.75 .75
34 MP1C X -110.912	6
35 MP1C Z 192.105	6
36 MP1C Mx .004	6
37 MP1A X -158.747	.75
38 MP1A Z 274.958	.75
39 MP1A Mx15	.75
40 MP1A X -158.747	6
41 MP1A Z 274.958	6
42 MP1A Mx15	6
43 MP1B X -171.473	.75
44 MP1B Z 297	.75
45 MP1B Mx .21	.75
46 MP1B X -171.473	6
47 MP1B Z 297	6
48 MP1B Mx .21	6
49 MP1C X -110.912	.75
50 MP1C Z 192.105	.75
51 MP1C Mx .188	.75
52 MP1C X -110.912	6
53 MP1C Z 192.105	6
54 MP1C Mx .188	6
55 MP1A X -39.232	5.25
56 MP1A Z 67.952	5.25
57 MP1A Mx02	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	Χ	-41.119	5.25
59	MP1B	Ζ	71.22	5.25
60	MP1B	Mx	.014	5.25
61	MP1C	X	-32.141	5.25
62	MP1C	Ζ	55.669	5.25
63	MP1C	Mx	028	5.25
64	MP2A	X	-37.874	5.25
65	MP2A	Ζ	65.6	5.25
66	MP2A	Mx	019	5.25
67	MP2B	X	-40.483	5.25
68	MP2B	Ζ	70.119	5.25
69	MP2B	Mx	.014	5.25
70	MP2C	X	-28.066	5.25
71	MP2C	Ζ	48.612	5.25
72	MP2C	Mx	024	5.25
73	OVP1	Χ	-52.177	.75
74	OVP1	Ζ	90.374	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-52.177	.75
77	OVP2	Ζ	90.374	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-50.873	2.5
2	MP3A	Z	29.371	2.5
3	MP3A	Mx	.025	2.5
4	MP3A	X	-50.873	4.25
5	MP3A	Z	29.371	4.25
6	MP3A	Mx	.025	4.25
7	MP3B	X	-60.165	2.5
8	MP3B	Z	34.736	2.5
9	MP3B	Mx	027	2.5
10	MP3B	X	-60.165	4.25
11	MP3B	Z	34.736	4.25
12	MP3B	Mx	027	4.25
13	MP3C	X	-79.345	2.5
14	MP3C	Z	45.81	2.5
15	MP3C	Mx	.023	2.5
16	MP3C	X	-79.345	4.25
17	MP3C	Z	45.81	4.25
18	MP3C	Mx	.023	4.25
19	MP1A	X	-192.105	.75
20	MP1A	Z	110.912	.75
21	MP1A	Mx	.188	.75
22	MP1A	X	-192.105	6
23	MP1A	Z	110.912	6
24	MP1A	Mx	.188	6
25	MP1B	X	-219.144	.75
26	MP1B	Z	126.523	.75
27	MP1B	Mx	232	.75
28	MP1B	X	-219.144	6
29	MP1B	Z	126.523	6
30	MP1B	Mx	232	6
31	MP1C	X	-274.958	.75
32	MP1C	Z	158.747	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	15	.75
34	MP1C	X	-274.958	6
35	MP1C	Z	158.747	6
36	MP1C	Mx	15	6
37	MP1A	X	-192.105	.75
38	MP1A	Z	110.912	.75
39	MP1A	Mx	.004	.75
40	MP1A	X	-192.105	6
41	MP1A	Z	110.912	6
42	MP1A	Mx	.004	6
43	MP1B	X	-219.144	.75
44	MP1B	Z	126.523	.75
45	MP1B	Mx	.039	.75
46	MP1B	X	-219.144	6
47	MP1B	Z	126.523	6
48	MP1B	Mx	.039	6
49	MP1C	X	-274.958	.75
50	MP1C	Z	158.747	.75
51	MP1C	Mx	.309	.75
52	MP1C	X	-274.958	6
53	MP1C	Z	158.747	6
54	MP1C	Mx	.309	6
55	MP1A	X	-55.669	5.25
56	MP1A	Z	32.141	5.25
57	MP1A	Mx	028	5.25
58	MP1B	X	-59.678	5.25
59	MP1B	Z	34.455	5.25
60	MP1B	Mx	.026	5.25
61	MP1C	X	-67.952	5.25
62	MP1C	Z	39.232	5.25
63	MP1C	Mx	02	5.25
64	MP2A	X	-48.612	5.25
65	MP2A	Z	28.066	5.25
66	MP2A	Mx	024	5.25
67	MP2B	X	-54.156	5.25
68	MP2B	Z	31.267	5.25
69	MP2B	Mx	.024	5.25
70	MP2C	X	-65.6	5.25
71	MP2C	Z	37.874	5.25
72	MP2C	Mx	019	5.25
73	OVP1	X	-73.009	.75
74	OVP1	Z	42.152	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-73.009	.75
77	OVP2	Z	42.152	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-42.305	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.021	2.5
4	MP3A	X	-42.305	4.25
5	MP3A	Z	0	4.25
6	MP3A	Mx	.021	4.25
7	MP3B	X	-44.287	2.5

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

	CIT OIN LOUGS (BLO 12.			
-	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	0	2.5
9	MP3B	Mx	022	2.5
10	MP3B	X	-44.287	4.25
11	MP3B	Z	0	4.25
12	MP3B	Mx	022	4.25
13	MP3C	X	-108.058	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	-108.058	4.25
17	MP3C	Z	0	4.25
18	MP3C	Mx	0	4.25
19	MP1A	X	-173.989	.75
20	MP1A	Z	0	.75
21	MP1A	Mx	.087	.75
22	MP1A	X	-173.989	6
23	MP1A	Z	0	6
24	MP1A	Mx	.087	6
25	MP1B	X	-179.759	.75
26	MP1B	Z	0	.75
27	MP1B	Mx	115	.75
28	MP1B	X	-179.759	6
29	MP1B	Z	0	6
30	MP1B	Mx	115	6
31	MP1C		-365.329	.75
32	MP1C	X	0	.75
33	MP1C	Mx	304	.75
34	MP1C	X	-365.329	6
35	MP1C	Z	0	6
36	MP1C	Mx	304	6
37	MP1A	X	-173.989	.75
38	MP1A	Z	0	.75
39	MP1A	Mx	.087	.75
40	MP1A	X	-173.989	6
41	MP1A	Z	0	6
42	MP1A	Mx	.087	6
43	MP1B	X	-179.759	.75
44	MP1B	Z	0	.75
45	MP1B	Mx	063	.75
46	MP1B	X	-179.759	6
47	MP1B	Z	0	6
48	MP1B	Mx	063	6
49	MP1C	X	-365.329	.75
50	MP1C	Z	-303.329	.75
51	MP1C	Mx	.304	.75 .75
52	MP1C	X	-365.329	6
53	MP1C	Z	0	6
54	MP1C	Mx	.304	6
55	MP1A	X	-57.19	5.25
56	MP1A	Z	-57.19	5.25
57	MP1A	Mx	029	5.25
58	MP1B	X	-58.045	5.25
59	MP1B	Z	-56.045	5.25
60	MP1B	Mx	.029	5.25
61	MP1C		-85.556	5.25
62	MP1C	X	-05.550	5.25
63	MP1C	Mx	0	5.25
64	MP2A	X	-46.324	5.25
04	IVIFZA	^	-40.324	ე.2ე

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2A	Z	0	5.25
66	MP2A	Mx	023	5.25
67	MP2B	X	-47.507	5.25
68	MP2B	Z	0	5.25
69	MP2B	Mx	.023	5.25
70	MP2C	X	-85.556	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	0	5.25
73	OVP1	X	-74.278	.75
74	OVP1	Z	0	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-74.278	.75
77	OVP2	Z	0	.75
78	OVP2	Mx	0	.75

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

	der i dint Loads (DLC 13.1	Tirtorina Tro 1000 I	2 (3//	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-50.873	2.5
2	MP3A	Z	-29.371	2.5
3	MP3A	Mx	.025	2.5
4	MP3A	X	-50.873	4.25
5	MP3A	Z	-29.371	4.25
6	MP3A	Mx	.025	4.25
7	MP3B	X	-43.298	2.5
8	MP3B	Z	-24.998	2.5
9	MP3B	Mx	023	2.5
10	MP3B	X	-43.298	4.25
11	MP3B	Z	-24.998	4.25
12	MP3B	Mx	023	4.25
13	MP3C	X	-79.345	2.5
14	MP3C	Z	-45.81	2.5
15	MP3C	Mx	023	2.5
16	MP3C	X	-79.345	4.25
17	MP3C	Z	-45.81	4.25
18	MP3C	Mx	023	4.25
19	MP1A	X	-192.105	.75
20	MP1A	Z	-110.912	.75
21	MP1A	Mx	.004	.75
22	MP1A	X	-192.105	6
23	MP1A	Z	-110.912	6
24	MP1A	Mx	.004	6
25	MP1B	X	-170.063	.75
26	MP1B	Z	-98.186	.75
27	MP1B	Mx	036	.75
28	MP1B	X	-170.063	6
29	MP1B	Z	-98.186	6
30	MP1B	Mx	036	6
31	MP1C	Х	-274.958	.75
32	MP1C	Z	-158.747	.75
33	MP1C	Mx	309	.75
34	MP1C	X	-274.958	6
35	MP1C	Z	-158.747	6
36	MP1C	Mx	309	6
37	MP1A	X	-192.105	.75
38	MP1A	Z	-110.912	.75
39	MP1A	Mx	.188	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-192.105	6
41	MP1A	Z	-110.912	6
42	MP1A	Mx	.188	6
43	MP1B	X	-170.063	.75
44	MP1B	Z	-98.186	.75
45	MP1B	Mx	148	.75
46	MP1B	X	-170.063	6
47	MP1B	Z	-98.186	6
48	MP1B	Mx	148	6
49	MP1C	X	-274.958	.75
50	MP1C	Z	-158.747	.75
51	MP1C	Mx	.15	.75
52	MP1C	X	-274.958	6
53	MP1C	Z	-158.747	6
54	MP1C	Mx	.15	6
55	MP1A	Χ	-55.669	5.25
56	MP1A	Z	-32.141	5.25
57	MP1A	Mx	028	5.25
58	MP1B	X	-52.402	5.25
59	MP1B	Z	-30.254	5.25
60	MP1B	Mx	.028	5.25
61	MP1C	X	-67.952	5.25
62	MP1C	Z	-39.232	5.25
63	MP1C	Mx	.02	5.25
64	MP2A	X	-48.612	5.25
65	MP2A	Z	-28.066	5.25
66	MP2A	Mx	024	5.25
67	MP2B	X	-44.092	5.25
68	MP2B	Z	-25.457	5.25
69	MP2B	Mx	.024	5.25
70	MP2C	X	-65.6	5.25
71	MP2C	Z	-37.874	5.25
72	MP2C	Mx	.019	5.25
73	OVP1	Χ	-73.009	.75
74	OVP1	Z	-42.152	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-73.009	.75
77	OVP2	Z	-42.152	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Χ	-45.81	2.5
2	MP3A	Z	-79.345	2.5
3	MP3A	Mx	.023	2.5
4	MP3A	X	-45.81	4.25
5	MP3A	Z	-79.345	4.25
6	MP3A	Mx	.023	4.25
7	MP3B	X	-40.445	2.5
8	MP3B	Z	-70.053	2.5
9	MP3B	Mx	026	2.5
10	MP3B	X	-40.445	4.25
11	MP3B	Z	-70.053	4.25
12	MP3B	Mx	026	4.25
13	MP3C	X	-29.371	2.5
14	MP3C	Z	-50.873	2.5

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

	CTT OITH LOUIS (BLO 14.1			
45	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx X	025	2.5
16	MP3C	X	-29.371	4.25
17	MP3C	Z	-50.873	4.25
18	MP3C	Mx	025	4.25
19	MP1A	X	-158.747	.75
20	MP1A	Z	-274.958	.75
21	MP1A	Mx	15	.75
22	MP1A	X	-158.747	6
23	MP1A	Z	-274.958	6
24	MP1A	Mx	15	6
25	MP1B	X	-143.136	.75
26	MP1B	Z	-247.919	.75
27	MP1B	Mx X	.091	.75
28	MP1B	X	-143.136	6
29	MP1B	Z	-247.919	6
30	MP1B	Mx	.091	6
31	MP1C	X	-110.912	.75
32	MP1C	Z	-192.105	.75
33	MP1C	Mx	188	.75
34	MP1C	X	-110.912	6
35	MP1C	Z	-192.105	6
36	MP1C	Mx	188	6
37	MP1A	X	-158.747	.75
38	MP1A	Z	-274.958	.75
39	MP1A	Mx	.309	.75
40	MP1A	X	-158.747	6
41	MP1A	Z	-274.958	6
42	MP1A	Mx	.309	6
43	MP1B	X	-143.136	.75
44	MP1B		-247.919	.75
45	MP1B	Mx X	275	.75
46	MP1B MP4B	Z	-143.136	6
47	MP1B		-247.919 275	<u>6</u> 6
48	MP1B MP1C	Mx X		.75
50	MP1C	Z	-110.912 -192.105	.75
51	MP1C	Mx	-192.105	.75 .75
52	MP1C MP1C	X	-110.912	6
53	MP1C MP1C	Z	-192.105	6
54	MP1C	Mx	004	6
55	MP1A	X	-39.232	5.25
56	MP1A	Z	-67.952	5.25
57	MP1A	Mx	02	5.25
58	MP1B	X	-36.918	5.25
59	MP1B	Z	-63.944	5.25
60	MP1B	Mx	.024	5.25
61	MP1C	X	-32.141	5.25
62	MP1C	Z	-55.669	5.25
63	MP1C	Mx	.028	5.25
64	MP2A	X	-37.874	5.25
65	MP2A	Z	-65.6	5.25
66	MP2A	Mx	019	5.25
67	MP2B	X	-34.673	5.25
68	MP2B	Z	-60.056	5.25
69	MP2B	Mx	.022	5.25
70	MP2C	X	-28.066	5.25
71	MP2C	Z	-48.612	5.25
	IVII ZU		- <del>1</del> 0.012	0.20

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	.024	5.25
73	OVP1	X	-52.177	.75
74	OVP1	Z	-90.374	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-52.177	.75
77	OVP2	Z	-90.374	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-19.204	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.25
5	MP3A	Z	-19.204	4.25
6	MP3A	Mx	0	4.25
7	MP3B	X	0	2.5
8	MP3B	Z	-18.872	2.5
9	MP3B	Mx	002	2.5
10	MP3B	X	0	4.25
11	MP3B	Z	-18.872	4.25
12	MP3B	Mx	002	4.25
13	MP3C	X	0	2.5
14	MP3C	Z	-8.175	2.5
15	MP3C	Mx	004	2.5
16	MP3C	X	0	4.25
17	MP3C	Z	-8.175	4.25
18	MP3C	Mx	004	4.25
19	MP1A	X	0	.75
20	MP1A	Z	-61.621	.75
21	MP1A	Mx	051	.75
22	MP1A	X	0	6
23	MP1A	Z	-61.621	6
24	MP1A	Mx	051	6
25	MP1B	X	0	.75
26	MP1B	Z	-60.696	.75
27	MP1B	Mx	.045	.75
28	MP1B	X	0	6
29	MP1B	Z	-60.696	6
30	MP1B	Mx	.045	6
31	MP1C	X	.045	.75
32	MP1C MP1C	Z	-30.961	.75
33	MP1C MP1C	Mx	015	.75 .75
			015	
34	MP1C	X Z		6
35	MP1C		-30.961	6
36	MP1C	Mx	015	6
37	MP1A	X	0	.75
38	MP1A		-61.621	.75
39	MP1A	Mx	.051	.75
40	MP1A	X	0	6
41	MP1A	Z	-61.621	6
42	MP1A	Mx	.051	6
43	MP1B	X	0	. <u>75</u>
44	MP1B	Z	-60.696	. <u>75</u>
45	MP1B	Mx	055	.75
46	MP1B	X	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	-60.696	6
48	MP1B	Mx	055	6
49	MP1C	X	0	.75
50	MP1C	Z	-30.961	.75
51	MP1C	Mx	015	.75
52	MP1C	Χ	0	6
53	MP1C	Z	-30.961	6
54	MP1C	Mx	015	6
55	MP1A	X	0	5.25
56	MP1A	Z	-16.091	5.25
57	MP1A	Mx	0	5.25
58	MP1B	X	0	5.25
59	MP1B	Z	-15.943	5.25
60	MP1B	Mx	.001	5.25
61	MP1C	X	0	5.25
62	MP1C	Z	-11.188	5.25
63	MP1C	Mx	.006	5.25
64	MP2A	X	0	5.25
65	MP2A	Z	-16.091	5.25
66	MP2A	Mx	0	5.25
67	MP2B	X	0	5.25
68	MP2B	Z	-15.887	5.25
69	MP2B	Mx	.001	5.25
70	MP2C	X	0	5.25
71	MP2C	Z	-9.325	5.25
72	MP2C	Mx	.005	5.25
73	OVP1	X	0	.75
74	OVP1	Z	-20.969	.75
75	OVP1	Mx	0	.75
76	OVP2	X	0	.75
77	OVP2	Z	-20.969	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.223	2.5
2	MP3A	Z	-14.243	2.5
3	MP3A	Mx	004	2.5
4	MP3A	X	8.223	4.25
5	MP3A	Z	-14.243	4.25
6	MP3A	Mx	004	4.25
7	MP3B	X	8.957	2.5
8	MP3B	Z	-15.514	2.5
9	MP3B	Mx	.003	2.5
10	MP3B	X	8.957	4.25
11	MP3B	Z	-15.514	4.25
12	MP3B	Mx	.003	4.25
13	MP3C	X	5.466	2.5
14	MP3C	Z	-9.467	2.5
15	MP3C	Mx	005	2.5
16	MP3C	X	5.466	4.25
17	MP3C	Z	-9.467	4.25
18	MP3C	Mx	005	4.25
19	MP1A	X	26.978	.75
20	MP1A	Z	-46.727	.75
21	MP1A	Mx	052	.75

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

00	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X Z	26.978 -46.727	6
23	MP1A			6
24	MP1A	Mx Y	052	6
25	MP1B	X	29.017	.75
26	MP1B		-50.259	.75
27	MP1B	Mx	.055	.75
28	MP1B	X	29.017	6
29	MP1B	Z	-50.259	6
30	MP1B	Mx	.055	6
31	MP1C	X	19.313	.75
32	MP1C	Z	-33.451	.75
33	MP1C	Mx	000631	.75
34	MP1C	X	19.313	6
35	MP1C	Z	-33.451	6
36	MP1C	Mx	000631	6
37	MP1A	X	26.978	.75
38	MP1A	Z	-46.727	.75
39	MP1A	Mx	.025	.75
40	MP1A	X	26.978	6
41	MP1A	Z	-46.727	6
42	MP1A	Mx	.025	6
43	MP1B	X	29.017	.75
44	MP1B	Z	-50.259	.75
45	MP1B	Mx	036	.75
46	MP1B	X	29.017	6
47	MP1B	Z	-50.259	6
48	MP1B	Mx	036	6
49	MP1C	X	19.313	.75
50	MP1C	Z	-33.451	.75
51	MP1C	Mx	033	.75
52	MP1C	X	19.313	6
53	MP1C	Z	-33.451	6
54	MP1C	Mx	033	6
55	MP1A	X	7.432	5.25
56	MP1A	Z	-12.873	5.25
57	MP1A	Mx	.004	5.25
58	MP1B	X	7.759	5.25
59	MP1B	Z	-13.438	5.25
60	MP1B	Mx	003	5.25
61	MP1C	X	6.207	5.25
62	MP1C	Z	-10.75	5.25
63	MP1C	Mx	.005	5.25
64	MP2A	X	7.2	5.25
65	MP2A	Z	-12.47	5.25
66	MP2A	Mx	.004	5.25
67	MP2B	X	7.65	5.25
68	MP2B	Z	-13.249	5.25
69	MP2B	Mx	003	5.25
70	MP2C	X	5.508	5.25
71	MP2C	Z	-9.54	5.25
72	MP2C	Mx	.005	5.25
73	OVP1	X	9.641	.75
74	OVP1	Z	-16.699	.75
75	OVP1	Mx Y	0	.75
76	OVP2	X	9.641	.75
77	OVP2	Z	-16.699	.75
78	OVP2	Mx	0	.75

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

- MICHIDOI	Form Loads (BLC 17 . )			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	X Z	9.467	2.5 2.5
3	MP3A MP3A	Mx	-5.466 005	2.5
4	MP3A	X	9.467	4.25
5	MP3A	Z	-5.466	4.25
6	MP3A	Mx	005	4.25
7	MP3B	X	11.026	2.5
8	MP3B	Z	-6.366	2.5
9	MP3B	Mx	.005	2.5
10	MP3B	X	11.026	4.25
11	MP3B	Z	-6.366	4.25
12	MP3B	Mx	.005	4.25
13	MP3C	X	14.243	2.5
14	MP3C	Z	-8.223	2.5
15	MP3C	Mx	004	2.5
16	MP3C	X	14.243	4.25
17	MP3C	Z	-8.223	4.25
18	MP3C	Mx	004	4.25
19	MP1A	X	33.451	.75
20	MP1A	Z	-19.313	.75
21	MP1A	Mx	033	.75
22	MP1A	X	33.451	6
23	MP1A	Z	-19.313	6
24	MP1A	Mx	033	6
25	MP1B	X Z	37.784	.75
26	MP1B		-21.814 .04	.75 .75
27 28	MP1B MP1B	Mx X	37.784	6
29	MP1B	Z	-21.814	6
30	MP1B	Mx	.04	6
31	MP1C	X	46.727	.75
32	MP1C	Z	-26.978	.75
33	MP1C	Mx	.025	.75
34	MP1C	X	46.727	6
35	MP1C	Z	-26.978	6
36	MP1C	Mx	.025	6
37	MP1A	X	33.451	.75
38	MP1A	Z	-19.313	.75
39	MP1A	Mx	000631	.75
40	MP1A	X	33.451	6
41	MP1A	Z	-19.313	6
42	MP1A	Mx	000631	6
43	MP1B	X	37.784	.75
44	MP1B	Z	-21.814	.75
45	MP1B	Mx X	007	.75
46	MP1B	X	37.784	6
47	MP1B	Z	-21.814	6
48	MP1B MP1C	Mx V	007	6
49	MP1C	X	46.727	.75
50 51	MP1C MP1C	Mx	-26.978 052	.75 .75
52	MP1C MP1C	X	052 46.727	6
53	MP1C	Z	-26.978	6
54	MP1C	Mx	052	6
55	MP1A	X	10.75	5.25
56	MP1A	Z	-6.207	5.25
57	MP1A	Mx	.005	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	X	11.443	5.25
59	MP1B	Z	-6.607	5.25
60	MP1B	Mx	005	5.25
61	MP1C	X	12.873	5.25
62	MP1C	Z	-7.432	5.25
63	MP1C	Mx	.004	5.25
64	MP2A	X	9.54	5.25
65	MP2A	Z	-5.508	5.25
66	MP2A	Mx	.005	5.25
67	MP2B	X	10.496	5.25
68	MP2B	Z	-6.06	5.25
69	MP2B	Mx	005	5.25
70	MP2C	X	12.47	5.25
71	MP2C	Z	-7.2	5.25
72	MP2C	Mx	.004	5.25
73	OVP1	X	13.778	.75
74	OVP1	Z	-7.955	.75
75	OVP1	Mx	0	.75
76	OVP2	X	13.778	.75
77	OVP2	Z	-7.955	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.175	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	004	2.5
4	MP3A	Χ	8.175	4.25
5	MP3A	Z	0	4.25
6	MP3A	Mx	004	4.25
7	MP3B	Χ	8.507	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	.004	2.5
10	MP3B	Χ	8.507	4.25
11	MP3B	Z	0	4.25
12	MP3B	Mx	.004	4.25
13	MP3C	X	19.204	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	19.204	4.25
17	MP3C	Z	0	4.25
18	MP3C	Mx	0	4.25
19	MP1A	X	30.961	.75
20	MP1A	Z	0	.75
21	MP1A	Mx	015	.75
22	MP1A	Χ	30.961	6
23	MP1A	Z	0	6
24	MP1A	Mx	015	6
25	MP1B	X	31.885	.75
26	MP1B	Z	0	.75
27	MP1B	Mx	.02	.75
28	MP1B	X	31.885	6
29	MP1B	Z	0	6
30	MP1B	Mx	.02	6
31	MP1C	Χ	61.621	.75
32	MP1C	Z	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	.051	.75
34	MP1C	X	61.621	6
35	MP1C	Z	0	6
36	MP1C	Mx	.051	6
37	MP1A	X	30.961	.75
38	MP1A	Z	0	.75
39	MP1A	Mx	015	.75
40	MP1A	X	30.961	6
41	MP1A	Z	0	6
42	MP1A	Mx	015	6
43	MP1B	X	31.885	.75
44	MP1B	Z	0	.75
45	MP1B	Mx	.011	.75
46	MP1B	X	31.885	6
47	MP1B	Z	0	6
48	MP1B	Mx	.011	6
49	MP1C	X	61.621	.75
50	MP1C	Z	0	.75
51	MP1C	Mx	051	.75
52	MP1C	X	61.621	6
53	MP1C	Z	0	6
54	MP1C	Mx	051	6
55	MP1A	X	11.188	5.25
56	MP1A	Z	0	5.25
57	MP1A	Mx	.006	5.25
58	MP1B	X	11.336	5.25
59	MP1B	Z	0	5.25
60	MP1B	Mx	006	5.25
61	MP1C	X	16.091	5.25
62	MP1C	Z	0	5.25
63	MP1C	Mx	0	5.25
64	MP2A	X	9.325	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	.005	5.25
67	MP2B	X	9.529	5.25
68	MP2B		0	5.25
69	MP2B	Mx	005	5.25
70	MP2C	X Z	16.091	5.25
71	MP2C		0	5.25
72	MP2C	Mx	14.223	5.25
73	OVP1	X Z		.75
74	OVP1		0	.75
75	OVP1	Mx		.75
76	OVP2	X Z	14.223	.75
77	OVP2		0	.75
78	OVP2	Mx	U	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	Magnitude[lb,k-ft] 9.467	2.5
2	MP3A	Z	5.466	2.5
3	MP3A	Mx	005	2.5
4	MP3A	X	9.467	4.25
5	MP3A	Z	5.466	4.25
6	MP3A	Mx	005	4.25
7	MP3B	X	8.197	2.5

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

	TT OIITE EGGGS (BEG 10:			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	4.732	2.5
9	MP3B	Mx	.004	2.5
10	MP3B	X	8.197	4.25
11	MP3B	Z	4.732	4.25
12	MP3B	Mx	.004	4.25
13	MP3C	X	14.243	2.5
14	MP3C	Z	8.223	2.5
15	MP3C MP3C	Mx	.004	2.5
16	MP3C		14.243	4.25
		X Z		
17	MP3C		8.223	4.25
18	MP3C	Mx	.004	4.25
19	MP1A	X	33.451	.75
20	MP1A	Z	19.313	.75
21	MP1A	Mx	000631	.75
22	MP1A	X	33.451	6
23	MP1A	Z	19.313	6
24	MP1A	Mx	000631	6
25	MP1B	X	29.919	.75
26	MP1B	Z	17.274	.75
27	MP1B	Mx	.006	.75
28	MP1B	X	29.919	6
29	MP1B	Z	17.274	6
30	MP1B	Mx	.006	6
31	MP1C		46.727	.75
32	MP1C	X	26.978	.75
33	MP1C	Mx	.052	.75 .75
	MP1C MP1C	X	46.727	6
34		Z		
35	MP1C		26.978	6
36	MP1C	Mx	.052	6
37	MP1A	X	33.451	.75
38	MP1A	Z	19.313	.75
39	MP1A	Mx	033	.75
40	MP1A	X	33.451	6
41	MP1A	Z	19.313	6
42	MP1A	Mx	033	6
43	MP1B	X	29.919	.75
44	MP1B	Z	17.274	.75
45	MP1B	Mx	.026	.75
46	MP1B	X	29.919	6
47	MP1B	Z	17.274	6
48	MP1B	Mx	.026	6
49	MP1C	X	46.727	.75
50	MP1C	Z	26.978	.75
51	MP1C	Mx	025	.75
52	MP1C	X	46.727	6
53	MP1C	Z	26.978	6
54	MP1C	Mx	025	6
55	MP1A	X Z	10.75	5.25
56	MP1A		6.207	5.25
57	MP1A	Mx	.005	5.25
58	MP1B	X	10.186	5.25
59	MP1B	Z	5.881	5.25
60	MP1B	Mx	006	5.25
61	MP1C	X	12.873	5.25
62	MP1C		7.432	5.25
63	MP1C	Mx	004	5.25
64	MP2A	X	9.54	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2A	Z	5.508	5.25
66	MP2A	Mx	.005	5.25
67	MP2B	X	8.761	5.25
68	MP2B	Z	5.058	5.25
69	MP2B	Mx	005	5.25
70	MP2C	X	12.47	5.25
71	MP2C	Z	7.2	5.25
72	MP2C	Mx	004	5.25
73	OVP1	X	13.778	.75
74	OVP1	Z	7.955	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	13.778	.75
77	OVP2	Z	7.955	.75
78	OVP2	Mx	0	.75

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

	der i dirit Luaus (DLU 20 . i			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.223	2.5
2	MP3A	Z	14.243	2.5
3	MP3A	Mx	004	2.5
4	MP3A	X	8.223	4.25
5	MP3A	Z	14.243	4.25
6	MP3A	Mx	004	4.25
7	MP3B	X	7.324	2.5
8	MP3B	Z	12.685	2.5
9	MP3B	Mx	.005	2.5
10	MP3B	X	7.324	4.25
11	MP3B	Z	12.685	4.25
12	MP3B	Mx	.005	4.25
13	MP3C	X	5.466	2.5
14	MP3C	Z	9.467	2.5
15	MP3C	Mx	.005	2.5
16	MP3C	X	5.466	4.25
17	MP3C	Z	9.467	4.25
18	MP3C	Mx	.005	4.25
19	MP1A	X	26.978	.75
20	MP1A	Z	46.727	.75
21	MP1A	Mx	.025	.75
22	MP1A	X	26.978	6
23	MP1A	Z	46.727	6
24	MP1A	Mx	.025	6
25	MP1B	X	24.476	.75
26	MP1B	Z	42.394	.75
27	MP1B	Mx	016	.75
28	MP1B	X	24.476	6
29	MP1B	Z	42.394	6
30	MP1B	Mx	016	6
31	MP1C	X	19.313	.75
32	MP1C	Z	33.451	.75
33	MP1C	Mx	.033	.75
34	MP1C	X	19.313	6
35	MP1C	Z	33.451	6
36	MP1C	Mx	.033	6
37	MP1A	X	26.978	.75
38	MP1A	Z	46.727	.75
39	MP1A	Mx	052	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	26.978	6
41	MP1A	Z	46.727	6
42	MP1A	Mx	052	6
43	MP1B	X	24.476	.75
44	MP1B	Z	42.394	.75
45	MP1B	Mx	.047	.75
46	MP1B	X	24.476	6
47	MP1B	Z	42.394	6
48	MP1B	Mx	.047	6
49	MP1C	X	19.313	.75
50	MP1C	Z	33.451	.75
51	MP1C	Mx	.000631	.75
52	MP1C	X	19.313	6
53	MP1C	Z	33.451	6
54	MP1C	Mx	.000631	6
55	MP1A	X	7.432	5.25
56	MP1A	Z	12.873	5.25
57	MP1A	Mx	.004	5.25
58	MP1B	X	7.032	5.25
59	MP1B	Z	12.181	5.25
60	MP1B	Mx	005	5.25
61	MP1C	X	6.207	5.25
62	MP1C	Z	10.75	5.25
63	MP1C	Mx	005	5.25
64	MP2A	X	7.2	5.25
65	MP2A	Z	12.47	5.25
66	MP2A	Mx	.004	5.25
67	MP2B	X	6.648	5.25
68	MP2B	Z	11.514	5.25
69	MP2B	Mx	004	5.25
70	MP2C	X	5.508	5.25
71	MP2C	Z	9.54	5.25
72	MP2C	Mx	005	5.25
73	OVP1	X	9.641	.75
74	OVP1	Z	16.699	.75
75	OVP1	Mx	0	.75
76	OVP2	X	9.641	.75
77	OVP2	Z	16.699	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Χ	0	2.5
2	MP3A	Z	19.204	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.25
5	MP3A	Z	19.204	4.25
6	MP3A	Mx	0	4.25
7	MP3B	X	0	2.5
8	MP3B	Z	18.872	2.5
9	MP3B	Mx	.002	2.5
10	MP3B	X	0	4.25
11	MP3B	Z	18.872	4.25
12	MP3B	Mx	.002	4.25
13	MP3C	X	0	2.5
14	MP3C	Z	8.175	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	.004	2.5
16	MP3C	X	0	4.25
17	MP3C	Z	8.175	4.25
18	MP3C	Mx	.004	4.25
19	MP1A	X	0	.75
20	MP1A	Z	61.621	.75
21	MP1A	Mx	.051	.75
22	MP1A	X	0	6
23	MP1A	Z	61.621	6
24	MP1A	Mx	.051	6
25	MP1B	X	0	.75
26	MP1B	Z	60.696	.75
27	MP1B	Mx	045	.75
28	MP1B	X	0	6
29	MP1B	Z	60.696	6
30	MP1B	Mx	045	6
31	MP1C	X	0	.75
32	MP1C	Z	30.961	.75
33	MP1C	Mx	.015	.75
34	MP1C	X	0	6
35	MP1C	Z	30.961	6
36	MP1C	Mx	.015	6
37	MP1A	X	0	. <u>75</u>
38	MP1A	Z	61.621	.75
39	MP1A	Mx	051	.75
40	MP1A	X	0	6
41	MP1A	Z	61.621	6
42	MP1A	Mx	051	6
43	MP1B	X	0	.75
44	MP1B	Z	60.696	.75
45	MP1B	Mx	.055	.75
46	MP1B	X	0	6
47	MP1B	Z	60.696	6
48	MP1B	Mx	.055	6
49	MP1C	X	0	.75
50	MP1C	Z	30.961	.75
51	MP1C	Mx X	.015	.75
52	MP1C	X Z	0	6
53	MP1C		30.961	6
54	MP1C MP1A	Mx	.015	<u>6</u> 5.25
55		X Z	0	
56 57	MP1A MP1A	Mx	16.091	5.25 5.25
58	MP1B	X	0	5.25
59	MP1B	Z	15.943	5.25
60	MP1B	Mx	001	5.25
61	MP1C	X	001	5.25
62	MP1C	Z	11.188	5.25
63	MP1C	Mx	006	5.25
64	MP2A	X	008	5.25
65	MP2A MP2A	Z	16.091	5.25
66	MP2A MP2A	Mx	0	5.25
67	MP2B	X	0	5.25
68	MP2B	Z	15.887	5.25
69	MP2B	Mx	001	5.25
70	MP2C	X	001	5.25
71	MP2C MP2C	Z	9.325	5.25
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# Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	005	5.25
73	OVP1	X	0	.75
74	OVP1	Z	20.969	.75
75	OVP1	Mx	0	.75
76	OVP2	X	0	.75
77	OVP2	Z	20.969	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.223	2.5
2	MP3A	Z	14.243	2.5
3	MP3A	Mx	.004	2.5
4	MP3A	X	-8.223	4.25
5	MP3A	Z	14.243	4.25
6	MP3A	Mx	.004	4.25
7	MP3B	X	-8.957	2.5
8	MP3B	Z	15.514	2.5
9	MP3B	Mx	003	2.5
10	MP3B	X	-8.957	4.25
11	MP3B	Z	15.514	4.25
12	MP3B	Mx	003	4.25
13	MP3C	X	-5.466	2.5
14	MP3C	Z	9.467	2.5
15	MP3C	Mx	.005	2.5
16	MP3C	X	-5.466	4.25
17	MP3C	Z	9.467	4.25
18	MP3C	Mx	.005	4.25
19	MP1A	X	-26.978	.75
20	MP1A	Z	46.727	.75
21	MP1A	Mx	.052	.75
22	MP1A	X	-26.978	6
23	MP1A	Z	46.727	6
24	MP1A	Mx	.052	6
25	MP1B	X	-29.017	.75
26	MP1B	Z	50.259	.75
27	MP1B	Mx	055	.75
28	MP1B	X	-29.017	6
29	MP1B	Z	50.259	6
30	MP1B	Mx	055	6
31	MP1C	X	-19.313	.75
32	MP1C	Z	33.451	.75
33	MP1C	Mx	.000631	.75
34	MP1C	X	-19.313	6
35	MP1C	Z	33.451	6
36	MP1C	Mx	.000631	6
37	MP1A	X	-26.978	.75
38	MP1A	Z	46.727	.75
39	MP1A	Mx	025	.75
40	MP1A	X	-26.978	6
41	MP1A	Z	46.727	6
42	MP1A	Mx	025	6
43	MP1B	X	-29.017	.75
44	MP1B	Z	50.259	.75
45	MP1B	Mx	.036	.75
46	MP1B	X	-29.017	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	50.259	6
48	MP1B	Mx	.036	6
49	MP1C	X	-19.313	.75
50	MP1C	Z	33.451	.75
51	MP1C	Mx	.033	.75
52	MP1C	X	-19.313	6
53	MP1C	Z	33.451	6
54	MP1C	Mx	.033	6
55	MP1A	Χ	-7.432	5.25
56	MP1A	Z	12.873	5.25
57	MP1A	Mx	004	5.25
58	MP1B	X	-7.759	5.25
59	MP1B	Z	13.438	5.25
60	MP1B	Mx	.003	5.25
61	MP1C	Χ	-6.207	5.25
62	MP1C	Z	10.75	5.25
63	MP1C	Mx	005	5.25
64	MP2A	X	-7.2	5.25
65	MP2A	Z	12.47	5.25
66	MP2A	Mx	004	5.25
67	MP2B	Χ	-7.65	5.25
68	MP2B	Z	13.249	5.25
69	MP2B	Mx	.003	5.25
70	MP2C	Χ	-5.508	5.25
71	MP2C	Z	9.54	5.25
72	MP2C	Mx	005	5.25
73	OVP1	X	-9.641	.75
74	OVP1	Z	16.699	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-9.641	.75
77	OVP2	Z	16.699	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.467	2.5
2	MP3A	Z	5.466	2.5
3	MP3A	Mx	.005	2.5
4	MP3A	Χ	-9.467	4.25
5	MP3A	Z	5.466	4.25
6	MP3A	Mx	.005	4.25
7	MP3B	Χ	-11.026	2.5
8	MP3B	Z	6.366	2.5
9	MP3B	Mx	005	2.5
10	MP3B	Χ	-11.026	4.25
11	MP3B	Z	6.366	4.25
12	MP3B	Mx	005	4.25
13	MP3C	Χ	-14.243	2.5
14	MP3C	Z	8.223	2.5
15	MP3C	Mx	.004	2.5
16	MP3C	Χ	-14.243	4.25
17	MP3C	Z	8.223	4.25
18	MP3C	Mx	.004	4.25
19	MP1A	Χ	-33.451	.75
20	MP1A	Z	19.313	.75
21	MP1A	Mx	.033	.75

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

00	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	-33.451	6
23	MP1A	Z	19.313	6
24	MP1A	Mx	.033	6
25	MP1B	X	-37.784	.75
26	MP1B	Z	21.814	.75
27	MP1B	Mx	04	.75
28	MP1B	X	-37.784	6
29	MP1B	Z	21.814	6
30	MP1B	Mx	04	6
31	MP1C	X	-46.727	.75
32	MP1C	Z	26.978	.75
33	MP1C	Mx	025	.75
34	MP1C	X	-46.727	6
35	MP1C	Z	26.978	6
36	MP1C	Mx	025	6
37	MP1A	X	-33.451	.75
38	MP1A	Z	19.313	.75
39	MP1A	Mx	.000631	.75
40	MP1A	X	-33.451	6
41	MP1A	Z	19.313	6
42	MP1A	Mx	.000631	6
43	MP1B	X	-37.784	.75
44	MP1B	Z	21.814	.75
45	MP1B	Mx	.007	
46				.75
	MP1B	X	-37.784	6
47	MP1B		21.814	6
48	MP1B	Mx	.007	6
49	MP1C	X	-46.727	.75
50	MP1C	Z	26.978	.75
51	MP1C	Mx	.052	.75
52	MP1C	X	-46.727	6
53	MP1C	Z	26.978	6
54	MP1C	Mx	.052	6
55	MP1A	X	-10.75	5.25
56	MP1A	Z	6.207	5.25
57	MP1A	Mx	005	5.25
58	MP1B	X	-11.443	5.25
59	MP1B	Z	6.607	5.25
60	MP1B	Mx	.005	5.25
61	MP1C	X	-12.873	5.25
62	MP1C	Z	7.432	5.25
63	MP1C	Mx	004	5.25
64	MP2A	X	-9.54	5.25
65	MP2A	Z	5.508	5.25
66	MP2A	Mx	005	5.25
67	MP2B	X	-10.496	5.25
68	MP2B	Z	6.06	5.25
69	MP2B	Mx	.005	5.25
70	MP2C	X	-12.47	5.25
71	MP2C	Z	7.2	5.25
72	MP2C	Mx	004	5.25
73	OVP1	X	-13.778	.75
74	OVP1	Z	7.955	.75
75	OVP1	Mx	0	.75
76	OVP1	X	-13.778	.75
77	OVP2	Z	7.955	.75
78	OVP2 OVP2	Mx	0	.75
10	UVFZ	IVIX	U	.10

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

1         MP3A         X         -8.175         2.5           3         MP3A         X         -8.175         4.25           4         MP3A         X         -8.175         4.25           5         MP3A         X         -8.175         4.25           6         MP3A         X         -8.507         2.5           7         MP3B         X         -8.507         2.5           9         MP3B         X         -8.507         2.5           9         MP3B         X         -8.507         2.5           9         MP3B         X         -8.507         4.25           10         MP3B         X         -8.507         4.25           11         MP3B         X         -19.204         2.5           11         MP3B         MX         -004         4.25           13         MP3C         X         -19.204         4.25           14         M		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
MP3A					
4         MP3A         X         -8.175         4.25           5         MP3A         Z         0         4.25           6         MP3A         Mx         .004         4.25           7         MP3B         X         -8.507         2.5           8         MP3B         X         -8.507         4.25           10         MP3B         X         -8.507         4.25           10         MP3B         X         -8.507         4.25           11         MP3B         X         -8.507         4.25           12         MP3B         MX         -0.04         4.25           12         MP3B         X         -19.004         4.25           12         MP3B         MX         -0.04         4.25           12         MP3B         X         -19.204         4.25           14         MP3C         X         -19.204         4.25           15         MP3C         X         -19.204         4.25           16         MP3C         X         -19.204         4.25           17         MP3C         X         -19.204         4.25           18					
5         MP3A         Z         0         4.25           7         MP3A         Mx         .004         4.25           7         MP3B         X         -8.507         2.5           9         MP3B         X         -8.507         2.5           9         MP3B         X         -8.507         4.25           10         MP3B         X         -8.5077         4.25           11         MP3B         X         -8.5077         4.25           11         MP3B         X         -9.004         4.25           12         MP3B         MX         -004         4.25           13         MP3C         X         -19.204         2.5           14         MP3C         X         -19.204         2.5           16         MP3C         X         -19.204         4.25           17         MP3C         Z         0         4.25           18         MP3C         X         -19.204         4.25           19         MP1A         X         -0         0         4.25           18         MP3C         MX         0         4.25           19					2.5
6         MP3A         Mx         .004         4.25           7         MP3B         X         8.507         2.5           8         MP3B         Z         0         2.5           10         MP3B         Mx         .004         2.5           10         MP3B         X         8.507         4.25           11         MP3B         X         8.507         4.25           12         MP3B         MX        004         4.25           12         MP3B         MX        004         4.25           12         MP3B         MX        004         4.25           13         MP3C         X        19.204         2.5           14         MP3C         X        19.204         2.5           15         MP3C         MX         0         2.25           16         MP3C         X        19.204         4.25           17         MP3C         Z         0         4.25           18         MP3C         X        19.204         4.25           19         MP1A         X         -30.961         .75           20         MP3C </td <td></td> <td></td> <td>X</td> <td></td> <td></td>			X		
R         MP3B         X         -8.507         2.5           9         MP3B         Mx        004         2.5           10         MP3B         X         -8.507         4.25           11         MP3B         X         -8.507         4.25           11         MP3B         X         -9.00         4.25           12         MP3B         MX         -0.00         4.25           13         MP3C         X         -19.204         2.5           14         MP3C         Z         0         2.5           15         MP3C         X         -19.204         4.25           16         MP3C         X         -19.204         4.25           18         MP3C         X         -19.204         4.25           18         MP3C         X         -19.204         4.25           19         MP1A         X         -0.9661         -0.20           20					
8         MP3B         Z         0         2.5           10         MP3B         X         -8.507         4.25           11         MP3B         X         -8.507         4.25           12         MP3B         X         -8.507         4.25           12         MP3B         MX         -004         4.25           12         MP3B         MX         -004         4.25           14         MP3C         X         -19.204         2.5           15         MP3C         MX         0         2.5           16         MP3C         X         -19.204         4.25           17         MP3C         Z         0         4.25           17         MP3C         Z         0         4.25           18         MP3C         MX         0         4.25           19         MP1A         X         -30.961         .75           20         MP1A         X         -30.961         .75           21         MP1A         MX         -0.15         .75           22         MP1A         X         -30.961         .6           23         MP1A					
9			X		2.5
10					
11					
12					
13					
14         MP3C         X         0         2.5           16         MP3C         X         -19.204         4.25           17         MP3C         Z         0         4.25           18         MP3C         Mx         0         4.25           19         MP1A         X         -30.961         .75           20         MP1A         Z         0         .75           21         MP1A         X         -30.961         .75           21         MP1A         X         -30.961         .75           21         MP1A         X         -30.961         6           23         MP1A         X         -30.961         6           23         MP1A         X         -30.961         6           24         MP1A         X         -31.885         .75           26         MP1B         X         -31.885         .75           26         MP1B         X         -31.885         6           27         MP1B         Mx         -02         .75           28         MP1B         X         -31.885         6           29         MP1B <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
15			X		2.5
16					
17					
18         MP3C         Mx         0         4.25           19         MP1A         X         -30.961         .75           20         MP1A         Z         0         .75           21         MP1A         Mx         .015         .75           21         MP1A         X         -30.961         6           23         MP1A         X         -30.961         6           24         MP1A         X         -31.885         .75           24         MP1B         X         -31.885         .75           25         MP1B         X         -31.885         .75           26         MP1B         X         -31.885         .6           27         MP1B         Mx        02         .75           28         MP1B         X         -31.885         6           30         MP1B         X         -31.885         6           31         MP1C         X         -61.621         .75           32         MP1C         X         -61.621         .75           33         MP1C         X         -61.621         .75           33         MP1C					
19         MP1A         X         -30,961         .75           20         MP1A         Z         0         .75           21         MP1A         Mx         .015         .75           22         MP1A         X         -30,961         6           23         MP1A         Z         0         6           24         MP1A         X         -30,961         6           24         MP1A         X         -31,885         .75           26         MP1B         X         -31,885         .75           26         MP1B         X         -31,885         .75           27         MP1B         Mx         -02         .75           28         MP1B         X         -31,885         6         6           29         MP1B         X         -31,885         6         6           30         MP1B         X         -31,885         6         6           31         MP1C         X         -41,621         .75         32           31         MP1C         X         -461,621         .75         33         MP1C         X         -61,621         .6         <					
20         MP1A         Z         0         .75           21         MP1A         Mx         .015         .75           22         MP1A         X         -30,961         6           23         MP1A         Z         0         6           24         MP1A         Mx         .015         6           24         MP1B         Mx         .015         6           25         MP1B         X         -31,885         .75           26         MP1B         X         -31,885         .6           27         MP1B         Mx         -02         .75           28         MP1B         X         -31,885         6           30         MP1B         X         -31,885         6           30         MP1B         Mx         -02         6           31         MP1C         X         -61,621         .75           32         MP1C         X         -61,621         .75           33         MP1C         X         -6621         6           34         MP1C         X         -6621         6           36         MP1C         X					
21         MP1A         MX         -30.961         6           22         MP1A         X         -30.961         6           24         MP1A         MX         -015         6           25         MP1B         X         -31.885         .75           26         MP1B         X         -31.885         .75           26         MP1B         X         -31.885         6           27         MP1B         MX         -02         .75           28         MP1B         X         -31.885         6           29         MP1B         X         -31.885         6           29         MP1B         MX         -02         6           30         MP1B         MX         -02         6           31         MP1C         X         -61.621         .75           32         MP1C         X         -61.621         .75           33         MP1C         X         -61.621         .75           34         MP1C         X         -61.621         .6           35         MP1C         X         -61.621         .75           38         MP1C			X		
22         MP1A         X         -30,961         6           23         MP1A         Z         0         6           24         MP1A         Mx         .015         6           25         MP1B         X         -31,885         .75           26         MP1B         X         -31,885         .75           27         MP1B         Mx         -02         .75           28         MP1B         X         -31,885         6           29         MP1B         X         -31,885         6           30         MP1B         X         -31,885         6           30         MP1B         X         -31,885         6           49         MP1C         X         -61,621         .75           32         MP1C         X         -61,621         .75           33         MP1C         X         -051         .75           34         MP1C         X         -61,621         6           35         MP1C         X         -051         6           36         MP1C         MX        051         6           37         MP1A         X </td <td></td> <td></td> <td></td> <td></td> <td></td>					
23         MP1A         Z         0         6           24         MP1B         X         .31.885         .75           26         MP1B         Z         0         .75           27         MP1B         Mx         .02         .75           28         MP1B         X         .31.885         6           29         MP1B         X         .31.885         6           30         MP1B         X         .02         6           31         MP1C         X         .61.621         .75           32         MP1C         X         .61.621         .75           32         MP1C         X         .61.621         .75           34         MP1C         X         .61.621         6           35         MP1C         X         .61.621         6           35         MP1C         X         .61.621         6           36         MP1C         X         .61.621         6           37         MP1A         X         .30.961         .75           38         MP1A         Z         0         .75           38         MP1A         X					
24         MP1A         Mx         .015         6           25         MP1B         X         .31,885         .75           26         MP1B         Z         0         .75           27         MP1B         Mx        02         .75           28         MP1B         X         -31,885         6           29         MP1B         X         -31,885         6           29         MP1B         X         -31,885         6           30         MP1B         X         -31,885         6           30         MP1B         Mx        02         6           31         MP1C         X         -61,621         .75           32         MP1C         X         -61,621         .75           33         MP1C         Mx        051         .75           34         MP1C         X         -61,621         6           35         MP1C         X         -61,621         6           36         MP1C         Mx        051         6           37         MP1A         X         -30,961         .75           38         MP1A         <			X		
25         MP1B         X         -31.885         .75           26         MP1B         Z         0         .75           27         MP1B         Mx        02         .75           28         MP1B         X         -31.885         6           29         MP1B         X         -31.885         6           29         MP1B         X         -0         6           30         MP1B         X         -02         6           31         MP1C         X         -61.621         .75           32         MP1C         X         -61.621         .75           33         MP1C         X         -61.621         .75           34         MP1C         X         -61.621         6         0           35         MP1C         X         -61.621         6         0         36         MP1C         X         -61.621         6         0         37         MP1A         X         -30.961         .75         0         6         0         37         MP1A         X         -30.961         .75         0         0         6         0         42         MP1A         X				0	6
26         MP1B         Z         0         .75           27         MP1B         Mx        02         .75           28         MP1B         X         -31.885         6           29         MP1B         X         -31.885         6           30         MP1B         Mx        02         6           31         MP1C         X         -61.621         .75           32         MP1C         Z         0         .75           32         MP1C         Mx        051         .75           33         MP1C         Mx        051         .75           34         MP1C         X         -61.621         6           35         MP1C         X         -61.621         6           36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         X         -30.961         .75           39         MP1A         X         -30.961         .6           41         MP1A         X         -30.961         .6           41         MP1A <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
27         MP1B         Mx        02         .75           28         MP1B         X         -31.885         6           29         MP1B         Z         0         6           30         MP1B         Mx        02         6           31         MP1C         X         -61.621         .75           32         MP1C         X         -61.621         .75           33         MP1C         Mx        051         .75           34         MP1C         X         -61.621         6           35         MP1C         X         -61.621         6           36         MP1C         X         -01.621         6           37         MP1A         X         -30.961         .75           38         MP1A         X         -30.961         .75           39         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -31.885         .75           44         MP1B			X		
28         MP1B         X         -31.885         6           29         MP1B         Z         0         6           30         MP1B         Mx        02         6           31         MP1C         X         -61.621         .75           32         MP1C         Z         0         .75           33         MP1C         X         -61.621         6           35         MP1C         Z         0         6           35         MP1C         Z         0         6           36         MP1C         X         -30.961         .75           38         MP1A         X         -30.961         .75           38         MP1A         X         -30.961         .75           39         MP1A         X         -30.961         .6           40         MP1A         X         -30.961         .6           41         MP1A         X         -30.961         .6           42         MP1A         X         -31.885         .75           44         MP1A         X         -31.885         .75           44         MP1B         X					
29         MP1B         Z         0         6           30         MP1B         Mx        02         6           31         MP1C         X         -61.621         .75           32         MP1C         Z         0         .75           33         MP1C         Mx        051         .75           34         MP1C         X         -61.621         6           35         MP1C         Z         0         6           36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         X         -30.961         .75           39         MP1A         X         -30.961         .6           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -31.885         .75           44         MP1B         X         -31.885         .75           44         MP1B         X <td></td> <td></td> <td></td> <td></td> <td></td>					
30         MP1B         Mx        02         6           311         MP1C         X         -61.621         .75           32         MP1C         Z         0         .75           33         MP1C         Mx        051         .75           34         MP1C         X         -61.621         6           35         MP1C         Z         0         6           36         MP1C         X         -051         6           37         MP1A         X         -30.961         .75           38         MP1A         X         -30.961         .75           39         MP1A         Mx         .015         .75           40         MP1A         X         -30.961         .6           41         MP1A         X         -30.961         .6           42         MP1A         X         -31.885         .75           43         MP1B         <			X 7		
31         MP1C         Z         0         .75           32         MP1C         Z         0         .75           33         MP1C         Mx         .051         .75           34         MP1C         X         .61.621         6           35         MP1C         Z         0         6           36         MP1C         Mx         .051         6           37         MP1A         X         .30.961         .75           38         MP1A         Z         0         .75           39         MP1A         X         .30.961         6           40         MP1A         X         .30.961         6           41         MP1A         X         .30.961         6           42         MP1A         X         .31.885         .75           43         MP1B         X					
32         MP1C         Z         0         .75           33         MP1C         Mx        051         .75           34         MP1C         X         -61.621         6           35         MP1C         Z         0         6           36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         Z         0         .75           39         MP1A         X         -30.961         6           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         X         -31.885         .75           44         MP1B         X         -31.885         .75           44         MP1B         X         -31.885         6           47         MP1B         X <td></td> <td></td> <td></td> <td></td> <td></td>					
33         MP1C         Mx        051         .75           34         MP1C         X         -61.621         6           35         MP1C         Z         0         6           36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         Z         0         .75           39         MP1A         X         -30.961         6           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         X         -31.885         .75           44         MP1B         X         -31.885         .75           44         MP1B         X         -31.885         6           47         MP1B         X					
34         MP1C         X         -61.621         6           35         MP1C         Z         0         6           36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         Z         0         .75           39         MP1A         MX         .015         .75           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         X         -31.885         .75           44         MP1B         X         -31.885         .75           44         MP1B         X         -31.885         6           47         MP1B         X<					./5
35         MP1C         Z         0         6           36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         Z         0         .75           39         MP1A         Mx         .015         .75           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         X         -31.885         .75           44         MP1B         X         -31.885         .75           44         MP1B         X         -31.885         6           47         MP1B         X         -31.885         6           47         MP1B         X         -31.885         6           47         MP1B         X         -31.885         6           48         MP1B         X<			IVIX		
36         MP1C         Mx        051         6           37         MP1A         X         -30.961         .75           38         MP1A         Z         0         .75           39         MP1A         Mx         .015         .75           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -30.961         6           42         MP1A         Mx         .015         6           43         MP1B         X         -31.885         .75           44         MP1B         X         -31.885         .75           45         MP1B         X         -31.885         .6           47         MP1B         X         -31.885         .6           47         MP1B         X         -31.885         .6           47         MP1B         X         -0         .6           48         MP1B <td< td=""><td></td><td></td><td>7</td><td></td><td></td></td<>			7		
37         MP1A         X         -30.961         .75           38         MP1A         Z         0         .75           39         MP1A         Mx         .015         .75           40         MP1A         X         -30.961         6           40         MP1A         X         -30.961         6           41         MP1A         X         -30.961         6           42         MP1A         X         -0         6           42         MP1A         Mx         .015         6           43         MP1B         X         -31.885         .75           44         MP1B         X         -31.885         6           45         MP1B         X         -31.885         6           47         MP1B         X         -31.885         6           47         MP1B         X         -31.885         6           47         MP1B         X         -011         6           48         MP1B         Mx         -011         6           49         MP1C         X         -61.621         .75           50         MP1C         X					
38         MP1A         Z         0         .75           39         MP1A         Mx         .015         .75           40         MP1A         X         -30.961         6           41         MP1A         Z         0         6           42         MP1A         Mx         .015         6           43         MP1B         X         -31.885         .75           44         MP1B         Z         0         .75           45         MP1B         X         -31.885         6           47         MP1B         X         -31.885         6           50         MP1C         X					
39         MP1A         Mx         .015         .75           40         MP1A         X         -30.961         6           41         MP1A         Z         0         6           42         MP1A         Mx         .015         6           43         MP1B         X         -31.885         .75           44         MP1B         Z         0         .75           45         MP1B         MX        011         .75           46         MP1B         X         -31.885         6           47         MP1B         X         -31.855         7           50         MP1C         X			7		
40       MP1A       X       -30.961       6         41       MP1A       Z       0       6         42       MP1A       Mx       .015       6         43       MP1B       X       -31.885       .75         44       MP1B       Z       0       .75         45       MP1B       MX      011       .75         46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       X       -61.621       6         52       MP1C       X       -61.621       6         53       MP1C       X       -61.621       6         54       MP1C       X       -61.621       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					.75 75
41       MP1A       Z       0       6         42       MP1A       Mx       .015       6         43       MP1B       X       -31.885       .75         44       MP1B       Z       0       .75         45       MP1B       Mx      011       .75         46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       X       -61.621       6         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					
42       MP1A       Mx       .015       6         43       MP1B       X       -31.885       .75         44       MP1B       Z       0       .75         45       MP1B       Mx      011       .75         46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					
43       MP1B       X       -31.885       .75         44       MP1B       Z       0       .75         45       MP1B       Mx      011       .75         46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					
44       MP1B       Z       0       .75         45       MP1B       Mx      011       .75         46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					
45       MP1B       Mx      011       .75         46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25			7		75
46       MP1B       X       -31.885       6         47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					
47       MP1B       Z       0       6         48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25			X		
48       MP1B       Mx      011       6         49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25					
49       MP1C       X       -61.621       .75         50       MP1C       Z       0       .75         51       MP1C       Mx       .051       .75         52       MP1C       X       -61.621       6         53       MP1C       Z       0       6         54       MP1C       Mx       .051       6         55       MP1A       X       -11.188       5.25         56       MP1A       Z       0       5.25	48				6
50         MP1C         Z         0         .75           51         MP1C         Mx         .051         .75           52         MP1C         X         -61.621         6           53         MP1C         Z         0         6           54         MP1C         Mx         .051         6           55         MP1A         X         -11.188         5.25           56         MP1A         Z         0         5.25			X	-61,621	.75
51     MP1C     Mx     .051     .75       52     MP1C     X     -61.621     6       53     MP1C     Z     0     6       54     MP1C     Mx     .051     6       55     MP1A     X     -11.188     5.25       56     MP1A     Z     0     5.25			Z	0	.75
52     MP1C     X     -61.621     6       53     MP1C     Z     0     6       54     MP1C     Mx     .051     6       55     MP1A     X     -11.188     5.25       56     MP1A     Z     0     5.25					
53         MP1C         Z         0         6           54         MP1C         Mx         .051         6           55         MP1A         X         -11.188         5.25           56         MP1A         Z         0         5.25					
54         MP1C         Mx         .051         6           55         MP1A         X         -11.188         5.25           56         MP1A         Z         0         5.25			Z		
55         MP1A         X         -11.188         5.25           56         MP1A         Z         0         5.25	54			.051	6
56 MP1A Z 0 5.25					
			Z		
			Mx	006	

: Maser Consulting

: Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:40 PM Checked By:\_\_\_

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	Χ	-11.336	5.25
59	MP1B	Ζ	0	5.25
60	MP1B	Mx	.006	5.25
61	MP1C	Χ	-16.091	5.25
62	MP1C	Ζ	0	5.25
63	MP1C	Mx	0	5.25
64	MP2A	Χ	-9.325	5.25
65	MP2A	Ζ	0	5.25
66	MP2A	Mx	005	5.25
67	MP2B	Χ	-9.529	5.25
68	MP2B	Ζ	0	5.25
69	MP2B	Mx	.005	5.25
70	MP2C	Χ	-16.091	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	0	5.25
73	OVP1	Χ	-14.223	.75
74	OVP1	Z	0	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	-14.223	.75
77	OVP2	Ζ	0	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.467	2.5
2	MP3A	Z	-5.466	2.5
3	MP3A	Mx	.005	2.5
4	MP3A	X	-9.467	4.25
5	MP3A	Z	-5.466	4.25
6	MP3A	Mx	.005	4.25
7	MP3B	X	-8.197	2.5
8	MP3B	Z	-4.732	2.5
9	MP3B	Mx	004	2.5
10	MP3B	X	-8.197	4.25
11	MP3B	Z	-4.732	4.25
12	MP3B	Mx	004	4.25
13	MP3C	X	-14.243	2.5
14	MP3C	Z	-8.223	2.5
15	MP3C	Mx	004	2.5
16	MP3C	X	-14.243	4.25
17	MP3C	Z	-8.223	4.25
18	MP3C	Mx	004	4.25
19	MP1A	X	-33.451	.75
20	MP1A	Z	-19.313	.75
21	MP1A	Mx	.000631	.75
22	MP1A	X	-33.451	6
23	MP1A	Z	-19.313	6
24	MP1A	Mx	.000631	6
25	MP1B	X	-29.919	.75
26	MP1B	Z	-17.274	.75
27	MP1B	Mx	006	.75
28	MP1B	X	-29.919	6
29	MP1B	Z	-17.274	6
30	MP1B	Mx	006	6
31	MP1C	X	-46.727	.75
32	MP1C	Z	-26.978	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	052	.75
34	MP1C	X	-46.727	6
35	MP1C	Z	-26.978	6
36	MP1C	Mx	052	6
37	MP1A	X	-33.451	.75
38	MP1A	Z	-19.313	.75
39	MP1A	Mx	.033	.75
40	MP1A	X	-33.451	6
41	MP1A	Z	-19.313	6
42	MP1A	Mx	.033	6
43	MP1B	X	-29.919	.75
44	MP1B	Z	-17.274	.75
45	MP1B	Mx	026	.75
46	MP1B	X	-29.919	6
47	MP1B	Z	-17.274	6
48	MP1B	Mx	026	6
49	MP1C	X	-46.727	.75
50	MP1C	Z	-26.978	.75
51	MP1C	Mx	.025	.75
52	MP1C	X	-46.727	6
53	MP1C	Z	-26.978	6
54	MP1C	Mx	.025	6
55	MP1A	X	-10.75	5.25
56	MP1A	Z	-6.207	5.25
57	MP1A	Mx	005	5.25
58	MP1B	X	-10.186	5.25
59	MP1B	Z	-5.881	5.25
60	MP1B	Mx	.006	5.25
61	MP1C	X	-12.873	5.25
62	MP1C	Z	-7.432	5.25
63	MP1C	Mx	.004	5.25
64	MP2A	X	-9.54	5.25
65	MP2A	Z	-5.508	5.25
66	MP2A	Mx	005	5.25
67	MP2B	X	-8.761	5.25
68	MP2B	Z	-5.058	5.25
69	MP2B	Mx	.005	5.25
70	MP2C	X	-12.47	5.25
71	MP2C	Z	-7.2	5.25
72	MP2C	Mx	.004	5.25
73	OVP1	X	-13.778	.75
74	OVP1	Z	-7.955	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-13.778	.75
77	OVP2	Z	-7.955	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.223	2.5
2	MP3A	Z	-14.243	2.5
3	MP3A	Mx	.004	2.5
4	MP3A	X	-8.223	4.25
5	MP3A	Z	-14.243	4.25
6	MP3A	Mx	.004	4.25
7	MP3B	X	-7.324	2.5

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

	TT OIITE LOUGS (BLO LO :			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	-12.685	2.5
9	MP3B	Mx	005	2.5
10	MP3B	X	-7.324	4.25
11	MP3B	Z	-12.685	4.25
12	MP3B	Mx	005	4.25
13	MP3C	X	-5.466	2.5
14	MP3C	Z	-9.467	2.5
15	MP3C MP3C	Mx	005	2.5
16		X		4.25
	MP3C	Z	-5.466	
17	MP3C		-9.467	4.25
18	MP3C	Mx	005	4.25
19	MP1A	X	-26.978	.75
20	MP1A	Z	-46.727	.75
21	MP1A	Mx	025	.75
22	MP1A	X	-26.978	6
23	MP1A	Z	-46.727	6
24	MP1A	Mx	025	6
25	MP1B	X	-24.476	.75
26	MP1B	Z	-42.394	.75
27	MP1B	Mx	.016	.75
28	MP1B	X	-24.476	6
29	MP1B	Z	-42.394	6
30	MP1B	Mx	.016	6
31	MP1C	X	-19.313	.75
32	MP1C	Z	-33.451	.75
33	MP1C	Mx	033	.75
	MP1C MP1C	X		6
34		Z	-19.313	
35	MP1C		-33.451	6
36	MP1C	Mx	033	6
37	MP1A	X	-26.978	.75
38	MP1A	Z	-46.727	. <u>75</u>
39	MP1A	Mx	.052	.75
40	MP1A	X	-26.978	6
41	MP1A	Z	-46.727	6
42	MP1A	Mx	.052	6
43	MP1B	X	-24.476	.75
44	MP1B	Z	-42.394	.75
45	MP1B	Mx	047	.75
46	MP1B	X	-24.476	6
47	MP1B	Z	-42.394	6
48	MP1B	Mx	047	6
49	MP1C	X	-19.313	.75
50	MP1C	Z	-33.451	.75
51	MP1C	Mx	000631	.75
52	MP1C	X	-19.313	6
53	MP1C	Z	-33.451	6
54	MP1C	Mx	000631	6
55	MP1A	X	-7.432	5.25
56		Z		5.25
57	MP1A		-12.873	
57	MP1A	Mx	004	5.25
58	MP1B	X	-7.032	5.25
59	MP1B	Z	-12.181	5.25
60	MP1B	Mx	.005	5.25
61	MP1C	X Z	-6.207	5.25
62	MP1C		-10.75	5.25
63	MP1C	Mx	.005	5.25
64	MP2A	X	-7.2	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2A	Z	-12.47	5.25
66	MP2A	Mx	004	5.25
67	MP2B	X	-6.648	5.25
68	MP2B	Z	-11.514	5.25
69	MP2B	Mx	.004	5.25
70	MP2C	X	-5.508	5.25
71	MP2C	Z	-9.54	5.25
72	MP2C	Mx	.005	5.25
73	OVP1	Χ	-9.641	.75
74	OVP1	Z	-16.699	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	-9.641	.75
77	OVP2	Z	-16.699	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-6.126	2.5
3	MP3A	Mx	0	2.5
4	MP3A	Χ	0	4.25
5	MP3A	Z	-6.126	4.25
6	MP3A	Mx	0	4.25
7	MP3B	Χ	0	2.5
8	MP3B	Z	-6.013	2.5
9	MP3B	Mx	000522	2.5
10	MP3B	X	0	4.25
11	MP3B	Z	-6.013	4.25
12	MP3B	Mx	000522	4.25
13	MP3C	Χ	0	2.5
14	MP3C	Z	-2.398	2.5
15	MP3C	Mx	001	2.5
16	MP3C	X	0	4.25
17	MP3C	Z	-2.398	4.25
18	MP3C	Mx	001	4.25
19	MP1A	X	0	.75
20	MP1A	Z	-20.71	.75
21	MP1A	Mx	017	.75
22	MP1A	Χ	0	6
23	MP1A	Z	-20.71	6
24	MP1A	Mx	017	6
25	MP1B		0	.75
26	MP1B	X Z	-20.383	.75
27	MP1B	Mx	.015	.75
28	MP1B	X	0	6
29	MP1B	Z	-20.383	6
30	MP1B	Mx	.015	6
31	MP1C	X	0	.75
32	MP1C	Z	-9.863	.75
33	MP1C	Mx	005	.75
34	MP1C	X	0	6
35	MP1C	Z	-9.863	6
36	MP1C	Mx	005	6
37	MP1A	X	0	.75
38	MP1A	Z	-20.71	.75
39	MP1A	Mx	.017	.75
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### Member Point Loads (BLC 27: Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	0	6
41	MP1A	Z	-20.71	6
42	MP1A	Mx	.017	6
43	MP1B	X	0	.75
44	MP1B	Z	-20.383	.75
45	MP1B	Mx	018	.75
46	MP1B	X	0	6
47	MP1B	Z	-20.383	6
48	MP1B	Mx	018	6
49	MP1C	X	0	.75
50	MP1C	Z	-9.863	.75
51	MP1C	Mx	005	.75
52	MP1C	X	0	6
53	MP1C	Z	-9.863	6
54	MP1C	Mx	005	6
55	MP1A	X	0	5.25
56	MP1A	Z	-4.85	5.25
57	MP1A	Mx	0	5.25
58	MP1B	X	0	5.25
59	MP1B	Z	-4.802	5.25
60	MP1B	Mx	.000417	5.25
61	MP1C	X	0	5.25
62	MP1C	Z	-3.242	5.25
63	MP1C	Mx	.002	5.25
64	MP2A	X	0	5.25
65	MP2A	Z	-4.85	5.25
66	MP2A	Mx	0	5.25
67	MP2B	X	0	5.25
68	MP2B	Z	-4.783	5.25
69	MP2B	Mx	.000415	5.25
70	MP2C	X	0	5.25
71	MP2C	Z	-2.626	5.25
72	MP2C	Mx	.001	5.25
73	OVP1	X	0	.75
74	OVP1	Z	-6.484	.75
75	OVP1	Mx	0	.75
76	OVP2	X	0	.75
77	OVP2	Z	-6.484	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.597	2.5
2	MP3A	Z	-4.498	2.5
3	MP3A	Mx	001	2.5
4	MP3A	X	2.597	4.25
5	MP3A	Z	-4.498	4.25
6	MP3A	Mx	001	4.25
7	MP3B	X	2.845	2.5
8	MP3B	Z	-4.927	2.5
9	MP3B	Mx	.000973	2.5
10	MP3B	X	2.845	4.25
11	MP3B	Z	-4.927	4.25
12	MP3B	Mx	.000973	4.25
13	MP3C	X	1.665	2.5
14	MP3C	Z	-2.884	2.5

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

	CIT OME LOUGS (BLO 20.7			
4.5	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	001	2.5
16	MP3C	X	1.665	4.25
17	MP3C	Z	-2.884	4.25
18	MP3C	Mx	001	4.25
19	MP1A	X	8.999	.75
20	MP1A	Z	-15.587	.75
21	MP1A	Mx	017	.75
22	MP1A	X	8.999	6
23	MP1A	Z	-15.587	6
24	MP1A	Mx	017	6
25	MP1B	X	9.721	.75
26	MP1B	Z	-16.837	.75
27	MP1B	Mx	.019	.75
28	MP1B	X	9.721	6
29	MP1B	Z	-16.837	6
30	MP1B	Mx	.019	6
31	MP1C	X	6.288	.75
32	MP1C	Z	-10.89	.75
33	MP1C	Mx	000205	.75
34	MP1C	X	6.288	6
35	MP1C	Z	-10.89	6
36	MP1C	Mx	000205	6
37	MP1A	X	8.999	.75
38	MP1A	Z	-15.587	.75
39	MP1A	Mx	.008	.75
40	MP1A	X	8.999	6
41	MP1A	Z	-15.587	6
42	MP1A	Mx		6
			.008	.75
43	MP1B	X	9.721	./5
44	MP1B		-16.837	.75
45	MP1B	Mx	012	.75
46	MP1B	X	9.721	6
47	MP1B	Z	-16.837	6
48	MP1B	Mx	012	6
49	MP1C	X	6.288	.75
50	MP1C	Z	-10.89	.75
51	MP1C	Mx	011	.75
52	MP1C	X	6.288	6
53	MP1C	Z	-10.89	6
54	MP1C	Mx	011	6
55	MP1A	X	2.224	5.25
56	MP1A	Z	-3.852	5.25
57	MP1A	Mx	.001	5.25
58	MP1B	X	2.331	5.25
59	MP1B	Z	-4.037	5.25
60	MP1B	Mx	000797	5.25
61	MP1C	X	1.822	5.25
62	MP1C	Z	-3.156	5.25
63	MP1C	Mx	.002	5.25
64	MP2A	X	2.147	5.25
65	MP2A	Z	-3.719	5.25
66	MP2A	Mx	.001	5.25
67	MP2B	X	2.295	5.25
68	MP2B	Ž	-3.975	5.25
69	MP2B	Mx	000785	5.25
70	MP2C	X	1.591	5.25
71	MP2C	Z	-2.756	5.25
	IVII ZO		2.100	0.20

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	.001	5.25
73	OVP1	X	2.958	.75
74	OVP1	Z	-5.123	.75
75	OVP1	Mx	0	.75
76	OVP2	X	2.958	.75
77	OVP2	Z	-5.123	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.884	2.5
2	MP3A	Z	-1.665	2.5
3	MP3A	Mx	001	2.5
4	MP3A	X	2.884	4.25
5	MP3A	Z	-1.665	4.25
6	MP3A	Mx	001	4.25
7	MP3B	X	3.411	2.5
8	MP3B	Z	-1.969	2.5
9	MP3B	Mx	.002	2.5
10	MP3B	X	3.411	4.25
11	MP3B	Z	-1.969	4.25
12	MP3B	Mx	.002	4.25
13	MP3C	X	4.498	2.5
14	MP3C	Z	-2.597	2.5
15	MP3C	Mx	001	2.5
16	MP3C	X	4.498	4.25
17	MP3C	Z	-2.597	4.25
18	MP3C	Mx	001	4.25
19	MP1A	X	10.89	.75
20	MP1A	Z	-6.288	.75
21	MP1A	Mx	011	.75
22	MP1A	X	10.89	6
23	MP1A	Z	-6.288	6
24	MP1A	Mx	011	6
25	MP1B	X	12.423	.75
26	MP1B	Z	-7.173	.75
27	MP1B	Mx	.013	.75
28	MP1B	X	12.423	6
29	MP1B	Z	-7.173	6
30	MP1B	Mx	.013	6
31	MP1C	X	15.587	.75
32	MP1C	Z	-8.999	.75
33	MP1C	Mx	.008	.75
34	MP1C	X	15.587	6
35	MP1C	Z	-8.999	6
36	MP1C	Mx	.008	6
37	MP1A	X	10.89	.75
38	MP1A	Z	-6.288	.75
39	MP1A	Mx	000205	.75
40	MP1A	X	10.89	6
41	MP1A	Z	-6.288	6
42	MP1A	Mx	000205	6
43	MP1B	X	12.423	.75
44	MP1B	Z	-7.173	.75
45	MP1B	Mx	002	.75
46	MP1B	X	12.423	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	-7.173	6
48	MP1B	Mx	002	6
49	MP1C	Χ	15.587	.75
50	MP1C	Z	-8.999	.75
51	MP1C	Mx	017	.75
52	MP1C	X	15.587	6
53	MP1C	Z	-8.999	6
54	MP1C	Mx	017	6
55	MP1A	X	3.156	5.25
56	MP1A	Z	-1.822	5.25
57	MP1A	Mx	.002	5.25
58	MP1B	Χ	3.383	5.25
59	MP1B	Z	-1.953	5.25
60	MP1B	Mx	001	5.25
61	MP1C	X	3.852	5.25
62	MP1C	Z	-2.224	5.25
63	MP1C	Mx	.001	5.25
64	MP2A	X	2.756	5.25
65	MP2A	Z	-1.591	5.25
66	MP2A	Mx	.001	5.25
67	MP2B	X	3.07	5.25
68	MP2B	Z	-1.772	5.25
69	MP2B	Mx	001	5.25
70	MP2C	Χ	3.719	5.25
71	MP2C	Z	-2.147	5.25
72	MP2C	Mx	.001	5.25
73	OVP1	Χ	4.139	.75
74	OVP1	Z	-2.39	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	4.139	.75
77	OVP2	Z	-2.39	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.398	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	001	2.5
4	MP3A	Χ	2.398	4.25
5	MP3A	Z	0	4.25
6	MP3A	Mx	001	4.25
7	MP3B	Χ	2.511	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	Χ	2.511	4.25
11	MP3B	Z	0	4.25
12	MP3B	Mx	.001	4.25
13	MP3C	X	6.126	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	6.126	4.25
17	MP3C	Z	0	4.25
18	MP3C	Mx	0	4.25
19	MP1A	Χ	9.863	.75
20	MP1A	Z	0	.75
21	MP1A	Mx	005	.75

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

	Marshard and			L +: [ff+ 0/ ]
22	Member Label MP1A	Direction X	Magnitude[lb,k-ft] 9.863	Location[ft,%]
23	MP1A	Z	9.663	6
24	MP1A MP1B	Mx V	005	6
25		X	10.19	.75
26	MP1B		0	.75
27	MP1B	Mx X	.006	.75
28	MP1B	X	10.19	6
29	MP1B	Z	0	6
30	MP1B	Mx	.006	6
31	MP1C	X	20.71	.75
32	MP1C	Z	0	.75
33	MP1C	Mx	.017	.75
34	MP1C	X	20.71	6
35	MP1C	Z	0	6
36	MP1C	Mx	.017	6
37	MP1A	X	9.863	.75
38	MP1A	Z	0	.75
39	MP1A	Mx	005	.75
40	MP1A	X	9.863	6
41	MP1A	Z	0	6
42	MP1A	Mx	005	6
43	MP1B	X	10.19	.75
44	MP1B	Z	0	.75
45	MP1B	Mx	.004	.75
46	MP1B	X	10.19	6
47	MP1B	Z	0	6
48	MP1B	Mx	.004	6
49	MP1C	X	20.71	.75
50	MP1C	Z	0	.75
51	MP1C	Mx	017	.75
52	MP1C	X	20.71	6
53	MP1C	Z	0	6
54	MP1C	Mx	017	6
55	MP1A	X	3.242	5.25
56	MP1A	Z	0	5.25
57	MP1A	Mx	.002	5.25
58	MP1B	X	3.291	5.25
59	MP1B	Z	0	5.25
60	MP1B	Mx	002	5.25
61	MP1C	X	4.85	5.25
62	MP1C	Z	0	5.25
63	MP1C	Mx	0	5.25
64	MP2A	X	2.626	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	.001	5.25
67	MP2B	X	2.693	5.25
68	MP2B	Z	0	5.25
69	MP2B	Mx V	001	5.25
70	MP2C	X Z	4.85	5.25
71	MP2C		0	5.25
72	MP2C	Mx	0	5.25
73	OVP1	X	4.211	.75
74	OVP1	Z	0	.75
75	OVP1	Mx V	0	.75
76	OVP2	X	4.211	.75
77	OVP2		0	.75
78	OVP2	Mx	0	.75

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

	Mambar Label			Location[ft 9/1
1	Member Label MP3A	Direction X	Magnitude[lb,k-ft] 2.884	Location[ft,%] 2.5
2	MP3A	Z	1.665	2.5
3	MP3A	Mx	001	2.5
4	MP3A	X	2.884	4.25
5	MP3A	Z	1.665	4.25
6	MP3A	Mx	001	4.25
7	MP3B	X	2.455	2.5
8	MP3B	Z	1.417	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	X	2.455	4.25
11	MP3B	Z	1.417	4.25
12	MP3B	Mx	.001	4.25
13	MP3C	X	4.498	2.5
14	MP3C	Z	2.597	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	4.498	4.25
17	MP3C	Z	2.597	4.25
18	MP3C	Mx	.001	4.25
19	MP1A	X	10.89	.75
20	MP1A	Z	6.288	.75
21	MP1A	Mx	000205	.75
22	MP1A	X	10.89	6
23	MP1A	Z	6.288	6
24	MP1A	Mx	000205	6
25	MP1B	X	9.641	.75
26	MP1B	Z	5.566	.75
27	MP1B	Mx	.002	.75
28	MP1B	X	9.641	6
29	MP1B	Z	5.566	6
30	MP1B	Mx	.002	6
31	MP1C MP1C	X	15.587	.75 .75
33	MP1C	Mx	8.999 .017	.75 .75
34	MP1C MP1C	X	15.587	6
35	MP1C	Z	8.999	6
36	MP1C	Mx	.017	6
37	MP1A	X	10.89	.75
38	MP1A	Z	6.288	.75
39	MP1A	Mx	011	.75
40	MP1A	X	10.89	6
41	MP1A	Z	6.288	6
42	MP1A	Mx	011	6
43	MP1B		9.641	.75
44	MP1B	X Z	5.566	.75
45	MP1B	Mx	.008	.75
46	MP1B	X	9.641	6
47	MP1B	Z	5.566	6
48	MP1B	Mx	.008	6
49	MP1C	X	15.587	.75
50	MP1C		8.999	.75
51	MP1C	Mx	008	.75
52	MP1C	X	15.587	6
53	MP1C	Z	8.999	6
54	MP1C	Mx	008	6
55	MP1A	X	3.156	5.25
56	MP1A	Z	1.822	5.25
57	MP1A	Mx	.002	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	Χ	2.971	5.25
59	MP1B	Ζ	1.715	5.25
60	MP1B	Mx	002	5.25
61	MP1C	Χ	3.852	5.25
62	MP1C	Ζ	2.224	5.25
63	MP1C	Mx	001	5.25
64	MP2A	Χ	2.756	5.25
65	MP2A	Ζ	1.591	5.25
66	MP2A	Mx	.001	5.25
67	MP2B	Χ	2.5	5.25
68	MP2B	Z	1.443	5.25
69	MP2B	Mx	001	5.25
70	MP2C	Χ	3.719	5.25
71	MP2C	Ζ	2.147	5.25
72	MP2C	Mx	001	5.25
73	OVP1	Χ	4.139	.75
74	OVP1	Z	2.39	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	4.139	.75
77	OVP2	Ζ	2.39	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.597	2.5
2	MP3A	Z	4.498	2.5
3	MP3A	Mx	001	2.5
4	MP3A	X	2.597	4.25
5	MP3A	Z	4.498	4.25
6	MP3A	Mx	001	4.25
7	MP3B	X	2.293	2.5
8	MP3B	Z	3.971	2.5
9	MP3B	Mx	.001	2.5
10	MP3B	X	2.293	4.25
11	MP3B	Z	3.971	4.25
12	MP3B	Mx	.001	4.25
13	MP3C	X	1.665	2.5
14	MP3C	Z	2.884	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	1.665	4.25
17	MP3C	Z	2.884	4.25
18	MP3C	Mx	.001	4.25
19	MP1A	X	8.999	.75
20	MP1A	Z	15.587	.75
21	MP1A	Mx	.008	.75
22	MP1A	X	8.999	6
23	MP1A	Z	15.587	6
24	MP1A	Mx	.008	6
25	MP1B	X	8.114	.75
26	MP1B	Z	14.054	.75
27	MP1B	Mx	005	.75
28	MP1B	X	8.114	6
29	MP1B	Z	14.054	6
30	MP1B	Mx	005	6
31	MP1C	X	6.288	.75
32	MP1C	Z	10.89	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	.011	.75
34	MP1C	X	6.288	6
35	MP1C	Z	10.89	6
36	MP1C	Mx	.011	6
37	MP1A	X	8.999	.75
38	MP1A	Z	15.587	.75
39	MP1A	Mx	017	.75
40	MP1A	X	8.999	6
41	MP1A	Z	15.587	6
42	MP1A	Mx	017	6
43	MP1B	X	8.114	.75
44	MP1B	Z	14.054	.75
45	MP1B	Mx	.016	.75
46	MP1B	X	8.114	6
47	MP1B	Z	14.054	6
48	MP1B	Mx	.016	6
49	MP1C	X	6.288	.75
50	MP1C	Z	10.89	.75
51	MP1C	Mx	.000205	.75
52	MP1C	X	6.288	6
53	MP1C	Z	10.89	6
54	MP1C	Mx	.000205	6
55	MP1A	X	2.224	5.25
56	MP1A	Z	3.852	5.25
57	MP1A	Mx	.001	5.25
58	MP1B	X	2.093	5.25
59	MP1B	Z	3.625	5.25
60	MP1B	Mx	001	5.25
61	MP1C	X	1.822	5.25
62	MP1C	Z	3.156	5.25
63	MP1C	Mx	002	5.25
64	MP2A	X	2.147	5.25
65	MP2A	Z	3.719	5.25
66	MP2A	Mx	.001	5.25
67	MP2B	X	1.966	5.25
68	MP2B		3.405	5.25
69	MP2B	Mx V	001	5.25
70	MP2C	X Z	1.591	5.25
71	MP2C		2.756	5.25
72	MP2C OVP1	Mx V	001	5.25
73		X	2.958	.75
74 75	OVP1 OVP1	Mx	5.123 0	.75 .75
76	OVP2	X Z	2.958	.75 .75
77	OVP2		5.123	
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	6.126	2.5
3	MP3A	Mx	0	2.5
4	MP3A	X	0	4.25
5	MP3A	Z	6.126	4.25
6	MP3A	Mx	0	4.25
7	MP3B	X	0	2.5

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

	TT OHN LOUGS (BLO CO :			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	6.013	2.5
9	MP3B	Mx	.000522	2.5
10	MP3B	X	0	4.25
11	MP3B	Z	6.013	4.25
12	MP3B	Mx	.000522	4.25
13	MP3C	X	0	2.5
14	MP3C	Z	2.398	2.5
15	MP3C MP3C	Mx	.001	2.5
16	MP3C		0	4.25
		X Z		
17	MP3C		2.398	4.25
18	MP3C	Mx	.001	4.25
19	MP1A	X	0	. <u>75</u>
20	MP1A	Z	20.71	.75
21	MP1A	Mx	.017	.75
22	MP1A	X	0	6
23	MP1A	Z	20.71	6
24	MP1A	Mx	.017	6
25	MP1B	X	0	.75
26	MP1B	Z	20.383	.75
27	MP1B	Mx	015	.75
28	MP1B	X	0	6
29	MP1B	Z	20.383	6
30	MP1B	Mx	015	6
31	MP1C		0	.75
32	MP1C	X Z	9.863	.75
33	MP1C	Mx	.005	.75
34	MP1C	X	0	6
35	MP1C	Z	9.863	6
36	MP1C	Mx	.005	6
37	MP1A	X	0	.75
38		Z	20.71	.75
	MP1A			
39	MP1A	Mx	017	.75
40	MP1A	X	0	6
41	MP1A	Z	20.71	6
42	MP1A	Mx	017	6
43	MP1B	X	0	.75
44	MP1B	Z	20.383	.75
45	MP1B	Mx	.018	.75
46	MP1B	X	0	6
47	MP1B	Z	20.383	6
48	MP1B	Mx	.018	6
49	MP1C	X	0	.75
50	MP1C	Z	9.863	.75
51	MP1C	Mx	.005	.75
52	MP1C	X	0	6
53	MP1C	Z	9.863	6
54	MP1C	Mx	.005	6
55	MP1A	X	0	5.25
56	MP1A	Z	4.85	5.25
57	MP1A	Mx	0	5.25
58	MP1B	X	0	5.25
59	MP1B	Z	4.802	5.25
60	MP1B	Mx	000417	5.25
61	MP1C		000417	5.25
62		X	3.242	5.25
	MP1C			
63	MP1C	Mx	002	5.25
64	MP2A	X	0	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2A	Z	4.85	5.25
66	MP2A	Mx	0	5.25
67	MP2B	Χ	0	5.25
68	MP2B	Z	4.783	5.25
69	MP2B	Mx	000415	5.25
70	MP2C	Χ	0	5.25
71	MP2C	Z	2.626	5.25
72	MP2C	Mx	001	5.25
73	OVP1	X	0	.75
74	OVP1	Z	6.484	.75
75	OVP1	Mx	0	.75
76	OVP2	X	0	.75
77	OVP2	Z	6.484	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.597	2.5
2	MP3A	Z	4.498	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.597	4.25
5	MP3A	Z	4.498	4.25
6	MP3A	Mx	.001	4.25
7	MP3B	X	-2.845	2.5
8	MP3B	Z	4.927	2.5
9	MP3B	Mx	000973	2.5
10	MP3B	X	-2.845	4.25
11	MP3B	Z	4.927	4.25
12	MP3B	Mx	000973	4.25
13	MP3C	X	-1.665	2.5
14	MP3C	Z	2.884	2.5
15	MP3C	Mx	.001	2.5
16	MP3C	X	-1.665	4.25
17	MP3C	Z	2.884	4.25
18	MP3C	Mx	.001	4.25
19	MP1A	X	-8.999	.75
20	MP1A	Z	15.587	.75
21	MP1A	Mx	.017	.75
22	MP1A	X	-8.999	6
23	MP1A	Z	15.587	6
24	MP1A	Mx	.017	6
25	MP1B	X	-9.721	.75
26	MP1B	Z	16.837	.75
27	MP1B	Mx	019	.75
28	MP1B	X	-9.721	6
29	MP1B	Z	16.837	6
30	MP1B	Mx	019	6
31	MP1C	X	-6.288	.75
32	MP1C	Z	10.89	.75
33	MP1C	Mx	.000205	.75
34	MP1C	X	-6.288	6
35	MP1C	Z	10.89	6
36	MP1C	Mx	.000205	6
37	MP1A	X	-8.999	.75
38	MP1A	Z	15.587	.75
39	MP1A	Mx	008	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-8.999	6
41	MP1A	Ž	15.587	6
42	MP1A	Mx	008	6
43	MP1B	X	-9.721	.75
44	MP1B	Z	16.837	.75
45	MP1B	Mx	.012	.75
46	MP1B	X	-9.721	6
47	MP1B	Ž	16.837	6
48	MP1B	Mx	.012	6
49	MP1C	X	-6.288	.75
50	MP1C	Z	10.89	.75
51	MP1C	Mx	.011	.75
52	MP1C	X	-6.288	6
53	MP1C	Z	10.89	6
54	MP1C	Mx	.011	6
55	MP1A	X	-2.224	5.25
56	MP1A	Z	3.852	5.25
57	MP1A	Mx	001	5.25
58	MP1B	X	-2.331	5.25
59	MP1B	Z	4.037	5.25
60	MP1B	Mx	.000797	5.25
61	MP1C	X	-1.822	5.25
62	MP1C	Z	3.156	5.25
63	MP1C	Mx	002	5.25
64	MP2A	X	-2.147	5.25
65	MP2A	Z	3.719	5.25
66	MP2A	Mx	001	5.25
67	MP2B	X	-2.295	5.25
68	MP2B	Z	3.975	5.25
69	MP2B	Mx	.000785	5.25
70	MP2C	X	-1.591	5.25
71	MP2C	Z	2.756	5.25
72	MP2C	Mx	001	5.25
73	OVP1	X	-2.958	.75
74	OVP1	Z	5.123	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-2.958	.75
77	OVP2	Z	5.123	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Х	-2.884	2.5
2	MP3A	Ζ	1.665	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	Χ	-2.884	4.25
5	MP3A	Z	1.665	4.25
6	MP3A	Mx	.001	4.25
7	MP3B	X	-3.411	2.5
8	MP3B	Z	1.969	2.5
9	MP3B	Mx	002	2.5
10	MP3B	Χ	-3.411	4.25
11	MP3B	Z	1.969	4.25
12	MP3B	Mx	002	4.25
13	MP3C	X	-4.498	2.5
14	MP3C	Z	2.597	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	.001	2.5
16	MP3C	X	-4.498	4.25
17	MP3C	Z	2.597	4.25
18	MP3C	Mx	.001	4.25
19	MP1A	X	-10.89	.75
20	MP1A	Z	6.288	.75
21	MP1A	Mx	.011	.75
22	MP1A	X	-10.89	6
23	MP1A	Z	6.288	6
24	MP1A	Mx	.011	6
25	MP1B	X	-12.423	.75
26	MP1B	Z	7.173	.75
27	MP1B	Mx	013	.75
28	MP1B	X	-12.423	6
29	MP1B	Z	7.173	6
30	MP1B	Mx	013	6
31	MP1C	X	-15.587	.75
32	MP1C	Z	8.999	.75
33	MP1C	Mx	008	.75
34	MP1C	X	-15.587	6
35	MP1C	Z	8.999	6
36	MP1C	Mx	008	6
37	MP1A	X	-10.89	.75
38	MP1A	Z	6.288	.75
39	MP1A	Mx	.000205	.75
40	MP1A	X	-10.89	6
41	MP1A	Z	6.288	6
42	MP1A	Mx	.000205	6
43	MP1B	X	-12.423	.75
44	MP1B	Z	7.173	.75
45	MP1B	Mx	.002	.75
46	MP1B	X	-12.423	6
47	MP1B	Z	7.173	6
48	MP1B	Mx	.002	6
49	MP1C	X	-15.587	.75
50	MP1C	Z	8.999	.75
51	MP1C	Mx	.017	.75
52	MP1C	X	-15.587	6
53	MP1C	Z	8.999	6
54	MP1C	Mx	.017	6
55	MP1A	X	-3.156	5.25
56	MP1A	Z	1.822	5.25
57	MP1A	Mx	002	5.25
58	MP1B	X	-3.383	5.25
59	MP1B	Z	1.953	5.25
60	MP1B	Mx	.001	5.25
61	MP1C	X	-3.852	5.25
62	MP1C	Z	2.224	5.25
63	MP1C	Mx	001	5.25
64	MP2A	X	-2.756	5.25
65	MP2A	Z	1.591	5.25
66	MP2A	Mx	001	5.25
67	MP2B	X	-3.07	5.25
68	MP2B	Z	1.772	5.25
69	MP2B	Mx	.001	5.25
70	MP2C	X	-3.719	5.25
71	MP2C	Z	2.147	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	001	5.25
73	OVP1	X	-4.139	.75
74	OVP1	Z	2.39	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-4.139	.75
77	OVP2	Z	2.39	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.398	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.398	4.25
5	MP3A	Z	0	4.25
6	MP3A	Mx	.001	4.25
7	MP3B	X	-2.511	2.5
8	MP3B	Z	0	2.5
9	MP3B	Mx	001	2.5
10	MP3B	X	-2.511	4.25
11	MP3B	Z	0	4.25
12	MP3B	Mx	001	4.25
13	MP3C	X	-6.126	2.5
14	MP3C	Z	0	2.5
15	MP3C	Mx	0	2.5
16	MP3C	X	-6.126	4.25
17	MP3C	Z	0	4.25
18	MP3C	Mx	0	4.25
19	MP1A	X	-9.863	.75
20	MP1A	Z	0	.75
21	MP1A	Mx	.005	.75
22	MP1A	X	-9.863	6
23	MP1A	Z	0	6
24	MP1A	Mx	.005	6
25	MP1B	X	-10.19	.75
26	MP1B	Z	0	.75
27	MP1B	Mx	006	.75
28	MP1B	X	-10.19	6
29	MP1B	Z	0	6
30	MP1B	Mx	006	6
31	MP1C	X	-20.71	.75
32	MP1C	Z	0	.75
33	MP1C	Mx	017	.75
34	MP1C	X	-20.71	6
35	MP1C	Z	0	6
36	MP1C	Mx	017	6
37	MP1A	X Z	-9.863	.75
38	MP1A		0	.75
39	MP1A	Mx	.005	.75
40	MP1A	X Z	-9.863	6
41 42	MP1A MP1A	Mx	0 .005	6
42	MP1A MP1B	X		.75
44	MP1B MP1B	Z	-10.19 0	.75 .75
45	MP1B MP1B		004	.75 .75
46		Mx X		
40	MP1B	X	-10.19	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	0	6
48	MP1B	Mx	004	6
49	MP1C	X	-20.71	.75
50	MP1C	Z	0	.75
51	MP1C	Mx	.017	.75
52	MP1C	X	-20.71	6
53	MP1C	Z	0	6
54	MP1C	Mx	.017	6
55	MP1A	X	-3.242	5.25
56	MP1A	Z	0	5.25
57	MP1A	Mx	002	5.25
58	MP1B	X	-3.291	5.25
59	MP1B	Z	0	5.25
60	MP1B	Mx	.002	5.25
61	MP1C	X	-4.85	5.25
62	MP1C	Z	0	5.25
63	MP1C	Mx	0	5.25
64	MP2A	X	-2.626	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	001	5.25
67	MP2B	X	-2.693	5.25
68	MP2B	Z	0	5.25
69	MP2B	Mx	.001	5.25
70	MP2C	X	-4.85	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	0	5.25
73	OVP1	X	-4.211	.75
74	OVP1	Z	0	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-4.211	.75
77	OVP2	Z	0	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Χ	-2.884	2.5
2	MP3A	Z	-1.665	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	Χ	-2.884	4.25
5	MP3A	Z	-1.665	4.25
6	MP3A	Mx	.001	4.25
7	MP3B	X	-2.455	2.5
8	MP3B	Z	-1.417	2.5
9	MP3B	Mx	001	2.5
10	MP3B	X	-2.455	4.25
11	MP3B	Z	-1.417	4.25
12	MP3B	Mx	001	4.25
13	MP3C	X	-4.498	2.5
14	MP3C	Z	-2.597	2.5
15	MP3C	Mx	001	2.5
16	MP3C	X	-4.498	4.25
17	MP3C	Z	-2.597	4.25
18	MP3C	Mx	001	4.25
19	MP1A	X	-10.89	.75
20	MP1A	Z	-6.288	.75
21	MP1A	Mx	.000205	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	-10.89	6
23	MP1A	Z	-6.288	6
24	MP1A	Mx	.000205	6
25	MP1B	X	-9.641	.75
26	MP1B	Z	-5.566	.75
27	MP1B	Mx	002	.75
28	MP1B	X	-9.641	6
29	MP1B	Z	-5.566	6
30	MP1B	Mx	002	6
31	MP1C	X	-15.587	.75
32	MP1C	Z	-8.999	.75
33	MP1C	Mx	017	.75
34	MP1C	X	-15.587	6
35	MP1C	Z	-8.999	6
36	MP1C	Mx	017	6
37	MP1A	X	-10.89	.75
38	MP1A	Z	-6.288	.75
39	MP1A	Mx	.011	.75
40	MP1A	X	-10.89	6
41	MP1A	Z	-6.288	6
42	MP1A	Mx	.011	6
43	MP1B	X	-9.641	.75
44	MP1B	Z	-5.566	.75
45	MP1B	Mx	008	.75
46	MP1B	X	-9.641	6
47	MP1B	Z	-5.566	6
48	MP1B	Mx	008	6
49	MP1C	X	-15.587	.75
50	MP1C	Z	-8.999	.75
51	MP1C	Mx	.008	.75
52	MP1C	X	-15.587	6
53	MP1C	Z	-8.999	6
54	MP1C	Mx	.008	6
55	MP1A	X Z	-3.156	5.25
<u>56</u> 57	MP1A MP1A	Mx	-1.822 002	5.25 5.25
58	MP1B		-2.971	5.25
59	MP1B	X Z	-1.715	5.25
60	MP1B	Mx	.002	5.25
61	MP1C	X	-3.852	5.25
62	MP1C	Z	-2.224	5.25
63	MP1C	Mx	.001	5.25
64	MP2A	X	-2.756	5.25
65	MP2A	Z	-1.591	5.25
66	MP2A	Mx	001	5.25
67	MP2B	X	-2.5	5.25
68	MP2B	Z	-1.443	5.25
69	MP2B	Mx	.001	5.25
70	MP2C	X	-3.719	5.25
71	MP2C	Z	-2.147	5.25
72	MP2C	Mx	.001	5.25
73	OVP1	X	-4.139	.75
74	OVP1	Z	-2.39	.75
75	OVP1	Mx	0	.75
76	OVP2	X	-4.139	.75
77	OVP2	Z	-2.39	.75
78	OVP2	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.597	2.5
2	MP3A	Z	-4.498	2.5
3	MP3A	Mx	.001	2.5
4	MP3A	X	-2.597	4.25
5	MP3A	Z	-4.498	4.25
6	MP3A	Mx	.001	4.25
7	MP3B	X	-2.293	2.5
8	MP3B	Z	-3.971	2.5
9	MP3B	Mx	001	2.5
10	MP3B	X	-2.293	4.25
11	MP3B	Z	-3.971	4.25
12	MP3B	Mx	001	4.25
13	MP3C	X	-1.665	2.5
14	MP3C	Z	-2.884	2.5
15	MP3C	Mx	001	2.5
16	MP3C	X	-1.665	4.25
17	MP3C	Z	-2.884	4.25
18	MP3C	Mx	001	4.25
19	MP1A	X Z	-8.999	.75
20	MP1A		-15.587	.75
21	MP1A	Mx	008	.75
22	MP1A	X Z	-8.999 45.507	6
23	MP1A		-15.587	6
24	MP1A	Mx	008 -8.114	.75
25	MP1B	X		.75
26	MP1B		-14.054	
27 28	MP1B	Mx X	.005 -8.114	.75
29	MP1B MP1B	Z	-0.114	<u>6</u> 6
30	MP1B	Mx	.005	6
31	MP1C	X	-6.288	.75
32	MP1C	Z	-10.89	.75
33	MP1C	Mx	011	.75
34	MP1C	X	-6.288	6
35	MP1C	Z	-10.89	6
36	MP1C	Mx	011	6
37	MP1A	X	-8.999	.75
38	MP1A	Z	-15.587	.75
39	MP1A	Mx	.017	.75
40	MP1A	X	-8.999	6
41	MP1A	Z	-15.587	6
42	MP1A	Mx	.017	6
43	MP1B	X	-8.114	.75
44	MP1B	Ž	-14.054	.75
45	MP1B	Mx	016	.75
46	MP1B	X	-8.114	6
47	MP1B	Z	-14.054	6
48	MP1B	Mx	016	6
49	MP1C	X	-6.288	.75
50	MP1C	Z	-10.89	.75
51	MP1C	Mx	000205	.75
52	MP1C	X	-6.288	6
53	MP1C	Z	-10.89	6
54	MP1C	Mx	000205	6
55	MP1A	X	-2.224	5.25
56	MP1A	Z	-3.852	5.25
57	MP1A	Mx	001	5.25



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Designer :
Job Number : Project No. 10055829 Model Name

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	Χ	-2.093	5.25
59	MP1B	Ζ	-3.625	5.25
60	MP1B	Mx	.001	5.25
61	MP1C	Χ	-1.822	5.25
62	MP1C	Z	-3.156	5.25
63	MP1C	Mx	.002	5.25
64	MP2A	Χ	-2.147	5.25
65	MP2A	Ζ	-3.719	5.25
66	MP2A	Mx	001	5.25
67	MP2B	Χ	-1.966	5.25
68	MP2B	Z	-3.405	5.25
69	MP2B	Mx	.001	5.25
70	MP2C	Χ	-1.591	5.25
71	MP2C	Z	-2.756	5.25
72	MP2C	Mx	.001	5.25
73	OVP1	Χ	-2.958	.75
74	OVP1	Z	-5.123	.75
75	OVP1	Mx	0	.75
76	OVP2	Χ	-2.958	.75
77	OVP2	Z	-5.123	.75
78	OVP2	Mx	0	.75

#### Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M130	Υ	-500	0

#### Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Υ	-500	0

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

_		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
	1	M109	Υ	-250	0

#### Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M109	Υ	-250	%50

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	Υ	-5.603	-5.603	0	%100
2	M110	Υ	-5.603	-5.603	0	%100
3	M116	Υ	-7.511	-7.511	0	%100
4	M117	Υ	-7.511	-7.511	0	%100
5	M118	Υ	-7.511	-7.511	0	%100
6	M124	Υ	-5.603	-5.603	0	%100
7	M125	Υ	-5.603	-5.603	0	%100
8	M126	Υ	-5.603	-5.603	0	%100
9	M127	Υ	-4.906	-4.906	0	%100
10	M128	Υ	-4.906	-4.906	0	%100
11	MP1A	Υ	-4.906	-4.906	0	%100
12	M18	Υ	-7.511	-7.511	0	%100
13	M19	Υ	-7.511	-7.511	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	
14	M20	Y	-7.511	-7.511	0	%100
15	M21	Υ	-11.372	-11.372	0	%100
16	M22	Υ	-11.372	-11.372	0	%100
17	M21A	Υ	-11.372	-11.372	0	%100
18	M23	Υ	-11.372	-11.372	0	%100
19	M23A	Υ	-3.909	-3.909	0	%100
20	M24	Υ	-2.29	-2.29	0	%100
21	M25	Υ	-4.906	-4.906	0	%100
22	M26	Υ	-4.906	-4.906	0	%100
23	M27	Υ	-4.906	-4.906	0	%100
24	M28	Υ	-4.906	-4.906	0	%100
25	M29	Υ	-4.906	-4.906	0	%100
26	MP2A	Υ	-4.906	-4.906	0	%100
27	MP3A	Υ	-4.906	-4.906	0	%100
28	M161	Υ	-5.603	-5.603	0	%100
29	M162	Υ	-5.603	-5.603	0	%100
30	M163	Y	-7.511	-7.511	0	%100
31	M164	Ý	-7.511	-7.511	0	%100
32	M165	Y	-7.511	-7.511	0	%100 %100
33	M168	Ý	-5.603	-5.603	0	%100
34	M169	Y	-5.603	-5.603	0	%100
35	M170	Y	-5.603	-5.603	0	%100
36	M171	Ý	-4.906	-4.906	0	%100
37	M172	Ý	-4.906	-4.906	0	%100
38	MP1B	Y	-4.906	-4.906	0	%100
39	M176	Ý	-7.511	-7.511	0	%100
40	M177	Ý	-7.511	-7.511	0	%100
41	M178	Ý	-7.511	-7.511	0	%100
42	M179	Ý	-11.372	-11.372	0	%100
43	M180	Y	-11.372	-11.372	0	%100
44	M181	Y	-11.372	-11.372	0	%100
45	M182	Y	-11.372	-11.372	0	%100
46	M183	Y	-3.909	-3.909	0	%100
47	M184	Y	-2.29	-2.29	0	%100
48	M185	Υ	-4.906	-4.906	0	%100
49	M186	Υ	-4.906	-4.906	0	%100
50	M187	Υ	-4.906	-4.906	0	%100
51	M188	Υ	-4.906	-4.906	0	%100
52	M189	Υ	-4.906	-4.906	0	%100
53	MP2B	Υ	-4.906	-4.906	0	%100
54	MP3B	Υ	-4.906	-4.906	0	%100
55	M201	Υ	-5.603	-5.603	0	%100
56	M202	Υ	-5.603	-5.603	0	%100
57	M203	Υ	-7.511	-7.511	0	%100
58	M204	Υ	-7.511	-7.511	0	%100
59	M205	Υ	-7.511	-7.511	0	%100
60	M208	Υ	-5.603	-5.603	0	%100
61	M209	Υ	-5.603	<u>-5.603</u>	0	%100
62	M210	Υ	-5.603	-5.603	0	%100
63	M211	Υ	-4.906	-4.906	0	%100
64	M212	Υ	-4.906	-4.906	0	%100
65	MP1C	Υ	-4.906	-4.906	0	%100
66	M216	Υ	-7.511	-7.511	0	%100
67	M217	Y	-7.511	-7.511	0	%100
68	M218	Υ	-7.511	-7.511	0	%100
69	M219	Υ	-11.372	-11.372	0	%100
70	M220	Υ	-11.372	-11.372	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
71	M221	Υ	-11.372	-11.372	0	%100
72	M222	Υ	-11.372	-11.372	0	%100
73	M223	Υ	-3.909	-3.909	0	%100
74	M224	Υ	-2.29	-2.29	0	%100
75	M225	Υ	-4.906	-4.906	0	%100
76	M226	Υ	-4.906	-4.906	0	%100
77	M227	Υ	-4.906	-4.906	0	%100
78	M228	Υ	-4.906	-4.906	0	%100
79	M229	Υ	-4.906	-4.906	0	%100
80	MP2C	Υ	-4.906	-4.906	0	%100
81	MP3C	Υ	-4.906	-4.906	0	%100
82	M121	Υ	-4.906	-4.906	0	%100
83	M122A	Υ	-4.906	-4.906	0	%100
84	M123A	Υ	-4.906	-4.906	0	%100
85	M124A	Υ	-4.906	-4.906	0	%100
86	M125A	Υ	-4.906	-4.906	0	%100
87	M126A	Υ	-4.906	-4.906	0	%100
88	OVP1	Υ	-4.906	-4.906	0	%100
89	OVP2	Υ	-4.906	-4.906	0	%100
90	M133	Υ	-6.475	-6.475	0	%100
91	M137	Υ	-6.475	-6.475	0	%100
92	M141	Υ	-6.475	-6.475	0	%100
93	M148	Υ	-7.511	-7.511	0	%100
94	M149	Υ	-7.511	-7.511	0	%100
95	M150	Υ	-7.511	-7.511	0	%100
96	M151	Υ	-4.906	-4.906	0	%100
97	M152	Υ	-4.906	-4.906	0	%100
98	M153	Υ	-4.906	-4.906	0	%100
99	M151A	Υ	-4.243	-4.243	0	%100
100	M152A	Υ	-4.243	-4.243	0	%100
101	M153A	Υ	-4.243	-4.243	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	-13.154	-13.154	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	-13.154	-13.154	0	%100
5	M116	X	0	0	0	%100
6	M116	Z	-4.013	-4.013	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	-10.082	-10.082	0	%100
9	M118	X	0	0	0	%100
10	M118	Z	-4.013	-4.013	0	%100
11	M124	X	0	0	0	%100
12	M124	Z	-10.622	-10.622	0	%100
13	M125	X	0	0	0	%100
14	M125	Z	7	7	0	%100
15	M126	X	0	0	0	%100
16	M126	Z	7	7	0	%100
17	M127	X	0	0	0	%100
18	M127	Z	-8.547	-8.547	0	%100
19	M128	X	0	0	0	%100
20	M128	Z	-8.547	-8.547	0	%100
21	MP1A	X	0	0	0	%100
22	MP1A	Z	-10.866	-10.866	0	%100

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

				E IM " I THE TELL		F 11 0 F0
22	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
23 24	M18 M18	X Z	-4.013	0 -4.013	0	%100 %100
			<del>-4.013</del> 0			
25	M19	X Z	-10.082	0 -10.082	0	%100 %100
26 27	M19 M20	X	-10.062	-10.062 0	0	%100
	M20	Z	-4.013	-4.013	0	%100 %100
28 29	M21	X	<del>-4.013</del> 0	-4.013 0	0	
	M∠1 M21	Z	-4.176	-	0	%100 %100
30 31	M22	X	<del>-4.176</del> 0	<u>-4.176</u>	0	%100 %100
32	M22	Z	115	0 115	0	%100 %100
33	M21A	X	113	115 0	0	%100 %100
34	M21A	Z	-4.176	-4.176	0	%100 %100
35	M23	X	0	0	0	%100 %100
36	M23	Z	115	115	0	%100 %100
37	M23A	X	0	<u>113</u> 0	0	%100 %100
38	M23A	Z	-7.383	-7.383	0	%100 %100
39	M24	X	0	0	0	%100 %100
40	M24	Z	-1.494	-1.494	0	%100 %100
41	M25	X	0	0	0	%100 %100
42	M25	Z	-8.547	-8.547	0	%100 %100
43	M26	X	0	0	0	%100 %100
44	M26	Z	-8.547	-8.547	0	%100 %100
45	M27	X	0.047	0	0	%100 %100
46	M27	Z	-8.547	-8.547	0	%100 %100
47	M28	X	0	0	0	%100 %100
48	M28	Z	-8.547	-8.547	0	%100 %100
49	M29	X	0	0	0	%100 %100
50	M29	Z	-8.547	-8.547	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-10.866	-10.866	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-10.866	-10.866	0	%100
55	M161	X	0	0	0	%100
56	M161	Z	-11.615	-11.615	0	%100
57	M162	X	0	0	0	%100
58	M162	Z	-11.615	-11.615	0	%100
59	M163	X	0	0	0	%100
60	M163	Z	-1.092	-1.092	0	%100
61	M164	X	0	0	0	%100
62	M164	Z	-8.903	-8.903	0	%100
63	M165	X	0	0	0	%100
64	M165	Z	-7.397	-7.397	0	%100
65	M168	X	0	0	0	%100
66	M168	Z	-10.622	-10.622	0	%100
67	M169	X	0	0	0	%100
68	M169	Z	-3.591	-3.591	0	%100
69	M170	X	0	0	0	%100
70	<u>M170</u>	Z	-3.591	-3.591	0	%100
71	M171	X	0	0	0	%100
72	M171	Z	-8.547	-8.547	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	-8.547	-8.547	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-10.866	-10.866	0	%100
77	M176	X	0	0	0	%100
78	M176	Z	-1.092	-1.092	0	%100
79	M177	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
80	M177	Z	-8.903	-8.903	0	%100
81	M178	X	0	0	0	%100
82	M178	Z	-7.397	-7.397	0	%100
83	M179	X	0	0	0	%100
84	M179	Z	-11.997	-11.997	0	%100
85	M180	X	0	0	0	%100
86	M180	Z	589	589	0	%100
87	M181	X	0	0	0	%100
88	M181	Z	-11.997	-11.997	0	%100
89	M182	X	0	0	0	%100
90	M182	Z	589	589	0	%100
91	M183	X	0	0	0	%100
92	M183	Z	-7.383	-7.383	0	%100
93	M184	X	0	0	0	%100
94	M184	Z	-1.729	-1.729	0	%100
95	M185	X	0	0 5 4 7	0	%100
96	M185	Z	-8.547	-8.547	0	%100
97	M186	X	0	0	0	%100
98	M186	Z	-8.547	-8.547	0	%100
99	M187	X Z	0	0	0	%100 %100
100	M187		-8.547	-8.547	0	%100 %100
101	M188	X Z	0 -8.547	0 -8.547	0	%100 %100
102	M188 M189	X	-0.547	-6.54 <i>1</i> 0	0	%100 %100
103	M189	Z	-8.547	-8.547	0	%100 %100
105	MP2B	X	-0.547	-0.34 <i>1</i> 0	0	%100 %100
106	MP2B	Z	-10.866	-10.866	0	%100 %100
107	MP3B	X	-10.800	0	0	%100 %100
108	MP3B	Z	-10.866	-10.866	0	%100 %100
109	M201	X	0	0	0	%100 %100
110	M201	Z	397	397	0	%100 %100
111	M202	X	0	0	0	%100 %100
112	M202	Z	397	397	0	%100 %100
113	M203	X	0	0	0	%100 %100
114	M203	Z	-7.612	-7.612	0	%100 %100
115	M204	X	0	0	0	%100
116	M204	Z	304	304	0	%100
117	M205	X	0	0	0	%100
118	M205	Z	-4.257	-4.257	0	%100
119	M208	Х	0	0	0	%100
120	M208	Z	-10.622	-10.622	0	%100
121	M209	X	0	0	0	%100
122	M209	Z	-10.138	-10.138	0	%100
123	M210	X	0	0	0	%100
124	M210	Z	-10.138	-10.138	0	%100
125	M211	X	0	0	0	%100
126	M211	Z	-8.547	-8.547	0	%100
127	M212	X	0	0	0	%100
128	M212	Z	-8.547	-8.547	0	%100
129	MP1C	X	0	0	0	%100
130	MP1C	Z	-10.866	-10.866	0	%100
131	M216	X	0	0	0	%100
132	M216	Z	-7.612	<u>-7.612</u>	0	%100
133	M217	X	0	0	0	%100
134	M217	Z	304	304	0	%100
135	M218	X	0	0	0	%100
136	M218	Z	-4.257	-4.257	0	%100

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

	oci Distribute	-		- · · · · · · · · · · · · · · ·		
407	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft,
137	M219	X Z	0	0	0	%100 %100
138	M219		-31.126	-31.126	0	%100
139	M220	X	0	0	0	%100
140	M220	Z	-1.664	-1.664	0	%100
141	M221	X	0	0	0	%100
142	M221	Z	-31.126	-31.126	0	%100
143	M222	X	0	0	0	%100
144	M222	Z	-1.664	-1.664	0	%100
145	M223	X	0	0	0	%100
146	M223	Z	-7.383	-7.383	0	%100
147	M224	X	0	0	0	%100
148	M224	Z	-2.262	-2.262	0	%100
149	M225	X	0	0	0	%100
150	M225	Z	-8.547	-8.547	0	%100
151	M226	X	0	0	0	%100
152	M226	Z	-8.547	-8.547	0	%100
153	M227	X	0	0	0	%100
154	M227	Z	-8.547	-8.547	0	%100
155	M228	X	0	0	0	%100
156	M228	Z	-8.547	-8.547	0	%100
157	M229	X	0	0	0	%100
158	M229	Z	-8.547	-8.547	0	%100
159	MP2C	X	0	0	0	%100
160	MP2C	Z	-10.866	-10.866	0	%100
161	MP3C	X	0	0	0	%100
162	MP3C	Z	-10.866	-10.866	0	%100
163	M121	X	0	0	0	%100
164	M121	Z	52	52	0	%100
165	M122A	X	0	0	0	%100
166	M122A	Z	-5.834	-5.834	0	%100
167	M123A	X	0	0	0	%100
168	M123A	Z	-9.679	-9.679	0	%100
169	M124A	X	0	0	0	%100
170	M124A	Z	52	52	0	%100
171	M125A	X	0	0	0	%100
172	M125A	Z	-5.834	-5.834	0	%100
173	M126A	X	0	0	0	%100
174	M126A	Z	-9.679	<u>-9.679</u>	0	%100 %100
175	OVP1	X Z	0	0	0	%100 %100
176	OVP1 OVP2		-10.866 0	<u>-10.866</u> 0		%100 %100
177 178	OVP2 OVP2	X Z	-10.866	 -10.866	0	%100 %100
178	M133		-10.866	<u>-10.866</u> 0		%100 %100
180	M133	X Z	-14.81		0	%100 %100
181	M137	X	-14.01	-14.01 0	0	%100 %100
182	M137	Z	-13.078	-13.078	0	%100 %100
183	M141	X	-13.078	-13.078 0	0	%100 %100
		Z		-	0	%100 %100
184 185	M141 M148		447 0	447 0	0	%100 %100
	M148	X Z	867	867	0	
186 187	M148 M149	X	867	86 <i>1</i> ()	0	%100 %100
188		Z	-12.518		0	%100 %100
	M149					
189	M150 M150	X Z	0 -4.446	0 -4.446	0	%100 %100
190	M151	X	-4.446	-4.446 ()	0	
191 192		Z		-10.542		%100 %100
	M151	X	-10.542		0	%100 %100
193	M152		0	0	U	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	-6.978	-6.978	0	%100
195	M153	X	0	0	0	%100
196	M153	Z	517	517	0	%100
197	M151A	X	0	0	0	%100
198	M151A	Z	-8.391	-8.391	0	%100
199	M152A	X	0	0	0	%100
200	M152A	Z	-8.467	-8.467	0	%100
201	M153A	X	0	0	0	%100
202	M153A	Z	002	002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	4.933	4.933	0	%100
2	M109	Z	-8.544	-8.544	0	%100
3	M110	X	4.933	4.933	0	%100
4	M110	Z	-8.544	-8.544	0	%100
5	M116	X	.13	.13	0	%100
6	M116	Z	226	226	0	%100
7	M117	X	3.781	3.781	0	%100
8	M117	Z	-6.549	-6.549	0	%100
9	M118	X	4.378	4.378	0	%100
10	M118	Z	-7.582	-7.582	0	%100
11	M124	X	5.311	5.311	0	%100
12	M124	Z	-9.199	-9.199	0	%100
13	M125	X	.35	.35	0	%100
14	M125	Z	606	606	0	%100
15	M126	X	.35	.35	0	%100
16	M126	Z	606	606	0	%100
17	M127	X	4.273	4.273	0	%100
18	M127	Z	-7.402	-7.402	0	%100
19	M128	X	4.273	4.273	0	%100
20	M128	Z	-7.402	-7.402	0	%100
21	MP1A	Х	5.433	5.433	0	%100
22	MP1A	Z	-9.41	-9.41	0	%100
23	M18	Х	.13	.13	0	%100
24	M18	Z	226	226	0	%100
25	M19	X	3.781	3.781	0	%100
26	M19	Z	-6.549	-6.549	0	%100
27	M20	X	4.378	4.378	0	%100
28	M20	Z	-7.582	-7.582	0	%100
29	M21	Х	2.088	2.088	0	%100
30	M21	Z	-3.616	-3.616	0	%100
31	M22	X	.057	.057	0	%100
32	M22	Z	1	1	0	%100
33	M21A	X	2.088	2.088	0	%100
34	M21A	Z	-3.616	-3.616	0	%100
35	M23	X	.057	.057	0	%100
36	M23	Z	1	1	0	%100
37	M23A	X	3.692	3.692	0	%100
38	M23A	Z	-6.394	-6.394	0	%100
39	M24	X	.747	.747	0	%100
40	M24	Z	-1.294	-1.294	0	%100
41	M25	X	4.273	4.273	0	%100
42	M25	Z	-7.402	-7.402	0	%100
43	M26	X	4.273	4.273	0	%100
44	M26	Z	-7.402	-7.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
45	M27	X	4.273	4.273	0	%100
46	M27	Z	-7.402	-7.402	0	%100
47	M28	X	4.273	4.273	0	%100
48	M28	Z	-7.402	-7.402	0	%100
49	M29	X	4.273	4.273	0	%100
50	M29	Z	-7.402	-7.402	0	%100
51	MP2A	X	5.433	5.433	0	%100
52	MP2A	Z	-9.41	-9.41	0	%100
53	MP3A	X	5.433	5.433	0	%100
54	MP3A	Z	-9.41	-9.41	0	%100
55	M161	X	2.717	2.717	0	%100
56	M161	Z	-4.707	-4.707	0	%100
57	M162	X	2.717	2.717	0	%100
58	M162	Z	-4.707	-4.707	0	%100
59	M163	X	.173	.173	0	%100
60	M163	Z	299	299	0	%100
61	M164	X	2.083	2.083	0	%100
62	M164	Z	-3.608	-3.608	0	%100
63	M165	X	5.003	5.003	0	%100
64	M165	Z	-8.665	-8.665	0	%100
65	M168	Х	5.311	5.311	0	%100
66	M168	Z	-9.199	-9.199	0	%100
67	M169	X	4.354	4.354	0	%100
68	M169	Z	-7.541	-7.541	0	%100
69	M170	Х	4.354	4.354	0	%100
70	M170	Z	-7.541	-7.541	0	%100
71	M171	X	4.273	4.273	0	%100
72	M171	Z	-7.402	-7.402	0	%100
73	M172	X	4.273	4.273	0	%100
74	M172	Z	-7.402	-7.402	0	%100
75	MP1B	X	5.433	5.433	0	%100
76	MP1B	Z	-9.41	-9.41	0	%100
77	M176	X	.173	.173	0	%100
78	M176	Ž	299	299	0	%100
79	M177	X	2.083	2.083	0	%100
80	M177	Z	-3.608	-3.608	0	%100
81	M178	X	5.003	5.003	0	%100
82	M178	Z	-8.665	-8.665	0	%100
83	M179	X	13.347	13.347	0	%100
84	M179	Z	-23.119	-23.119	0	%100
85	M180	X	.715	.715	0	%100
86	M180	Z	-1.238	-1.238	0	%100
87	M181	Х	13.347	13.347	0	%100
88	M181	Ž	-23.119	-23.119	0	%100
89	M182	X	.715	.715	0	%100
90	M182	Z	-1.238	-1.238	0	%100
91	M183	X	3.692	3.692	0	%100
92	M183	Z	-6.394	-6.394	0	%100
93	M184	X	1.073	1.073	0	%100
94	M184	Z	-1.858	-1.858	0	%100
95	M185	X	4.273	4.273	0	%100 %100
96	M185	Z	-7.402	-7.402	0	%100 %100
97	M186	X	4.273	4.273	0	%100 %100
98	M186	Z	-7.402	-7.402	0	%100 %100
99	M187	X	4.273	4.273	0	%100 %100
100	M187	Z	-7.402	-7.402	0	%100 %100
101	M188	X	4.273	4.273	0	%100 %100
IUI	101 100		7.210	7.410	1 0	/0100

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

400	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
102	M188	Z	-7.402	-7.402	0	%100
103	M189	X	4.273	4.273	0	%100
104	M189	Z	-7.402	<u>-7.402</u>	0	%100
105	MP2B	X Z	5.433	5.433	0	%100
106	MP2B	X	-9.41	<u>-9.41</u>	0	%100 %100
107	MP3B	Z	5.433	5.433	0	%100
108 109	MP3B M201		-9.41 2.717	<u>-9.41</u> 2.717	0	%100 %100
110	M201	X Z	-4.707	<u>-4.707</u>	0	%100 %100
111	M202	X	2.717	2.717	0	%100 %100
112	M202	Z	-4.707	<u>-4.707</u>	0	%100 %100
113	M203	X	5.003	5.003	0	%100 %100
114	M203	Z	-8.665	-8.665	0	%100 %100
115	M204	X	2.083	2.083	0	%100 %100
116	M204	Z	-3.608	-3.608	0	%100 %100
117	M205	X	.173	.173	0	%100 %100
118	M205	Z	299	299	0	%100 %100
119	M208	X	5.311	5.311	0	%100 %100
120	M208	Z	-9.199	-9.199	0	%100 %100
121	M209	X	3.067	3.067	0	%100
122	M209	Z	-5.312	-5.312	0	%100
123	M210	Х	3.067	3.067	0	%100
124	M210	Z	-5.312	-5.312	0	%100
125	M211	X	4.273	4.273	0	%100
126	M211	Z	-7.402	-7.402	0	%100
127	M212	X	4.273	4.273	0	%100
128	M212	Z	-7.402	-7.402	0	%100
129	MP1C	X	5.433	5.433	0	%100
130	MP1C	Z	-9.41	-9.41	0	%100
131	M216	X	5.003	5.003	0	%100
132	M216	Z	-8.665	-8.665	0	%100
133	M217	X	2.083	2.083	0	%100
134	M217	Z	-3.608	-3.608	0	%100
135	M218	X	.173	.173	0	%100
136	M218	Z	299	299	0	%100
137	M219	X	9.847	9.847	0	%100
138	M219	Z	-17.055	-17.055	0	%100
139	M220	X	.503	.503	0	%100
140	M220	Z X	872	872	0	%100 %100
141 142	M221 M221	Z	9.847 -17.055	<u>9.847</u> -17.055	0	%100 %100
143	M222	X	.503	.503	0	%100 %100
144	M222	Z	872	<u></u>	0	%100 %100
145	M223		3.692	3.692	0	%100 %100
146	M223	X Z	-6.394	-6.394	0	%100 %100
147	M224	X	.968	.968	0	%100 %100
148	M224	Z	-1.677	-1.677	0	%100 %100
149	M225	X	4.273	4.273	0	%100
150	M225	Ž	-7.402	-7.402	0	%100
151	M226	Х	4.273	4.273	0	%100
152	M226	Z	-7.402	-7.402	0	%100
153	M227	X	4.273	4.273	0	%100
154	M227	Z	-7.402	-7.402	0	%100
155	M228	X	4.273	4.273	0	%100
156	M228	Z	-7.402	-7.402	0	%100
157	M229	X	4.273	4.273	0	%100
158	M229	Z	-7.402	-7.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
159	MP2C	X	5.433	5.433	0	%100 <sup>-</sup>
160	MP2C	Z	-9.41	-9.41	0	%100
161	MP3C	Х	5.433	5.433	0	%100
162	MP3C	Z	-9.41	-9.41	0	%100
163	M121	X	2.493	2.493	0	%100
164	M121	Z	-4.318	-4.318	0	%100
165	M122A	X	.471	.471	0	%100
166	M122A	Z	815	815	0	%100
167	M123A	X	5.246	5.246	0	%100
168	M123A	Z	-9.086	-9.086	0	%100
169	M124A	X	2.493	2.493	0	%100
170	M124A	Z	-4.318	-4.318	0	%100
171	M125A	X	.471	.471	0	%100
172	M125A	Z	815	815	0	%100
173	M126A	Х	5.246	5.246	0	%100
174	M126A	Z	-9.086	-9.086	0	%100
175	OVP1	X	5.433	5.433	0	%100
176	OVP1	Z	-9.41	-9.41	0	%100
177	OVP2	X	5.433	5.433	0	%100
178	OVP2	Z	-9.41	-9.41	0	%100
179	M133	X	5.554	5.554	0	%100
180	M133	Z	-9.619	-9.619	0	%100
181	M137	X	3.06	3.06	0	%100
182	M137	Z	-5.299	-5.299	0	%100
183	M141	X	3.06	3.06	0	%100
184	M141	Z	-5.299	-5.299	0	%100
185	M148	X	.433	.433	0	%100
186	M148	Z	75	75	0	%100
187	M149	X	3.787	3.787	0	%100
188	M149	Z	-6.56	-6.56	0	%100
189	M150	X	5.39	5.39	0	%100
190	M150	Z	-9.336	-9.336	0	%100
191	M151	Х	4.794	4.794	0	%100
192	M151	Z	-8.304	-8.304	0	%100
193	M152	Х	.847	.847	0	%100
194	M152	Z	-1.467	-1.467	0	%100
195	M153	X	2.489	2.489	0	%100
196	M153	Z	-4.312	-4.312	0	%100
197	M151A	X	2.496	2.496	0	%100
198	M151A	Z	-4.323	-4.323	0	%100
199	M152A	X	2.604	2.604	0	%100
200	M152A	Z	-4.51	-4.51	0	%100
201	M153A	X	1.026	1.026	0	%100
202	M153A	Ž	-1.777	-1.777	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	2.848	2.848	0	%100
2	M109	Z	-1.644	-1.644	0	%100
3	M110	X	2.848	2.848	0	%100
4	M110	Z	-1.644	-1.644	0	%100
5	M116	X	1.084	1.084	0	%100
6	M116	Z	626	626	0	%100
7	M117	X	2.183	2.183	0	%100
8	M117	Z	-1.26	-1.26	0	%100
9	M118	X	8.44	8.44	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
10	M118	Z	-4.873	-4.873	0	%100
11	M124	X	9.199	9.199	0	%100
12	M124	Z	-5.311	-5.311	0	%100
13	M125	X	4.526	4.526	0	%100
14	M125	Z	-2.613	-2.613	0	%100
15	M126	X	4.526	4.526	0	%100
16	M126	Z	-2.613	-2.613	0	%100
17	M127	X	7.402	7.402	0	%100
18	M127	Z	-4.273	-4.273	0	%100
19	M128	X	7.402	7.402	0	%100
20	M128	Z	-4.273	-4.273	0	%100
21	MP1A	X	9.41	9.41	0	%100
22	MP1A	Z	-5.433	-5.433	0	%100
23	M18	X	1.084	1.084	0	%100
24	M18	Z	626	626	0	%100
25	M19	X	2.183	2.183	0	%100
26	M19	Z	-1.26	-1.26	0	%100
27	M20	X	8.44	8.44	0	%100
28	M20	Z	-4.873	-4.873	0	%100
29	M21	X	14.81	14.81	0	%100
30	M21	Z	-8.551	-8.551	0	%100
31	M22	X	.743	.743	0	%100
32	M22	Z	429	429	0	%100
33	M21A	X	14.81	14.81	0	%100
34	M21A	Z	-8.551	-8.551	0	%100
35	M23	X	.743	.743	0	%100
36	M23	Z	429	429	0	%100
37	M23A	X	6.394	6.394	0	%100
38	M23A	Z	-3.692	-3.692	0	%100
39	M24	X	1.613	1.613	0	%100
40	M24	Z	931	931	0	%100
41	M25	X	7.402	7.402	0	%100
42	M25	Z	-4.273	-4.273	0	%100
43	M26	X	7.402	7.402	0	%100
44	<u>M26</u>	Z	-4.273	-4.273	0	%100
45	<u>M27</u>	X	7.402	7.402	0	%100
46	<u>M27</u>	Z	-4.273	-4.273	0	%100
47	<u>M28</u>	X	7.402	7.402	0	%100
48	M28	Z	-4.273	-4.273	0	%100
49	M29	X	7.402	7.402	0	%100
50	M29	Z	-4.273	-4.273	0	%100
51	MP2A	X	9.41	9.41	0	%100
52	MP2A	Z	-5.433	-5.433	0	%100
53	MP3A	X	9.41	9.41	0	%100
54	MP3A	Z	-5.433	-5.433	0	%100
55	M161	X	.343	.343	0	%100
56	M161	Z	198	198	0	%100 %100
57	M162	X Z	.343	.343	0	%100 %100
58	M162		198	198	0	%100 %100
59	M163	X Z	3.687	3.687	0	%100 %100
60	M163		-2.128	-2.128	0	%100 %100
61	M164	X	.263	.263	0	%100
62	M164	Z	152	152 6.502	0	%100 %100
63	M165	X	6.592	6.592	0	%100 %100
64	M165	Z	-3.806	<u>-3.806</u>	0	%100 %100
65	M168	X	9.199	9.199	0	%100 %100
66	M168	Z	-5.311	-5.311	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
67	M169	X	8.957	8.957	0	%100 <sup>-</sup>
68	M169	Z	-5.172	-5.172	0	%100
69	M170	X	8.957	8.957	0	%100
70	M170	Z	-5.172	-5.172	0	%100
71	M171	X	7.402	7.402	0	%100
72	M171	Z	-4.273	-4.273	0	%100
73	M172	X	7.402	7.402	0	%100
74	M172	Z	-4.273	-4.273	0	%100
75	MP1B	X	9.41	9.41	0	%100
76	MP1B	Z	-5.433	-5.433	0	%100
77	M176	X	3.687	3.687	0	%100
78	M176	Z	-2.128	-2.128	0	%100
79	M177	X	.263	.263	0	%100
80	M177	Z	152	152	0	%100
81	M178	X	6.592	6.592	0	%100
82	M178	Z	-3.806	-3.806	0	%100
83	M179	X	27.539	27.539	0	%100
84	M179	Z	-15.9	-15.9	0	%100
85	M180	X	1.47	1.47	0	%100
86	M180	Z	849	849	0	%100
87	M181	Х	27.539	27.539	0	%100
88	M181	Z	-15.9	-15.9	0	%100
89	M182	X	1.47	1.47	0	%100
90	M182	Z	849	849	0	%100
91	M183	Х	6.394	6.394	0	%100
92	M183	Z	-3.692	-3.692	0	%100
93	M184	X	1.973	1.973	0	%100
94	M184	Z	-1.139	-1.139	0	%100
95	M185	X	7.402	7.402	0	%100
96	M185	Z	-4.273	-4.273	0	%100
97	M186	X	7.402	7.402	0	%100
98	M186	Z	-4.273	-4.273	0	%100
99	M187	X	7.402	7.402	0	%100
100	M187	Z	-4.273	-4.273	0	%100
101	M188	X	7.402	7.402	0	%100
102	M188	Z	-4.273	-4.273	0	%100
103	M189	X	7.402	7.402	0	%100
104	M189	Z	-4.273	-4.273	0	%100
105	MP2B	X	9.41	9.41	0	%100
106	MP2B	Z	-5.433	-5.433	0	%100
107	MP3B	X	9.41	9.41	0	%100
108	MP3B	Z	-5.433	-5.433	0	%100
109	M201	X	10.059	10.059	0	%100
110	M201	Z	-5.807	-5.807	0	%100
111	M202	X	10.059	10.059	0	%100
112	M202	Z	-5.807	-5.807	0	%100
113	M203	X	6.406	6.406	0	%100
114	M203	Z	-3.698	-3.698	0	%100
115	M204	X	7.71	7.71	0	%100
116	M204	Z	-4.451	-4.451	0	%100
117	M205	X	.946	.946	0	%100
118	M205	Z	546	546	0	%100
119	M208	X	9.199	9.199	0	%100 %100
120	M208	Z	-5.311	-5.311	0	%100 %100
121	M209	X	1.059	1.059	0	%100 %100
122	M209	Z	611	611	0	%100 %100
123	M210	X	1.059	1.059	0	%100
	111210		1.000	11000		, ,,,,,,,

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
124	M210	Z	611	611	0	%100
125	M211	X	7.402	7.402	0	%100
126	M211	Z	-4.273	-4.273	0	%100
127	M212	X	7.402	7.402	0	%100
128	M212	Z	-4.273	-4.273	0	%100
129	MP1C	Χ	9.41	9.41	0	%100
130	MP1C	Z	-5.433	-5.433	0	%100
131	M216	X	6.406	6.406	0	%100
132	M216	Z	-3.698	-3.698	0	%100
133	M217	X	7.71	7.71	0	%100
134	M217	Z	-4.451	-4.451	0	%100
135	M218	X	.946	.946	0	%100
136	M218	Z	546	546	0	%100
137	M219	X	4.909	4.909	0	%100
138	M219	Z	-2.834	-2.834	0	%100
139	M220	X	.174	.174	0	%100
140	M220	Z	1	<u>1</u>	0	%100
141	M221	X Z	4.909	4.909	0	%100
142	M221		-2.834	-2.834	0	%100
143	M222 M222	X Z	.174	.174	0	%100 %100
144				1	0	%100 %100
145	M223	X Z	6.394	6.394	0	%100 %100
146 147	M223 M224	X	-3.692 1.331	<u>-3.692</u> 1.331	0	%100 %100
147	M224	Z	768	768	0	%100 %100
149	M225	X	7.402	7.402	0	%100 %100
150	M225	Z	-4.273	-4.273	0	%100 %100
151	M226	X	7.402	7.402	0	%100 %100
152	M226	Z	-4.273	-4.273	0	%100 %100
153	M227	X	7.402	7.402	0	%100 %100
154	M227	Z	-4.273	-4.273	0	%100 %100
155	M228	X	7.402	7.402	0	%100 %100
156	M228	Z	-4.273	-4.273	0	%100 %100
157	M229	X	7.402	7.402	0	%100 %100
158	M229	Z	-4.273	-4.273	0	%100 %100
159	MP2C	X	9.41	9.41	0	%100 %100
160	MP2C	Z	-5.433	-5.433	0	%100
161	MP3C	X	9.41	9.41	0	%100
162	MP3C	Z	-5.433	-5.433	0	%100
163	M121	X	8.572	8.572	0	%100
164	M121	Z	-4.949	-4.949	0	%100
165	M122A	X	.468	.468	0	%100
166	M122A	Z	27	27	0	%100
167	M123A	Х	5.408	5.408	0	%100
168	M123A	Z	-3.122	-3.122	0	%100
169	M124A	X	8.572	8.572	0	%100
170	M124A	Z	-4.949	-4.949	0	%100
171	M125A	X	.468	.468	0	%100
172	M125A	Z	27	27	0	%100
173	M126A	Χ	5.408	5.408	0	%100
174	M126A	Z	-3.122	-3.122	0	%100
175	OVP1	X	9.41	9.41	0	%100
176	OVP1	Z	-5.433	-5.433	0	%100
177	OVP2	X	9.41	9.41	0	%100
178	OVP2	Z	-5.433	-5.433	0	%100
179	M133	X	3.206	3.206	0	%100
180	M133	Z	-1.851	-1.851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
181	M137	X	.387	.387	0	%100
182	M137	Z	223	223	0	%100
183	M141	X	11.325	11.325	0	%100
184	M141	Z	-6.539	-6.539	0	%100
185	M148	X	5.602	5.602	0	%100
186	M148	Z	-3.234	-3.234	0	%100
187	M149	Х	1.308	1.308	0	%100
188	M149	Z	755	755	0	%100
189	M150	X	11.088	11.088	0	%100
190	M150	Z	-6.402	-6.402	0	%100
191	M151	X	3.879	3.879	0	%100
192	M151	Z	-2.24	-2.24	0	%100
193	M152	X	.13	.13	0	%100
194	M152	Z	075	075	0	%100
195	M153	X	8.569	8.569	0	%100
196	M153	Z	-4.947	-4.947	0	%100
197	M151A	X	.82	.82	0	%100
198	M151A	Z	473	473	0	%100
199	M152A	X	.942	.942	0	%100
200	M152A	Z	544	544	0	%100
201	M153A	X	5.539	5.539	0	%100
202	M153A	Z	-3.198	-3.198	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	0	0	0	%100
3	M110	Х	0	0	0	%100
4	M110	Z	0	0	0	%100
5	M116	Х	5.994	5.994	0	%100
6	M116	Z	0	0	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	0	0	0	%100
9	M118	X	5.994	5.994	0	%100
10	M118	Z	0	0	0	%100
11	M124	X	10.622	10.622	0	%100
12	M124	Z	0	0	0	%100
13	M125	X	9.753	9.753	0	%100
14	M125	Z	0	0	0	%100
15	M126	X	9.753	9.753	0	%100
16	M126	Z	0	0	0	%100
17	M127	X	8.547	8.547	0	%100
18	M127	Z	0	0	0	%100
19	M128	X	8.547	8.547	0	%100
20	M128	Z	0	0	0	%100
21	MP1A	X	10.866	10.866	0	%100
22	MP1A	Z	0	0	0	%100
23	M18	X	5.994	5.994	0	%100
24	M18	Z	0	0	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	0	0	0	%100
27	M20	X	5.994	5.994	0	%100
28	M20	Z	0	0	0	%100
29	M21	X	30.027	30.027	0	%100
30	M21	Z	0	0	0	%100
31	M22	X	1.601	1.601	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
32	M22	Z	0	0	0	%100
33	M21A	X	30.027	30.027	0	%100
34	M21A	Z	0	0	0	%100
35	M23	X	1.601	1.601	0	%100
36	M23	Z	0	0	0	%100
37	M23A	X	7.383	7.383	0	%100
38	M23A	Z	0	0	0	%100
39	M24	X	2.231	2.231	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	8.547	8.547	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	8.547	8.547	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	8.547	8.547	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	8.547	8.547	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	8.547	8.547	0	%100
50	M29	Z X	0	<u> </u>	0	%100 %100
51 52	MP2A	Z	10.866		0	%100 %100
53	MP2A MP3A		10.866	<u> </u>		%100 %100
54	MP3A	X Z	0	0	0	%100 %100
55	M161	X	1.539	1.539	0	%100 %100
56	M161	Z	0	0	0	%100 %100
57	M162	X	1.539	1.539	0	%100 %100
58	M162	Z	0	0	0	%100 %100
59	M163	X	8.915	8.915	0	%100 %100
60	M163	Z	0.913	0	0	%100 %100
61	M164	X	1.179	1.179	0	%100 %100
62	M164	Z	0	0	0	%100 %100
63	M165	X	2.61	2.61	0	%100
64	M165	Z	0	0	0	%100
65	M168	X	10.622	10.622	0	%100
66	M168	Z	0	0	0	%100
67	M169	X	6.862	6.862	0	%100
68	M169	Z	0	0	0	%100
69	M170	X	6.862	6.862	0	%100
70	M170	Z	0	0	0	%100
71	M171	X	8.547	8.547	0	%100
72	M171	Z	0	0	0	%100
73	M172	X	8.547	8.547	0	%100
74	M172	Z	0	0	0	%100
75	MP1B	X	10.866	10.866	0	%100
76	MP1B	Z	0	0	0	%100
77	M176	X	8.915	8.915	0	%100
78	M176	Z	0	0	0	%100
79	M177	X	1.179	1.179	0	%100
80	M177	Z	0	0	0	%100
81	M178	X	2.61	2.61	0	%100
82	M178	Z	0	0	0	%100
83	M179	X	22.206	22.206	0	%100 %100
84	M179	Z	1 126	0	0	%100 %100
85	M180	X	1.126	1.126	0	%100 %100
86	M180	Z	0	0	0	%100 %100
87	M181	X	22.206	22.206	0	%100 %100
88	M181	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
89	M182	X	1.126	1.126	0	%100
90	M182	Z	0	0	0	%100
91	M183	X	7.383	7.383	0	%100
92	M183	Z	0	0	0	%100
93	M184	X	1.995	1.995	0	%100
94	M184	Z	0	0	0	%100
95	M185	X	8.547	8.547	0	%100
96	M185	Z	0	0	0	%100
97	M186	X	8.547	8.547	0	%100
98	M186	Z	0	0	0	%100
99	M187	X	8.547	8.547	0	%100
100	M187	Z	0	0	0	%100
101	M188	X	8.547	8.547	0	%100
102	M188	Z	0	0	0	%100
103	M189	X	8.547	8.547	0	%100
104	M189	Z	0	0	0	%100
105	MP2B	X	10.866	10.866	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	10.866	10.866	0	%100
108	MP3B	Z	0	0	0	%100
109	M201	X	12.757	12.757	0	%100
110	M201	Z	0	0	0	%100
111	M202	X	12.757	12.757	0	%100
112	M202	Z	0	0	0	%100
113	M203	X	2.395	2.395	0	%100
114	M203	Z	0	0	0	%100
115	M204	X	9.778	9.778	0	%100
116	M204	Z	0	0	0	%100
117	M205	X	5.75	5.75	0	%100
118	M205	Z	0	0	0	%100
119	M208	X	10.622	10.622	0	%100
120	M208	Z	0	0	0	%100 %100
121	M209	X	.315	.315	0	%100
122	M209	Z	0	0	0	%100 %100
123	M210	X	.315	.315	0	%100
124	M210	Z	0	0	0	%100
125	M211	X	8.547	8.547	0	%100
126	M211	Z	0	0	0	%100 %100
127	M212	X	8.547	8.547	0	%100
128	M212	Z	0	0	0	%100 %100
129	MP1C	X	10.866	10.866	0	%100 %100
130	MP1C	Z	0	0	0	%100 %100
131	M216	X	2.395	2.395	0	%100 %100
132	M216	Z	0	0	0	%100 %100
133	M217	X	9.778	9.778	0	%100 %100
134	M217	Z	0	0	0	%100 %100
135	M218	X	5.75	5.75	0	%100 %100
136	M218	Z	0	0	0	%100 %100
137	M219	X	3.076	3.076	0	%100 %100
138	M219	Z	0	0	0	%100 %100
139	M220	X	.052	.052	0	%100 %100
140	M220	Z	.052	.052	0	%100 %100
141	M221	X	3.076	3.076	0	%100 %100
142	M221	Z	0	3.076 0	0	%100 %100
143	M222	X	.052	.052	0	%100 %100
	M222 M222	Z	.052	.052	0	%100 %100
144			•			
145	M223	X	7.383	7.383	0	%100

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

			OLUM : UNITED C	E 184 " 1 EU (C E 1 C	0, 1, " "	F 11 (1 F0
146	Member Label M223	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft,
147	M224	Z X	0 1.463	0 1.463	0	%100 %100
148	M224	Z	1.403			%100 %100
				0 8.547	0	%100 %100
149	M225 M225	X Z	8.547 0	0.547	0	
150 151	M226	X	8.547	8.547	0	%100 %100
152	M226	Z	0.347	0.547	0	%100 %100
153			8.547	8.547		%100 %100
154	M227 M227	X Z	0.347	0.547	0	%100 %100
155	M228	X	8.547	8.547	0	%100 %100
156	M228	Z	0.547	0.547	0	%100 %100
157	M229	X	8.547	8.547	0	%100 %100
158	M229	Z	0.547	0	0	%100 %100
159	MP2C	X	10.866	10.866	0	%100 %100
160	MP2C	Z	0	0	0	%100 %100
161	MP3C	X	10.866	10.866	0	%100 %100
162	MP3C	Z	0	0	0	%100 %100
163	M121	X	10.346	10.346	0	%100 %100
164	M121	Z	0	0	0	%100 %100
165	M122A	X	5.032	5.032	0	%100 %100
166	M122A	Z	0	0	0	%100 %100
167	M123A	X	1.187	1.187	0	%100 %100
168	M123A	Z	0	0	0	%100 %100
169	M124A	X	10.346	10.346	0	%100 %100
170	M124A	Z	0	0	0	%100 %100
171	M125A	X	5.032	5.032	0	%100
172	M125A	Z	0.002	0	0	%100 %100
173	M126A	X	1.187	1.187	0	%100
174	M126A	Z	0	0	0	%100
175	OVP1	X	10.866	10.866	0	%100
176	OVP1	Z	0	0	0	%100
177	OVP2	X	10.866	10.866	0	%100
178	OVP2	Z	0	0	0	%100
179	M133	X	0	0	0	%100
180	M133	Z	0	0	0	%100
181	M137	X	1.732	1.732	0	%100
182	M137	Z	0	0	0	%100
183	M141	X	14.363	14.363	0	%100
184	M141	Z	0	0	0	%100
185	M148	Х	12.07	12.07	0	%100
186	M148	Z	0	0	0	%100
187	M149	X	.389	.389	0	%100
188	M149	Z	0	0	0	%100
189	M150	X	8.494	8.494	0	%100
190	M150	Z	0	0	0	%100
191	M151	X	.324	.324	0	%100
192	M151	Z	0	0	0	%100
193	M152	X	3.888	3.888	0	%100
194	M152	Z	0	0	0	%100
195	M153	X	10.349	10.349	0	%100
196	M153	Z	0	0	0	%100
197	M151A	Χ	.302	.302	0	%100
198	M151A	Z	0	0	0	%100
199	M152A	X	.226	.226	0	%100
200	M152A	Z	0	0	0	%100
201	M153A	X	8.691	8.691	0	%100
202	M153A	Z	0	0	0	%100

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

Wicili		u Louds (	BEO 40 : Otractare V	TO (TEO Deg))		
	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	2.848	2.848	0	%100
2	M109	Z	1.644	1.644	0	%100
3	M110	X	2.848	2.848	0	%100
4	M110	Z	1.644	1.644	0	%100
5	M116	X	8.44	8.44	0	%100
6	M116	Z	4.873	4.873	0	%100 %100
7	M117	X	2.183	2.183	0	%100 %100
		Z				
8	M117		1.26	1.26	0	%100
9	M118	X	1.084	1.084	0	%100
10	M118	Z	.626	.626	0	%100
11	M124	Χ	9.199	9.199	0	%100
12	M124	Z	5.311	5.311	0	%100
13	M125	X	8.446	8.446	0	%100
14	M125	Z	4.876	4.876	0	%100
15	M126	X	8.446	8.446	0	%100
16	M126	Z	4.876	4.876	0	%100
17	M127	X	7.402	7.402	0	%100
18	M127	Z	4.273	4.273	0	%100 %100
19	M128	X	7.402	7.402	0	%100 %100
20	M128	Z	4.273	4.273	0	%100 %100
		X				%100 %100
21	MP1A	Z	9.41	9.41	0	
22	MP1A		5.433	5.433	0	%100
23	M18	X	8.44	8.44	0	%100
24	M18	Z	4.873	4.873	0	%100
25	M19	Χ	2.183	2.183	0	%100
26	M19	Z	1.26	1.26	0	%100
27	M20	X	1.084	1.084	0	%100
28	M20	Z	.626	.626	0	%100
29	M21	X	26.004	26.004	0	%100
30	M21	Z	15.013	15.013	0	%100
31	M22	Х	1.386	1.386	0	%100
32	M22	Z	.8	.8	0	%100
33	M21A	X	26.004	26.004	0	%100
34	M21A	Z	15.013	15.013	0	%100 %100
35	M23	X	1.386	1.386	0	%100 %100
36	M23	Z	.8	.8	0	%100 %100
		X				
37	M23A		6.394	6.394	0	%100
38	M23A	Z	3.692	3.692	0	%100
39	M24	X	1.932	1.932	0	%100
40	M24	Z	1.115	1.115	0	%100
41	M25	X	7.402	7.402	0	%100
42	M25	Z	4.273	4.273	0	%100
43	M26	X	7.402	7.402	0	%100
44	M26	Z	4.273	4.273	0	%100
45	M27	X	7.402	7.402	0	%100
46	M27	Z	4.273	4.273	0	%100
47	M28	X	7.402	7.402	0	%100
48	M28	Z	4.273	4.273	0	%100 %100
49	M29		7.402	7.402	0	%100 %100
50	M29	X Z	4.273	4.273	0	%100 %100
51	MP2A	X	9.41	9.41	0	%100 %100
52		Z			0	
	MP2A		5.433	5.433		%100
53	MP3A	X	9.41	9.41	0	%100
54	MP3A	Z	5.433	5.433	0	%100
55	M161	X	6.685	6.685	0	%100
56	M161	Z	3.859	3.859	0	%100
57	M162	X	6.685	6.685	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
58	M162	Z	3.859	3.859	0	%100
59	M163	X	8.367	8.367	0	%100
60	M163	Z	4.831	4.831	0	%100
61	M164	X	5.124	5.124	0	%100
62	M164	Z	2.958	2.958	0	%100
63	M165	X	.001	.001	0	%100
64	M165	Z	.00077	.00077	0	%100
65	M168	X	9.199	9.199	0	%100
66	M168	Z	5.311	5.311	0	%100
67	M169	Χ	1.511	1.511	0	%100
68	M169	Z	.872	.872	0	%100
69	M170	X	1.511	1.511	0	%100
70	M170	Z	.872	.872	0	%100
71	M171	X	7.402	7.402	0	%100
72	M171	Z	4.273	4.273	0	%100
73	M172	X	7.402	7.402	0	%100
74	M172	Z	4.273	4.273	0	%100
75	MP1B	X	9.41	9.41	0	%100
76	MP1B	Z	5.433	5.433	0	%100
77	M176	X	8.367	8.367	0	%100
78	M176	Z	4.831	4.831	0	%100
79	M177	X	5.124	5.124	0	%100
80	M177	Z	2.958	2.958	0	%100
81	M178	X	.001	.001	0	%100
82	M178	Z	.00077	.00077	0	%100
83	M179	X	6.502	6.502	0	%100
84	M179	Z	3.754	3.754	0	%100
85	M180	X	.248	.248	0	%100
86	M180	Z	.143	.143	0	%100
87	M181	X	6.502	6.502	0	%100
88	M181	Z	3.754	3.754	0	%100
89	M182	X	.248	.248	0	%100
90	M182	Z	.143	.143 6.394	0	%100 %100
91	M183 M183	X Z	6.394 3.692	3.692	0	%100 %100
93	M184	X	1.368		0	%100 %100
	M184	Z	.79	.79		%100 %100
94 95	M185	X	7.402	7.402	0	%100 %100
96	M185	Z	4.273	4.273	0	%100 %100
97	M186	X	7.402	7.402	0	%100 %100
98	M186	Z	4.273	4.273	0	%100 %100
99	M187	X	7.402	7.402	0	%100 %100
100	M187	Z	4.273	4.273	0	%100 %100
101	M188	X	7.402	7.402	0	%100 %100
102	M188	Z	4.273	4.273	0	%100 %100
103	M189	X	7.402	7.402	0	%100 %100
104	M189	Z	4.273	4.273	0	%100 %100
105	MP2B	X	9.41	9.41	0	%100 %100
106	MP2B	Z	5.433	5.433	0	%100 %100
107	MP3B	X	9.41	9.41	0	%100 %100
108	MP3B	Z	5.433	5.433	0	%100 %100
109	M201	X	6.685	6.685	0	%100 %100
110	M201	Z	3.859	3.859	0	%100 %100
111	M202	X	6.685	6.685	0	%100 %100
112	M202	Z	3.859	3.859	0	%100 %100
113	M203	X	.001	.001	0	%100 %100
114	M203	Z	.00077	.00077	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
115	M204	X	5.124	5.124	0	%100
116	M204	Z	2.958	2.958	0	%100
117	M205	X	8.367	8.367	0	%100
118	M205	Z	4.831	4.831	0	%100
119	M208	X	9.199	9.199	0	%100
120	M208	Z	5.311	5.311	0	%100
121	M209	X	3.74	3.74	0	%100
122	M209	Z	2.159	2.159	0	%100
123	M210	X	3.74	3.74	0	%100
124	M210	Z	2.159	2.159	0	%100
125	M211	Х	7.402	7.402	0	%100
126	M211	Z	4.273	4.273	0	%100
127	M212	X	7.402	7.402	0	%100
128	M212	Z	4.273	4.273	0	%100
129	MP1C	X	9.41	9.41	0	%100
130	MP1C	Z	5.433	5.433	0	%100
131	M216	X	.001	.001	0	%100
132	M216	Z	.00077	.00077	0	%100
133	M217	X	5.124	5.124	0	%100
134	M217	Z	2.958	2.958	0	%100
135	M218	X	8.367	8.367	0	%100
136	M218	Z	4.831	4.831	0	%100
137	M219	X	12.566	12.566	0	%100
138	M219	Z	7.255	7.255	0	%100
139	M220	X	.614	.614	0	%100
140	M220	Z	.354	.354	0	%100
141	M221	X	12.566	12.566	0	%100
142	M221	Z	7.255	7.255	0	%100 %100
143	M222	X	.614	.614	0	%100
144	M222	Z	.354	.354	0	%100
145	M223	X	6.394	6.394	0	%100
146	M223	Z	3.692	3.692	0	%100 %100
147	M224	X	1.549	1.549	0	%100
148	M224	Z	.894	.894	0	%100 %100
149	M225	X	7.402	7.402	0	%100 %100
150	M225	Z	4.273	4.273	0	%100 %100
151	M226	X	7.402	7.402	0	%100
152	M226	Z	4.273	4.273	0	%100 %100
153	M227	X	7.402	7.402	0	%100
154	M227	Z	4.273	4.273	0	%100 %100
155	M228	X	7.402	7.402	0	%100 %100
156	M228	Z	4.273	4.273	0	%100 %100
157	M229	X	7.402	7.402	0	%100 %100
158	M229	Z	4.273	4.273	0	%100 %100
159	MP2C	X	9.41	9.41	0	%100 %100
160	MP2C	Z	5.433	5.433	0	%100 %100
161	MP3C	X	9.41	9.41	0	%100 %100
162	MP3C	Z	5.433	5.433	0	%100 %100
163	M121	X	5.093	5.093	0	%100 %100
164	M121	Z	2.94	2.94	0	%100 %100
165	M122A	X	8.595	8.595	0	%100 %100
166	M122A	Z	4.962	4.962	0	%100 %100
167	M123A	X	.325	.325	0	%100 %100
168	M123A	Z	.325	325 .187	0	%100 %100
169	M124A	X	5.093	5.093	0	%100 %100
170		Z	2.94	2.94	0	%100 %100
	M124A					
171	M125A	X	8.595	8.595	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
172	M125A	Z	4.962	4.962	0	%100
173	M126A	X	.325	.325	0	%100
174	M126A	Z	.187	.187	0	%100
175	OVP1	Х	9.41	9.41	0	%100
176	OVP1	Z	5.433	5.433	0	%100
177	OVP2	Х	9.41	9.41	0	%100
178	OVP2	Z	5.433	5.433	0	%100
179	M133	Х	3.206	3.206	0	%100
180	M133	Z	1.851	1.851	0	%100
181	M137	Х	7.526	7.526	0	%100
182	M137	Z	4.345	4.345	0	%100
183	M141	Х	7.526	7.526	0	%100
184	M141	Z	4.345	4.345	0	%100
185	M148	Х	10.453	10.453	0	%100
186	M148	Z	6.035	6.035	0	%100
187	M149	X	4.619	4.619	0	%100
188	M149	Z	2.667	2.667	0	%100
189	M150	Х	1.871	1.871	0	%100
190	M150	Z	1.08	1.08	0	%100
191	M151	Х	1.107	1.107	0	%100
192	M151	Z	.639	.639	0	%100
193	M152	Х	7.943	7.943	0	%100
194	M152	Z	4.586	4.586	0	%100
195	M153	X	5.099	5.099	0	%100
196	M153	Z	2.944	2.944	0	%100
197	M151A	Х	3.206	3.206	0	%100
198	M151A	Z	1.851	1.851	0	%100
199	M152A	Х	3.018	3.018	0	%100
200	M152A	Z	1.742	1.742	0	%100
201	M153A	X	5.752	5.752	0	%100
202	M153A	Z	3.321	3.321	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	4.933	4.933	0	%100
2	M109	Z	8.544	8.544	0	%100
3	M110	X	4.933	4.933	0	%100
4	M110	Z	8.544	8.544	0	%100
5	M116	X	4.378	4.378	0	%100
6	M116	Z	7.582	7.582	0	%100
7	M117	X	3.781	3.781	0	%100
8	M117	Z	6.549	6.549	0	%100
9	M118	X	.13	.13	0	%100
10	M118	Z	.226	.226	0	%100
11	M124	X	5.311	5.311	0	%100
12	M124	Z	9.199	9.199	0	%100
13	M125	X	2.613	2.613	0	%100
14	M125	Z	4.526	4.526	0	%100
15	M126	X	2.613	2.613	0	%100
16	M126	Z	4.526	4.526	0	%100
17	M127	X	4.273	4.273	0	%100
18	M127	Z	7.402	7.402	0	%100
19	M128	X	4.273	4.273	0	%100
20	M128	Z	7.402	7.402	0	%100
21	MP1A	X	5.433	5.433	0	%100
22	MP1A	Z	9.41	9.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
23	M18	X	4.378	4.378	0	%100 <sup>-</sup>
24	M18	Z	7.582	7.582	0	%100
25	M19	X	3.781	3.781	0	%100
26	M19	Z	6.549	6.549	0	%100
27	M20	X	.13	.13	0	%100
28	M20	Z	.226	.226	0	%100
29	M21	Х	8.551	8.551	0	%100
30	M21	Z	14.81	14.81	0	%100
31	M22	X	.429	.429	0	%100
32	M22	Z	.743	.743	0	%100
33	M21A	Х	8.551	8.551	0	%100
34	M21A	Z	14.81	14.81	0	%100
35	M23	Х	.429	.429	0	%100
36	M23	Z	.743	.743	0	%100
37	M23A	Х	3.692	3.692	0	%100
38	M23A	Z	6.394	6.394	0	%100
39	M24	Х	.931	.931	0	%100
40	M24	Z	1.613	1.613	0	%100
41	M25	Х	4.273	4.273	0	%100
42	M25	Z	7.402	7.402	0	%100
43	M26	Х	4.273	4.273	0	%100
44	M26	Z	7.402	7.402	0	%100
45	M27	X	4.273	4.273	0	%100
46	M27	Z	7.402	7.402	0	%100
47	M28	X	4.273	4.273	0	%100
48	M28	Z	7.402	7.402	0	%100
49	M29	X	4.273	4.273	0	%100
50	M29	Z	7.402	7.402	0	%100
51	MP2A	X	5.433	5.433	0	%100
52	MP2A	Z	9.41	9.41	0	%100
53	MP3A	X	5.433	5.433	0	%100
54	MP3A	Z	9.41	9.41	0	%100 %100
55	M161	X	6.379	6.379	0	%100
56	M161	Z	11.048	11.048	0	%100 %100
57	M162	X	6.379	6.379	0	%100 %100
58	M162	Z	11.048	11.048	0	%100
59	M163	X	2.875	2.875	0	%100
60	M163	Z	4.979	4.979	0	%100 %100
61	M164	X	4.889	4.889	0	%100
62	M164	Z	8.468	8.468	0	%100 %100
63	M165	X	1.197	1.197	0	%100 %100
64	M165	Z	2.074	2.074	0	%100 %100
65	M168	X	5.311	5.311	0	%100 %100
66	M168	Z	9.199	9.199	0	%100 %100
67	M169	X	.055	.055	0	%100 %100
68	M169	Z	.095	.095	0	%100 %100
69	M170	X	.055	.055	0	%100 %100
70	M170	Z	.095	.095	0	%100 %100
71	M171	X	4.273	4.273	0	%100 %100
72	M171	Z	7.402	7.402	0	%100 %100
73	M172	X	4.273	4.273	0	%100 %100
74	M172	Z	7.402	7.402	0	%100 %100
75	MP1B	X	5.433	5.433	0	%100 %100
76	MP1B	Z	9.41	9.41	0	%100 %100
77	M176	X	2.875	2.875	0	%100 %100
78	M176	Z	4.979	4.979	0	%100 %100
79	M177	X	4.889	4.889	0	%100 %100
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## Member Distributed Loads (BLC 46: Structure Wo (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
80	M177	Z	8.468	8.468	0	%100
81	M178	X	1.197	1.197	0	%100
82	M178	Z	2.074	2.074	0	%100
83	M179	X	1.202	1.202	0	%100
84	M179	Z	2.081	2.081	0	%100
85	M180	X	.009	.009	0	%100
86	M180	Z	.016	.016	0	%100
87	M181	X	1.202	1.202	0	%100
88	M181	Z	2.081	2.081	0	%100
89	M182	X	.009	.009	0	%100
90	M182	Z	.016	.016	0	%100
91	M183	X	3.692	3.692	0	%100
92	M183	Z	6.394	6.394	0	%100
93	M184	X	.723	.723	0	%100
94	M184	Z	1.252	1.252	0	%100
95	M185	X	4.273	4.273	0	%100
96	M185	Z	7.402	7.402	0	%100
97	M186	Z	4.273	4.273	0	%100 %100
98	M186		7.402	7.402	0	%100 %100
99	M187 M187	X Z	4.273 7.402	4.273 7.402	0	%100 %100
101	M188	X Z	4.273	4.273	0	%100 %100
103	M188 M189	X	7.402 4.273	7.402 4.273	0	%100 %100
103	M189	Z	7.402	7.402	0	%100 %100
105	MP2B	X	5.433	5.433	0	%100 %100
106	MP2B	Z	9.41	9.41	0	%100 %100
107	MP3B	X	5.433	5.433	0	%100 %100
108	MP3B	Z	9.41	9.41	0	%100 %100
109	M201	X	.769	.769	0	%100 %100
110	M201	Z	1.333	1.333	0	%100 %100
111	M202	X	.769	.769	0	%100 %100
112	M202	Z	1.333	1.333	0	%100 %100
113	M203	X	1.305	1.305	0	%100 %100
114	M203	Z	2.26	2.26	0	%100 %100
115	M204	X	.59	.59	0	%100 %100
116	M204	Z	1.021	1.021	0	%100 %100
117	M205	X	4.457	4.457	0	%100
118	M205	Z	7.72	7.72	0	%100
119	M208	X	5.311	5.311	0	%100
120	M208	Z	9.199	9.199	0	%100
121	M209	X	4.615	4.615	0	%100
122	M209	Z	7.994	7.994	0	%100
123	M210	X	4.615	4.615	0	%100
124	M210	Z	7.994	7.994	0	%100
125	M211	X	4.273	4.273	0	%100
126	M211	Z	7.402	7.402	0	%100
127	M212	X	4.273	4.273	0	%100
128	M212	Z	7.402	7.402	0	%100
129	MP1C	X	5.433	5.433	0	%100
130	MP1C	Z	9.41	9.41	0	%100
131	M216	X	1.305	1.305	0	%100
132	M216	Z	2.26	2.26	0	%100
133	M217	X	.59	.59	0	%100
134	M217	Z	1.021	1.021	0	%100
135	M218	X	4.457	4.457	0	%100
136	M218	Z	7.72	7.72	0	%100

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

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137	Member Label M219	Direction	Start Magnitude[lb/ft,F,ksf] 14.267	End Magnitude[lb/ft,F,ksf] 14.267		.End Location[ft, %100
138	M219	X Z	24.712	24.712	0	%100 %100
139	M220		.757	.757	0	%100 %100
140	M220	X Z	1.312	1.312	0	%100 %100
141	M221	X	14.267	14.267	0	%100 %100
141	M221	Z	24.712	24.712	0	%100 %100
143	M222	X	.757	.757	0	%100 %100
144	M222	Z	1.312	1.312	0	%100 %100
145	M223	X	3.692	3.692	0	%100 %100
146	M223	Z	6.394	6.394	0	%100 %100
147	M224	X	1.094	1.094	0	%100 %100
148	M224	Z	1.895	1.895	0	%100 %100
149	M225	X	4.273	4.273	0	%100 %100
150	M225	Z	7.402	7.402	0	%100 %100
151	M226	X	4.273	4.273	0	%100 %100
152	M226	Z	7.402	7.402	0	%100 %100
153	M227	X	4.273	4.273	0	%100 %100
154	M227	Z	7.402	7.402	0	%100 %100
155	M228	X	4.273	4.273	0	%100 %100
156	M228	Z	7.402	7.402	0	%100 %100
157	M229	X	4.273	4.273	0	%100 %100
158	M229	Z	7.402	7.402	0	%100 %100
159	MP2C	X	5.433	5.433	0	%100 %100
160	MP2C	Z	9.41	9.41	0	%100 %100
161	MP3C	X	5.433	5.433	0	%100 %100
162	MP3C	Z	9.41	9.41	0	%100 %100
163	M121	X	.484	.484	0	%100 %100
164	M121	Z	.838	.838	0	%100 %100
165	M122A	X	5.163	5.163	0	%100
166	M122A	Z	8.943	8.943	0	%100
167	M123A	X	2.311	2.311	0	%100
168	M123A	Z	4.002	4.002	0	%100
169	M124A	X	.484	.484	0	%100
170	M124A	Z	.838	.838	0	%100
171	M125A	X	5.163	5.163	0	%100
172	M125A	Z	8.943	8.943	0	%100
173	M126A	X	2.311	2.311	0	%100
174	M126A	Z	4.002	4.002	0	%100
175	OVP1	Х	5.433	5.433	0	%100
176	OVP1	Z	9.41	9.41	0	%100
177	OVP2	X	5.433	5.433	0	%100
178	OVP2	Z	9.41	9.41	0	%100
179	M133	X	5.554	5.554	0	%100
180	M133	Z	9.619	9.619	0	%100
181	M137	X	7.182	7.182	0	%100
182	M137	Z	12.439	12.439	0	%100
183	M141	X	.866	.866	0	%100
184	M141	Z	1.5	1.5	0	%100
185	M148	X Z	3.234	3.234	0	%100
186	M148		5.602	5.602	0	%100
187	M149	Χ	5.699	5.699	0	%100
188	M149	Z	9.871	9.871	0	%100
189	M150	X	.068	.068	0	%100
190	M150	Z	.118	.118	0	%100
191	M151	X	3.193	3.193	0	%100
192	M151	Z	5.531	5.531	0	%100
193	M152	X	5.358	5.358	0	%100

Company : Maser Consulting
Designer :
Job Number : Project No. 10055829

Model Name : 468220-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	9.281	9.281	0	%100
195	M153	X	.486	.486	0	%100
196	M153	Z	.841	.841	0	%100
197	M151A	X	3.873	3.873	0	%100
198	M151A	Z	6.709	6.709	0	%100
199	M152A	X	3.803	3.803	0	%100
200	M152A	Z	6.586	6.586	0	%100
201	M153A	X	1.149	1.149	0	%100
202	M153A	Z	1.99	1.99	0	%100

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

1         M109         X         0         0         0           2         M109         Z         13.154         13.154         0         0           3         M110         X         0         0         0         0           4         M110         Z         13.154         13.154         0         0           5         M116         X         0         0         0         0         0           6         M116         Z         4.013         4.013         0	ind Location[ft,
2         M109         Z         13.154         0         0           3         M110         X         0         0         0           4         M110         Z         13.154         0         0           5         M116         X         0         0         0           6         M116         Z         4.013         4.013         0           7         M117         X         0         0         0         0           8         M117         Z         10.082         10.082         0         0           9         M118         X         0         0         0         0         0           10         M118         Z         4.013         4.013         0<	<u>%100</u>
4         M110         Z         13.154         13.154         0           5         M116         X         0         0         0           6         M116         Z         4.013         4.013         0           7         M117         X         0         0         0           8         M117         Z         10.082         10.082         0           9         M118         X         0         0         0           10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0         0           11         M124         X         0         0         0         0         0         0           12         M124         Z         10.622         10.622         0         0         0         0         1         12         M124         X         0	%100
5         M116         X         0         0         0           6         M116         Z         4.013         4.013         0           7         M117         X         0         0         0           8         M117         Z         10.082         10.082         0           9         M118         X         0         0         0           10         M118         X         0         0         0           11         M124         X         0         0         0           12         M124         X         0         0         0           12         M124         Z         10.622         10.622         0           13         M125         X         0         0         0         0           14         M125         Z         7         7         7         0         0         0         1         16         M126         X         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	%100
6         M116         Z         4.013         4.013         0           7         M117         X         0         0         0           8         M117         Z         10.082         10.082         0           9         M118         X         0         0         0           10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0         0           12         M124         Z         10.622         10.622         0         0         0           12         M124         Z         10.622         10.622         0	%100
7         M117         X         0         0         0           8         M117         Z         10.082         10.082         0           9         M118         X         0         0         0           10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0           12         M124         Z         10.622         10.622         0           13         M125         X         0         0         0           14         M125         Z         7         .7         0         0           15         M126         X         0         0         0         0         0           16         M126         X         0	%100
7         M117         X         0         0         0           8         M117         Z         10.082         10.082         0           9         M118         X         0         0         0           10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0           12         M124         Z         10.622         10.622         0           13         M125         X         0         0         0           14         M125         Z         .7         .7         0         0           15         M126         X         0         0         0         0         0         0         0         1         1         M126         X         0	%100
8         M117         Z         10.082         10.082         0           9         M118         X         0         0         0           10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0           12         M124         Z         10.622         10.622         0           13         M125         X         0         0         0           14         M125         Z         .7         .7         0           15         M126         X         0         0         0           16         M126         X         0         0         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X	%100
10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0           12         M124         Z         10.622         0           13         M125         X         0         0         0           14         M125         Z         .7         .7         0           15         M126         X         0         0         0           16         M126         Z         .7         .7         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           22         MP1A         X         0         0         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013 <td>%100</td>	%100
10         M118         Z         4.013         4.013         0           11         M124         X         0         0         0           12         M124         Z         10.622         0         0           13         M125         X         0         0         0         0           14         M125         Z         .7         .7         0	%100
12         M124         Z         10.622         10.622         0           13         M125         X         0         0         0           14         M125         Z         .7         .7         0           15         M126         X         0         0         0           16         M126         Z         .7         .7         0           17         M127         X         0         0         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013<	%100
12         M124         Z         10.622         10.622         0           13         M125         X         0         0         0           14         M125         Z         .7         .7         0           15         M126         X         0         0         0           16         M126         Z         .7         .7         0           17         M127         X         0         0         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013<	%100
13         M125         X         0         0         0           14         M125         Z         .7         .7         0           15         M126         X         0         0         0           16         M126         Z         .7         .7         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082 <td>%100</td>	%100
14         M125         Z         .7         .7         0           15         M126         X         0         0         0           16         M126         Z         .7         .7         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082         10.082         0           27         M20         X         0	%100
15         M126         X         0         0         0           16         M126         Z         .7         .7         .0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082         10.082         0           27         M20         X         0         0         0           28         M20         Z         4.0	%100
16         M126         Z         .7         .7         0           17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         0         0           21         MP1A         X         0         0         0         0           21         MP1A         X         0         0         0         0         0         0           22         MP1A         Z         10.866         10.866         0	%100
17         M127         X         0         0         0           18         M127         Z         8.547         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082         10.082         0           27         M20         X         0         0         0           28         M20         Z         4.013         4.013         0           29         M21         X         0         0         0           30         M21         X	%100
18         M127         Z         8.547         0           19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0         0           26         M19         Z         10.082         10.082         0         0           27         M20         X         0         0         0         0         0           28         M20         Z         4.013         4.013         0         0         0           30         M21         X         0         0         0         0         0           31         M22         X         0	%100
19         M128         X         0         0         0           20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082         10.082         0           27         M20         X         0         0         0           28         M20         Z         4.013         4.013         0           29         M21         X         0         0         0           30         M21         Z         4.176         4.176         0           31         M22         X         0         0         0           32         M22         Z         .115         .115         0           33         M21A         X	%100
20         M128         Z         8.547         8.547         0           21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082         10.082         0           27         M20         X         0         0         0           28         M20         Z         4.013         4.013         0           29         M21         X         0         0         0           30         M21         Z         4.176         4.176         0           31         M22         X         0         0         0           32         M22         Z         .115         .115         0           33         M21A         X         0         0         0           34         M21A         Z	%100
21         MP1A         X         0         0         0           22         MP1A         Z         10.866         10.866         0           23         M18         X         0         0         0           24         M18         Z         4.013         4.013         0           25         M19         X         0         0         0           26         M19         Z         10.082         10.082         0           27         M20         X         0         0         0           28         M20         Z         4.013         4.013         0           29         M21         X         0         0         0           30         M21         Z         4.176         4.176         0           31         M22         X         0         0         0           32         M22         Z         .115         .115         0           33         M21A         X         0         0         0           34         M21A         Z         4.176         4.176         0           35         M23         X         <	%100
22       MP1A       Z       10.866       0         23       M18       X       0       0       0         24       M18       Z       4.013       4.013       0         25       M19       X       0       0       0         26       M19       Z       10.082       10.082       0         27       M20       X       0       0       0         28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
23       M18       X       0       0       0         24       M18       Z       4.013       4.013       0         25       M19       X       0       0       0         26       M19       Z       10.082       10.082       0         27       M20       X       0       0       0         28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
24       M18       Z       4.013       4.013       0         25       M19       X       0       0       0         26       M19       Z       10.082       10.082       0         27       M20       X       0       0       0         28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
25       M19       X       0       0       0         26       M19       Z       10.082       10.082       0         27       M20       X       0       0       0         28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
26       M19       Z       10.082       10.082       0         27       M20       X       0       0       0         28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
27       M20       X       0       0       0         28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
28       M20       Z       4.013       4.013       0         29       M21       X       0       0       0         30       M21       Z       4.176       4.176       0         31       M22       X       0       0       0         32       M22       Z       .115       .115       0         33       M21A       X       0       0       0         34       M21A       Z       4.176       4.176       0         35       M23       X       0       0       0	%100
29     M21     X     0     0     0       30     M21     Z     4.176     4.176     0       31     M22     X     0     0     0       32     M22     Z     .115     .115     0       33     M21A     X     0     0     0       34     M21A     Z     4.176     4.176     0       35     M23     X     0     0     0	%100
30     M21     Z     4.176     0       31     M22     X     0     0     0       32     M22     Z     .115     .115     0       33     M21A     X     0     0     0       34     M21A     Z     4.176     4.176     0       35     M23     X     0     0     0	%100
31     M22     X     0     0     0       32     M22     Z     .115     .115     0       33     M21A     X     0     0     0       34     M21A     Z     4.176     4.176     0       35     M23     X     0     0     0	%100
32     M22     Z     .115     .115     0       33     M21A     X     0     0     0       34     M21A     Z     4.176     4.176     0       35     M23     X     0     0     0	%100
33     M21A     X     0     0       34     M21A     Z     4.176     4.176     0       35     M23     X     0     0     0	%100
34         M21A         Z         4.176         4.176         0           35         M23         X         0         0         0	%100
35 M23 X 0 0	%100
	%100
	%100
37 M23A X 0 0 0	%100
38 M23A Z 7.383 7.383 0	%100 %100
39 M24 X 0 0 0	%100 %100
40 M24 Z 1.494 1.494 0	%100 %100
41 M25 X 0 0 0	%100 %100
42 M25 Z 8.547 8.547 0	%100 %100
43 M26 X 0 0 0	%100 %100
44 M26 Z 8.547 8.547 0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
45	M27	X	0	0	0	%100
46	M27	Z	8.547	8.547	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	8.547	8.547	0	%100
49	M29	Χ	0	0	0	%100
50	M29	Z	8.547	8.547	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	10.866	10.866	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	10.866	10.866	0	%100
55	M161	X	0	0	0	%100
56	M161	Z	11.615	11.615	0	%100
57	M162	X	0	0	0	%100
58	M162	Z	11.615	11.615	0	%100
59	M163	X	0	0	0	%100
60	M163	Z	1.092	1.092	0	%100
61	M164	X	0	0	0	%100
62	M164	Z	8.903	8.903	0	%100
63	M165	X	0	0	0	%100
64	M165	Z	7.397	7.397	0	%100
65	M168	X	0	0	0	%100
66	M168	Z	10.622	10.622	0	%100
67	M169	X	0	0	0	%100
68	M169	Z	3.591	3.591	0	%100
69	M170	X	0	0	0	%100
70	M170	Z	3.591	3.591	0	%100
71	M171	X	0	0	0	%100
72	M171	Z	8.547	8.547	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	8.547	8.547	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	10.866	10.866	0	%100
77	M176	X	0	0	0	%100
78	M176	Z	1.092	1.092	0	%100
79	M177	X	0	0	0	%100
80	M177	Z	8.903	8.903	0	%100
81	M178	X	0	0	0	%100
82	M178	Z	7.397	7.397	0	%100
83	M179	X	0	0	0	%100
84	M179	Z	11.997	11.997	0	%100
85	M180	X	0	0	0	%100 %100
86	M180	Z	.589	.589	0	%100 %100
87 88	M181 M181	X Z	0 11.997	0 11.997	0	%100 %100
89	M182	X	0	0	0	%100 %100
90	M182	Z	.589	.589	0	%100 %100
91	M183		.569	.369		%100 %100
92	M183	X Z	7.383	7.383	0	%100 %100
93	M184	X	0		0	%100 %100
94	M184	Z	1.729	1.729	0	%100 %100
95	M185	X	0	0	0	%100 %100
96	M185	Z	8.547	8.547	0	%100 %100
97	M186	X	0.347	<u> </u>	0	%100 %100
98	M186	Z	8.547	8.547	0	%100 %100
99	M187	X	0.347	<u> </u>	0	%100 %100
100	M187	Z	8.547	8.547	0	%100 %100
101	M188				0	%100 %100
	IVI 100	X	0	0	U	70 IUU

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
102	M188	Z	8.547	8.547	0	%100
103	M189	X	0	0	0	%100
104	M189	Z	8.547	8.547	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	10.866	10.866	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	10.866	10.866	0	%100
109	M201	X	0	0	0	%100
110	M201	Z	.397	.397	0	%100
111	M202	X	0	0	0	%100
112	M202	Z	.397	.397	0	%100
113	M203	X	0	0	0	%100
114	M203	Z	7.612	7.612	0	%100
115	M204	X	0	0	0	%100
116	M204	Z	.304	.304	0	%100
117	M205	X	0	0	0	%100
118	M205	Z	4.257	4.257	0	%100 %100
119	M208	X Z	0	0	0	%100 %100
120	M208		10.622	10.622	0	%100 %100
121 122	M209 M209	X Z	0 10.138	0 10.138	0	%100 %100
123	M210 M210	X Z	0 10.138	0 10.138	0	%100 %100
124 125	M211	X	0	<u>10.136</u> 0	0	%100 %100
126	M211	Z	8.547	8.547	0	%100 %100
127	M212	X	0.547	0.547	0	%100 %100
128	M212	Z	8.547	8.547	0	%100 %100
129	MP1C	X	0.547	0.547	0	%100 %100
130	MP1C	Z	10.866	10.866	0	%100 %100
131	M216	X	0	0	0	%100 %100
132	M216	Z	7.612	7.612	0	%100 %100
133	M217	X	0	0	0	%100 %100
134	M217	Z	.304	.304	0	%100 %100
135	M218	X	0	0	0	%100 %100
136	M218	Z	4.257	4.257	0	%100 %100
137	M219	X	0	0	0	%100 %100
138	M219	Z	31.126	31.126	0	%100 %100
139	M220	X	0	0	0	%100
140	M220	Z	1.664	1.664	0	%100 %100
141	M221	X	0	0	0	%100
142	M221	Z	31.126	31.126	0	%100
143	M222	X	0	0	0	%100
144	M222	Z	1.664	1.664	0	%100
145	M223	X	0	0	0	%100
146	M223	Z	7.383	7.383	0	%100
147	M224	X	0	0	0	%100
148	M224	Z	2.262	2.262	0	%100
149	M225	Х	0	0	0	%100
150	M225	Z	8.547	8.547	0	%100
151	M226	X	0	0	0	%100
152	M226	Z	8.547	8.547	0	%100
153	M227	X	0	0	0	%100
154	M227	Z	8.547	8.547	0	%100
155	M228	X	0	0	0	%100
156	M228	Z	8.547	8.547	0	%100
157	M229	X	0	0	0	%100
158	M229	Z	8.547	8.547	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
159	MP2C	X	0	0	0	%100
160	MP2C	Z	10.866	10.866	0	%100
161	MP3C	X	0	0	0	%100
162	MP3C	Z	10.866	10.866	0	%100
163	M121	X	0	0	0	%100
164	M121	Z	.52	.52	0	%100
165	M122A	X	0	0	0	%100
166	M122A	Z	5.834	5.834	0	%100
167	M123A	Χ	0	0	0	%100
168	M123A	Z	9.679	9.679	0	%100
169	M124A	Χ	0	0	0	%100
170	M124A	Z	.52	.52	0	%100
171	M125A	X	0	0	0	%100
172	M125A	Z	5.834	5.834	0	%100
173	M126A	Χ	0	0	0	%100
174	M126A	Z	9.679	9.679	0	%100
175	OVP1	Χ	0	0	0	%100
176	OVP1	Z	10.866	10.866	0	%100
177	OVP2	Х	0	0	0	%100
178	OVP2	Z	10.866	10.866	0	%100
179	M133	Χ	0	0	0	%100
180	M133	Z	14.81	14.81	0	%100
181	M137	X	0	0	0	%100
182	M137	Z	13.078	13.078	0	%100
183	M141	X	0	0	0	%100
184	M141	Z	.447	.447	0	%100
185	M148	X	0	0	0	%100
186	M148	Z	.867	.867	0	%100
187	M149	X	0	0	0	%100
188	M149	Z	12.518	12.518	0	%100
189	M150	X	0	0	0	%100
190	M150	Z	4.446	4.446	0	%100
191	M151	X	0	0	0	%100
192	M151	Z	10.542	10.542	0	%100
193	M152	X	0	0	0	%100
194	M152	Z	6.978	6.978	0	%100
195	M153	X	0	0	0	%100
196	M153	Z	.517	.517	0	%100
197	M151A	X	0	0	0	%100
198	M151A	Z	8.391	8.391	0	%100
199	M152A	X	0	0	0	%100
200	M152A	Z	8.467	8.467	0	%100
201	M153A	X	0	0	0	%100
202	M153A	Z	.002	.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	-4.933	-4.933	0	%100
2	M109	Z	8.544	8.544	0	%100
3	M110	X	-4.933	-4.933	0	%100
4	M110	Z	8.544	8.544	0	%100
5	M116	X	13	13	0	%100
6	M116	Z	.226	.226	0	%100
7	M117	X	-3.781	-3.781	0	%100
8	M117	Z	6.549	6.549	0	%100
9	M118	X	-4.378	-4.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
10	M118	Z	7.582	7.582	0	%100
11	M124	X	-5.311	-5.311	0	%100
12	M124	Z	9.199	9.199	0	%100
13	M125	X	35	35	0	%100
14	M125	Z	.606	.606	0	%100
15	M126	X	35	35	0	%100
16	M126	Z	.606	.606	0	%100
17	M127	X	-4.273	-4.273	0	%100
18	M127	Z	7.402	7.402	0	%100
19	M128	X	-4.273	-4.273	0	%100
20	M128	Z	7.402	7.402	0	%100
21	MP1A	X	-5.433	-5.433	0	%100
22	MP1A	Z	9.41	9.41	0	%100
23	M18	X	13	13	0	%100
24	M18	Z	.226	.226	0	%100
25	M19	X	-3.781	-3.781	0	%100
26	M19	Z	6.549	6.549	0	%100
27	M20	X	-4.378	-4.378	0	%100
28	M20	Z	7.582	7.582	0	%100
29	M21	X	-2.088	-2.088	0	%100
30	M21	Z	3.616	3.616	0	%100
31	M22	X	057	057	0	%100
32	M22	Z	.1	.1	0	%100
33	M21A	X	-2.088	-2.088	0	%100
34	M21A	Z	3.616	3.616	0	%100
35	M23	X	057	057	0	%100
36	M23	Z	.1	.1	0	%100
37	M23A	X	-3.692	-3.692	0	%100
38	M23A	Z	6.394	6.394	0	%100
39	M24	X	747	747	0	%100
40	M24	Z	1.294	1.294	0	%100
41	<u>M25</u>	X	-4.273	-4.273	0	%100
42	M25	Z	7.402	7.402	0	%100
43	M26	X	-4.273	-4.273	0	%100
44	M26	Z	7.402	7.402	0	%100
45	<u>M27</u>	X	-4.273	-4.273	0	%100
46	<u>M27</u>	Z	7.402	7.402	0	%100
47	M28	X	-4.273	-4.273	0	%100
48	M28	Z	7.402	7.402	0	%100
49	M29	X	-4.273	-4.273	0	%100
50	M29	Z	7.402	7.402	0	%100
51	MP2A	X	-5.433	-5.433	0	%100
52	MP2A	Z	9.41	9.41	0	%100
53	MP3A	X	-5.433	-5.433	0	%100
54	MP3A	Z	9.41	9.41	0	%100
55	M161	X	-2.717	-2.717	0	%100
56	M161	Z	4.707	4.707	0	%100
57	M162	X	-2.717	-2.717	0	%100
58	M162	Z	4.707	4.707	0	%100
59	M163	X	173	173	0	%100
60	M163	Z	.299	.299	0	%100
61	M164	X	-2.083	-2.083	0	%100
62	M164	Z	3.608	3.608	0	%100 %100
63	M165	X	-5.003	-5.003	0	%100
64	M165	Z	8.665	8.665	0	%100
65	M168	X	-5.311	-5.311	0	%100
66	M168	Z	9.199	9.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
67	M169	X	-4.354	-4.354	0	%100
68	M169	Z	7.541	7.541	0	%100
69	M170	X	-4.354	-4.354	0	%100
70	M170	Z	7.541	7.541	0	%100
71	M171	X	-4.273	-4.273	0	%100
72	M171	Z	7.402	7.402	0	%100
73	M172	X	-4.273	-4.273	0	%100
74	M172	Z	7.402	7.402	0	%100
75	MP1B	X	-5.433	-5.433	0	%100
76	MP1B	Z	9.41	9.41	0	%100
77	M176	X	173	173	0	%100
78	M176	Z	.299	.299	0	%100
79	M177	X	-2.083	-2.083	0	%100
80	M177	Z	3.608	3.608	0	%100
81	M178	X	-5.003	-5.003	0	%100
82	M178	Z	8.665	8.665	0	%100
83	M179	X	-13.347	-13.347	0	%100
84	M179	Z	23.119	23.119	0	%100
85	M180	X	715	715	0	%100
86	M180	Z	1.238	1.238	0	%100
87	M181	X	-13.347	-13.347	0	%100
88	M181	Z	23.119	23.119	0	%100
89	M182	X	715	715	0	%100
90	M182	Z	1.238	1.238	0	%100
91	M183	X	-3.692	-3.692	0	%100
92	M183	Z	6.394	6.394	0	%100
93	M184	X	-1.073	-1.073	0	%100
94	M184	Z	1.858	1.858	0	%100
95	M185	X	-4.273	-4.273	0	%100
96	M185	Z	7.402	7.402	0	%100
97	M186	X	-4.273	-4.273	0	%100
98	M186	Z	7.402	7.402	0	%100
99	M187	X	-4.273	-4.273	0	%100
100	M187	Z	7.402	7.402	0	%100
101	M188	X	-4.273	-4.273	0	%100
102	M188	Z	7.402	7.402	0	%100
103	M189	X	-4.273	-4.273	0	%100
104	M189	Z	7.402	7.402	0	%100
105	MP2B	X	-5.433	-5.433	0	%100
106	MP2B	Z	9.41	9.41	0	%100
107	MP3B	X	-5.433	-5.433	0	%100
108	MP3B	Z	9.41	9.41	0	%100
109	M201	X	-2.717	-2.717	0	%100
110	M201	Z	4.707	4.707	0	%100
111	M202	Χ	-2.717	-2.717	0	%100
112	M202	Z	4.707	4.707	0	%100
113	M203	X	-5.003	-5.003	0	%100
114	M203	Z	8.665	8.665	0	%100
115	M204	X	-2.083	-2.083	0	%100
116	M204	Z	3.608	3.608	0	%100
117	M205	X	173	173	0	%100
118	M205	Z	.299	.299	0	%100
119	M208	X	-5.311	-5.311	0	%100
120	M208	Z	9.199	9.199	0	%100
121	M209	X	-3.067	-3.067	0	%100
122	M209	Z	5.312	5.312	0	%100
123	M210	X	-3.067	-3.067	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
124	M210	Z	5.312	5.312	0	%100
125	M211	X	-4.273	-4.273	0	%100
126	M211	Z	7.402	7.402	0	%100
127	M212	X	-4.273	-4.273	0	%100
128	M212	Z	7.402	7.402	0	%100
129	MP1C	X	-5.433	-5.433	0	%100
130	MP1C	Z	9.41	9.41	0	%100
131	M216	X	-5.003	-5.003	0	%100
132	M216	Z	8.665	8.665	0	%100
133	M217	X	-2.083	-2.083	0	%100
134	M217	Z	3.608	3.608	0	%100
135	M218	X	173	173	0	%100
136	M218	Z	.299	.299	0	%100
137	M219	X	-9.847	-9.847	0	%100
138	M219	Z	17.055	17.055	0	%100
139	M220	X	503	503	0	%100
140	M220	Z	.872	.872	0	%100 %100
141	M221	X	-9.847	-9.847	0	%100 %100
142	M221	Z	17.055	17.055	0	%100 %100
143	M222	X	503	503	0	%100 %100
144	M222	Z	.872	.872	0	%100 %100
145	M223	X	-3.692	-3.692	0	%100 %100
146	M223	Z	6.394	6.394	0	%100 %100
147	M224	X	968	968	0	%100 %100
148	M224	Z	1.677	1.677	0	%100 %100
149	M225	X	-4.273	-4.273	0	%100 %100
150	M225	Z	7.402	7.402	0	%100 %100
151	M226	X	-4.273	-4.273	0	%100 %100
152	M226	Z	7.402	7.402	0	%100 %100
153	M227	X	-4.273	-4.273	0	%100 %100
154	M227	Z	7.402	7.402	0	%100 %100
155	M228	X	-4.273	-4.273	0	%100 %100
156	M228	Z	7.402	7.402	0	%100 %100
157	M229	X	-4.273	-4.273	0	%100 %100
158	M229	Z	7.402	7.402	0	%100 %100
159	MP2C	X	-5.433	-5.433	0	%100 %100
160	MP2C	Z	9.41	9.41	0	%100 %100
161	MP3C	X	-5.433	-5.433	0	%100
162	MP3C	Z	9.41	9.41	0	%100 %100
163	M121	X	-2.493	-2.493	0	%100
164	M121	Z	4.318	4.318	0	%100
165	M122A	X	471	471	0	%100
166	M122A	Z	.815	.815	0	%100
167	M123A	X	-5.246	-5.246	0	%100
168	M123A	Z	9.086	9.086	0	%100
169	M124A	X	-2.493	-2.493	0	%100
170	M124A	Z	4.318	4.318	0	%100
171	M125A	X	471	471	0	%100
172	M125A	Z	.815	.815	0	%100
173	M126A		-5.246	-5.246	0	%100
174	M126A	X Z	9.086	9.086	0	%100
175	OVP1	X	-5.433	-5.433	0	%100
176	OVP1	Z	9.41	9.41	0	%100
177	OVP2	X	-5.433	-5.433	0	%100
178	OVP2	Z	9.41	9.41	0	%100
179	M133	X	-5.554	-5.554	0	%100
180	M133	Z	9.619	9.619	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
181	M137	X	-3.06	-3.06	0	%100 <sup>-</sup>
182	M137	Z	5.299	5.299	0	%100
183	M141	X	-3.06	-3.06	0	%100
184	M141	Z	5.299	5.299	0	%100
185	M148	X	433	433	0	%100
186	M148	Z	.75	.75	0	%100
187	M149	X	-3.787	-3.787	0	%100
188	M149	Z	6.56	6.56	0	%100
189	M150	X	-5.39	-5.39	0	%100
190	M150	Z	9.336	9.336	0	%100
191	M151	X	-4.794	-4.794	0	%100
192	M151	Z	8.304	8.304	0	%100
193	M152	X	847	847	0	%100
194	M152	Z	1.467	1.467	0	%100
195	M153	X	-2.489	-2.489	0	%100
196	M153	Z	4.312	4.312	0	%100
197	M151A	X	-2.496	-2.496	0	%100
198	M151A	Z	4.323	4.323	0	%100
199	M152A	X	-2.604	-2.604	0	%100
200	M152A	Z	4.51	4.51	0	%100
201	M153A	X	-1.026	-1.026	0	%100
202	M153A	Z	1.777	1.777	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	-2.848	-2.848	0	%100
2	M109	Z	1.644	1.644	0	%100
3	M110	X	-2.848	-2.848	0	%100
4	M110	Z	1.644	1.644	0	%100
5	M116	X	-1.084	-1.084	0	%100
6	M116	Z	.626	.626	0	%100
7	M117	X	-2.183	-2.183	0	%100
8	M117	Z	1.26	1.26	0	%100
9	M118	X	-8.44	-8.44	0	%100
10	M118	Z	4.873	4.873	0	%100
11	M124	X	-9.199	-9.199	0	%100
12	M124	Z	5.311	5.311	0	%100
13	M125	X	-4.526	-4.526	0	%100
14	M125	Z	2.613	2.613	0	%100
15	M126	Х	-4.526	-4.526	0	%100
16	M126	Z	2.613	2.613	0	%100
17	M127	X	-7.402	-7.402	0	%100
18	M127	Z	4.273	4.273	0	%100
19	M128	X	-7.402	-7.402	0	%100
20	M128	Z	4.273	4.273	0	%100
21	MP1A	X	-9.41	-9.41	0	%100
22	MP1A	Z	5.433	5.433	0	%100
23	M18	X	-1.084	-1.084	0	%100
24	M18	Z	.626	.626	0	%100
25	M19	X	-2.183	-2.183	0	%100
26	M19	Z	1.26	1.26	0	%100
27	M20	X	-8.44	-8.44	0	%100
28	M20	Z	4.873	4.873	0	%100
29	M21	X	-14.81	-14.81	0	%100
30	M21	Z	8.551	8.551	0	%100
31	M22	X	743	743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
32	M22	Z	.429	.429	0	%100
33	M21A	X	-14.81	-14.81	0	%100
34	M21A	Z	8.551	8.551	0	%100
35	M23	X	743	743	0	%100
36	M23	Z	.429	.429	0	%100
37	M23A	X	-6.394	-6.394	0	%100
38	M23A	Z	3.692	3.692	0	%100
39	M24	X	-1.613	-1.613	0	%100
40	M24	Z	.931	.931	0	%100
41	M25	X	-7.402	-7.402	0	%100
42	M25	Z	4.273	4.273	0	%100
43	M26	X	-7.402	-7.402	0	%100
44	M26	Z	4.273	4.273	0	%100
45	M27	Χ	-7.402	-7.402	0	%100
46	M27	Z	4.273	4.273	0	%100
47	M28	X	-7.402	-7.402	0	%100
48	M28	Z	4.273	4.273	0	%100
49	M29	X	-7.402	-7.402	0	%100
50	M29	Z	4.273	4.273	0	%100
51	MP2A	X	-9.41	-9.41	0	%100
52	MP2A	Z	5.433	5.433	0	%100
53	MP3A	X	-9.41	-9.41	0	%100
54	MP3A	Z	5.433	5.433	0	%100
55	M161	X	343	343	0	%100
56	M161	Z	.198	.198	0	%100
57	M162	X	343	343	0	%100
58	M162	Z	.198	.198	0	%100
59	M163	X	-3.687	-3.687	0	%100
60	M163	Z	2.128	2.128	0	%100
61	M164	X	263	263	0	%100
62	M164	Z	.152	.152	0	%100
63	M165	X	-6.592	-6.592	0	%100
64	M165	Z	3.806	3.806	0	%100
65	M168	Χ	-9.199	-9.199	0	%100
66	M168	Z	5.311	5.311	0	%100
67	M169	X	-8.957	-8.957	0	%100
68	M169	Z	5.172	5.172	0	%100
69	M170	X	-8.957	-8.957	0	%100
70	M170	Z	5.172	5.172	0	%100
71	M171	X	-7.402	-7.402	0	%100
72	<u>M171</u>	Z	4.273	4.273	0	%100
73	M172	X	-7.402	-7.402	0	%100
74	M172	Z	4.273	4.273	0	%100
75	MP1B	X	-9.41	-9.41	0	%100
76	MP1B	Z	5.433	5.433	0	%100
77	M176	X	-3.687	-3.687	0	%100
78	M176	Z	2.128	2.128	0	%100
79	M177	X	263	263	0	%100
80	M177	Z	.152	.152	0	%100
81	M178	X	-6.592	-6.592	0	%100
82	M178	Z	3.806	3.806	0	%100
83	M179	X	-27.539	-27.539	0	%100
84	M179	Z	15.9	15.9	0	%100
85	M180	Χ	-1.47	-1.47	0	%100
86	M180	Z	.849	.849	0	%100
87	M181	X	-27.539	-27.539	0	%100
88	M181	Z	15.9	15.9	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
89	M182	X	-1.47	-1.47	0	%100
90	M182	Z	.849	.849	0	%100
91	M183	Х	-6.394	-6.394	0	%100
92	M183	Z	3.692	3.692	0	%100
93	M184	X	-1.973	-1.973	0	%100
94	M184	Z	1.139	1.139	0	%100
95	M185	X	-7.402	-7.402	0	%100
96	M185	Z	4.273	4.273	0	%100
97	M186	X	-7.402	-7.402	0	%100
98	M186	Z	4.273	4.273	0	%100
99	M187	X	-7.402	-7.402	0	%100 %100
100	M187	Z	4.273	4.273	0	%100 %100
101	M188	X	-7.402	-7.402	0	%100 %100
102	M188	Z	4.273	4.273	0	%100 %100
103	M189	X	-7.402	-7.402	0	%100 %100
104	M189	Z	4.273	4.273	0	%100 %100
105	MP2B	X	-9.41	<u>-9.41</u>	0	%100 %100
106	MP2B	Z	5.433	5.433	0	%100 %100
107	MP3B		-9.41	<u> </u>		%100 %100
		X			0	
108	MP3B	Z	5.433	5.433	0	%100
109	M201	X	-10.059	-10.059	0	%100
110	M201	Z	5.807	5.807	0	%100
111	M202	X	-10.059	-10.059	0	%100
112	M202	Z	5.807	5.807	0	%100
113	M203	X	-6.406	-6.406	0	%100
114	M203	Z	3.698	3.698	0	%100
115	M204	X	-7.71	-7.71	0	%100
116	M204	Z	4.451	4.451	0	%100
117	M205	X	946	946	0	%100
118	M205	Z	.546	.546	0	%100
119	M208	X	-9.199	-9.199	0	%100
120	M208	Z	5.311	5.311	0	%100
121	M209	X	-1.059	-1.059	0	%100
122	M209	Z	.611	.611	0	%100
123	M210	X	-1.059	-1.059	0	%100
124	M210	Z	.611	.611	0	%100
125	M211	X	-7.402	-7.402	0	%100
126	M211	Z	4.273	4.273	0	%100
127	M212	X	-7.402	-7.402	0	%100
128	M212	Z	4.273	4.273	0	%100
129	MP1C	X	-9.41	-9.41	0	%100
130	MP1C	Z	5.433	5.433	0	%100
131	M216	X	-6.406	-6.406	0	%100
132	M216	Z	3.698	3.698	0	%100
133	M217		-7.71	-7.71	0	%100
134	M217	X Z	4.451	4.451	0	%100 %100
135	M218	X	946	946	0	%100 %100
136	M218	Z	.546	.546	0	%100 %100
137	M219	X	-4.909	-4.909	0	%100 %100
138	M219	Z	2.834	2.834	0	%100 %100
139	M220	X	174	<u>2.034</u> 174	0	%100 %100
140	M220	Z	174	<u>74</u> .1	0	%100 %100
141	M221	X	-4.909	-4.909	0	%100 %100
141	M221	Z	2.834	<u>-4.909</u> 2.834	0	%100 %100
143	M222	X Z	174	174	0	%100 %100
144	M222		.1	.1	0	%100 %100
145	M223	X	-6.394	-6.394	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
146	M223	Z	3.692	3.692	0	%100
147	M224	X	-1.331	-1.331	0	%100
148	M224	Z	.768	.768	0	%100
149	M225	X	-7.402	-7.402	0	%100
150	M225	Z	4.273	4.273	0	%100
151	M226	X	-7.402	-7.402	0	%100 %100
152	M226	Z	4.273	4.273	0	%100 %100
153	M227	X	-7.402	-7.402	0	%100 %100
154	M227	Z	4.273	4.273	0	%100 %100
155	M228	X	-7.402	-7.402	0	%100 %100
156	M228	7	4.273	4.273	0	%100 %100
157	M229	X	-7.402	<u>-7.402</u>	0	%100 %100
158	M229	Z	4.273	4.273	0	
159	MP2C		-9.41	<u> </u>		%100 %100
		X			0	
160	MP2C	Z	5.433	5.433	0	%100
161	MP3C	X	-9.41	<u>-9.41</u>	0	%100
162	MP3C	Z	5.433	5.433	0	%100
163	M121	X	-8.572	-8.572	0	%100
164	M121	Z	4.949	4.949	0	%100
165	M122A	X	468	468	0	%100
166	M122A	Z	.27	.27	0	%100
167	M123A	X	-5.408	-5.408	0	%100
168	M123A	Z	3.122	3.122	0	%100
169	M124A	X	-8.572	-8.572	0	%100
170	M124A	Z	4.949	4.949	0	%100
171	M125A	X	468	468	0	%100
172	M125A	Z	.27	.27	0	%100
173	M126A	X	-5.408	-5.408	0	%100
174	M126A	Z	3.122	3.122	0	%100
175	OVP1	X	-9.41	-9.41	0	%100
176	OVP1	Z	5.433	5.433	0	%100
177	OVP2	Х	-9.41	-9.41	0	%100
178	OVP2	Z	5.433	5.433	0	%100
179	M133	X	-3.206	-3.206	0	%100
180	M133	Z	1.851	1.851	0	%100
181	M137	X	387	387	0	%100
182	M137	Z	.223	.223	0	%100
183	M141	X	-11.325	-11.325	0	%100
184	M141	Z	6.539	6.539	0	%100 %100
185	M148	X	-5.602	-5.602	0	%100
186	M148	Z	3.234	3.234	0	%100 %100
187	M149	X	-1.308	-1.308	0	%100 %100
188	M149	Z	.755	.755	0	%100 %100
189	M150	X	-11.088	-11.088	0	%100 %100
190	M150	Z	6.402	6.402	0	%100 %100
191	M151	X	-3.879	-3.879	0	%100 %100
191	M151	Z			0	
			2.24	2.24		%100 %100
193	M152	X	13	13	0	%100 %100
194	M152	Z	.075	.075	0	%100 %100
195	M153	X Z	-8.569	-8.569	0	%100
196	M153		4.947	4.947	0	%100
197	M151A	X	82	82	0	%100
198	M151A	Z	.473	.473	0	%100
199	M152A	X	942	942	0	%100
200	M152A	Z	.544	.544	0	%100
201	M153A	X	-5.539	-5.539	0	%100
202	M153A	Z	3.198	3.198	0	%100

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

Company Designer Job Number Model Name

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	0	0	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	0	0	0	%100
5	M116	X	-5.994	-5.994	0	%100
6	M116	Z	0	0	0	%100
7	M117	Х	0	0	0	%100
8	M117	Z	0	0	0	%100
9	M118	X	-5.994	-5.994	0	%100
10	M118	Z	0	0	0	%100
11	M124	X	-10.622	-10.622	0	%100
12	M124	Z	0	0	0	%100
13	M125	X	-9.753	-9.753	0	%100
14	M125	Z	0	0	0	%100
15	M126	X	-9.753	-9.753	0	%100
16	M126	Z	0	0	0	%100
17	M127	X	-8.547	-8.547	0	%100
18	M127	Z	0	0	0	%100
19	M128	X	-8.547	-8.547	0	%100
20	M128	Z	0	0	0	%100
21	MP1A	X	-10.866	-10.866	0	%100
22	MP1A	Z	0	0	0	%100
23	M18	X	-5.994	-5.994	0	%100
24	M18	Z	0	0	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	0	0	0	%100
27	M20	X	-5.994	-5.994	0	%100
28	M20	Z	0	0	0	%100
29	M21	X	-30.027	-30.027	0	%100
30	M21	Z	0	0	0	%100
31	M22	Χ	-1.601	-1.601	0	%100
32	M22	Z	0	0	0	%100
33	M21A	X	-30.027	-30.027	0	%100
34	M21A	Z	0	0	0	%100
35	M23	X	-1.601	-1.601	0	%100
36	M23	Z	0	0	0	%100
37	M23A	X	-7.383	-7.383	0	%100
38	M23A	Z	0	0	0	%100
39	M24	X	-2.231	-2.231	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-8.547	-8.547	0	%100
42	M25	Z	0 547	0	0	%100 %100
43	M26	X Z	-8.547	-8.547	0	%100 %100
44	M26		0 0 547	0 547	0	%100 %100
45	M27	X Z	-8.547	-8.547	0	%100 %100
46	M27		0 0 5 4 7	0 547	0	%100 %100
47	M28	X	-8.547	<u>-8.547</u>	0	%100 %100
48	M28	Z	0 9 5 4 7	0 547	0	%100 %100
49	M29	X Z	-8.547	<u>-8.547</u>	0	%100 %100
50	M29		10.966	10.966	0	
51	MP2A	X	-10.866	<u>-10.866</u>	0	%100 %100
52	MP2A	Z	10.966	<u> </u>	0	%100 %100
53	MP3A MP3A	X Z	-10.866 0	<u>-10.866</u> 0	0	%100 %100
54 55	M161	X	-1.539	-1.539	0	%100 %100
56	M161	Z	-1.539	-1.539 0	0	%100 %100
			•			
57	M162	X	-1.539	-1.539	0	%100

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

E0	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	_	_	.End Location[ft,
58	M162 M163	Z	-8.915	0 -8.915	0	%100 %100
59		X Z	-8.915	-8.915 0	0	
60	M163 M164	X	-1.179	<u> </u>		%100 %100
61		Z	-1.179	-1.179 0	0	%100 %100
62	M164					%100
63	M165	X	-2.61	-2.61	0	%100
64	M165	Z	0	0	0	%100
65	M168	X Z	-10.622	-10.622	0	%100 %100
66	M168		0	0 000	0	%100
67	M169	X	-6.862	-6.862	0	%100
68	M169	Z	0	0 -6.862	0	%100
69	M170	X Z	-6.862		0	%100
70	M170	X	0 547	0	0	%100 %100
71	M171	Z	-8.547	-8.547	0	%100 %100
72	M171		0 547	0.547	0	%100
73	M172	X Z	-8.547	-8.547	0	%100 %100
74	M172		0	0	0	%100
75	MP1B	X Z	-10.866	-10.866	0	%100 %100
76	MP1B		0	0 015		%100 %100
77	M176	X	-8.915	<u>-8.915</u>	0	%100 %100
78	<u>M176</u> M177	Z	0	<u> </u>	0	%100 %100
79	M177 M177	X Z	-1.179 0	-1.1 <i>1</i> 9 0	0	%100 %100
80		X				%100 %100
81	M178	Z	-2.61	-2.61	0	%100
82	M178		0	0 000	0	%100
83	M179	X	-22.206	-22.206	0	%100
84	M179	Z	0	0	0	%100
85	M180	X Z	-1.126	-1.126	0	%100 %100
86	M180		0	0	0	%100 %100
87	M181	X Z	-22.206	-22.206	0	%100 %100
88	M181		0	0 -1.126		%100 %100
89	M182 M182	X Z	-1.126 0	-1.120 0	0	%100 %100
90		X	-7.383	-7.383		%100 %100
91	M183 M183	Z	-7.303	-1.303 0	0	%100 %100
93	M184 M184	X Z	-1.995	<u>-1.995</u> 0	0	%100 %100
94	M185	X	0 -8.547	-8.547	0	%100 %100
96	M185	Z	-0.547	-0.54 <i>1</i>	0	%100 %100
97	M186	X	-8.547	-8.547	0	%100 %100
98	M186		-0.547	0.54 <i>1</i> 0	0	%100 %100
99	M187	X	-8.547	-8.547	0	%100 %100
100	M187	Z	-0.547	-0.54 <i>1</i>	0	%100 %100
101	M188	X	-8.547	-8.547	0	%100 %100
102	M188	Z	0	0	0	%100 %100
103	M189	X	-8.547	-8.547	0	%100 %100
104	M189	Z	0	0	0	%100 %100
105	MP2B	X	-10.866	-10.866	0	%100 %100
106	MP2B	Z	-10.800	0	0	%100 %100
107	MP3B	X	-10.866	-10.866	0	%100 %100
107	MP3B	Z	-10.800	0	0	%100 %100
109	M201	X	-12.757	-12.757	0	%100 %100
110	M201	Z	-12.737	0	0	%100 %100
111	M202	X	-12.757	-12.757	0	%100 %100
112	M202	Z	-12.737	0	0	%100 %100
113	M203	X	-2.395	-2.395	0	%100 %100
114	M203	Z	-2.393	<u>-2.395</u> 0	0	%100 %100
114	IVIZUS		U	U	U	/0 100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
115	M204	X	-9.778	-9.778	0	%100
116	M204	Z	0	0	0	%100
117	M205	X	-5.75	-5.75	0	%100
118	M205	Z	0	0	0	%100
119	M208	X	-10.622	-10.622	0	%100
120	M208	Z	0	0	0	%100
121	M209	X	315	315	0	%100
122	M209	Z	0	0	0	%100
123	M210	X	315	315	0	%100
124	M210	Z	0	0	0	%100
125	M211	X	-8.547	-8.547	0	%100 %100
126	M211	Z	0	0	0	%100 %100
127	M212	X	-8.547	-8.547	0	%100 %100
128	M212	Z	0	0	0	%100 %100
129	MP1C	X	-10.866	-10.866	0	%100 %100
130	MP1C	7	-10.800	0	0	%100 %100
	M216	X	-2.395	<del>_</del>	0	
131		Z		-2.395		%100 %100
132	M216		0 770	0 770	0	%100
133	M217	X	-9.778	-9.778	0	%100
134	M217	Z	0	0	0	%100
135	M218	X	-5.75	-5.75	0	%100
136	M218	Z	0	0	0	%100
137	M219	X	-3.076	-3.076	0	%100
138	M219	Z	0	0	0	%100
139	M220	X	052	052	0	%100
140	M220	Z	0	0	0	%100
141	M221	X	-3.076	-3.076	0	%100
142	M221	Z	0	0	0	%100
143	M222	X	052	052	0	%100
144	M222	Z	0	0	0	%100
145	M223	X	-7.383	-7.383	0	%100
146	M223	Z	0	0	0	%100
147	M224	X	-1.463	-1.463	0	%100
148	M224	Z	0	0	0	%100
149	M225	X	-8.547	-8.547	0	%100
150	M225	Z	0	0	0	%100
151	M226	X	-8.547	-8.547	0	%100
152	M226	Z	0	0	0	%100
153	M227	X	-8.547	-8.547	0	%100
154	M227	Z	0	0	0	%100
155	M228	X	-8.547	-8.547	0	%100
156	M228	Z	0	0	0	%100
157	M229	X	-8.547	-8.547	0	%100 %100
158	M229	Z	0	0	0	%100 %100
159	MP2C	X	-10.866	-10.866	0	%100 %100
160	MP2C	Z	0	0	0	%100 %100
161	MP3C	X	-10.866	-10.866	0	%100 %100
162	MP3C	Z	-10.000	-10.666	0	%100 %100
163	M121	X	-10.346	-10.346	0	%100 %100
164		Z			0	%100 %100
	M121		5.022	<u> </u>		
165	M122A	X	-5.032	-5.032	0	%100 %100
166	M122A	Z	0	0	0	%100 %100
167	M123A	X	-1.187	-1.187	0	%100 %400
168	M123A	Z	0	0	0	%100
169	M124A	X	-10.346	-10.346	0	%100
170	M124A	Z	0	0	0	%100
171	M125A	X	-5.032	-5.032	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
172	M125A	Z	0	0	0	%100
173	M126A	X	-1.187	-1.187	0	%100
174	M126A	Z	0	0	0	%100
175	OVP1	X	-10.866	-10.866	0	%100
176	OVP1	Z	0	0	0	%100
177	OVP2	Х	-10.866	-10.866	0	%100
178	OVP2	Z	0	0	0	%100
179	M133	X	0	0	0	%100
180	M133	Z	0	0	0	%100
181	M137	Х	-1.732	-1.732	0	%100
182	M137	Z	0	0	0	%100
183	M141	Х	-14.363	-14.363	0	%100
184	M141	Z	0	0	0	%100
185	M148	X	-12.07	-12.07	0	%100
186	M148	Z	0	0	0	%100
187	M149	Х	389	389	0	%100
188	M149	Z	0	0	0	%100
189	M150	X	-8.494	-8.494	0	%100
190	M150	Z	0	0	0	%100
191	M151	X	324	324	0	%100
192	M151	Z	0	0	0	%100
193	M152	Х	-3.888	-3.888	0	%100
194	M152	Z	0	0	0	%100
195	M153	X	-10.349	-10.349	0	%100
196	M153	Z	0	0	0	%100
197	M151A	X	302	302	0	%100
198	M151A	Z	0	0	0	%100
199	M152A	X	226	226	0	%100
200	M152A	Z	0	0	0	%100
201	M153A	X	-8.691	-8.691	0	%100
202	M153A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	-2.848	-2.848	0	%100
2	M109	Z	-1.644	-1.644	0	%100
3	M110	X	-2.848	-2.848	0	%100
4	M110	Z	-1.644	-1.644	0	%100
5	M116	X	-8.44	-8.44	0	%100
6	M116	Z	-4.873	-4.873	0	%100
7	M117	X	-2.183	-2.183	0	%100
8	M117	Z	-1.26	-1.26	0	%100
9	M118	X	-1.084	-1.084	0	%100
10	M118	Z	626	626	0	%100
11	M124	X	-9.199	-9.199	0	%100
12	M124	Z	-5.311	-5.311	0	%100
13	M125	X	-8.446	-8.446	0	%100
14	M125	Z	-4.876	-4.876	0	%100
15	M126	X	-8.446	-8.446	0	%100
16	M126	Z	-4.876	-4.876	0	%100
17	M127	X	-7.402	-7.402	0	%100
18	M127	Z	-4.273	-4.273	0	%100
19	M128	X	-7.402	-7.402	0	%100
20	M128	Z	-4.273	-4.273	0	%100
21	MP1A	X	-9.41	-9.41	0	%100
22	MP1A	Z	-5.433	-5.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
23	<u>M18</u>	X	-8.44	-8.44	0	%100
24	M18	Z	-4.873	-4.873	0	%100
25	M19	Х	-2.183	-2.183	0	%100
26	M19	Z	-1.26	-1.26	0	%100
27	M20	X	-1.084	-1.084	0	%100
28	M20	Z	626	626	0	%100
29	M21	X	-26.004	-26.004	0	%100
30	M21	Z	-15.013	-15.013	0	%100
31	M22	X	-1.386	-1.386	0	%100
32	M22	Ζ	8	8	0	%100
33	M21A	Х	-26.004	-26.004	0	%100
34	M21A	Z	-15.013	-15.013	0	%100
35	M23	X	-1.386	-1.386	0	%100
36	M23	Z	8	8	0	%100
37	M23A	X	-6.394	-6.394	0	%100
38	M23A	Z	-3.692	-3.692	0	%100
39	M24	X	-1.932	-1.932	0	%100
40	M24	Z	-1.115	-1.115	0	%100
41	M25	X	-7.402	-7.402	0	%100 %100
42	M25	Z	-4.273	-4.273	0	%100 %100
43	M26	X	-7.402	-7.402	0	%100 %100
44	M26	Z	-4.273	-4.273	0	%100 %100
45	M27	X	- <del>7</del> .402	- <del>7</del> .402	0	%100 %100
46	M27	Z	-4.273	-4.273	0	%100 %100
47	M28	X	- <del>7</del> .402	- <del>7.402</del>	0	%100 %100
48	M28	Z	-4.273	-4.273	0	%100 %100
49	M29	X	-4.273 -7.402	- <del>7.402</del>	0	%100 %100
	M29	Z	-7.402 -4.273	-7.402 -4.273	0	%100 %100
50 51	MP2A	X	-4.273 -9.41	-4.273 -9.41	0	%100 %100
		Z				
52	MP2A		-5.433	-5.433	0	%100
53	MP3A	X	-9.41	-9.41	0	%100
54	MP3A	Z	-5.433	-5.433	0	%100
55	M161	X	-6.685	-6.685	0	%100
56	M161	Z	-3.859	-3.859	0	%100
57	M162	X	-6.685	-6.685	0	%100
58	M162	Z	-3.859	-3.859	0	%100
59	M163	X	-8.367	-8.367	0	%100
60	M163	Z	-4.831	-4.831	0	%100
61	M164	X	-5.124	-5.124	0	%100
62	M164	Z	-2.958	-2.958	0	%100
63	M165	X	001	001	0	%100
64	M165	Z	00077	00077	0	%100
65	M168	X	-9.199	-9.199	0	%100
66	M168	Z	-5.311	-5.311	0	%100
67	M169	X	-1.511	-1.511	0	%100
68	M169	Z	872	872	0	%100
69	M170	X	-1.511	-1.511	0	%100
70	M170	Z	872	872	0	%100
71	M171	X	-7.402	-7.402	0	%100
72	M171	Z	-4.273	-4.273	0	%100
73	M172	X	-7.402	-7.402	0	%100
74	M172	Z	-4.273	-4.273	0	%100
75	MP1B	X	-9.41	-9.41	0	%100
76	MP1B	Z	-5.433	-5.433	0	%100 %100
77	M176	X	-8.367	-8.367	0	%100 %100
78	M176	Z	-4.831	-4.831	0	%100 %100
79	M177	X	-5.124	-5.124	0	%100 %100
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## Member Distributed Loads (BLC 51: Structure Wo (300 Deg)) (Continued)

80 M177 Z -2.958 -2.958 0 %100 81 M178 X001001 0 %100 82 M178 Z0007700077 0 %100 83.3 M179 X -6.502 -6.502 0 %100 84 M179 Z -3.754 -3.754 0 %100 85 M180 X -248 -248 0 %100 86 M180 Z -143 -143 0 %100 87 M181 X -6.502 -6.502 0 %100 88 M181 Z -3.754 -3.754 0 %100 89 M182 X -248 -248 0 %100 90 M182 Z -143 -143 0 %100 90 M182 Z -143 -143 0 %100 90 M182 Z -143 -143 0 %100 91 M183 X -6.594 -6.394 0 %100 92 M183 Z -3.692 -3.692 0 %100 93 M184 X -1.368 -1.368 0 %100 95 M185 X -7.402 -7.402 0 %100 96 M186 X -4.273 -4.273 0 %100 97 M186 X -4.273 -4.273 0 %100 98 M186 Z -4.273 -4.273 0 %100 99 M187 Z -4.273 -4.273 0 %100 99 M186 X -7.402 -7.402 0 %100 99 M187 Z -4.273 -4.273 0 %100 99 M188 X -4.273 -4.273 0 %100 99 M187 X -7.402 -7.402 0 %100 99 M188 X -4.273 -4.273 0 %100 99 M188 X -4.273 -4.273 0 %100 99 M187 Z -4.273 -4.273 0 %100 99 M187 Z -4.273 -4.273 0 %100 99 M188 X -7.402 -7.402 0 %100 99 M189 X -7.402 -7.402 0 %100 99 M180 X -7.402 -7.402 0 %100 99 M187 X -7.402 -7.402 0 %100 90 M188 X -7.402 -7.402 0 %100 90 M189 X -7.402 -7.402 0 %100 90 M190 M190 X -3.374 -3.374 0 %100 90 M190 M190 X -3.374 -3.374 0 %100 90 M190 M190 X -3.374 -3.374 0 %100 90 M190 M190 X -3.374 -3.74 0 %100 90 M190 M1		Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
B2						-	
B3			<u>X</u>				
B4							
86         M180         X        248        248         0         %100           87         M181         X         -6.502         -6.502         0         %100           88         M181         Z         -3.754         -3.754         0         %100           89         M182         X         -248         -2.248         0         %100           89         M182         X         -248         -2.48         0         %100           90         M182         Z         -143         -143         0         %100           90         M182         Z         -143         -6.394         0         %100           91         M183         Z         -3.692         -3.692         0         %100           92         M183         Z         -3.692         -3.692         0         %100           94         M184         Z         -79         -79         0         %100           95         M185         X         -7.402         -7.402         0         %100           97         M186         X         -7.402         -7.402         0         %100           98							
86							
B8							
88         M181         Z         -3.754         -3.754         0         %100           90         M182         X         -143         -143         0         %100           91         M183         X         -6.394         -6.394         0         %100           92         M183         X         -6.394         -6.394         0         %100           93         M184         X         -1.368         -1.368         0         %100           94         M184         X         -1.368         -1.368         0         %100           95         M185         X         -7.402         -7.402         0         %100           95         M185         X         -7.402         -7.402         0         %100           97         M186         X         -7.402         -7.402         0         %100           98         M187         X         -7.402         -7.402         0         %100           99         M187         X         -7.402         -7.402         0         %100           100         M187         X         -7.402         -7.402         0         %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
89			<u>X</u>				
90 M182 Z143143 0 %100 91 M183 X -6.394 -6.394 0 %100 92 M183 Z -3.692 -3.692 0 %100 93 M184 X -1.368 -1.368 0 %100 95 M185 X -7.402 -7.402 0 %100 96 M185 Z -4.273 -4.273 0 %100 97 M186 X -7.402 -7.402 0 %100 98 M185 X -7.402 -7.402 0 %100 99 M187 X -7.402 -7.402 0 %100 99 M187 X -7.402 -7.402 0 %100 100 M187 Z -4.273 -4.273 0 %100 101 M188 X -7.402 -7.402 0 %100 102 M188 Z -4.273 -4.273 0 %100 103 M189 X -7.402 -7.402 0 %100 104 M189 Z -4.273 -4.273 0 %100 105 M189 X -7.402 -7.402 0 %100 106 M189 X -7.402 -7.402 0 %100 107 M188 X -7.402 -7.402 0 %100 108 M189 X -7.402 -7.402 0 %100 109 M187 X -7.402 -7.402 0 %100 100 M188 X -7.402 -7.402 0 %100 101 M188 X -7.402 -7.402 0 %100 102 M188 X -9.41 -9.41 0 %100 105 MP2B X -9.41 -9.41 0 %100 106 MP2B Z -5.433 -5.433 0 %100 107 MP3B X -9.41 -9.41 0 %100 108 MP3B Z -5.433 -5.433 0 %100 109 M201 X -6.685 -6.685 0 %100 110 M201 Z -3.859 0 %100 111 M202 X -6.685 -6.685 0 %100 113 M203 X001001 0 %100 114 M203 X001001 0 %100 115 M204 X -5.124 -5.124 0 %100 116 M204 Z -2.958 -2.958 0 %100 117 M205 X -8.367 -8.367 0 %100 122 M208 Z -5.433 -5.433 0 %100 124 M203 X001001 0 %100 125 M204 X -5.124 -5.124 0 %100 126 M208 Z -5.433 -5.434 0 %100 127 M205 X -6.885 -6.885 0 %100 128 M201 X -6.885 -6.885 0 %100 129 M201 X -6.885 -6.885 0 %100 130 M201 X -6.885 -6.885 0 %100 131 M203 X001001 0 %100 132 M204 X -5.124 -5.124 0 %100 129 M201 X -6.885 -6.885 0 %100 120 M208 Z -5.433 -4.273 0 %100 120 M208 Z -5.433 -4.273 0 %100 121 M202 X -6.885 -6.885 0 %100 122 M209 Z -2.159 -9.159 0 %100 123 M201 X -7.402 -7.402 0 %100 124 M203 X -001001 0 %100 125 M204 X -5.124 -5.124 0 %100 126 M208 Z -5.433 -5.433 0 %100 127 M212 X -7.402 -7.402 0 %100 128 M204 X -5.124 -5.124 0 %100 129 M206 X -5.311 -5.311 0 %100 120 M208 Z -5.433 -5.433 0 %100 121 M209 X -5.311 -5.311 0 %100 122 M209 Z -2.159 -2.159 0 %100 123 M210 X -7.402 -7.402 0 %100 124 M210 X -7.402 -7.402 0 %100 125 M217 X -5.124 -5.124 0 %100 130 M218 X -5.433 -5.433 0 %100 131 M216 X -7.402 -7.402 0 %100 13							
91							
92   M183   Z   -3.692   -3.692   0   %100     94   M184   X   -1.388   0   %100     95   M185   X   -7.402   -7.402   0   %100     96   M185   X   -7.402   -7.402   0   %100     97   M186   X   -7.402   -7.402   0   %100     98   M186   X   -7.402   -7.402   0   %100     99   M187   X   -7.402   -7.402   0   %100     99   M187   X   -7.402   -7.402   0   %100     100   M187   X   -7.402   -7.402   0   %100     101   M188   X   -7.402   -7.402   0   %100     102   M188   X   -7.402   -7.402   0   %100     103   M189   X   -7.402   -7.402   0   %100     104   M189   X   -7.402   -7.402   0   %100     105   M28   X   -9.41   -9.41   0   %100     106   M28   Z   -5.433   -5.433   0   %100     108   M28   X   -9.41   -9.41   0   %100     109   M201   X   -6.685   -6.685   0   %100     109   M201   X   -6.685   -6.685   0   %100     111   M202   X   -6.685   -6.685   0   %100     112   M202   X   -5.433   -3.859   0   %100     113   M203   X   -0.017   -0.0077   0   %100     116   M204   X   -5.124   -5.124   0   %100     117   M205   X   -8.367   -8.367   0   %100     120   M208   Z   -5.431   -5.124   0   %100     121   M202   X   -6.685   -6.685   0   %100     112   M203   X   -0.0077   -0.0077   0   %100     114   M203   X   -0.017   -0.0077   0   %100     115   M204   X   -5.124   -5.124   0   %100     120   M208   Z   -5.331   -5.331   0   %100     121   M202   X   -8.687   -8.867   0   %100     122   M209   Z   -2.159   -2.159   0   %100     124   M210   Z   -2.159   -2.159   0   %100     125   M211   X   -7.402   -7.402   0   %100     126   M212   X   -7.402   -7.402   0   %100     127   M212   X   -7.402   -7.402   0   %100     128   M210   X   -7.402   -7.402   0   %100     129   M201   X   -7.402   -7.402   0   %100     120   M208   Z   -5.331   -5.331   0   %100     121   M205   X   -8.367   -8.367   0   %100     122   M209   Z   -2.159   -2.159   0   %100     123   M216   X   -7.402   -7.402   0   %100     124   M210   X   -7.402   -7.402   0   %100     125   M211   X   -7.402   -7.402   0   %100							
93			<u>X</u>				
94         M184         Z        79        79         0         %100           95         M185         X         -7.402         -7.402         0         %100           97         M186         X         -7.402         -7.402         0         %100           98         M186         Z         -4.273         -4.273         0         %100           99         M187         X         -7.402         -7.402         0         %100           100         M187         Z         -4.273         -4.273         0         %100           101         M188         X         -7.402         -7.402         0         %100           101         M188         X         -7.402         -7.402         0         %100           102         M188         Z         -4.273         -4.273         0         %100           103         M189         X         -7.402         -7.402         0         %100           104         M189         X         -7.402         -7.402         0         %100           105         M192         X         -4.273         -4.273         0         %100							
95							
96         M185         Z         -4.273         -4.273         0         %100           98         M186         X         -7.402         -7.402         0         %100           98         M186         Z         -4.273         -4.273         0         %100           100         M187         X         -7.402         -7.402         0         %100           100         M187         Z         -4.273         -4.273         0         %100           101         M188         X         -7.402         -7.402         0         %100           101         M188         X         -7.402         -7.402         0         %100           103         M189         X         -7.402         -7.402         0         %100           104         M189         Z         -4.273         4.273         0         %100           105         M28         X         -9.41         -9.41         0         %100           105         M28         X         -9.41         -9.41         0         %100           107         M28         X         -9.41         -9.41         0         %100							
97   M186   X   -7.402   -7.402   0   %100     98   M186   Z   -4.273   -4.273   0   %100     99   M187   X   -7.402   -7.402   0   %100     100   M187   Z   -4.273   -4.273   0   %100     101   M188   X   -7.402   -7.402   0   %100     102   M188   Z   -4.273   -4.273   0   %100     103   M189   X   -7.402   -7.402   0   %100     104   M189   X   -7.402   -7.402   0   %100     105   MP28   X   -9.41   -9.41   0   %100     106   MP28   X   -9.41   -9.41   0   %100     107   MP38   X   -9.41   -9.41   0   %100     108   MP38   Z   -5.433   -5.433   0   %100     109   M201   X   -6.685   -6.685   0   %100     110   M201   Z   -3.859   -3.859   0   %100     111   M202   X   -6.685   -6.685   0   %100     112   M202   Z   -3.859   -3.859   0   %100     113   M203   X   -0.001   -0.001   0   %100     115   M204   X   -5.124   -5.124   0   %100     116   M204   Z   -2.958   -2.958   0   %100     117   M205   Z   -4.831   -4.831   0   %100     118   M204   X   -5.124   -5.124   0   %100     119   M208   Z   -5.311   -5.311   0   %100     120   M208   Z   -5.311   -5.311   0   %100     121   M209   X   -3.74   -3.74   0   %100     122   M208   Z   -5.311   -5.311   0   %100     123   M210   X   -3.74   -3.74   0   %100     124   M209   X   -3.74   -3.74   0   %100     125   M211   X   -7.402   -7.402   0   %100     126   M211   Z   -4.273   -4.273   0   %100     127   M212   X   -7.402   -7.402   0   %100     128   M212   Z   -4.273   -4.273   0   %100     129   MP1C   X   -9.41   -9.41   0   %100     129   MP1C   X   -9.41   -9.41   0   %100     131   M216   X   -0.0077   0   0   %100     132   M210   X   -3.74   -3.74   0   %100     123   M210   X   -3.74   -3.74   0   %100     124   M210   Z   -2.159   -2.159   0   %100     125   M211   X   -7.402   -7.402   0   %100     126   M211   Z   -4.273   -4.273   0   %100     131   M216   X   -9.41   -9.41   0   %100     133   M217   X   -5.124   -5.124   0   %100     134   M217   Z   -2.858   -2.958   0   %100     135   M217   X   -5.124   -5.124   0   %100     136   M21							
98         M186         Z         -4.273         -4.273         0         %100           199         M187         X         -7.402         -7.402         0         %100           100         M187         Z         -4.273         -4.273         0         %100           101         M188         X         -7.402         -7.402         0         %100           102         M188         X         -7.402         -7.402         0         %100           103         M189         X         -7.402         -7.402         0         %100           104         M189         X         -7.402         -7.402         0         %100           105         MP2B         X         -9.41         -9.41         0         %100           106         MP2B         Z         -5.433         -5.433         0         %100           109         M201         X         -6.685         -6.685         0         %100           110         M201         X         -6.685         -6.685         0         %100           111         M202         X         -6.685         -6.685         0         %100 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>							
99			X		-7.402		
100							
101							
102							
103			X 7				
104         M89         Z         -4.273         -4.273         0         %100           105         MP2B         X         -9.41         -9.41         0         %100           106         MP2B         Z         -5.433         -5.433         0         %100           107         MP3B         X         -9.41         -9.41         0         %100           108         MP3B         Z         -5.433         -5.433         0         %100           109         M201         X         -6.685         -6.685         0         %100           110         M201         Z         -3.859         -3.859         0         %100           111         M202         X         -6.685         -6.685         0         %100           111         M202         X         -6.685         -6.685         0         %100           113         M203         X         -001         -001         0         %100           114         M203         X         -001         -001         0         %100           114         M203         X         -5.124         -5.124         0         %100							
105   MP2B   X							
106         MP2B         Z         -5.433         -5.433         0         %100           107         MP3B         X         -9.41         -9.41         0         %100           108         MP3B         Z         -5.433         0         %100           109         M201         X         -6.685         -6.685         0         %100           110         M201         Z         -3.859         -3.859         0         %100           111         M202         Z         -3.859         -3.859         0         %100           112         M202         Z         -3.859         -3.859         0         %100           113         M203         X         -001         -001         0         %100           114         M203         X         -001         -001         0         %100           114         M203         X         -5.124         -5.124         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117							
107         MP3B         X         -9.41         -9.41         0         %100           108         MP3B         Z         -5.433         -5.433         0         %100           109         M201         X         -6.685         -6.685         0         %100           110         M201         Z         -3.859         -3.859         0         %100           111         M202         X         -6.685         -6.685         0         %100           112         M202         Z         -3.859         0         %100           113         M203         X        001        001         0         %100           114         M203         Z        00077        00077         0         %100           114         M203         Z        00077        00077         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         X         -8.367         -8.367         0         %100           120 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
108         MP3B         Z         -5.433         -5.433         0         %100           109         M201         X         -6.685         -6.685         0         %100           110         M201         Z         -3.859         -3.859         0         %100           111         M202         X         -6.685         -6.685         0         %100           112         M202         Z         -3.859         -3.859         0         %100           113         M203         X        001        001         0         %100           114         M203         Z        00077        00077         0         %100           115         M204         X         -5.124         -5.124         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100							
109   M201   X			X 7				
110         M201         Z         -3.859         -3.859         0         %100           111         M202         X         -6.685         0         %100           112         M202         Z         -3.859         -3.859         0         %100           113         M203         X        001        001         0         %100           114         M203         Z        00077        00077         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122							
111         M202         X         -6.685         -6.685         0         %100           112         M202         Z         -3.859         -3.859         0         %100           113         M203         X        001        001         0         %100           114         M203         Z        00077        00077         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
112         M202         Z         -3.859         -3.859         0         %100           113         M203         X        001        001         0         %100           114         M203         Z        00077        00077         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
113         M203         X        001        001         0         %100           114         M203         Z        00077        00077         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100	111		7				
114         M203         Z        00077        00077         0         %100           115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
115         M204         X         -5.124         -5.124         0         %100           116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100							
116         M204         Z         -2.958         -2.958         0         %100           117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           125         M211         X         -7.402         -7.402         0         %100           128         M212         X         -7.402         -7.402         0         %100							
117         M205         X         -8.367         -8.367         0         %100           118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100							
118         M205         Z         -4.831         -4.831         0         %100           119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100							
119         M208         X         -9.199         -9.199         0         %100           120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100							
120         M208         Z         -5.311         -5.311         0         %100           121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           132         M216         X        001        001         0         %100							
121         M209         X         -3.74         -3.74         0         %100           122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        0007        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100			_				
122         M209         Z         -2.159         -2.159         0         %100           123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           134         M217         Z         -2.958         -2.958         0         %100							
123         M210         X         -3.74         -3.74         0         %100           124         M210         Z         -2.159         0         %100           125         M211         X         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100			7				
124         M210         Z         -2.159         -2.159         0         %100           125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           135         M218         X         -8.367         -8.367         0         %100							
125         M211         X         -7.402         -7.402         0         %100           126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100							
126         M211         Z         -4.273         -4.273         0         %100           127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100							
127         M212         X         -7.402         -7.402         0         %100           128         M212         Z         -4.273         -4.273         0         %100           129         MP1C         X         -9.41         -9.41         0         %100           130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100							
128       M212       Z       -4.273       0       %100         129       MP1C       X       -9.41       0       %100         130       MP1C       Z       -5.433       0       %100         131       M216       X      001       0       %100         132       M216       Z      00077      00077       0       %100         133       M217       X       -5.124       -5.124       0       %100         134       M217       Z       -2.958       -2.958       0       %100         135       M218       X       -8.367       -8.367       0       %100							
129       MP1C       X       -9.41       -9.41       0       %100         130       MP1C       Z       -5.433       -5.433       0       %100         131       M216       X      001      001       0       %100         132       M216       Z      00077      00077       0       %100         133       M217       X       -5.124       -5.124       0       %100         134       M217       Z       -2.958       -2.958       0       %100         135       M218       X       -8.367       -8.367       0       %100			7				
130         MP1C         Z         -5.433         -5.433         0         %100           131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100							
131         M216         X        001        001         0         %100           132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100			7				
132         M216         Z        00077        00077         0         %100           133         M217         X         -5.124         -5.124         0         %100           134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100							
133     M217     X     -5.124     -5.124     0     %100       134     M217     Z     -2.958     -2.958     0     %100       135     M218     X     -8.367     -8.367     0     %100			7				
134         M217         Z         -2.958         -2.958         0         %100           135         M218         X         -8.367         -8.367         0         %100							
135 M218 X -8.367 -8.367 0 %100							

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
137	M219	X	-12.566	-12.566	0	%100
138	M219	Z	-7.255	-7.255	0	%100
139	M220	X	614	614	0	%100
140	M220	Z	354	354	0	%100
141	M221	X	-12.566	-12.566	0	%100
142	M221	Z	-7.255	-7.255	0	%100
143	M222	X	614	614	0	%100
144	M222	Z	354	354	0	%100
145	M223	X	-6.394	-6.394	0	%100
146	M223	Z	-3.692	-3.692	0	%100
147	M224	X	-1.549	-1.549	0	%100
148	M224	Z	894	894	0	%100 %100
149	M225	X	-7.402	-7.402	0	%100
150	M225	Z	-4.273	-4.273	0	%100 %100
151	M226	X	-7.402	-7.402	0	%100
152	M226	Z	-4.273	-4.273	0	%100 %100
153	M227	X	-7.402	-7.402	0	%100 %100
154	M227	Z	-4.273	-4.273	0	%100 %100
155	M228	X	-7.402	-7.402	0	%100 %100
156	M228	Z	-4.273	-4.273	0	%100 %100
157	M229	X	-7.402	-7.402	0	%100 %100
158	M229	Z	-4.273	-4.273	0	%100 %100
159	MP2C	X	-9.41	-9.41	0	%100 %100
160	MP2C	Z	-5.433	-5.433	0	%100 %100
161	MP3C	X	-9.41	-9.41	0	%100 %100
162	MP3C	Z	-5.433	-5.433	0	%100 %100
163	M121	X	-5.093	-5.093	0	%100 %100
164	M121	Z	-2.94	-2.94	0	%100 %100
165	M122A	X	-8.595	-8.595	0	%100 %100
166	M122A	Z	-4.962	-4.962	0	%100 %100
167	M123A	X	325	325	0	%100 %100
168	M123A	Z	187	187	0	%100 %100
169	M124A	X	-5.093	-5.093	0	%100 %100
170	M124A	Z	-2.94	-2.94	0	%100 %100
171	M125A	X	-8.595	-8.595	0	%100 %100
172	M125A	Z	-4.962	-4.962	0	%100 %100
173	M126A	X	325	325	0	%100 %100
174	M126A	Z	187	187	0	%100 %100
175	OVP1	X	-9.41	<u>107</u> -9.41	0	%100 %100
176	OVP1	Z	-5.433	-5.433	0	%100 %100
177	OVP1	X	-9.41	<u>-5.455</u> -9.41	0	%100 %100
178	OVP2	Z	-5.433	-5.433	0	%100 %100
179	M133	X	-3.206	-3.206	0	%100 %100
180	M133	Z	-1.851	-3.200 -1.851	0	%100 %100
181	M137		-7.526	-7.526	0	%100 %100
182	M137	X Z	-4.345	-4.345	0	%100 %100
183	M141	X	-7.526	- <del>-4.545</del> -7.526	0	%100 %100
184	M141	Z	-4.345	-4.345	0	%100 %100
185	M148	X	-4.345	<del>-4.345</del> -10.453	0	%100 %100
186	M148	Z	-6.035	-6.035	0	%100 %100
187	M149	X	-6.035 -4.619	-6.035 -4.619	0	%100 %100
188	M149	Z	-4.619	-4.619 -2.667	0	%100 %100
189		X			0	%100 %100
190	M150 M150	Z	-1.871	-1.871 -1.08		%100 %100
			-1.08		0	
191	M151	X Z	-1.107	-1.107		%100 %100
192	M151		639	639 7.042	0	%100 %100
193	M152	X	-7.943	-7.943	0	%100

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Company Designer Job Number Model Name

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	-4.586	-4.586	0	%100
195	M153	X	-5.099	-5.099	0	%100
196	M153	Z	-2.944	-2.944	0	%100
197	M151A	X	-3.206	-3.206	0	%100
198	M151A	Z	-1.851	-1.851	0	%100
199	M152A	X	-3.018	-3.018	0	%100
200	M152A	Z	-1.742	-1.742	0	%100
201	M153A	X	-5.752	-5.752	0	%100
202	M153A	Z	-3.321	-3.321	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	-4.933	-4.933	0	%100
2	M109	Z	-8.544	-8.544	0	%100
3	M110	X	-4.933	-4.933	0	%100
4	M110	Z	-8.544	-8.544	0	%100
5	M116	X	-4.378	-4.378	0	%100
6	M116	Z	-7.582	-7.582	0	%100
7	M117	Х	-3.781	-3.781	0	%100
8	M117	Z	-6.549	-6.549	0	%100
9	M118	Х	13	13	0	%100
10	M118	Z	226	226	0	%100
11	M124	Х	-5.311	-5.311	0	%100
12	M124	Z	-9.199	-9.199	0	%100
13	M125	X	-2.613	-2.613	0	%100
14	M125	Z	-4.526	-4.526	0	%100
15	M126	X	-2.613	-2.613	0	%100
16	M126	Z	-4.526	-4.526	0	%100
17	M127	X	-4.273	-4.273	0	%100
18	M127	Z	-7.402	-7.402	0	%100
19	M128	X	-4.273	-4.273	0	%100
20	M128	Ž	-7.402	-7.402	0	%100
21	MP1A	X	-5.433	-5.433	0	%100
22	MP1A	Z	-9.41	-9.41	0	%100
23	M18	X	-4.378	-4.378	0	%100
24	M18	Z	-7.582	-7.582	0	%100
25	M19	X	-3.781	-3.781	0	%100
26	M19	X Z	-6.549	-6.549	0	%100
27	M20	X	13	13	0	%100
28	M20	Z	226	226	0	%100 %100
29	M21	X	-8.551	-8.551	0	%100
30	M21	Z	-14.81	-14.81	0	%100 %100
31	M22	X	429	429	0	%100 %100
32	M22	Z	743	743	0	%100 %100
33	M21A	X	-8.551	-8.551	0	%100
34	M21A	Z	-14.81	-14.81	0	%100 %100
35	M23	X	429	429	0	%100 %100
36	M23	Z	743	743	0	%100 %100
37	M23A	X	-3.692	-3.692	0	%100 %100
38	M23A	Z	-6.394	-6.394	0	%100 %100
39	M24	X	-0.394	-0.394 931	0	%100 %100
40	M24	Z	-1.613	-1.613	0	%100 %100
41	M25	X	-4.273	-4.273	0	%100 %100
42	M25	Z	-4.273 -7.402	- <del>7.402</del>	0	%100 %100
43	M26	X	-7.402 -4.273	-7.402 -4.273	0	%100 %100
44		Z	7.400			
44	M26		-7.402	-7.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
45	M27	X	-4.273	-4.273	0	%100
46	M27	Z	-7.402	-7.402	0	%100
47	M28	Χ	-4.273	-4.273	0	%100
48	M28	Z	-7.402	-7.402	0	%100
49	M29	X	-4.273	-4.273	0	%100
50	M29	Z	-7.402	-7.402	0	%100
51	MP2A	X	-5.433	-5.433	0	%100
52	MP2A	Z	-9.41	-9.41	0	%100
53	MP3A	X	-5.433	-5.433	0	%100
54	MP3A	Z	-9.41	-9.41	0	%100
55	M161	X	-6.379	-6.379	0	%100
56	M161	Z	-11.048	-11.048	0	%100
57	M162	X	-6.379	-6.379	0	%100
58	M162	Z	-11.048	-11.048	0	%100
59	M163	X	-2.875	-2.875	0	%100
60	M163	Z	-4.979	-4.979	0	%100
61	M164	X	-4.889	-4.889	0	%100
62	M164	Z	-8.468	-8.468	0	%100 %100
63	M165	X	-1.197	-1.197	0	%100
64	M165	Z	-2.074	-2.074	0	%100 %100
65	M168	X	-5.311	-5.311	0	%100 %100
66	M168	Z	-9.199	-9.199	0	%100 %100
67	M169	X	055	055	0	%100 %100
68	M169	Z	095	095	0	%100 %100
69	M170	X	055	055	0	%100 %100
70	M170	Z	095	095	0	%100 %100
71	M171	X	-4.273	-4.273	0	%100 %100
72	M171	Z	-4.273 -7.402		0	%100 %100
73	M172	X		-7.402 -4.273	0	%100 %100
	M172	Z	-4.273			
74			-7.402	<u>-7.402</u>	0	%100
75	MP1B	X	-5.433	-5.433	0	%100
76	MP1B	Z	-9.41	-9.41	0	%100
77	M176	X	-2.875	-2.875	0	%100
78	M176	Z	-4.979	-4.979	0	%100
79	M177	X	-4.889	-4.889	0	%100
80	M177	Z	-8.468	-8.468	0	%100
81	M178	X	-1.197	-1.197	0	%100
82	M178	Z	-2.074	-2.074	0	%100
83	M179	X	-1.202	-1.202	0	%100
84	M179	Z	-2.081	-2.081	0	%100
85	M180	X	009	009	0	%100
86	M180	Z	016	016	0	%100
87	M181	Χ	-1.202	-1.202	0	%100
88	M181	Z	-2.081	-2.081	0	%100
89	M182	X	009	009	0	%100
90	M182	Z	016	016	0	%100
91	M183	X	-3.692	-3.692	0	%100
92	M183	Z	-6.394	-6.394	0	%100
93	M184	X	723	723	0	%100
94	M184	Z	-1.252	-1.252	0	%100
95	M185	X	-4.273	-4.273	0	%100
96	M185	Z	-7.402	-7.402	0	%100
97	M186	X	-4.273	-4.273	0	%100
98	M186	Z	-7.402	-7.402	0	%100 %100
99	M187	X	-4.273	-4.273	0	%100 %100
100	M187	Z	-7.402	-7.402	0	%100 %100
101	M188	X	-4.273	-4.273	0	%100 %100
	141 100		-T.Z.I U	-7.410		/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
102	M188	Z	-7.402	-7.402	0	%100
103	M189	X	-4.273	-4.273	0	%100
104	M189	Z	-7.402	-7.402	0	%100
105	MP2B	Χ	-5.433	-5.433	0	%100
106	MP2B	Z	-9.41	-9.41	0	%100
107	MP3B	X	-5.433	-5.433	0	%100
108	MP3B	Z	-9.41	-9.41	0	%100
109	M201	X	769	769	0	%100
110	M201	Z	-1.333	-1.333	0	%100
111	M202	X	769	769	0	%100
112	M202	Z	-1.333	-1.333	0	%100
113	M203	X	-1.305	-1.305	0	%100
114	M203	Z	-2.26	-2.26	0	%100
115	M204	X	59	59	0	%100
116	M204	Z	-1.021	-1.021	0	%100
117	M205	X	-4.457	-4.457	0	%100
118	M205	Z	-7.72	-7.72	0	%100
119	M208	X	-5.311	-5.311	0	%100
120	M208	Z	-9.199	-9.199	0	%100
121	M209	X	-4.615	-4.615	0	%100
122	M209	Z	-7.994	-7.994	0	%100
123	M210	Х	-4.615	-4.615	0	%100
124	M210	Z	-7.994	-7.994	0	%100
125	M211	Х	-4.273	-4.273	0	%100
126	M211	Z	-7.402	-7.402	0	%100
127	M212	X	-4.273	-4.273	0	%100
128	M212	Z	-7.402	-7.402	0	%100
129	MP1C	X	-5.433	-5.433	0	%100
130	MP1C	Z	-9.41	-9.41	0	%100
131	M216	X	-1.305	-1.305	0	%100
132	M216	Z	-2.26	-2.26	0	%100
133	M217	X	59	59	0	%100
134	M217	Z	-1.021	-1.021	0	%100 %100
135	M218	X	-4.457	-4.457	0	%100
136	M218	Z	-7.72	-7.72	0	%100 %100
137	M219	X	-14.267	-14.267	0	%100
138	M219	Z	-24.712	-24.712	0	%100 %100
139	M220	X	757	757	0	%100 %100
140	M220	Z	-1.312	-1.312	0	%100 %100
141	M221	X	-14.267	-14.267	0	%100 %100
142	M221	Z	-24.712	-24.712	0	%100 %100
143	M222	X	757	757	0	%100 %100
144	M222	Z	-1.312	-1.312	0	%100 %100
145	M223	X	-3.692	-3.692	0	%100 %100
146	M223	Z	-6.394	-6.394	0	%100 %100
147	M224	X	-1.094	-0.59 <del>4</del> -1.094	0	%100 %100
148	M224	Z	-1.895	-1.895	0	%100 %100
149	M225	X	-4.273	-1.695 -4.273	0	%100 %100
150	M225	Z	-4.273 -7.402	-4.273 -7.402	0	%100 %100
151	M226	X	-7.402 -4.273	-7.402 -4.273	0	%100 %100
	M226	Z			0	
152			-7.402 4.272	<u>-7.402</u>		%100 %100
153	M227	X Z	-4.273	<u>-4.273</u>	0	%100
154	M227		-7.402 4.272	<u>-7.402</u>	0	%100 %100
155	M228	X	-4.273	-4.273	0	%100
156	M228	Z	-7.402	<u>-7.402</u>	0	%100
157	M229	X	-4.273	-4.273	0	%100
158	M229	Z	-7.402	-7.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
159	MP2C	X	-5.433	-5.433	0	%100
160	MP2C	Z	-9.41	-9.41	0	%100
161	MP3C	X	-5.433	-5.433	0	%100
162	MP3C	Z	-9.41	-9.41	0	%100
163	M121	Х	484	484	0	%100
164	M121	Z	838	838	0	%100
165	M122A	Х	-5.163	-5.163	0	%100
166	M122A	Z	-8.943	-8.943	0	%100
167	M123A	Х	-2.311	-2.311	0	%100
168	M123A	Z	-4.002	-4.002	0	%100
169	M124A	Х	484	484	0	%100
170	M124A	Z	838	838	0	%100
171	M125A	Х	-5.163	-5.163	0	%100
172	M125A	Z	-8.943	-8.943	0	%100
173	M126A	Х	-2.311	-2.311	0	%100
174	M126A	Z	-4.002	-4.002	0	%100
175	OVP1	Х	-5.433	-5.433	0	%100
176	OVP1	Z	-9.41	-9.41	0	%100
177	OVP2	Х	-5.433	-5.433	0	%100
178	OVP2	Z	-9.41	-9.41	0	%100
179	M133	X	-5.554	-5.554	0	%100
180	M133	Z	-9.619	-9.619	0	%100
181	M137	Х	-7.182	-7.182	0	%100
182	M137	Z	-12.439	-12.439	0	%100
183	M141	X	866	866	0	%100
184	M141	Z	-1.5	-1.5	0	%100
185	M148	Х	-3.234	-3.234	0	%100
186	M148	Z	-5.602	-5.602	0	%100
187	M149	X	-5.699	-5.699	0	%100
188	M149	Z	-9.871	-9.871	0	%100
189	M150	Х	068	068	0	%100
190	M150	Z	118	118	0	%100
191	M151	Х	-3.193	-3.193	0	%100
192	M151	Z	-5.531	-5.531	0	%100
193	M152	Х	-5.358	-5.358	0	%100
194	M152	Z	-9.281	-9.281	0	%100
195	M153	X	486	486	0	%100
196	M153	Z	841	841	0	%100
197	M151A	X	-3.873	-3.873	0	%100
198	M151A	Z	-6.709	-6.709	0	%100
199	M152A	X	-3.803	-3.803	0	%100
200	M152A	Z	-6.586	-6.586	0	%100
201	M153A	Х	-1.149	-1.149	0	%100
202	M153A	Z	-1.99	-1.99	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	-3.717	-3.717	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	-3.717	-3.717	0	%100
5	M116	X	0	0	0	%100
6	M116	Z	-1.062	-1.062	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	-2.685	-2.685	0	%100
9	M118	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
10	M118	Z	-1.062	-1.062	0	%100
11	M124	X	0	0	0	%100
12	M124	Z	-3.117	-3.117	0	%100
13	M125	X	0	0	0	%100
14	M125	Z	205	205	0	%100
15	M126	X	0	0	0	%100
16	M126	Z	205	205	0	%100
17	M127	X	0	0	0	%100
18	M127	Z	-2.656	-2.656	0	%100
19	M128	X	0	0	0	%100
20	M128	Z	-2.656	-2.656	0	%100
21	MP1A	X	0	0	0	%100
22	MP1A	Z	-3.356	-3.356	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.062	-1.062	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	-2.685	-2.685	0	%100
27	M20	X	0	0	0	%100
28	M20	Z	-1.062	-1.062	0	%100
29	M21	X	0	0	0	%100
30	M21	Z	-1.617	-1.617	0	%100
31	M22	X	0	0	0	%100
32	M22	Z	083	083	0	%100
33	M21A	X	0	0	0	%100
34	M21A	Z	-1.617	-1.617	0	%100
35	M23	X	0	0	0	%100
36	M23	Z	083	083	0	%100
37	M23A	X	0	0	0	%100
38	M23A	Z	-2.566	-2.566	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	-1.241	-1.241	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-2.656	-2.656	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	-2.656	-2.656	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	-2.656	-2.656	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	-2.656	-2.656	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	-2.656	-2.656	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-3.356	-3.356	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-3.356	-3.356	0	%100
55	M161	X	0	0	0	%100
56	M161	Z	-3.282	-3.282	0	%100
57	M162	X	0	0	0	%100
58	M162	Z	-3.282	-3.282	0	%100
59	M163	X	0	0	0	%100
60	M163	Z	289	289	0	%100
61	M164	X	0	0	0	%100
62	M164	Z	-2.371	-2.371	0	%100
63	M165	X	0	0	0	%100
64	M165	Z	-1.958	-1.958	0	%100
65	M168	X	0	0	0	%100
66	M168	Z	-3.117	-3.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
67	M169	X	0	0	0	%100
68	M169	Z	-1.052	-1.052	0	%100
69	M170	X	0	0	0	%100
70	M170	Z	-1.052	-1.052	0	%100
71	M171	X	0	0	0	%100
72	M171	Z	-2.656	-2.656	0	%100 %100
73	M172	X	0	0	0	%100 %100
74	M172	Z	-2.656	-2.656	0	%100 %100
75	MP1B	X	0	0	0	%100 %100
76	MP1B	Z	-3.356	-3.356	0	%100 %100
77	M176	X	0	0	0	%100 %100
78	M176	Z	289	289	0	%100 %100
79	M177	X	<u>2</u> 69	<u>269</u> 0	0	
	M177	Z	-2.371	-2.371		%100 %100
80					0	
81	M178	X Z	0	0	0	%100
82	M178		-1.958	-1.958	0	%100
83	M179	X	0	0	0	%100
84	M179	Z	-2.849	-2.849	0	%100
85	M180	X	0	0	0	%100
86	M180	Z	424	424	0	%100
87	M181	X	0	0	0	%100
88	M181	Z	-2.849	-2.849	0	%100
89	M182	X	0	0	0	%100
90	M182	Z	424	424	0	%100
91	M183	X	0	0	0	%100
92	M183	Z	-2.566	-2.566	0	%100
93	M184	X	0	0	0	%100
94	M184	Z	-1.437	-1.437	0	%100
95	M185	X	0	0	0	%100
96	M185	Z	-2.656	-2.656	0	%100
97	M186	X	0	0	0	%100
98	M186	Z	-2.656	-2.656	0	%100
99	M187	Х	0	0	0	%100
100	M187	Z	-2.656	-2.656	0	%100
101	M188	X	0	0	0	%100
102	M188	Z	-2.656	-2.656	0	%100
103	M189	X	0	0	0	%100
104	M189	Z	-2.656	-2.656	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-3.356	-3.356	0	%100
107	MP3B	X	0.000	0	0	%100 %100
108	MP3B	Z	-3.356	-3.356	0	%100 %100
109	M201	X	0	0	0	%100 %100
110	M201	Z	112	112	0	%100 %100
111	M202	X	0	0	0	%100 %100
112	M202	7	112	112	0	%100 %100
113	M203	X	112	<u>112</u> 0	0	%100 %100
114	M203	Z	-2.015	-2.015	0	%100 %100
115	M204	X	-2.015 0	<u>-2.015</u> 0	0	%100 %100
						%100 %100
116	M204	Z	081	081	0	
117	M205	X	0	0	0	%100
118	M205	Z	-1.127	-1.127	0	%100 %100
119	M208	X	0	0	0	%100
120	M208	Z	-3.117	-3.117	0	%100
121	M209	X	0	0	0	%100
122	M209	Z	-2.971	-2.971	0	%100
123	M210	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
124	M210	Z	-2.971	-2.971	0	%100
125	M211	X	0	0	0	%100
126	M211	Z	-2.656	-2.656	0	%100
127	M212	X	0	0	0	%100
128	M212	Z	-2.656	-2.656	0	%100
129	MP1C	Х	0	0	0	%100
130	MP1C	Z	-3.356	-3.356	0	%100
131	M216	X	0	0	0	%100
132	M216	Z	-2.015	-2.015	0	%100
133	M217	X	0	0	0	%100
134	M217	Z	081	081	0	%100
135	M218	X	0	0	0	%100 %100
136	M218	Z	-1.127	-1.127	0	%100 %100
137	M219	X	0	0	0	%100 %100
138	M219	Z	-5.861	-5.861	0	%100 %100
139	M220	X	0	0	0	%100 %100
140	M220	Z	-1.197	-1.197	0	%100 %100
141	M221	X	-1.197	-1.197 0	0	%100 %100
141	M221	Z	-5.861	-5.861	0	%100 %100
143	M222	X	-5.001	-0.001 0	0	%100 %100
144	M222	Z	-1.197	-1.197	0	%100 %100
145	M223	X	0	<u>-1.197</u> 0	0	%100 %100
146	M223	Z	-2.566	-2.566	0	%100 %100
147	M224	X	-2.500	- <u>2.366</u> 0	0	%100 %100
148	M224	Z	-1.879	-1.879	0	%100 %100
	M225	X			0	%100 %100
149			0	0		
150	M225	Z X	-2.656	-2.656	0	%100 %100
151	M226	Z	0	0	0	%100 %100
152	M226		-2.656 0	-2.656	0	%100
153	M227 M227	X Z	•	0	0	%100 %100
154			-2.656	-2.656	0	%100 %100
155	M228 M228	X Z	0	0 -2.656	0	%100 %100
156	M229	X	-2.656 0		0	%100 %100
157 158	M229	Z	-	0	0	%100 %100
			-2.656 0	-2.656	0	
159	MP2C MP2C	X Z	-3.356	0 -3.356	0	%100 %100
160	MP3C	X	-3.330	-3.336 0	0	%100 %100
161 162	MP3C	Z	-3.356	-3.356	0	%100 %100
163	M121	X	0	0	0	%100 %100
164	M121	Z	161	<u>161</u>	0	%100 %100
165	M122A	X Z	0 -1.802	0 -1.802	0	%100 %100
166 167	M122A	X	-1.802	-1.80 <u>2</u> 0	0	%100 %100
168	M123A	Z	<u> </u>	<del>_</del>	0	%100 %100
	M123A		-2.99	<u>-2.99</u>		%100 %100
169	M124A	X Z	0	0	0	%100 %100
170	M124A M125A	X	161 0	<u>161</u> 0	0	%100 %100
171 172	M125A M125A	Z	-1.802	-1.802	0	%100 %100
173	M126A	X	-1.802	-1.802 0	0	%100 %100
		Z	-2.99	-2.99	0	
174	M126A					%100 %100
175	OVP1	X Z	0	0	0	%100 %100
176	OVP1		-3.356	-3.356	0	%100 %100
177	OVP2	X	0	0	0	%100 %100
178	OVP2	Z	-3.356	-3.356	0	%100 %100
179	M133	X	0	0	0	%100 %100
180	M133	Z	-4.167	-4.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
181	M137	X	0	0	0	%100 <sup>-</sup>
182	M137	Z	-3.679	-3.679	0	%100
183	M141	X	0	0	0	%100
184	M141	Z	126	126	0	%100
185	M148	X	0	0	0	%100
186	M148	Z	246	246	0	%100
187	M149	X	0	0	0	%100
188	M149	Z	-3.556	-3.556	0	%100
189	M150	X	0	0	0	%100
190	M150	Z	-1.264	-1.264	0	%100
191	M151	X	0	0	0	%100
192	M151	Z	-3.256	-3.256	0	%100
193	M152	X	0	0	0	%100
194	M152	Z	-2.155	-2.155	0	%100
195	M153	X	0	0	0	%100
196	M153	Z	16	16	0	%100
197	M151A	X	0	0	0	%100
198	M151A	Z	-2.91	-2.91	0	%100
199	M152A	X	0	0	0	%100
200	M152A	Z	-2.936	-2.936	0	%100
201	M153A	X	0	0	0	%100
202	M153A	Z	000804	000804	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	1.394	1.394	0	%100
2	M109	Z	-2.414	-2.414	0	%100
3	M110	X	1.394	1.394	0	%100
4	M110	Z	-2.414	-2.414	0	%100
5	M116	Х	.035	.035	0	%100
6	M116	Z	06	06	0	%100
7	M117	X	1.007	1.007	0	%100
8	M117	Z	-1.744	-1.744	0	%100
9	M118	X	1.159	1.159	0	%100
10	M118	Z	-2.007	-2.007	0	%100
11	M124	X	1.558	1.558	0	%100
12	M124	Z	-2.699	-2.699	0	%100
13	M125	X	.103	.103	0	%100
14	M125	Z	178	178	0	%100
15	M126	X	.103	.103	0	%100
16	M126	Z	178	178	0	%100
17	M127	X	1.328	1.328	0	%100
18	M127	Z	-2.3	-2.3	0	%100
19	M128	X	1.328	1.328	0	%100
20	M128	Z	-2.3	-2.3	0	%100
21	MP1A	X	1.678	1.678	0	%100
22	MP1A	Z	-2.907	-2.907	0	%100
23	M18	X	.035	.035	0	%100
24	M18	Z	06	06	0	%100
25	M19	X	1.007	1.007	0	%100
26	M19	Z	-1.744	-1.744	0	%100
27	M20	X	1.159	1.159	0	%100
28	M20	Z	-2.007	-2.007	0	%100
29	M21	X	.809	.809	0	%100
30	M21	Z	-1.401	-1.401	0	%100
31	M22	X	.041	.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
32	M22	Z	072	072	0	%100
33	M21A	X	.809	.809	0	%100
34	M21A	Z	-1.401	-1.401	0	%100
35	M23	Χ	.041	.041	0	%100
36	M23	Z	072	072	0	%100
37	M23A	X	1.283	1.283	0	%100
38	M23A	Z	-2.223	-2.223	0	%100
39	M24	X	.621	.621	0	%100
40	M24	Z	-1.075	-1.075	0	%100
41	M25	X	1.328	1.328	0	%100
42	M25	Z	-2.3	-2.3	0	%100
43	M26	X	1.328	1.328	0	%100
44	M26	Z	-2.3	-2.3	0	%100
45	M27	X	1.328	1.328	0	%100
46	M27	Z	-2.3	-2.3	0	%100
47	M28	X	1.328	1.328	0	%100
48	M28	Z	-2.3	-2.3	0	%100
49	M29	X	1.328	1.328	0	%100
50	M29	Z	-2.3	-2.3	0	%100
51	MP2A	X	1.678	1.678	0	%100
52	MP2A	Z	-2.907	-2.907	0	%100
53	MP3A	X	1.678	1.678	0	%100
54	MP3A	Z	-2.907	-2.907	0	%100
55	M161	Х	.768	.768	0	%100
56	M161	Z	-1.33	-1.33	0	%100
57	M162	X	.768	.768	0	%100
58	M162	Z	-1.33	-1.33	0	%100
59	M163	X	.046	.046	0	%100
60	M163	Z	079	079	0	%100
61	M164	X	.555	.555	0	%100
62	M164	Z	961	961	0	%100
63	M165	X	1.324	1.324	0	%100
64	M165	Z	-2.294	-2.294	0	%100
65	M168	X	1.558	1.558	0	%100
66	M168	Z	-2.699	-2.699	0	%100
67	M169	X	1.276	1.276	0	%100
68	M169	Z	-2.21	-2.21	0	%100 %100
69	M170	X	1.276	1.276	0	%100
70	M170	Z	-2.21	-2.21	0	%100 %100
71	M171	X	1.328	1.328	0	%100 %100
72	M171	Z	-2.3	-2.3	0	%100 %100
73	M172	X	1.328	1.328	0	%100 %100
74	M172	Z	-2.3	-2.3	0	%100 %100
75	MP1B	X	1.678	1.678	0	%100 %100
76	MP1B	Z	-2.907	-2.907	0	%100 %100
77	M176	X	.046	.046	0	%100 %100
78	M176	Z	079	079	0	%100 %100
79	M177	X	.555	.555	0	%100 %100
80	M177	Z	961	961	0	%100 %100
81	M178	X	1.324	1.324	0	%100 %100
82	M178	Z	-2.294	-2.294	0	%100 %100
83	M179	X	2.582	2.582	0	%100 %100
84	M179	Z	-4.472	<u>-4.472</u>	0	%100 %100
85	M180	X	.514	<u>-4.472</u> .514	0	%100 %100
86	M180	Z	89	89	0	%100 %100
87	M181	X	2.582	2.582	0	%100 %100
88	M181	Z	-4.472	-4.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
89	M182	X	.514	.514	0	%100
90	M182	Z	89	89	0	%100
91	M183	X	1.283	1.283	0	%100
92	M183	Z	-2.223	-2.223	0	%100
93	M184	X	.891	.891	0	%100
94	M184	Z	-1.544	-1.544	0	%100
95	M185	X	1.328	1.328	0	%100
96	M185	Z	-2.3	-2.3	0	%100
97	M186	X	1.328	1.328	0	%100
98	M186	Z	-2.3	-2.3	0	%100
99	M187	X	1.328	1.328	0	%100
100	M187	Z	-2.3	-2.3	0	%100
101	M188	Χ	1.328	1.328	0	%100
102	M188	Z	-2.3	-2.3	0	%100
103	M189	X	1.328	1.328	0	%100
104	M189	Z	-2.3	-2.3	0	%100
105	MP2B	X	1.678	1.678	0	%100
106	MP2B	Z	-2.907	-2.907	0	%100
107	MP3B	X	1.678	1.678	0	%100
108	MP3B	Z	-2.907	-2.907	0	%100
109	M201	X	.768	.768	0	%100
110	M201	Z	-1.33	-1.33	0	%100
111	M202	X	.768	.768	0	%100
112	M202	Z	-1.33	-1.33	0	%100
113	M203	X	1.324	1.324	0	%100
114	M203	Z	-2.294	-2.294	0	%100
115	M204	X	.555	.555	0	%100
116	M204	Z	961	961	0	%100
117	M205	X	.046	.046	0	%100
118	M205	Z	079	079	0	%100
119	M208	X	1.558	1.558	0	%100
120	M208	Z	-2.699	-2.699	0	%100
121	M209	X	.899	.899	0	%100
122	M209	Z	-1.557	-1.557	0	%100
123	M210	X	.899	.899	0	%100
124	M210	Z	-1.557	-1.557	0	%100
125	M211	X	1.328	1.328	0	%100
126	M211	Z	-2.3	-2.3	0	%100
127	M212	X	1.328	1.328	0	%100
128	M212	Z	-2.3	-2.3	0	%100
129	MP1C	X	1.678	1.678	0	%100
130	MP1C	Z	-2.907	-2.907	0	%100
131	M216	Χ	1.324	1.324	0	%100
132	M216	Z	-2.294	-2.294	0	%100
133	M217	X	.555	.555	0	%100
134	M217	Z	961	961	0	%100
135	M218	X	.046	.046	0	%100
136	M218	Z	079	079	0	%100
137	M219	Χ	2.03	2.03	0	%100
138	M219	Z	-3.517	-3.517	0	%100
139	M220	X	.362	.362	0	%100
140	M220	Z	627	627	0	%100
141	M221	X	2.03	2.03	0	%100
142	M221	Z	-3.517	-3.517	0	%100
143	M222	X	.362	.362	0	%100
144	M222	Z	627	627	0	%100
145	M223	X	1.283	1.283	0	%100

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: Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:40 PM Checked By:\_\_\_

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

146	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	.End Location[ft,
148					
149		<u> X</u>			
150   M225   Z					
151   M226   X					
152   M226   Z					
153   M227   X					
154   M227   Z				-2.3	
155   M228		<u>X</u>		1.328	
156					
157   M229   X					
158   M229   Z				-2.3	
159		<u> X</u>		1.328	
160					
161					
162					
163         M121         X         .77         .77         0         %100           164         M121         Z         -1.334         -1.334         0         %100           165         M122A         X         .145         .145         0         %100           166         M122A         Z         -252         -252         0         %100           167         M123A         X         1.62         1.62         0         %100           188         M123A         Z         -2.806         -2.806         0         %100           189         M124A         X         .77         .77         0         %100           170         M124A         X         .77         .77         0         %100           171         M125A         X         .145         .145         0         %100           171         M126A         X         .145         .145         0         %100           172         M126A         X         .162         .162         0         %100           173         M126A         X         .1678         .1678         0         %100           175					
164					
165		X			
166					
167					
188					
169		X 7			
170   M124A   Z					
171					
172         M126A         Z        252        252         0         %100           173         M126A         X         1.62         1.62         0         %100           174         M126A         Z         -2.806         -2.806         0         %100           175         OVP1         X         1.678         1.678         0         %100           176         OVP1         Z         -2.907         -2.907         0         %100           177         OVP2         X         1.678         1.678         0         %100           178         OVP2         Z         -2.907         -2.907         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100					
173         M126A         X         1.62         1.62         0         %100           174         M126A         Z         -2.806         -2.806         0         %100           175         OVP1         X         1.678         1.678         0         %100           176         OVP1         Z         -2.907         -2.907         0         %100           177         OVP2         X         1.678         1.678         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           185         M148         X         .123         .123         0         %100           186         M148         X         .123         .213         0         %100           188 <td></td> <td></td> <td></td> <td></td> <td></td>					
174         M126A         Z         -2.806         -2.806         0         %100           175         OVP1         X         1.678         1.678         0         %100           176         OVP1         Z         -2.907         -2.907         0         %100           177         OVP2         X         1.678         1.678         0         %100           178         OVP2         Z         -2.907         -2.907         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100				252	
175         OVP1         X         1.678         1.678         0         %100           176         OVP1         Z         -2.907         -2.907         0         %100           177         OVP2         X         1.678         1.678         0         %100           178         OVP2         Z         -2.907         -2.907         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           186         M148         X         .123         .123         0         %100           187         M149         X         1.076         1.076         0         %100           188		X 7			
176         OVP1         Z         -2.907         -2.907         0         %100           177         OVP2         X         1.678         1.678         0         %100           178         OVP2         Z         -2.907         -2.907         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         X         .861         .861         0         %100           185         M148         X         .123         .123         0         %100           186         M148         X         .123         .123         0         %100           187         M149         X         1.076         1.076         0         %100           188					
177         OVP2         X         1.678         1.678         0         %100           178         OVP2         Z         -2.907         -2.907         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z         -2.13         -2.13         0         %100           187         M149         X         1.076         1.076         0         %100           189         M150         X         1.532         1.532         0         %100           190 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
178         OVP2         Z         -2.907         -2.907         0         %100           179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         861         861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z         -213         -213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         X         1.076         1.076         0         %100           189         M150         X         1.532         0         %100           190         M151					
179         M133         X         1.563         1.563         0         %100           180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z        213        213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M151         X         1.481         1.481         0         %100           192 </td <td></td> <td>7</td> <td></td> <td></td> <td></td>		7			
180         M133         Z         -2.706         -2.706         0         %100           181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         X         .123         .213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151 <td></td> <td></td> <td></td> <td></td> <td></td>					
181         M137         X         .861         .861         0         %100           182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z        213        213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193					
182         M137         Z         -1.491         -1.491         0         %100           183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z         -213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152					
183         M141         X         .861         .861         0         %100           184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z        213        213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           196 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
184         M141         Z         -1.491         -1.491         0         %100           185         M148         X         .123         .123         0         %100           186         M148         Z        213        213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.663         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         X         .262         .262         0         %100           195         M153         X         .769         .769         0         %100           196 <td></td> <td></td> <td></td> <td></td> <td></td>					
185         M148         X         .123         .123         0         %100           186         M148         Z        213        213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z         -453        453         0         %100           195         M153         X         .769         .769         0         %100           197         M151A         X         .865         .865         0         %100           198					
186         M148         Z        213        213         0         %100           187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         X         .262         .262         0         %100           195         M153         X         .769         .769         0         %100           196         M153         X         .769         .1.332         0         %100           198         M151A         X         .865         .865         0         %100           199					
187         M149         X         1.076         1.076         0         %100           188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         X         .262         .262         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           199         M152A         X         .903         .903         0         %100           200 <td></td> <td></td> <td></td> <td></td> <td></td>					
188         M149         Z         -1.863         -1.863         0         %100           189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199					
189         M150         X         1.532         1.532         0         %100           190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M153A         X         .356         .356         0         %100					
190         M150         Z         -2.653         -2.653         0         %100           191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M153A         X         .356         .356         0         %100					
191         M151         X         1.481         1.481         0         %100           192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100					
192         M151         Z         -2.565         -2.565         0         %100           193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100					
193         M152         X         .262         .262         0         %100           194         M152         Z        453        453         0         %100           195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100					
194       M152       Z      453      453       0       %100         195       M153       X       .769       .769       0       %100         196       M153       Z       -1.332       -1.332       0       %100         197       M151A       X       .865       .865       0       %100         198       M151A       Z       -1.499       -1.499       0       %100         199       M152A       X       .903       .903       0       %100         200       M152A       Z       -1.564       -1.564       0       %100         201       M153A       X       .356       .356       0       %100					
195         M153         X         .769         .769         0         %100           196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100		7			
196         M153         Z         -1.332         -1.332         0         %100           197         M151A         X         .865         .865         0         %100           198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100					
197     M151A     X     .865     .865     0     %100       198     M151A     Z     -1.499     -1.499     0     %100       199     M152A     X     .903     .903     0     %100       200     M152A     Z     -1.564     -1.564     0     %100       201     M153A     X     .356     .356     0     %100		7			
198         M151A         Z         -1.499         -1.499         0         %100           199         M152A         X         .903         .903         0         %100           200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100					
199     M152A     X     .903     .903     0     %100       200     M152A     Z     -1.564     -1.564     0     %100       201     M153A     X     .356     .356     0     %100		7			
200         M152A         Z         -1.564         -1.564         0         %100           201         M153A         X         .356         .356         0         %100					
201 M153A X .356 .356 0 %100					

Maser Consulting

Project No. 10055829 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:40 PM Checked By:\_\_\_

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

2         M109         Z         -4665         -9 (Mode)           3         M110         X         .805         0         %10           4         M110         Z         -465         -465         0         %10           5         M116         X         .287         .287         0         %10           6         M116         Z         .166         -166         0         %10           7         M117         X         .581         .581         0         %10           8         M117         Z         .336         -336         0         %10           9         M118         X         2.234         2.234         0         %10           10         M118         X         2.234         2.234         0         %10           11         M124         X         2.699         2.699         0         %10           11         M124         X         2.699         2.699         0         %10           13         M125         X         1.326         1.326         0         %10           14         M125         X         1.326         1.326         0<		Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
3         M110         X         805         .805         0         %10           5         M116         X         287         .287         0         %10           6         M116         X         287         .287         0         %10           6         M116         X         .283         .386         0         %10           7         M117         X         .581         .581         0         %10           8         M117         Z         .336         .336         0         %10           9         M118         X         2.234         0         %10           10         M18         Z         -1.29         -1.29         0         %10           10         M118         Z         -1.29         -1.29         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         X         -1.558         -1.558         -1.558         0         %10           12         M124         Z         -1.568         -1.326         0         %10           14         M125         Z	1	M109	X	.805	.805	0	%100
4         M110         Z         -465         9410           5         M116         X         287         0         %10           6         M116         Z         -166         -166         0         %10           7         M117         X         581         .581         0         %10           8         M117         Z         -336         0         %10           9         M118         X         2.234         2.234         0         %10           10         M118         X         2.234         2.234         0         %10           11         M124         X         2.699         2.699         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         Z         -1,558         1.558         0         %10           13         M125         X         1,326         1.326         0         %10           15         M126         X         1,326         1.326         0         %10           15         M126         X         1,328         -1.328         0         %10 </td <td></td> <td></td> <td>Z</td> <td></td> <td>465</td> <td></td> <td></td>			Z		465		
5         M116         X         287         2.87         0         %10           6         M116         Z         -166         -166         0         %10           7         M117         X         581         .581         0         %10           8         M117         Z         -336         -336         0         %10           9         M118         X         2.234         0         %10           10         M18         Z         -1.29         -1.29         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         Z         -1.558         -1.558         0         %10           12         M124         Z         -1.558         -1.558         0         %10           14         M125         X         -1.326         1.326         0         %10           14         M126         X         1.326         1.326         0         %10           15         M126         X         1.328         1.328         0         %10           17         M127         X         2.3<			X		.805		
6         M116         Z         -166         -361         0         %10           7         M117         X         581         -336         0         %10           8         M117         Z         -336         -336         0         %10           9         M118         X         2.234         2.234         0         %10           10         M118         Z         -1.29         -1.29         0         %10           11         M124         X         2.699         2.699         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         X         2.699         2.699         0         %10           13         M125         X         1.326         1.326         0         %10           13         M126         X         1.326         1.326         0         %10           15         M126         X         1.326         1.328         0         %10           17         M127         X         2.3         2.3         2.3         0         %10           17         M128<							
T         M117         X         .581         .9         %10           8         M117         Z        336        336         0         %10           9         M118         X         2.234         2.234         0         %10           10         M118         X         2.234         2.234         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         Z         -1.558         -1.558         0         %10           12         M124         Z         -1.558         -1.326         0         %10           14         M125         Z        766        766         0         %10           15         M126         X         1.326         1.326         0         %10           16         M126         Z        766        766         0         %10           16         M127         X         2.3         2.3         0         %10           17         M127         X         2.3         2.3         0         %10           19         M128         X							
8         M117         Z         -336         -336         0         %10           10         M118         X         2.234         0         %10           11         M124         X         2.699         -1.29         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         Z         -1.558         0         %10           13         M125         X         1.326         1.326         0         %10           14         M125         X         1.326         1.326         0         %10           15         M126         X         1.326         1.326         0         %10           15         M126         X         1.326         1.326         0         %10           16         M127         X         2.3         2.3         0         %10           17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           20         M128         X         2.3         2.3							%100
9         M118         X         2.234         0         %10           10         M118         Z         -1.29         -1.29         0         %10           11         M124         X         2.699         2.699         0         %10           12         M124         Z         -1.558         -1.558         0         %10           13         M125         X         1.326         1.326         0         %10           14         M125         Z         -766         -766         0         %10           15         M126         X         1.326         1.326         0         %10           16         M126         Z         -766         -766         0         %10           16         M126         Z         -766         -766         0         %10           17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           20         M128         X         2.3         2.3         0         %10           20         M128         Z         -1.3			X				%100
10							%100
11         M124         X         2.699         2.699         0         %10           12         M124         Z         -1.558         -1.558         0         %10           13         M125         X         1.326         1.326         0         %10           14         M125         Z        766        766         0         %10           15         M126         X         1.326         1.326         0         %10           16         M126         Z        766        766         0         %10           16         M126         Z        766        766         0         %10           18         M127         Z         -1.328         -1.328         0         %10           18         M127         Z         -1.328         -1.328         0         %10           20         M128         X         2.3         2.3         0         %10           21         MP1A         X         2.907         2.907         0         %10           21         MP1A         X         2.907         2.907         0         %10           23         M18							%100
12						0	%100
13         M125         X         1.326         0         %10           14         M125         Z        766        766         0         %10           15         M126         X         1.328         1.326         0         %10           16         M126         Z        766        766         0         %10           17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           19         M128         X         2.3         2.3         0         %10           20         M128         X         2.3         2.3         0         %10           20         M128         X         2.3         2.3         0         %10           21         MP1A         X         2.907         2.907         0         %10           21         MP1A         X         2.907         2.907         0         %10           23         M18         X         2.287         287         0         %10           25         MP1A         X         .581				2.699		0	%100
14         M125         Z         -,766         -,766         0         %10           15         M126         X         1,326         1,326         0         %10           16         M126         Z         -,766         -,766         0         %10           17         M127         X         2,3         2,3         0         %10           18         M127         Z         -1,328         -1,328         0         %10           19         M128         X         2,3         2,3         0         %10           20         M128         X         2,3         2,3         0         %10           20         M128         Z         -1,328         -1,328         0         %10           21         MP1A         X         2,907         2,907         0         %610           21         MP1A         X         2,907         2,907         0         %610           22         MP1A         Z         -1,678         -1,678         0         %10           23         M18         X         287         287         0         %10           24         M18 <td< td=""><td>12</td><td></td><td></td><td></td><td></td><td>0</td><td>%100</td></td<>	12					0	%100
15         M126         X         1.326        766        766         0         %10           16         M126         Z        766        766         0         %10           17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           19         M128         X         2.3         2.3         0         %10           20         M128         X         2.3         2.3         0         %10           20         M128         Z         -1.328         -1.328         0         %10           21         MP1A         X         2.907         2.907         0         %10           21         MP1A         X         2.907         2.907         0         %10           23         M18         X         2.287         2.287         0         %10           24         M18         Z         -1.666         -1.666         0         %10           25         M19         X         5.81         5.81         5.81         0         %10           <			X			0	%100
16         M126         Z        766        766         0         %10           17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           19         M128         X         2.3         2.3         0         %10           20         M128         X         2.3         2.3         0         %10           21         MP1A         X         2.907         2.907         0         %10           21         MP1A         X         2.907         2.907         0         %10           22         MP1A         Z         -1.678         -1.678         0         %10           23         M18         X         2.287         0         %10         %10           23         M18         X         2.287         0         %10         %10           24         M18         Z         -1.66         -1.66         0         %10           25         M19         X         .581         .581         .581         0         %10           26         M19 <td>14</td> <td>M125</td> <td>Z</td> <td>766</td> <td>766</td> <td>0</td> <td>%100</td>	14	M125	Z	766	766	0	%100
16         M126         Z        766        7766         0         %10           17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           19         M128         X         2.3         2.3         0         %10           20         M128         X         2.3         2.3         0         %10           21         MP1A         X         2.907         2.907         0         %10           21         MP1A         X         2.907         2.907         0         %10           22         MP1A         Z         -1.678         -1.678         0         %610           23         M18         X         2.287         2.267         0         %10           24         M18         Z         -1.666         -1.166         0         %10           25         M19         X         .581         .581         .581         0         %10           26         M19         Z        336        336         .336         0         %10           <	15	M126	X	1.326	1.326	0	%100
17         M127         X         2.3         2.3         0         %10           18         M127         Z         -1.328         -1.328         0         %10           20         M128         X         2.3         2.3         0         %10           20         M128         Z         -1.328         -1.328         0         %10           21         MP1A         X         2.907         2.907         0         %10           22         MP1A         Z         -1.678         -1.678         0         %10           22         MP1A         Z         -1.678         -1.678         0         %10           23         M18         X         .287         .287         0         %10           24         M18         Z         -1.666         -1.666         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z         -336         -336         0         %10           27         M20         X         2.234         2         2.234         0         %10           28         M	16	M126		766	766	0	%100
18         M127         Z         -1,328         -1,328         0         %10           19         M128         X         2,3         2,3         0         %10           20         M128         Z         -1,328         -1,328         0         %10           21         MP1A         X         2,907         2,907         0         %10           22         MP1A         Z         -1,678         -1,678         0         %10           23         M18         X         2,87         0         %10           23         M18         X         2,87         0         %10           24         M18         Z         -1,666         -1,666         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z         -,336         -,336         0         %10           27         M20         X         2,234         2,234         0         %10           28         M20         Z         -1,29         -1,29         0         %10           30         M21         Z         -1,826			Х			0	%100
M128			Z				%100
20         M128         Z         -1.328         -1.328         0         %10           21         MP1A         X         2.907         2.907         0         %10           22         MP1A         Z         -1.678         1-1678         0         %10           23         M18         X         2.287         287         0         %10           24         M18         Z        166        166         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z        336        336         0         %10           27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>%100</td></td<>							%100
21         MP1A         X         2.907         2.907         0         %10           22         MP1A         Z         -1.678         -1.678         0         %10           23         M18         X         287         0         %10           24         M18         Z        166        166         0         %10           24         M18         Z        166        166         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z        336        336         0         %10           26         M19         Z        336        336         0         %10           27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         534         .534         0         %10           32         M22         Z         -308 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>%100</td>							%100
22         MP1A         Z         -1.678         -1.678         0         %10           23         M18         X         .287         .287         0         %10           24         M18         Z        166         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z        336        336         0         %10           27         M20         X         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           34         M21A         X         3.163         3.163         0         %10           34         M21A         X         3.163         3.163 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>%100</td>							%100
23         M18         X         .287         .287         0         %10           24         M18         Z        166         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z        336        336         0         %10           27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           34         M21A         X         3.163         3.163         0         %10           35         M23         X         .534							%100
24         M18         Z        166        166         0         %10           25         M19         X         .581         .581         0         %10           26         M19         Z        336        336         0         %10           27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           34         M21A         X         3.163         3.163         0         %10           35         M23         X         3.534         .534         0         %10           36         M23         X         .534         .534         0         %10           36         M23         X				287			%100
25         M19         X         .581         .581         0         %10           26         M19         Z        336        336         0         %10           27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         X         3.163         3.163         0         %10           35         M23         X         .534         .534         0         %10           36         M23         X         .534         .534         0         %10           36         M23         X			7	- 166	- 166		
26         M19         Z        336        336         0         %10           27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         X         3.163         3.163         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z         -308         -308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         X <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
27         M20         X         2.234         2.234         0         %10           28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         X         .534         .534         0         %10           37         M23A         X         2.23         2.223         0         %10           37         M23A         X         2.23         2.223         0         %10           38         M23A         Z </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
28         M20         Z         -1.29         -1.29         0         %10           29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z         -308         -308         0         %10           36         M23         Z         -308         -308         0         %10           37         M23A         X         2.233         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X<							
29         M21         X         3.163         3.163         0         %10           30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -308         -308         0         %10           33         M21A         X         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         X         .534         .534         0         %10           36         M23         X         .534         .534         0         %10           36         M23         X         .534         .534         0         %10           38         M23A         X         2.223         2.233         0         %10           38         M23A         X         1.34         1.34         1.34         0         %10           39         M24         X			7				
30         M21         Z         -1.826         -1.826         0         %10           31         M22         X         .534         .534         0         %10           32         M22         Z         -,308         -,308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z         -308         -308         0         %10           37         M23A         X         2.23         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         X         -1.34         1.34         0         %10           41         M25 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
31         M22         X         .534         .534         0         %10           32         M22         Z        308        308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z        308        308         0         %10           36         M23         Z        308        308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           39         M24         X         1.34         1.34         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z							
32         M22         Z        308        308         0         %10           33         M21A         X         3.163         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z         -308         -308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           45         M27         X							
33         M21A         X         3.163         3.163         0         %10           34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z        308        308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         X							
34         M21A         Z         -1.826         -1.826         0         %10           35         M23         X         .534         .534         0         %10           36         M23         Z        308        308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           44         M26         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         Z					300 2 462		
35         M23         X         .534         .534         0         %10           36         M23         Z        308        308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           44         M26         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         Z			X 7	3.103			
36         M23         Z        308        308         0         %10           37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           44         M26         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         Z         -1.328         -1.328         0         %10           47         M28         X <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
37         M23A         X         2.223         2.223         0         %10           38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           44         M26         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         Z         -1.328         -1.328         0         %10           47         M28         X         2.3         2.3         0         %10           48         M28         Z         -1.328         -1.328         0         %10           49         M29         X							
38         M23A         Z         -1.283         -1.283         0         %10           39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           44         M26         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         Z         -1.328         -1.328         0         %10           47         M28         X         2.3         2.3         0         %10           48         M28         Z         -1.328         -1.328         0         %10           49         M29         X         2.3         2.3         0         %10           50         M29         Z							
39         M24         X         1.34         1.34         0         %10           40         M24         Z        774        774         0         %10           41         M25         X         2.3         2.3         0         %10           42         M25         Z         -1.328         -1.328         0         %10           43         M26         X         2.3         2.3         0         %10           44         M26         Z         -1.328         -1.328         0         %10           45         M27         X         2.3         2.3         0         %10           46         M27         Z         -1.328         -1.328         0         %10           47         M28         X         2.3         2.3         0         %10           48         M28         Z         -1.328         -1.328         0         %10           49         M29         X         2.3         2.3         0         %10           50         M29         Z         -1.328         -1.328         0         %10           51         MP2A         X			X				
40       M24       Z      774      774       0       %10         41       M25       X       2.3       2.3       0       %10         42       M25       Z       -1.328       -1.328       0       %10         43       M26       X       2.3       2.3       0       %10         44       M26       Z       -1.328       -1.328       0       %10         45       M27       X       2.3       2.3       0       %10         46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10							
41       M25       X       2.3       2.3       0       %10         42       M25       Z       -1.328       -1.328       0       %10         43       M26       X       2.3       2.3       0       %10         44       M26       Z       -1.328       -1.328       0       %10         45       M27       X       2.3       2.3       0       %10         46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10							
42       M25       Z       -1.328       -1.328       0       %10         43       M26       X       2.3       2.3       0       %10         44       M26       Z       -1.328       -1.328       0       %10         45       M27       X       2.3       2.3       0       %10         46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10							
43       M26       X       2.3       2.3       0       %10         44       M26       Z       -1.328       -1.328       0       %10         45       M27       X       2.3       2.3       0       %10         46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10			X				%100
44       M26       Z       -1.328       -1.328       0       %10         45       M27       X       2.3       2.3       0       %10         46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10							%100
45       M27       X       2.3       2.3       0       %10         46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10			X				%100
46       M27       Z       -1.328       -1.328       0       %10         47       M28       X       2.3       2.3       0       %10         48       M28       Z       -1.328       -1.328       0       %10         49       M29       X       2.3       2.3       0       %10         50       M29       Z       -1.328       -1.328       0       %10         51       MP2A       X       2.907       2.907       0       %10         52       MP2A       Z       -1.678       -1.678       0       %10							%100
47     M28     X     2.3     2.3     0     %10       48     M28     Z     -1.328     -1.328     0     %10       49     M29     X     2.3     2.3     0     %10       50     M29     Z     -1.328     -1.328     0     %10       51     MP2A     X     2.907     2.907     0     %10       52     MP2A     Z     -1.678     -1.678     0     %10							%100
48     M28     Z     -1.328     -1.328     0     %10       49     M29     X     2.3     2.3     0     %10       50     M29     Z     -1.328     -1.328     0     %10       51     MP2A     X     2.907     2.907     0     %10       52     MP2A     Z     -1.678     -1.678     0     %10							%100
48     M28     Z     -1.328     -1.328     0     %10       49     M29     X     2.3     2.3     0     %10       50     M29     Z     -1.328     -1.328     0     %10       51     MP2A     X     2.907     2.907     0     %10       52     MP2A     Z     -1.678     -1.678     0     %10			X				%100
50         M29         Z         -1.328         -1.328         0         %10           51         MP2A         X         2.907         2.907         0         %10           52         MP2A         Z         -1.678         -1.678         0         %10			Z				%100
51         MP2A         X         2.907         2.907         0         %10           52         MP2A         Z         -1.678         -1.678         0         %10			X				%100
51         MP2A         X         2.907         2.907         0         %10           52         MP2A         Z         -1.678         -1.678         0         %10		M29		-1.328			%100
52 MP2A Z -1.678 -1.678 0 %10		MP2A	X	2.907	2.907	0	%100
			Z				%100
<u> 53   MP3A   X   2.907   2.907   0   %10</u>	53	MP3A	Х	2.907	2.907	0	%100
			Z				%100
							%100
							%100
							%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
58	M162	Z	056	056	0	%100
59	M163	X	.976	.976	0	%100
60	M163	Z	563	563	0	%100
61	M164	X	.07	.07	0	%100
62	M164	Z	04	04	0	%100
63	M165	X	1.745	1.745	0	%100
64	M165	Z	-1.007	-1.007	0	%100
65	M168	X	2.699	2.699	0	%100
66	M168	Z	-1.558	-1.558	0	%100
67	M169	X	2.625	2.625	0	%100
68	M169	Z	-1.516	-1.516	0	%100
69	M170	X	2.625	2.625	0	%100
70	M170	Z	-1.516	-1.516	0	%100
71	M171	X	2.3	2.3	0	%100
72	M171	Z	-1.328	-1.328	0	%100
73	M172	X	2.3	2.3	0	%100
74	M172	Z	-1.328	-1.328	0	%100
75	MP1B	X	2.907	2.907	0	%100
76	MP1B	Z	-1.678	-1.678	0	%100
77	M176	X	.976	.976	0	%100
78	M176	Z	563	563	0	%100
79	M177	X	.07	.07	0	%100
80	M177	Z	04	04	0	%100
81	M178	Х	1.745	1.745	0	%100
82	M178	Z	-1.007	-1.007	0	%100
83	M179	X	5.168	5.168	0	%100
84	M179	Z	-2.984	-2.984	0	%100
85	M180	X	1.057	1.057	0	%100
86	M180	Z	61	61	0	%100
87	M181	X	5.168	5.168	0	%100
88	M181	Z	-2.984	-2.984	0	%100
89	M182	X	1.057	1.057	0	%100
90	M182	Z	61	61	0	%100
91	M183	X	2.223	2.223	0	%100
92	M183	Z	-1.283	-1.283	0	%100
93	M184	X	1.639	1.639	0	%100
94	M184	Z	946	946	0	%100
95	M185	X	2.3	2.3	0	%100
96	M185	Ž	-1.328	-1.328	0	%100 %100
97	M186	X	2.3	2.3	0	%100 %100
98	M186	Z	-1.328	-1.328	0	%100
99	M187	X	2.3	2.3	0	%100
100	M187	Z	-1.328	-1.328	0	%100 %100
101	M188	X	2.3	2.3	0	%100 %100
102	M188	Z	-1.328	-1.328	0	%100 %100
103	M189	X	2.3	2.3	0	%100
104	M189	Z	-1.328	-1.328	0	%100 %100
105	MP2B	X	2.907	2.907	0	%100 %100
106	MP2B	Z	-1.678	-1.678	0	%100 %100
107	MP3B	X	2.907	2.907	0	%100 %100
108	MP3B	Z	-1.678	-1.678	0	%100 %100
109	M201	X	2.842	2.842	0	%100 %100
110	M201	Z	-1.641	-1.641	0	%100 %100
111	M202	X	2.842	2.842	0	%100 %100
112	M202	Z	-1.641	<u>2.042</u> -1.641	0	%100 %100
113	M203	X	1.696	1.696	0	%100 %100
114	M203	Z	979	979	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
115	M204	X	2.053	2.053	0	%100
116	M204	Z	-1.185	-1.185	0	%100
117	M205	X	.25	.25	0	%100
118	M205	Z	145	145	0	%100
119	M208	X	2.699	2.699	0	%100
120	M208	Z	-1.558	-1.558	0	%100
121	M209	Х	.31	.31	0	%100
122	M209	Z	179	179	0	%100
123	M210	X	.31	.31	0	%100
124	M210	Z	179	179	0	%100
125	M211	Х	2.3	2.3	0	%100
126	M211	Z	-1.328	-1.328	0	%100
127	M212	Х	2.3	2.3	0	%100
128	M212	Z	-1.328	-1.328	0	%100
129	MP1C	Х	2.907	2.907	0	%100
130	MP1C	Z	-1.678	-1.678	0	%100
131	M216	Х	1.696	1.696	0	%100
132	M216	Z	979	979	0	%100
133	M217	Х	2.053	2.053	0	%100
134	M217	Z	-1.185	-1.185	0	%100
135	M218	X	.25	.25	0	%100
136	M218	Z	145	145	0	%100
137	M219	X	1.604	1.604	0	%100
138	M219	Ž	926	926	0	%100
139	M220	X	.125	.125	0	%100
140	M220	Z	072	072	0	%100
141	M221	X	1.604	1.604	0	%100
142	M221	Z	926	926	0	%100 %100
143	M222	X	.125	.125	0	%100
144	M222	Z	072	072	0	%100
145	M223	X	2.223	2.223	0	%100
146	M223	Z	-1.283	-1.283	0	%100
147	M224	X	1.105	1.105	0	%100 %100
148	M224	Z	638	638	0	%100 %100
149	M225	X	2.3	2.3	0	%100
150	M225	Z	-1.328	-1.328	0	%100 %100
151	M226	X	2.3	2.3	0	%100 %100
152	M226	Z	-1.328	-1.328	0	%100 %100
153	M227	X	2.3	2.3	0	%100
154	M227	Z	-1.328	-1.328	0	%100 %100
155	M228	X	2.3	2.3	0	%100 %100
156	M228	Z	-1.328	-1.328	0	%100 %100
157	M229	X	2.3	2.3	0	%100 %100
158	M229	Z	-1.328	-1.328	0	%100 %100
159	MP2C	X	2.907	2.907	0	%100 %100
160	MP2C	Z	-1.678	-1.678	0	%100 %100
161	MP3C	X	2.907	2.907	0	%100
162	MP3C	Z	-1.678	-1.678	0	%100 %100
163	M121	X	2.648	2.648	0	%100 %100
164	M121	Z	-1.529	-1.529	0	%100 %100
165	M122A	X	.144	.144	0	%100 %100
166	M122A	Z	083	083	0	%100 %100
167	M123A	X	1.671	1.671	0	%100 %100
168	M123A	Z	964	964	0	%100 %100
169	M124A	X	2.648	2.648	0	%100 %100
170	M124A	Z	-1.529	-1.529	0	%100 %100
171	M125A	X	.144	<u>-1.529</u> .144	0	%100 %100
1/1	IVITZDA		. 144	. 144	U	/0 1 0 0

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
172	M125A	Z	083	083	0	%100
173	M126A	X	1.671	1.671	0	%100
174	M126A	Z	964	964	0	%100
175	OVP1	Х	2.907	2.907	0	%100
176	OVP1	Z	-1.678	-1.678	0	%100
177	OVP2	Х	2.907	2.907	0	%100
178	OVP2	Z	-1.678	-1.678	0	%100
179	M133	X	.902	.902	0	%100
180	M133	Z	521	521	0	%100
181	M137	Х	.109	.109	0	%100
182	M137	Z	063	063	0	%100
183	M141	Х	3.186	3.186	0	%100
184	M141	Z	-1.84	-1.84	0	%100
185	M148	Х	1.592	1.592	0	%100
186	M148	Z	919	919	0	%100
187	M149	Х	.371	.371	0	%100
188	M149	Z	214	214	0	%100
189	M150	Х	3.151	3.151	0	%100
190	M150	Z	-1.819	-1.819	0	%100
191	M151	X	1.198	1.198	0	%100
192	M151	Z	692	692	0	%100
193	M152	X	.04	.04	0	%100
194	M152	Z	023	023	0	%100
195	M153	X	2.647	2.647	0	%100
196	M153	Z	-1.528	-1.528	0	%100
197	M151A	X	.284	.284	0	%100
198	M151A	Z	164	164	0	%100
199	M152A	X	.327	.327	0	%100
200	M152A	Z	189	189	0	%100
201	M153A	X	1.92	1.92	0	%100
202	M153A	Z	-1.109	-1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	0	0	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	0	0	0	%100
5	M116	X	1.587	1.587	0	%100
6	M116	Z	0	0	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	0	0	0	%100
9	M118	X	1.587	1.587	0	%100
10	M118	Z	0	0	0	%100
11	M124	X	3.117	3.117	0	%100
12	M124	Z	0	0	0	%100
13	M125	X	2.858	2.858	0	%100
14	M125	Z	0	0	0	%100
15	M126	X	2.858	2.858	0	%100
16	M126	Z	0	0	0	%100
17	M127	X	2.656	2.656	0	%100
18	M127	Z	0	0	0	%100
19	M128	X	2.656	2.656	0	%100
20	M128	Z	0	0	0	%100
21	MP1A	X	3.356	3.356	0	%100
22	MP1A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
23	M18	X	1.587	1.587	0	%100
24	M18	Z	0	0	0	%100
25	M19	Х	0	0	0	%100
26	M19	Z	0	0	0	%100
27	M20	X	1.587	1.587	0	%100
28	M20	Z	0	0	0	%100
29	M21	X	5.688	5.688	0	%100
30	M21	Z	0	0	0	%100
31	M22	X	1.151	1.151	0	%100
32	M22	Z	0	0	0	%100
33	M21A	X	5.688	5.688	0	%100
34	M21A	Z	0	0	0	%100
35	M23	X	1.151	1.151	0	%100
36	M23	Z	0	0	0	%100
37	M23A	X	2.566	2.566	0	%100
38	M23A	Z	0	0	0	%100
39	M24	X	1.853	1.853	0	%100 %100
40	M24	Z	0	0	0	%100 %100
41	M25	X	2.656	2.656	0	%100 %100
42	M25	Z	0	0	0	%100 %100
43	M26	X	2.656	2.656	0	%100 %100
44	M26	Z	0	0	0	%100 %100
45	M27	X	2.656	2.656	0	%100 %100
46	M27	Z	0	0	0	%100 %100
47	M28	X	2.656	2.656	0	%100 %100
48	M28	Z	0	0	0	%100 %100
49	M29	X	2.656	2.656	0	%100 %100
50	M29	Z	0	0	0	%100 %100
51	MP2A	X	3.356	3.356	0	%100 %100
52	MP2A	Z	0	0	0	%100 %100
53	MP3A	X	3.356	3.356	0	%100 %100
54	MP3A	Z	0	0	0	%100 %100
55	M161	X	.435	.435	0	%100 %100
56	M161	Z	.435	<del>433</del> 0	0	%100 %100
57	M162	X	.435	.435	0	%100 %100
58	M162	Z	.435	<del>433</del> 0	0	%100 %100
	M163	X	2.36	2.36	0	%100 %100
59	M163	Z	0	2.30	0	%100 %100
60	M164	X	.314	.314	0	%100 %100
62	M164	Z	.514	0	0	%100 %100
63	M165 M165	Z	.691 0	.691 0	0	%100 %100
65	M168	X	3.117	3.117	0	%100 %100
66	M168	Z	0	<u>3.117</u> 0	0	%100 %100
67	M169	X	2.011	2.011	0	%100 %100
68	M169	Z	0	0	0	%100 %100
			-	<del>_</del>		
69 70	M170 M170	X Z	2.011	2.011 0	0	%100 %100
71	M171	X	2.656	2.656	0	%100 %100
72	M171 M171	Z	2.000	<u>2.000</u>	0	%100 %100
	M172					
73		X	2.656	2.656	0	%100 %100
74	M172	Z X	2 256	0 3.356	0	%100 %100
75 76	MP1B MP1B	Z	3.356	<u>3.356</u> 0	0	%100 %100
76	MP1B M176		-			
77	M176	X	2.36	2.36	0	%100 %100
78	M176	Z	0	0	0	%100 %100
79	M177	X	.314	.314	0	%100

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

00	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	.End Location[ft,
80	M177	Z	0	0	0	%100
81	M178	X Z	.691	.691	0	%100
82	M178		0	0	0	%100
83	M179	X	4.457	4.457	0	%100
84	M179	Z	0	0	0	%100
85	M180	X	.81	.81	0	%100
86	M180	Z	0	0	0	%100
87	M181	X	4.457	4.457	0	%100
88	M181	Z	0	0	0	%100
89	M182	X	.81	.81	0	%100 %100
90	M182	Z	0	0 500	0	%100
91	M183	X Z	2.566	2.566	0	%100 %100
92	M183 M184	X	0 1.658	<u>0</u> 1.658		%100 %100
93	M184	Z	0		0	%100 %100
94	M185	X	2.656	0 2.656	0	
		Z			0	%100 %100
96 97	M185 M186	X	0 2.656	0 2.656	0	%100 %100
98	M186	Z	2.000	<u>2.050</u>	0	%100 %100
99	M187	X	2.656	2.656	0	%100 %100
100	M187	Z	0	0	0	%100 %100
101	M188	X	2.656	2.656	0	%100 %100
102	M188	Z	0	0	0	%100 %100
103	M189	X	2.656	2.656	0	%100 %100
104	M189	Z	0	2.030	0	%100 %100
105	MP2B	X	3.356	3.356	0	%100 %100
106	MP2B	Z	0	0	0	%100 %100
107	MP3B	X	3.356	3.356	0	%100 %100
107	MP3B	Z	0	0	0	%100 %100
109	M201	X	3.605	3.605	0	%100 %100
110	M201	Z	0	0	0	%100 %100
111	M202	X	3.605	3.605	0	%100 %100
112	M202	Z	0	0	0	%100 %100
113	M203	X	.634	.634	0	%100 %100
114	M203	Z	0	0	0	%100 %100
115	M204	X	2.604	2.604	0	%100 %100
116	M204	Z	0	0	0	%100 %100
117	M205	X	1.522	1.522	0	%100 %100
118	M205	Z	0	0	0	%100 %100
119	M208	X	3.117	3.117	0	%100 %100
120	M208	Z	0	0	0	%100 %100
121	M209	X	.092	.092	0	%100 %100
122	M209	Z	0	0	0	%100 %100
123	M210	X	.092	.092	0	%100
124	M210	Z	0	0	0	%100
125	M211	X	2.656	2.656	0	%100
126	M211	Z	0	0	0	%100
127	M212	X	2.656	2.656	0	%100
128	M212	Z	0	0	0	%100
129	MP1C	X	3.356	3.356	0	%100
130	MP1C	Z	0	0	0	%100
131	M216	Х	.634	.634	0	%100
132	M216	Z	0	0	0	%100
133	M217	X	2.604	2.604	0	%100
134	M217	Z	0	0	0	%100
135	M218	X	1.522	1.522	0	%100
136	M218	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
137	M219	X	1.444	1.444	0	%100
138	M219	Z	0	0	0	%100
139	M220	X	.037	.037	0	%100
140	M220	Z	0	0	0	%100
141	M221	X	1.444	1.444	0	%100
142	M221	Z	0	0	0	%100
143	M222	X	.037	.037	0	%100
144	M222	Z	0	0	0	%100
145	M223	X	2.566	2.566	0	%100
146	M223	Z	0	0	0	%100
147	M224	X	1.215	1.215	0	%100
148	M224	Z	0	0	0	%100
149	M225	X	2.656	2.656	0	%100
150	M225	Z	0	0	0	%100
151	M226	X	2.656	2.656	0	%100
152	M226	Z	0	0	0	%100
153	M227	X	2.656	2.656	0	%100 %100
154	M227	Z	0	0	0	%100 %100
155	M228	X	2.656	2.656	0	%100 %100
156	M228	Z	0	0	0	%100 %100
157	M229	X	2.656	2.656	0	%100 %100
158	M229	Z	0	0	0	%100 %100
159	MP2C	X	3.356	3.356	0	%100 %100
160	MP2C	Z	0	0	0	%100 %100
161	MP3C	X	3.356	3.356	0	%100 %100
162	MP3C	Z	0	0	0	%100 %100
163	M121	X	3.196	3.196	0	%100 %100
164	M121	Z	0	<u> </u>	0	%100 %100
165	M122A	X	1.554	1.554	0	%100 %100
166	M122A M122A	Z	0	1.554 0	0	%100 %100
167	M123A	X	.367	.367	0	%100 %100
168	M123A	Z	.307	<u></u> 0	0	%100 %100
169	M124A	X	3.196	3.196	0	%100 %100
170	M124A M124A	Z	0	<u>3.190</u>	0	%100 %100
171	M125A	X	1.554	1.554	0	%100 %100
172	M125A M125A	Z	0	<u>1.554</u>	0	%100 %100
	M126A	X	.367	.367	0	%100 %100
173 174	M126A	Z	.307	<u></u> 0	0	%100 %100
175	OVP1	X	3.356	3.356	0	%100 %100
176	OVP1	Z			0	%100 %100
	OVP1		3 356	2 256		%100 %100
177	OVP2	X 7	3.356	3.356	0	%100 %100
178 179	M133	X	0	<u> </u>	0	%100 %100
180	M133	Z	0	0	0	%100 %100
181	M137	X	.487	<u></u>	0	%100 %100
182	M137	Z	.487			%100 %100
			-	0 4.041	0	
183 184	M141 M141	X Z	4.041	4.041	0	%100 %100
185	M141 M148	X	3.43	3.43	0	%100 %100
186	M148	Z	0	<u> </u>	0	%100 %100
			.111	<u></u>		
187	M149	X			0	%100 %100
188	M149	Z	0	0	0	%100 %100
189	M150	X	2.414	2.414	0	%100 %100
190	M150	Z	0	0	0	%100 %100
191	M151	X	.1	.1	0	%100 %400
192	M151	Z	0	0	0	%100 %100
193	M152	X	1.201	1.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	0	0	0	%100
195	M153	X	3.197	3.197	0	%100
196	M153	Z	0	0	0	%100
197	M151A	X	.105	.105	0	%100
198	M151A	Z	0	0	0	%100
199	M152A	X	.078	.078	0	%100
200	M152A	Z	0	0	0	%100
201	M153A	Х	3.013	3.013	0	%100
202	M153A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	.805	.805	0	%100
2	M109	Z	.465	.465	0	%100
3	M110	X	.805	.805	0	%100
4	M110	Z	.465	.465	0	%100
5	M116	X	2.234	2.234	0	%100
6	M116	Z	1.29	1.29	0	%100
7	M117	X	.581	.581	0	%100
8	M117	Z	.336	.336	0	%100
9	M118	X	.287	.287	0	%100
10	M118	Z	.166	.166	0	%100
11	M124	X	2.699	2.699	0	%100
12	M124	Z	1.558	1.558	0	%100
13	M125	Х	2.475	2.475	0	%100
14	M125	Z	1.429	1.429	0	%100
15	M126	X	2.475	2.475	0	%100
16	M126	Z	1.429	1.429	0	%100
17	M127	X	2.3	2.3	0	%100
18	M127	Z	1.328	1.328	0	%100
19	M128	X	2.3	2.3	0	%100
20	M128	Z	1.328	1.328	0	%100
21	MP1A	Х	2.907	2.907	0	%100
22	MP1A	Z	1.678	1.678	0	%100
23	M18	Х	2.234	2.234	0	%100
24	M18	Z	1.29	1.29	0	%100
25	M19	X	.581	.581	0	%100
26	M19	Z	.336	.336	0	%100
27	M20	Х	.287	.287	0	%100
28	M20	Z	.166	.166	0	%100
29	M21	X	4.926	4.926	0	%100
30	M21	Z	2.844	2.844	0	%100
31	M22	X	.997	.997	0	%100
32	M22	Z	.576	.576	0	%100
33	M21A	X	4.926	4.926	0	%100
34	M21A	Z	2.844	2.844	0	%100
35	M23	X	.997	.997	0	%100
36	M23	Z	.576	.576	0	%100
37	M23A	X	2.223	2.223	0	%100
38	M23A	Z	1.283	1.283	0	%100
39	M24	X	1.605	1.605	0	%100
40	M24	Z	.926	.926	0	%100
41	M25	X	2.3	2.3	0	%100
42	M25	Z	1.328	1.328	0	%100
43	M26	X	2.3	2.3	0	%100
44	M26	Z	1.328	1.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
45	M27	X	2.3	2.3	0	%100
46	M27	Z	1.328	1.328	0	%100
47	M28	X	2.3	2.3	0	%100
48	M28	Z	1.328	1.328	0	%100
49	M29	X	2.3	2.3	0	%100
50	M29	Z	1.328	1.328	0	%100
51	MP2A	X	2.907	2.907	0	%100
52	MP2A	Z	1.678	1.678	0	%100
53	MP3A	Χ	2.907	2.907	0	%100
54	MP3A	Z	1.678	1.678	0	%100
55	M161	X	1.889	1.889	0	%100
56	M161	Z	1.09	1.09	0	%100
57	M162	X	1.889	1.889	0	%100
58	M162	Z	1.09	1.09	0	%100
59	M163	X	2.215	2.215	0	%100
60	M163	Z	1.279	1.279	0	%100
61	M164	X	1.364	1.364	0	%100
62	M164	Z	.788	.788	0	%100
63	M165	X	.000353	.000353	0	%100
64	M165	Z	.000204	.000204	0	%100
65	M168	X	2.699	2.699	0	%100
66	M168	Z	1.558	1.558	0	%100
67	M169	X	.443	.443	0	%100
68	M169	Z	.256	.256	0	%100
69	M170	X	.443	.443	0	%100
70	M170	Z	.256	.256	0	%100
71	M171	X	2.3	2.3	0	%100
72	M171	Z	1.328	1.328	0	%100
73	M172	X	2.3	2.3	0	%100
74	M172	Z	1.328	1.328	0	%100
75	MP1B	X	2.907	2.907	0	%100
76	MP1B	Z	1.678	1.678	0	%100
77	M176	Χ	2.215	2.215	0	%100
78	M176	Z	1.279	1.279	0	%100
79	M177	X	1.364	1.364	0	%100
80	M177	Z	.788	.788	0	%100
81	M178	X	.000353	.000353	0	%100
82	M178	Z	.000204	.000204	0	%100
83	M179	Χ	1.855	1.855	0	%100
84	M179	Z	1.071	1.071	0	%100
85	M180	X	.178	.178	0	%100
86	M180	Z	.103	.103	0	%100
87	M181	X	1.855	1.855	0	%100
88	M181	Z	1.071	1.071	0	%100
89	M182	X	.178	.178	0	%100
90	M182	Z	.103	.103	0	%100
91	M183	Χ	2.223	2.223	0	%100
92	M183	Z	1.283	1.283	0	%100
93	M184	X	1.136	1.136	0	%100
94	M184	Z	.656	.656	0	%100
95	M185	X	2.3	2.3	0	%100
96	M185	Z	1.328	1.328	0	%100
97	M186	X	2.3	2.3	0	%100
98	M186	Z	1.328	1.328	0	%100
99	M187	X	2.3	2.3	0	%100
100	M187	Z	1.328	1.328	0	%100
101	M188	X	2.3	2.3	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
102	M188	Z	1.328	1.328	0	%100
103	M189	Х	2.3	2.3	0	%100
104	M189	Z	1.328	1.328	0	%100
105	MP2B	X	2.907	2.907	0	%100
106	MP2B	Z	1.678	1.678	0	%100
107	MP3B	X	2.907	2.907	0	%100
108	MP3B	Z	1.678	1.678	0	%100
109	M201	X	1.889	1.889	0	%100
110	M201	Z	1.09	1.09	0	%100 %100
111	M202	X	1.889	1.889	0	%100
112	M202	Z	1.09	1.09	0	%100 %100
113	M203	X	.000353	.000353	0	%100 %100
114	M203	Z	.000204	.000333	0	%100 %100
115	M204	X	1.364	1.364	0	%100 %100
116	M204	Z	.788	.788	0	%100 %100
117	M205	X	2.215	2.215	0	%100 %100
118	M205	Z	1.279	1.279	0	%100 %100
119	M208	X		2.699	0	%100 %100
120	M208	Z	2.699 1.558	<u>2.699</u> 1.558		%100 %100
					0	
121	M209	X Z	1.096	1.096	0	%100 %100
122	M209		.633	.633	0	%100
123	M210	X	1.096	1.096	0	%100
124	M210	Z	.633	.633	0	%100
125	M211	X	2.3	2.3	0	%100
126	M211	Z	1.328	1.328	0	%100
127	M212	X	2.3	2.3	0	%100
128	M212	Z	1.328	1.328	0	%100
129	MP1C	X	2.907	2.907	0	%100
130	MP1C	Z	1.678	1.678	0	%100
131	M216	X	.000353	.000353	0	%100
132	M216	Z	.000204	.000204	0	%100
133	M217	X	1.364	1.364	0	%100
134	M217	Z	.788	.788	0	%100
135	M218	X	2.215	2.215	0	%100
136	M218	Z	1.279	1.279	0	%100
137	M219	X	2.81	2.81	0	%100
138	M219	Z	1.622	1.622	0	%100
139	M220	X	.441	.441	0	%100
140	M220	Z	.255	.255	0	%100
141	M221	X	2.81	2.81	0	%100
142	M221	Z	1.622	1.622	0	%100
143	M222	X	.441	.441	0	%100
144	M222	Z	.255	.255	0	%100
145	M223	X	2.223	2.223	0	%100
146	M223	Z	1.283	1.283	0	%100
147	M224	X	1.287	1.287	0	%100
148	M224	Z	.743	.743	0	%100
149	M225	X	2.3	2.3	0	%100 %100
150	M225	Z	1.328	1.328	0	%100 %100
151	M226	X	2.3	2.3	0	%100 %100
152	M226	Z	1.328	1.328	0	%100 %100
153	M227	X	2.3	2.3	0	%100 %100
154	M227	Z	1.328	1.328	0	%100 %100
155	M228	X	2.3	2.3	0	%100 %100
156	M228	Z	1.328	1.328	0	%100 %100
157	M229	X	2.3	2.3	0	%100 %100
		Z				
158	M229		1.328	1.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft.	End Location[ft,
159	MP2C	X	2.907	2.907	0	%100
160	MP2C	Z	1.678	1.678	0	%100
161	MP3C	X	2.907	2.907	0	%100
162	MP3C	Z	1.678	1.678	0	%100
163	M121	X	1.573	1.573	0	%100
164	M121	Z	.908	.908	0	%100
165	M122A	X	2.655	2.655	0	%100
166	M122A	Z	1.533	1.533	0	%100
167	M123A	X	.1	.1	0	%100
168	M123A	Z	.058	.058	0	%100
169	M124A	Х	1.573	1.573	0	%100
170	M124A	Z	.908	.908	0	%100
171	M125A	Х	2.655	2.655	0	%100
172	M125A	Z	1.533	1.533	0	%100
173	M126A	Х	.1	.1	0	%100
174	M126A	Z	.058	.058	0	%100
175	OVP1	Х	2.907	2.907	0	%100
176	OVP1	Z	1.678	1.678	0	%100
177	OVP2	X	2.907	2.907	0	%100
178	OVP2	Z	1.678	1.678	0	%100
179	M133	X	.902	.902	0	%100
180	M133	Z	.521	.521	0	%100
181	M137	X	2.118	2.118	0	%100
182	M137	Z	1.223	1.223	0	%100
183	M141	X	2.118	2.118	0	%100
184	M141	Z	1.223	1.223	0	%100
185	M148	X	2.97	2.97	0	%100
186	M148	Z	1.715	1.715	0	%100
187	M149	X	1.312	1.312	0	%100
188	M149	Z	.757	.757	0	%100
189	M150	X	.532	.532	0	%100
190	M150	Z	.307	.307	0	%100
191	M151	X	.342	.342	0	%100
192	M151	Z	.197	.197	0	%100
193	M152	X	2.453	2.453	0	%100
194	M152	Z	1.416	1.416	0	%100
195	M153	X	1.575	1.575	0	%100
196	M153	Z	.909	.909	0	%100 %100
197	M151A	X	1.111	1.111	0	%100
198	M151A	Z	.642	.642	0	%100 %100
199	M152A	X	1.046	1.046	0	%100 %100
200	M152A	Z	.604	.604	0	%100 %100
201	M153A	X	1.994	1.994	0	%100 %100
201	M153A M153A	Z	1.994 1.151	1.994 1.151	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	1.394	1.394	0	%100
2	M109	Z	2.414	2.414	0	%100
3	M110	X	1.394	1.394	0	%100
4	M110	Z	2.414	2.414	0	%100
5	M116	X	1.159	1.159	0	%100
6	M116	Z	2.007	2.007	0	%100
7	M117	X	1.007	1.007	0	%100
8	M117	Z	1.744	1.744	0	%100
9	M118	X	.035	.035	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
10	M118	Z	.06	.06	0	%100
11	M124	X	1.558	1.558	0	%100
12	M124	Z	2.699	2.699	0	%100
13	M125	X	.766	.766	0	%100
14	M125	Z	1.326	1.326	0	%100
15	M126	X	.766	.766	0	%100
16	M126	Z	1.326	1.326	0	%100
17	M127	Χ	1.328	1.328	0	%100
18	M127	Z	2.3	2.3	0	%100
19	M128	X	1.328	1.328	0	%100
20	M128	Z	2.3	2.3	0	%100
21	MP1A	X	1.678	1.678	0	%100
22	MP1A	Z	2.907	2.907	0	%100
23	M18	Χ	1.159	1.159	0	%100
24	M18	Z	2.007	2.007	0	%100
25	M19	X	1.007	1.007	0	%100
26	M19	Z	1.744	1.744	0	%100
27	M20	Χ	.035	.035	0	%100
28	M20	Z	.06	.06	0	%100
29	M21	X	1.826	1.826	0	%100
30	M21	Z	3.163	3.163	0	%100
31	M22	X	.308	.308	0	%100
32	M22	Z	.534	.534	0	%100
33	M21A	X	1.826	1.826	0	%100
34	M21A	Z	3.163	3.163	0	%100
35	M23	X	.308	.308	0	%100
36	M23	Z	.534	.534	0	%100
37	M23A	X	1.283	1.283	0	%100
38	M23A	Z	2.223	2.223	0	%100
39	M24	X	.774	.774	0	%100
40	M24	Z	1.34	1.34	0	%100
41	M25	X	1.328	1.328	0	%100
42	M25	Z	2.3	2.3	0	%100
43	M26	X	1.328	1.328	0	%100
44	M26	Z	2.3	2.3	0	%100
45	M27	Х	1.328	1.328	0	%100
46	M27	Z	2.3	2.3	0	%100
47	M28	Х	1.328	1.328	0	%100
48	M28	Z	2.3	2.3	0	%100
49	M29	X	1.328	1.328	0	%100
50	M29	Z	2.3	2.3	0	%100
51	MP2A	Х	1.678	1.678	0	%100
52	MP2A	Z	2.907	2.907	0	%100
53	MP3A	X	1.678	1.678	0	%100
54	MP3A	Z	2.907	2.907	0	%100
55	M161	X	1.802	1.802	0	%100
56	M161	Z	3.122	3.122	0	%100
57	M162	X	1.802	1.802	0	%100
58	M162	Z	3.122	3.122	0	%100 %100
59	M163	X	.761	.761	0	%100 %100
60	M163	Z	1.318	1.318	0	%100 %100
61	M164	X	1.302	1.302	0	%100 %100
62	M164	Z	2.255	2.255	0	%100 %100
63	M165	X	.317	.317	0	%100 %100
64	M165	Z	.549	.549	0	%100 %100
65	M168	X	1.558	1.558	0	%100 %100
66	M168	Z	2.699	2.699	0	%100 %100
-	101100	_	2.000	2.000		70 100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
67	M169	X	.016	.016	0	%100
68	M169	Z	.028	.028	0	%100
69	M170	Х	.016	.016	0	%100
70	M170	Z	.028	.028	0	%100
71	M171	X	1.328	1.328	0	%100
72	M171	Z	2.3	2.3	0	%100
73	M172	X	1.328	1.328	0	%100
74	M172	Z	2.3	2.3	0	%100
75	MP1B	X	1.678	1.678	0	%100
76	MP1B	Z	2.907	2.907	0	%100
77	M176	X	.761	.761	0	%100 %100
78	M176	Z	1.318	1.318	0	%100 %100
79	M177	X	1.302	1.302	0	%100 %100
80	M177	Z	2.255	2.255	0	%100 %100
81	M178	X	.317	.317	0	%100 %100
82	M178	7	.549	.549	0	%100 %100
	M179	X	.669	.669		
83		Z			0	%100 %100
84	M179		1.159	1.159	0	%100 %100
85	M180	X	.006	.006	0	%100
86	M180	Z	.011	.011	0	%100
87	M181	X	.669	.669	0	%100
88	M181	Z	1.159	1.159	0	%100
89	M182	X	.006	.006	0	%100
90	M182	Z	.011	.011	0	%100
91	M183	X	1.283	1.283	0	%100
92	M183	Z	2.223	2.223	0	%100
93	M184	X	.601	.601	0	%100
94	M184	Z	1.04	1.04	0	%100
95	M185	X	1.328	1.328	0	%100
96	M185	Z	2.3	2.3	0	%100
97	M186	X	1.328	1.328	0	%100
98	M186	Z	2.3	2.3	0	%100
99	M187	X	1.328	1.328	0	%100
100	M187	Z	2.3	2.3	0	%100
101	M188	X	1.328	1.328	0	%100
102	M188	Z	2.3	2.3	0	%100
103	M189	X	1.328	1.328	0	%100
104	M189	Z	2.3	2.3	0	%100
105	MP2B	X	1.678	1.678	0	%100
106	MP2B	Z	2.907	2.907	0	%100
107	MP3B	X	1.678	1.678	0	%100
108	MP3B	Z	2.907	2.907	0	%100 %100
109	M201	X	.217	.217	0	%100 %100
110	M201	Z	.377	.377	0	%100 %100
111	M202		.217	.217	0	%100 %100
112	M202	X Z	.377	.377	0	%100 %100
113	M203	X	.345	.345	0	%100 %100
114	M203	Z	.598	.598	0	%100 %100
115	M204	X	.157		0	%100 %100
116	M204	Z	.157	.157	0	%100 %100
117	M205	X	1.18	1.18	0	%100 %100
118	M205	Z	2.044	2.044	0	%100
119	M208	X	1.558	1.558	0	%100
120	M208	Z	2.699	2.699	0	%100
121	M209	X Z	1.352	1.352	0	%100
122	M209		2.343	2.343	0	%100
123	M210	X	1.352	1.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
124	M210	Z	2.343	2.343	0	%100
125	M211	X	1.328	1.328	0	%100
126	M211	Z	2.3	2.3	0	%100
127	M212	X	1.328	1.328	0	%100
128	M212	Z	2.3	2.3	0	%100
129	MP1C	X	1.678	1.678	0	%100
130	MP1C	Z	2.907	2.907	0	%100
131	M216	X	.345	.345	0	%100
132	M216	Z	.598	.598	0	%100
133	M217	X	.157	.157	0	%100
134	M217	Z	.272	.272	0	%100
135	M218	X	1.18	1.18	0	%100
136	M218	Z	2.044	2.044	0	%100
137	M219	X	2.727	2.727	0	%100
138	M219	Z	4.723	4.723	0	%100
139	M220	X	.545	.545	0	%100
140	M220	Z	.944	.944	0	%100
141	M221	Х	2.727	2.727	0	%100
142	M221	Z	4.723	4.723	0	%100
143	M222	Х	.545	.545	0	%100
144	M222	Z	.944	.944	0	%100
145	M223	X	1.283	1.283	0	%100
146	M223	Z	2.223	2.223	0	%100
147	M224	X	.909	.909	0	%100
148	M224	Z	1.574	1.574	0	%100
149	M225	X	1.328	1.328	0	%100
150	M225	Z	2.3	2.3	0	%100
151	M226	X	1.328	1.328	0	%100
152	M226	Z	2.3	2.3	0	%100 %100
153	M227	X	1.328	1.328	0	%100
154	M227	Z	2.3	2.3	0	%100
155	M228	X	1.328	1.328	0	%100 %100
156	M228	Z	2.3	2.3	0	%100 %100
157	M229	X	1.328	1.328	0	%100 %100
158	M229	Z	2.3	2.3	0	%100 %100
159	MP2C	X	1.678	1.678	0	%100 %100
160	MP2C	Z	2.907	2.907	0	%100 %100
161	MP3C	X	1.678	1.678	0	%100 %100
162	MP3C	Z	2.907	2.907	0	%100 %100
163	M121	X	.149	.149	0	%100 %100
164	M121	Z	.259	.259	0	%100 %100
165	M122A	X	1.595	1.595	0	%100 %100
166	M122A	Z	2.762	2.762	0	%100 %100
167	M123A	X	.714	.714	0	%100 %100
168	M123A	Z	1.236	1.236	0	%100 %100
169	M124A	X	.149	.149	0	%100 %100
170	M124A	Z	.259	.259	0	%100 %100
171	M125A	X	1.595	1.595	0	%100 %100
172	M125A	Z	2.762	2.762	0	%100 %100
173	M126A	X	.714	<u> </u>	0	%100 %100
		Z	1.236	1.236	0	%100 %100
174	M126A					
175	OVP1	X Z	1.678	1.678	0	%100 %100
176	OVP1		2.907	2.907	0	%100 %100
177	OVP2	X	1.678	1.678	0	%100
178	OVP2	Z	2.907	2.907	0	%100
179	M133	X	1.563	1.563	0	%100
180	M133	Z	2.706	2.706	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
181	M137	X	2.021	2.021	0	%100 <sup>-</sup>
182	M137	Z	3.5	3.5	0	%100
183	M141	X	.244	.244	0	%100
184	M141	Z	.422	.422	0	%100
185	M148	X	.919	.919	0	%100
186	M148	Z	1.592	1.592	0	%100
187	M149	X	1.619	1.619	0	%100
188	M149	Z	2.804	2.804	0	%100
189	M150	X	.019	.019	0	%100
190	M150	Z	.033	.033	0	%100
191	M151	X	.986	.986	0	%100
192	M151	Z	1.708	1.708	0	%100
193	M152	X	1.655	1.655	0	%100
194	M152	Z	2.867	2.867	0	%100
195	M153	X	.15	.15	0	%100
196	M153	Z	.26	.26	0	%100
197	M151A	X	1.343	1.343	0	%100
198	M151A	Z	2.326	2.326	0	%100
199	M152A	X	1.318	1.318	0	%100
200	M152A	Z	2.284	2.284	0	%100
201	M153A	X	.398	.398	0	%100
202	M153A	Z	.69	.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	3.717	3.717	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	3.717	3.717	0	%100
5	M116	X	0	0	0	%100
6	M116	Z	1.062	1.062	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	2.685	2.685	0	%100
9	M118	X	0	0	0	%100
10	M118	Z	1.062	1.062	0	%100
11	M124	X	0	0	0	%100
12	M124	Z	3.117	3.117	0	%100
13	M125	X	0	0	0	%100
14	M125	Z	.205	.205	0	%100
15	M126	X	0	0	0	%100
16	M126	Z	.205	.205	0	%100
17	M127	X	0	0	0	%100
18	M127	Z	2.656	2.656	0	%100
19	M128	X	0	0	0	%100
20	M128	Z	2.656	2.656	0	%100
21	MP1A	X	0	0	0	%100
22	MP1A	Z	3.356	3.356	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.062	1.062	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	2.685	2.685	0	%100
27	M20	X	0	0	0	%100
28	M20	Z	1.062	1.062	0	%100
29	M21	X	0	0	0	%100
30	M21	Z	1.617	1.617	0	%100
31	M22	Х	0	0	0	%100

Company : Maser Consulting
Designer :
Job Number : Project No. 10055829
Model Name : 468220-VZW\_MT\_LO : 468220-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
32	M22	Z	.083	.083	0	%100
33	M21A	X	0	0	0	%100
34	M21A	Z	1.617	1.617	0	%100
35	M23	X	0	0	0	%100
36	M23	Z	.083	.083	0	%100
37	M23A	X	0	0	0	%100
38	M23A	Z	2.566	2.566	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	1.241	1.241	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	2.656	2.656	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	2.656	2.656	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	2.656	2.656	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	2.656	2.656	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	2.656	2.656	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	3.356	3.356	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	3.356	3.356	0	%100
55	M161	X	0	0	0	%100
56	M161	Z	3.282	3.282	0	%100
57	M162	X	0	0	0	%100
58	M162	Z	3.282	3.282	0	%100
59	M163	X	0	0	0	%100
60	M163	Z	.289	.289	0	%100
61	M164	X	0	0	0	%100
62	M164	Z	2.371	2.371	0	%100
63	M165	X	0	0	0	%100
64	M165	Z	1.958	1.958	0	%100
65	M168	X	0	0	0	%100
66	M168	Z	3.117	3.117	0	%100
67	M169	X	0	0	0	%100
68	M169	Z	1.052	1.052	0	%100
69	M170	X	0	0	0	%100
70	M170	Z	1.052	1.052	0	%100
71	M171	X	0	0	0	%100
72	M171	Z	2.656	2.656	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	2.656	2.656	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	3.356	3.356	0	%100
77	M176	Χ	0	0	0	%100
78	M176	Z	.289	.289	0	%100
79	M177	X	0	0	0	%100
80	M177	Z	2.371	2.371	0	%100
81	M178	X	0	0	0	%100
82	M178	Z	1.958	1.958	0	%100
83	M179	X	0	0	0	%100
84	M179	Z	2.849	2.849	0	%100
85	M180	X	0	0	0	%100
86	M180	Z	.424	.424	0	%100
87	M181	X	0	0	0	%100
88	M181	Z	2.849	2.849	0	%100

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

00	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
89	M182	X	0	0	0	%100
90	M182	Z	.424	.424	0	%100
91	M183	X Z	0	0	0	%100 %100
92	M183		2.566	2.566	0	
93	M184	X	0	0	0	%100
94	M184	Z	1.437	1.437	0	%100
95	M185	X	0	0	0	%100
96	M185	Z	2.656	2.656	0	%100
97	M186	X	0	0	0	%100
98	M186	Z	2.656	2.656	0	%100
99	M187	X	0	0	0	%100
100	M187	Z	2.656	2.656	0	%100
101	M188	X	0	0	0	%100
102	M188	Z	2.656	2.656	0	%100
103	M189	X	0	0	0	%100
104	M189	Z	2.656	2.656	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	3.356	3.356	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	3.356	3.356	0	%100
109	M201	X	0	0	0	%100
110	M201	Z	.112	.112	0	%100
111	M202	Χ	0	0	0	%100
112	M202	Z	.112	.112	0	%100
113	M203	X	0	0	0	%100
114	M203	Z	2.015	2.015	0	%100
115	M204	X	0	0	0	%100
116	M204	Z	.081	.081	0	%100
117	M205	X	0	0	0	%100
118	M205	Z	1.127	1.127	0	%100
119	M208	X	0	0	0	%100
120	M208	Z	3.117	3.117	0	%100
121	M209	X	0	0	0	%100
122	M209	Z	2.971	2.971	0	%100
123	M210	X	0	0	0	%100
124	M210	Z	2.971	2.971	0	%100
125	M211	X	0	0	0	%100
126	M211	Z	2.656	2.656	0	%100
127	M212	X	0	0	0	%100
128	M212	Z	2.656	2.656	0	%100
129	MP1C	X	0	0	0	%100
130	MP1C	Z	3.356	3.356	0	%100
131	M216	X	0	0	0	%100
132	M216	Z	2.015	2.015	0	%100
133	M217	X	0	0	0	%100
134	M217	Z	.081	.081	0	%100
135	M218	X	0	0	0	%100
136	M218	Z	1.127	1.127	0	%100
137	M219	X	0	0	0	%100
138	M219	Z	5.861	5.861	0	%100
139	M220	X	0	0	0	%100
140	M220	Z	1.197	1.197	0	%100
141	M221	X	0	0	0	%100
142	M221	Z	5.861	5.861	0	%100
143	M222	X	0	0	0	%100
144	M222	Z	1.197	1.197	0	%100
145	M223	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
146	M223	Z	2.566	2.566	0	%100
147	M224	X	0	0	0	%100
148	M224	Z	1.879	1.879	0	%100
149	M225	X	0	0	0	%100
150	M225	Z	2.656	2.656	0	%100
151	M226	X	0	0	0	%100 %100
152	M226	Z	2.656	2.656	0	%100 %100
153	M227	X	0	0	0	%100 %100
154	M227	Z	2.656	2.656		%100 %100
					0	
155	M228	X Z	0	0	0	%100
156	M228		2.656	2.656	0	%100
157	M229	X	0	0	0	%100
158	M229	Z	2.656	2.656	0	%100
159	MP2C	X	0	0	0	%100
160	MP2C	Z	3.356	3.356	0	%100
161	MP3C	X	0	0	0	%100
162	MP3C	Z	3.356	3.356	0	%100
163	M121	X	0	0	0	%100
164	M121	Z	.161	.161	0	%100
165	M122A	X	0	0	0	%100
166	M122A	Z	1.802	1.802	0	%100
167	M123A	X	0	0	0	%100
168	M123A	Z	2.99	2.99	0	%100
169	M124A	X	0	0	0	%100
170	M124A	Z	.161	.161	0	%100 %100
171	M125A	X	0	0	0	%100 %100
172	M125A	Z	1.802	1.802		%100 %100
		X			0	
173	M126A		0	0	0	%100
174	M126A	Z	2.99	2.99	0	%100
175	OVP1	X	0	0	0	%100
176	OVP1	Z	3.356	3.356	0	%100
177	OVP2	X	0	0	0	%100
178	OVP2	Z	3.356	3.356	0	%100
179	M133	X	0	0	0	%100
180	M133	Z	4.167	4.167	0	%100
181	M137	X	0	0	0	%100
182	M137	Z	3.679	3.679	0	%100
183	M141	X	0	0	0	%100
184	M141	Z	.126	.126	0	%100
185	M148	X	0	0	0	%100
186	M148	Z	.246	.246	0	%100
187	M149	X	0	0	0	%100
188	M149	Z	3.556	3.556	0	%100
189	M150	X	0	0	0	%100 %100
190	M150	Z	1.264	1.264	0	%100 %100
191	M151	X	0	0	0	%100 %100
192	M151	Z	3.256	3.256	0	%100 %100
193	M152	X	0	<u> </u>	0	%100 %100
193	M152	Z	2.155	2.155	0	%100 %100
195	M153	X Z	0	0	0	%100 %100
196	M153		.16	.16	0	%100
197	M151A	X	0	0	0	%100
198	M151A	Z	2.91	2.91	0	%100
199	M152A	X	0	0	0	%100
200	M152A	Z	2.936	2.936	0	%100
201	M153A	X	0	0	0	%100
202	M153A	Z	.000804	.000804	0	%100

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

1		Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	End Location[ft,
3							
4         M110         Z         2.414         2.414         0         %100           5         M116         X         .035         .035         .0         %100           7         M117         X         .1.007         -1.007         0         %100           8         M117         Z         1.744         1.744         0         %100           9         M118         X         -1.159         -1.159         0         %100           10         M118         Z         2.007         2.007         0         %100           11         M124         X         -1.558         -1.558         0         %100           12         M124         Z         2.899         2.699         0         %100           13         M125         X         -103         -118         0         %100           14         M125         Z         .178         1.178         0         %100           14         M125         X         -1.132         0         %100           15         M126         X         -1.03         -1.132         0         %100           16         M127         X				2.414	2.414		
5         M116         X        035        035         0         %100           7         M117         X         -1.007         -1.007         0         %100           8         M117         X         -1.007         -1.007         0         %100           9         M118         X         -1.159         -1.159         0         %100           10         M118         X         -1.158         -1.158         0         %100           11         M124         X         -1.588         -1.588         0         %100           11         M124         X         -1.588         -1.03         0         %100           12         M124         Z         2.999         2.2999         0         %100           13         M125         X         -103         -103         0         %100           14         M125         X         -103         -103         0         %100           16         M126         X         -1328         -1328         0         %100           17         M127         X         -1328         -1328         0         %100           18			X				
6         M116         Z         .06         .06         0         %100           7         7         M117         X         -1,007         0         %100           8         M117         Z         1,744         1,744         0         %100           9         M118         X         -1,159         -1,159         0         %100           10         M148         Z         2,2007         2,2007         0         %100           11         M124         X         -1,558         -1,558         0         %100           12         M124         Z         2,699         2,699         0         %100           13         M125         X         -,103         -,103         0         %100           14         M125         X         -,103         -,103         0         %100           15         M126         X         -,103         -,103         0         %100           15         M127         X         -,1,328         -,1,328         0         %100           17         M127         X         -,1,328         -,1,328         0         %100           19							
T							
8         M117         Z         1.744         1.744         0         %100           9         M118         X         -1.159         0         %100           10         M118         Z         2.007         2.007         0         %100           12         M124         X         -1.558         -1.558         0         %100           12         M124         Z         2.699         2.699         0         %100           13         M125         X         -1.03         -1.03         0         %100           14         M125         X         -1.03         -1.03         0         %100           15         M126         X         -1.03         -1.03         0         %100           15         M126         X         -1.03         -1.03         0         %100           17         M127         X         -1.328         -1.328         0         %100           17         M127         X         -1.328         -1.328         0         %100           18         M127         Z         2.3         2.3         0         %100           20         M128 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
M118			X				
10							
11							
12	10	M118		2.007	2.007	0	
13				-1.558	-1. <u>558</u>	0	
14         M125         Z	12			2.699	2.699	0	%100
15			X		103	0	
16         M126         Z         .178         .1328         0         %100           17         M127         X         -1,328         -1,328         0         %100           18         M127         Z         2,3         2,3         0         %100           19         M128         X         -1,328         -1,328         0         %100           20         M128         X         -1,328         -1,328         0         %100           21         MP1A         X         -1,678         -1,678         0         %100           21         MP1A         X         -1,678         -1,678         0         %100           22         MP1A         X         -1,678         -0,35         0         %100           24         M18         X         -,035         -0,35         0         %100           24         M18         X         -,035         -0,05         0         %100           25         M19         X         -1,007         -1,007         0         %100           26         M19         Z         1,744         1,744         0         %100           27	14	M125	Z	.178	.178	0	%100
16         M126         Z         .178         .1328         .1328         0         %100           18         M127         Z         2.3         2.3         0         %100           19         M128         X         -1.328         -1.328         0         %100           20         M128         Z         2.3         2.3         0         %100           21         MP1A         X         -1.678         -1.678         0         %100           21         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         X         -1.678         -1.678         0         %100           23         M18         X        035         -0.35         0         %100           24         M18         Z         .06         .06         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         Z         1.744         1.744         0         %100           27         M20         X         -1.159         -1.159         0         %100           28	15	M126	X	103	103	0	%100
18         M127         Z         2.3         2.3         0         %100           20         M128         X         -1.328         -1.328         0         %100           20         M128         Z         2.3         2.3         0         %100           21         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         X         -1.678         -1.678         0         %100           23         M18         X         -0.35         -0.35         0         %100           24         M18         Z         .06         .06         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         Z         1.744         1.744         0         %100           28         M20         Z         2.007         2.007         0         %100           28         M20         Z         2.007         2.007         0         %100           30         M21 <td>16</td> <td>M126</td> <td>Z</td> <td>.178</td> <td>.178</td> <td>0</td> <td>%100</td>	16	M126	Z	.178	.178	0	%100
18         M127         Z         2.3         2.3         0         %100           20         M128         X         -1.328         -1.328         0         %100           20         M128         Z         2.3         2.3         0         %100           21         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         X         -1.678         -1.678         0         %100           23         M18         X         -0.35         -0.35         0         %100           24         M18         Z         .06         .06         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         Z         1.744         1.744         0         %100           28         M20         Z         2.007         2.007         0         %100           28         M20         Z         2.007         2.007         0         %100           30         M21 <td>17</td> <td>M127</td> <td>Х</td> <td>-1.328</td> <td>-1.328</td> <td>0</td> <td>%100</td>	17	M127	Х	-1.328	-1.328	0	%100
19	18		Z		2.3	0	
20         M128         Z         2.3         2.3         0         %100           21         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         Z         2.997         2.997         0         %100           23         M18         X        035        035         0         %100           24         M18         X        035        035         0         %100           24         M18         X        035        035         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         Z         1.744         1.744         0         %100           27         M20         X         -1.159         -1.159         0         %100           28         M20         Z         2.007         2.007         0         %100           30         M21         X        809        809         0         %100           31         M22         X        041        041         0         %100           32         M22 <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>0</td> <td></td>			X			0	
21         MP1A         X         -1.678         -1.678         0         %100           22         MP1A         Z         2.907         2.907         0         %100           23         M18         X        035         0         %100           24         M18         Z         .06         06         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         X         -1.007         -1.007         0         %100           26         M19         X         -1.159         -1.159         0         %100           27         M20         X         -1.159         -1.159         0         %100           28         M20         X         -1.159         -1.159         0         %100           29         M21         X        809        809         0         %100           30         M21         Z         1.401         1.401         0         %100           32         M22         Z         .072         .072         0.72         0         %100           33         M21A<							
22         MP1A         Z         2.907         2.907         0         %100           23         M18         X        035        035         0         %100           24         M18         Z         .06         .06         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         X         -1.007         -1.007         0         %100           26         M19         X         -1.007         -1.007         0         %100           27         M20         X         -1.159         -1.159         0         %100           28         M20         Z         2.007         2.007         0         %100           30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         X        041        041         0         %100           34         M21A         X        809        809         0         %100           35         M23 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
23         M18         X        035        035         0         %100           24         M18         Z         .06         .06         0         %100           25         M19         X         -1.007         -1.007         0         %100           26         M19         Z         1.744         1.744         0         %100           27         M20         X         -1.159         -1.159         0         %100           28         M20         Z         2.007         2.007         0         %100           29         M21         X        809        809         0         %100           30         M21         Z        041         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         .072         0         %100           34         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23							
24         M18         Z         06         0         %100           25         M19         X         -1,007         -1,007         0         %100           26         M19         Z         1,744         1,744         0         %100           27         M20         X         -1,159         -1,159         0         %100           28         M20         Z         2,007         2,007         0         %100           29         M21         X         -,809         -,809         0         %100           30         M21         Z         1,401         1,401         0         %100           31         M22         X         -,041         -,041         0         %100           32         M22         Z         .072         0.72         0         %100           33         M21A         X         -,809         -,809         0         %100           34         M21A         X         -,809         -,809         0         %100           34         M21A         X         -,809         -,809         0         %100           35         M23         X							
25         M19         X         -1.007         -1.007         0         %100           26         M19         Z         1.744         1.744         0         %100           27         M20         X         -1.159         0         %100           28         M20         Z         2.007         2.007         0         %100           29         M21         X        809        809         0         %100           30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         .072         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         X        041        041         0         %100           37         M23A         X			7				
26         M19         Z         1.744         1.744         0         %100           27         M20         X         -1.159         -1.159         0         %100           28         M20         Z         2.007         0         %100           29         M21         X        809        809         0         %100           30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         .072         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         0.72         0         %100           36         M23         Z         .072         0         %100           38         M23A         Z         .2.23							
27         M20         X         -1.159         -1.159         0         %100           28         M20         Z         2.007         2.007         0         %100           29         M21         X        809        809         0         %100           30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         .072         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         .2.23         2.223         0         %100           40         M24 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
28         M20         Z         2.007         2.007         0         %100           29         M21         X        809        809         0         %100           30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         .072         0         %100           34         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         X        041        041         0         %100           36         M23         X        041        041         0         %100           38         M23A         X         -1.283         -1.283         0         %100           39         M24         X        621        621         0         %100           40         M24							
29         M21         X        809        809         0         %100           30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         .072         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           37         M23A         X        1.283         -1.283         0         %100           38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25			7				
30         M21         Z         1.401         1.401         0         %100           31         M22         X        041        041         0         %100           32         M22         Z         .072         0.72         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           36         M23A         X        041        041         0         %100           37         M23A         X        1.283         -1.283         0         %100           38         M23A         X        1.283         -1.283         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25<							
31         M22         X        041        041         0         %100           32         M22         Z         .072         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           36         M23         X        041        041         0         %100           38         M23A         X        1283         -1.283         0         %100           38         M23A         X        621        621         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z							
32         M22         Z         .072         .072         0         %100           33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           37         M23A         X         -1.283         -1.283         0         %100           37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         2.223         2.23         0         %100           38         M23A         Z         2.223         2.23         0         %100           38         M23A         Z         2.223         2.23         0         %100           40         M24         X        621        621         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
33         M21A         X        809        809         0         %100           34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           43         M26         X         -1.328         -1.328         0         %100           44         M26         Z         2.3         2.3         0         %100           45         M27							
34         M21A         Z         1.401         1.401         0         %100           35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           43         M26         X         -1.328         -1.328         0         %100           44         M26         Z         2.3         2.3         0         %100           45         M27							
35         M23         X        041        041         0         %100           36         M23         Z         .072         .072         0         %100           37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           43         M26         X         -1.328         -1.328         0         %100           45         M27         X         -1.328         -1.328         0         %100           45         M27         X         -1.328         -1.328         0         %100           46         M27         Z         2.3         2.3         0         %100           47         M28			7				
36         M23         Z         .072         .072         0         %100           37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           42         M26         X         -1.328         -1.328         0         %100           43         M26         X         -1.328         -1.328         0         %100           45         M27         X         -1.328         -1.328         0         %100           46         M27         Z         2.3         2.3         0         %100           47         M28         X         -1.328         -1.328         0         %100           48         M28 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
37         M23A         X         -1.283         -1.283         0         %100           38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           43         M26         X         -1.328         -1.328         0         %100           44         M26         Z         2.3         2.3         0         %100           45         M27         X         -1.328         -1.328         0         %100           46         M27         Z         2.3         2.3         0         %100           47         M28         X         -1.328         -1.328         0         %100           49         M29         X         -1.328         -1.328         0         %100           50         M29							
38         M23A         Z         2.223         2.223         0         %100           39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           43         M26         X         -1.328         -1.328         0         %100           43         M26         X         -1.328         -1.328         0         %100           45         M27         X         -1.328         -1.328         0         %100           46         M27         Z         2.3         2.3         0         %100           47         M28         X         -1.328         -1.328         0         %100           48         M28         Z         2.3         2.3         0         %100           49         M29         X         -1.328         -1.328         0         %100           50         M29							
39         M24         X        621        621         0         %100           40         M24         Z         1.075         1.075         0         %100           41         M25         X         -1.328         -1.328         0         %100           42         M25         Z         2.3         2.3         0         %100           43         M26         X         -1.328         -1.328         0         %100           44         M26         Z         2.3         2.3         0         %100           45         M27         X         -1.328         -1.328         0         %100           46         M27         Z         2.3         2.3         0         %100           47         M28         X         -1.328         -1.328         0         %100           48         M28         Z         2.3         2.3         0         %100           49         M29         X         -1.328         -1.328         0         %100           50         M29         Z         2.3         2.3         0         %100           51         MP2A <td< td=""><td></td><td></td><td>X 7</td><td></td><td></td><td></td><td></td></td<>			X 7				
40       M24       Z       1.075       1.075       0       %100         41       M25       X       -1.328       -1.328       0       %100         42       M25       Z       2.3       2.3       0       %100         43       M26       X       -1.328       -1.328       0       %100         44       M26       Z       2.3       2.3       0       %100         45       M27       X       -1.328       -1.328       0       %100         46       M27       Z       2.3       2.3       0       %100         47       M28       X       -1.328       -1.328       0       %100         48       M28       Z       2.3       2.3       0       %100         49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z							
41       M25       X       -1.328       -1.328       0       %100         42       M25       Z       2.3       2.3       0       %100         43       M26       X       -1.328       -1.328       0       %100         44       M26       Z       2.3       2.3       0       %100         45       M27       X       -1.328       -1.328       0       %100         46       M27       Z       2.3       2.3       0       %100         47       M28       X       -1.328       -1.328       0       %100         48       M28       Z       2.3       2.3       0       %100         49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         54       MP3A       Z							
42       M25       Z       2.3       2.3       0       %100         43       M26       X       -1.328       -1.328       0       %100         44       M26       Z       2.3       2.3       0       %100         45       M27       X       -1.328       -1.328       0       %100         46       M27       Z       2.3       2.3       0       %100         47       M28       X       -1.328       -1.328       0       %100         48       M28       Z       2.3       2.3       0       %100         49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         53       MP3A       X       -1.678       -1.678       0       %100         54       MP3A       Z       2.907       2.907       0       %100         55       M161       X <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
43       M26       X       -1.328       -1.328       0       %100         44       M26       Z       2.3       2.3       0       %100         45       M27       X       -1.328       -1.328       0       %100         46       M27       Z       2.3       2.3       0       %100         47       M28       X       -1.328       -1.328       0       %100         48       M28       Z       2.3       2.3       0       %100         49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         53       MP3A       X       -1.678       -1.678       0       %100         54       MP3A       Z       2.907       2.907       0       %100         55       M161       X      768      768       0       %100         56       M161							
44       M26       Z       2.3       2.3       0       %100         45       M27       X       -1.328       -1.328       0       %100         46       M27       Z       2.3       2.3       0       %100         47       M28       X       -1.328       -1.328       0       %100         48       M28       Z       2.3       2.3       0       %100         49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         53       MP3A       X       -1.678       -1.678       0       %100         54       MP3A       Z       2.907       2.907       0       %100         55       M161       X      768      768       0       %100         56       M161       Z       1.33       1.33       0       %100							
45         M27         X         -1.328         -1.328         0         %100           46         M27         Z         2.3         2.3         0         %100           47         M28         X         -1.328         -1.328         0         %100           48         M28         Z         2.3         2.3         0         %100           49         M29         X         -1.328         -1.328         0         %100           50         M29         Z         2.3         2.3         0         %100           51         MP2A         X         -1.678         -1.678         0         %100           52         MP2A         Z         2.907         2.907         0         %100           53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100			<u> </u>				
46         M27         Z         2.3         2.3         0         %100           47         M28         X         -1.328         -1.328         0         %100           48         M28         Z         2.3         2.3         0         %100           49         M29         X         -1.328         -1.328         0         %100           50         M29         Z         2.3         2.3         0         %100           51         MP2A         X         -1.678         -1.678         0         %100           52         MP2A         Z         2.907         2.907         0         %100           53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100							
47       M28       X       -1.328       -1.328       0       %100         48       M28       Z       2.3       2.3       0       %100         49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         53       MP3A       X       -1.678       -1.678       0       %100         54       MP3A       Z       2.907       2.907       0       %100         55       M161       X      768      768       0       %100         56       M161       Z       1.33       1.33       0       %100							
48         M28         Z         2.3         2.3         0         %100           49         M29         X         -1.328         -1.328         0         %100           50         M29         Z         2.3         2.3         0         %100           51         MP2A         X         -1.678         -1.678         0         %100           52         MP2A         Z         2.907         2.907         0         %100           53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100							
49       M29       X       -1.328       -1.328       0       %100         50       M29       Z       2.3       2.3       0       %100         51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         53       MP3A       X       -1.678       -1.678       0       %100         54       MP3A       Z       2.907       2.907       0       %100         55       M161       X      768      768       0       %100         56       M161       Z       1.33       1.33       0       %100			X				
50         M29         Z         2.3         2.3         0         %100           51         MP2A         X         -1.678         -1.678         0         %100           52         MP2A         Z         2.907         2.907         0         %100           53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100							
51       MP2A       X       -1.678       -1.678       0       %100         52       MP2A       Z       2.907       2.907       0       %100         53       MP3A       X       -1.678       -1.678       0       %100         54       MP3A       Z       2.907       2.907       0       %100         55       M161       X      768      768       0       %100         56       M161       Z       1.33       1.33       0       %100			X				
52         MP2A         Z         2.907         2.907         0         %100           53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100							
52         MP2A         Z         2.907         2.907         0         %100           53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100							
53         MP3A         X         -1.678         -1.678         0         %100           54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100	52	MP2A	Z				%100
54         MP3A         Z         2.907         2.907         0         %100           55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100			X				
55         M161         X        768        768         0         %100           56         M161         Z         1.33         1.33         0         %100			Z				
56 M161 Z 1.33 1.33 0 %100							
	57	M162	X	768	768	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
58	M162	Z	1.33	1.33	0	%100
59	M163	X	046	046	0	%100
60	M163	Z	.079	.079	0	%100
61	M164	Х	555	555	0	%100
62	M164	Z	.961	.961	0	%100
63	M165	X	-1.324	-1.324	0	%100
64	M165	Z	2.294	2.294	0	%100
65	M168	X	-1.558	-1.558	0	%100
66	M168	Z	2.699	2.699	0	%100
67	M169	X	-1.276	-1.276	0	%100
68	M169	Z	2.21	2.21	0	%100
69	M170	X	-1.276	-1.276	0	%100
70	M170	Z	2.21	2.21	0	%100
71	M171	X	-1.328	-1.328	0	%100
72	M171	Z	2.3	2.3	0	%100
73	M172	X	-1.328	-1.328	0	%100
74	M172	Z	2.3	2.3	0	%100
75	MP1B	X	-1.678	-1. <u>678</u>	0	%100
76	MP1B	Z	2.907	2.907	0	%100
77	M176	X	046	046	0	%100
78	M176	Z	.079	.079	0	%100
79	M177	X	555	<u>55</u> 5	0	%100
80	M177	Z	.961	.961	0	%100
81	M178	X	-1.324	-1.324	0	%100
82	M178	Z	2.294	2.294	0	%100
83	M179	X	-2.582	-2.582	0	%100
84	M179	Z	4.472	4.472	0	%100
85	M180	X	514	514	0	%100
86	M180	Z	.89	.89	0	%100
87	M181	X	-2.582	-2.582	0	%100
88	M181	Z	4.472	4.472	0	%100
89	M182	X	514	514	0	%100
90	M182	Z	.89	.89	0	%100
91	M183	X	-1.283	-1.283	0	%100
92	M183	Z	2.223	2.223	0	%100
93	M184	X	891	891	0	%100 %100
94	M184	Z	1.544	1.544	0	%100 %100
95	M185	X	-1.328	-1.328	0	%100
96	M185	Z	2.3	2.3	0	%100 %100
97	M186	X	-1.328	-1.328	0	%100 %100
98	M186	Z	2.3	2.3	0	%100 %100
99	M187	X	-1.328	-1.328	0	%100 %100
100	M187	Z	2.3	2.3	0	%100 %100
101	M188	X	-1.328	-1.328	0	%100 %100
102	M188	Z	2.3	2.3	0	%100 %100
103	M189	X	-1.328	-1.328	0	%100 %100
104	M189	Z	2.3	2.3	0	%100 %100
105	MP2B	X	-1.678	-1.678	0	%100 %100
106	MP2B	Z	2.907	2.907	0	%100 %100
107	MP3B	X	-1.678	-1.678	0	%100 %100
108	MP3B	Z	2.907	2.907	0	%100 %100
109	M201	X	768	<u>2.907</u> 768	0	%100 %100
110	M201	Z	1.33	1.33	0	%100 %100
111	M202	X	768	768	0	%100 %100
112	M202	Z	1.33	1.33	0	%100 %100
113	M203	X	-1.324	-1.324	0	%100 %100
114	M203	Z	2.294	2.294	0	%100

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

115         M204         X        555        555         0           116         M204         Z         .961         .961         0           117         M205         X        046         0         0           118         M205         Z         .079         .079         0           119         M208         X         -1.558         -1.558         0           120         M208         Z         2.699         0         0           121         M209         X        899        899         0         0           122         M209         Z         1.557         1.557         0         0         1           124         M210         Z         1.557         1.557         0         0         0         1         1         0         0         0         0         0         0         1         1         0         <	%100 %100
117         M205         X        046        046         0           118         M205         Z         .079         .079         0           119         M208         X         -1.558         -1.558         0           120         M208         Z         2.699         2.699         0           121         M209         X        899        899         0           122         M209         Z         1.557         1.557         0           123         M210         X        899        899         0           124         M210         Z         1.557         1.557         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0	
118         M205         Z         .079         .079           119         M208         X         -1.558         -1.558         0           120         M208         Z         2.699         2.699         0           121         M209         X        899        899         0           122         M209         Z         1.557         1.557         0           123         M210         X        899        899         0           124         M210         Z         1.557         1.557         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0 <t< td=""><td></td></t<>	
119         M208         X         -1.558         -1.558         0           120         M208         Z         2.699         2.699         0           121         M209         X        899        899         0           122         M209         Z         1.557         1.557         0           123         M210         X        899        899         0           124         M210         Z         1.557         1.557         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           128         M212         X         -1.328         -1.328         0           129         MP1C         X         -1.678         -1.678         0           130         M216         X         -1.324         -1.324         0	%100
120         M208         Z         2.699         2.699         0           121         M209         X        899        899         0           122         M209         Z         1.557         1.557         0           123         M210         X        899        899         0           124         M210         Z         1.557         1.557         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           126         M212         X         -1.328         -1.328         0           127         M212         X         -1.328         -1.328         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         X         -1.678         -1.678         0           131         M216         X         -1.324         -1.324         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0	%100
121         M209         X        899        899         0           122         M209         Z         1.557         1.557         0           123         M210         X        899        899         0           124         M210         Z         1.557         0         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         X         -1.324         -1.324         0           133         M217         X        555        555         0           134         M217         X        555        555         0	%100
122         M209         Z         1.557         0           123         M210         X        899        899         0           124         M210         Z         1.557         1.557         0           124         M210         Z         1.557         0         1.557         0           125         M211         X         -1.328         -1.328         0         0           126         M211         Z         2.3         2.3         0         0           127         M212         X         -1.328         -1.328         0         0           128         M212         Z         2.3         2.3         0         0         128         M212         Z         2.3         2.3         0         0         129         MP1C         X         -1.678         -1.328         0         0         129         MP1C         X         -1.678         -1.678         0         0         131         M216         X         -1.678         0         1         132         M216         X         -1.324         -1.324         0         0         133         M216         X         -1.324         0	%100
123         M210         X        899        899         0           124         M210         Z         1.557         1.557         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         X        965        961         961         0           135         M218         X        046        046	%100
124         M210         Z         1.557         1.557         0           125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X         -555         -555         0           134         M217         X         -555         0         0           135         M218         X         -046         -046         0           135         M218         X         -046         -046         0           136         M218         X         -2.03         -2.03         0	%100
125         M211         X         -1.328         -1.328         0           126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         X        046        046         0           136         M218         X         -2.03         -2.03         0           138         M219         X         -2.03         -2.03         0	%100
126         M211         Z         2.3         2.3         0           127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.997         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         X        046        046         0           137         M219         X         -2.03         -2.03         0           138         M219         X         -3.62        362         0	%100
127         M212         X         -1.328         -1.328         0           128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0	%100
128         M212         Z         2.3         2.3         0           129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0 <t< td=""><td>%100</td></t<>	%100
129         MP1C         X         -1.678         -1.678         0           130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0	%100
130         MP1C         Z         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144 <td>%100</td>	%100
130         MP1C         Z         2.907         2.907         0           131         M216         X         -1.324         -1.324         0           132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0	%100
132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         -1.283	%100
132         M216         Z         2.294         2.294         0           133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         -1.283	%100
133         M217         X        555        555         0           134         M217         Z         .961         .961         0           135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         0           146         M223         Z         2.223         2.223         0 <td>%100</td>	%100
134       M217       Z       .961       .961       0         135       M218       X      046      046       0         136       M218       Z       .079       .079       0         137       M219       X       -2.03       -2.03       0         138       M219       Z       3.517       3.517       0         139       M220       X      362      362       0         140       M220       Z       .627       .627       0         141       M221       X       -2.03       -2.03       0         142       M221       Z       3.517       3.517       0         143       M222       X      362      362       0         144       M222       Z       .627       .627       0         145       M223       X       -1.283       -1.283       0         146       M223       Z       2.223       2.223       0	%100
135         M218         X        046        046         0           136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         0           146         M223         Z         2.223         2.223         0	%100
136         M218         Z         .079         .079         0           137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         0           146         M223         Z         2.223         2.223         0	%100
137         M219         X         -2.03         -2.03         0           138         M219         Z         3.517         3.517         0           139         M220         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         0           146         M223         Z         2.223         2.223         0	%100
138         M219         Z         3.517         3.517         0           139         M20         X        362        362         0           140         M220         Z         .627         .627         0           141         M221         X         -2.03         -2.03         0           142         M221         Z         3.517         3.517         0           143         M222         X        362        362         0           144         M222         Z         .627         .627         0           145         M223         X         -1.283         -1.283         0           146         M223         Z         2.223         2.223         0	%100
139       M220       X      362      362       0         140       M220       Z       .627       .627       0         141       M221       X       -2.03       -2.03       0         142       M221       Z       3.517       3.517       0         143       M222       X      362      362       0         144       M222       Z       .627       .627       0         145       M223       X       -1.283       -1.283       0         146       M223       Z       2.223       2.223       0	%100
140     M220     Z     .627     0       141     M221     X     -2.03     -2.03     0       142     M221     Z     3.517     3.517     0       143     M222     X    362    362     0       144     M222     Z     .627     .627     0       145     M223     X     -1.283     -1.283     0       146     M223     Z     2.223     2.223     0	%100 %100
141     M221     X     -2.03     -2.03     0       142     M221     Z     3.517     3.517     0       143     M222     X    362    362     0       144     M222     Z     .627     .627     0       145     M223     X     -1.283     -1.283     0       146     M223     Z     2.223     2.223     0	%100 %100
142     M221     Z     3.517     0       143     M222     X    362    362     0       144     M222     Z     .627     .627     0       145     M223     X     -1.283     -1.283     0       146     M223     Z     2.223     2.223     0	%100 %100
143     M222     X    362    362     0       144     M222     Z     .627     .627     0       145     M223     X     -1.283     -1.283     0       146     M223     Z     2.223     2.223     0	%100 %100
144     M222     Z     .627     .627     0       145     M223     X     -1.283     -1.283     0       146     M223     Z     2.223     2.223     0	%100 %100
145         M223         X         -1.283         -1.283         0           146         M223         Z         2.223         2.223         0	%100 %100
146 M223 Z 2.223 2.223 0	%100 %100
	%100 %100
147 M224 X804804 0 148 M224 Z 1.393 1.393 0	%100 %100
149 M225 X -1.328 -1.328 0	%100
150 M225 Z 2.3 2.3 0	%100
151 M226 X -1.328 -1.328 0	%100
152 M226 Z 2.3 2.3 0	%100
153 M227 X -1.328 -1.328 0	%100
154 M227 Z 2.3 2.3 0	%100
155 M228 X -1.328 -1.328 0	%100
156 M228 Z 2.3 2.3 0	%100
157 M229 X -1.328 -1.328 0	%100
158 M229 Z 2.3 2.3 0	%100
159 MP2C X -1.678 -1.678 0	%100
160 MP2C Z 2.907 2.907 0	%100
161 MP3C X -1.678 -1.678 0	%100
162 MP3C Z 2.907 2.907 0	%100
163 M121 X7777 0	%100
164 M121 Z 1.334 1.334 0	%100
165 M122A X145145 0	%100
166 M122A Z .252 .252 0	%100
167 M123A X -1.62 -1.62 0	%100
168 M123A Z 2.806 2.806 0	%100
169 M124A X7777 0	%100
170 M124A Z 1.334 1.334 0	%100
171 M125A X145145 0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
172	M125A	Z	.252	.252	0	%100
173	M126A	X	-1.62	-1.62	0	%100
174	M126A	Z	2.806	2.806	0	%100
175	OVP1	X	-1.678	-1.678	0	%100
176	OVP1	Z	2.907	2.907	0	%100
177	OVP2	Х	-1.678	-1.678	0	%100
178	OVP2	Z	2.907	2.907	0	%100
179	M133	X	-1.563	-1.563	0	%100
180	M133	Z	2.706	2.706	0	%100
181	M137	Х	861	861	0	%100
182	M137	Z	1.491	1.491	0	%100
183	M141	Х	861	861	0	%100
184	M141	Z	1.491	1.491	0	%100
185	M148	X	123	123	0	%100
186	M148	Z	.213	.213	0	%100
187	M149	Х	-1.076	-1.076	0	%100
188	M149	Z	1.863	1.863	0	%100
189	M150	Х	-1.532	-1.532	0	%100
190	M150	Z	2.653	2.653	0	%100
191	M151	X	-1.481	-1.481	0	%100
192	M151	Z	2.565	2.565	0	%100
193	M152	X	262	262	0	%100
194	M152	Z	.453	.453	0	%100
195	M153	X	769	769	0	%100
196	M153	Z	1.332	1.332	0	%100
197	M151A	X	865	865	0	%100
198	M151A	Z	1.499	1.499	0	%100
199	M152A	X	903	903	0	%100
200	M152A	Z	1.564	1.564	0	%100
201	M153A	X	356	356	0	%100
202	M153A	Z	.616	.616	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	805	805	0	%100 <sup>-</sup>
2	M109	Z	.465	.465	0	%100
3	M110	X	805	805	0	%100
4	M110	Z	.465	.465	0	%100
5	M116	X	287	287	0	%100
6	M116	Z	.166	.166	0	%100
7	M117	X	581	581	0	%100
8	M117	Z	.336	.336	0	%100
9	M118	X	-2.234	-2.234	0	%100
10	M118	Z	1.29	1.29	0	%100
11	M124	X	-2.699	-2.699	0	%100
12	M124	Z	1.558	1.558	0	%100
13	M125	X	-1.326	-1.326	0	%100
14	M125	Z	.766	.766	0	%100
15	M126	X	-1.326	-1.326	0	%100
16	M126	Z	.766	.766	0	%100
17	M127	X	-2.3	-2.3	0	%100
18	M127	Z	1.328	1.328	0	%100
19	M128	X	-2.3	-2.3	0	%100
20	M128	Z	1.328	1.328	0	%100
21	MP1A	X	-2.907	-2.907	0	%100
22	MP1A	Z	1.678	1.678	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
23	M18	X	287	287	0	%100
24	M18	Z	.166	.166	0	%100
25	M19	X	581	581	0	%100
26	M19	Z	.336	.336	0	%100
27	M20	X	-2.234	-2.234	0	%100
28	M20	Z	1.29	1.29	0	%100
29	M21	X	-3.163	-3.163	0	%100
30	M21	Z	1.826	1.826	0	%100
31	M22	X	534	534	0	%100
32	M22	Z	.308	.308	0	%100
33	M21A	X	-3.163	-3.163	0	%100
34	M21A	Z	1.826	1.826	0	%100
35	M23	X	534	534	0	%100
36	M23	Z	.308	.308	0	%100
37	M23A	X	-2.223	-2.223	0	%100
38	M23A	Z	1.283	1.283	0	%100
39	M24	X	-1.34	-1.34	0	%100
40	M24	Z	.774	.774	0	%100
41	M25	Х	-2.3	-2.3	0	%100
42	M25	Z	1.328	1.328	0	%100
43	M26	X	-2.3	-2.3	0	%100
44	M26	Z	1.328	1.328	0	%100
45	M27	X	-2.3	-2.3	0	%100
46	M27	Z	1.328	1.328	0	%100
47	M28	X	-2.3	-2.3	0	%100
48	M28	Z	1.328	1.328	0	%100
49	M29	X	-2.3	-2.3	0	%100
50	M29	Z	1.328	1.328	0	%100 %100
51	MP2A	X	-2.907	-2.907	0	%100
52	MP2A	Z	1.678	1.678	0	%100 %100
53	MP3A	X	-2.907	-2.907	0	%100
54	MP3A	Z	1.678	1.678	0	%100 %100
55	M161	X	097	097	0	%100 %100
56	M161	Z	.056	.056	0	%100 %100
57	M162	X	097	097	0	%100 %100
58	M162	Z	.056	.056	0	%100 %100
59	M163	X	976	976	0	%100 %100
60	M163	Z	.563	.563	0	%100 %100
61	M164	X	07	07	0	%100 %100
62	M164	Z	.04	07 .04	0	%100 %100
						%100 %100
63	M165 M165	Z	-1.745 1.007	-1.745 1.007	0	%100 %100
64 65	<u>мноэ</u> М168	X	-2.699	-2.699	0	%100 %100
66	M168	Z	-2.699 1.558	-2.699 1.558	0	%100 %100
67						%100 %100
	M169	X Z	-2.625 1.516	-2.625 1.516	0	
68	M169		1.516	1.516	0	%100 %100
69	M170	X	-2.625	-2.625	0	%100
70	M170	Z	1.516	1.516	0	%100
71	M171	X	-2.3	-2.3	0	%100
72	M171	Z	1.328	1.328	0	%100
73	M172	X	-2.3	-2.3	0	%100
74	M172	Z	1.328	1.328	0	%100
75	MP1B	X	-2.907	-2.907	0	%100
76	MP1B	Z	1.678	1.678	0	%100
77	M176	X	976	976	0	%100
78	M176	Z	.563	.563	0	%100
79	M177	X	07	07	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
80	M177	Z	.04	.04	0	%100
81	M178	X	-1.745	-1.745	0	%100
82	M178	Z	1.007	1.007	0	%100
83	M179	X	-5.168	-5.168	0	%100
84	M179	Z	2.984	2.984	0	%100
85	M180	X	-1.057	-1.057	0	%100
86	M180	Z	.61	.61	0	%100
87	M181	X	-5.168	-5.168	0	%100
88	M181	Z	2.984	2.984	0	%100
89	M182	X	-1.057	-1.057	0	%100
90	M182	Z	.61	.61	0	%100
91	M183	X	-2.223	-2.223	0	%100
92	M183	Z	1.283	1.283	0	%100
93	M184	X	-1.639	-1.639	0	%100
94	M184	Z	.946	.946	0	%100
95	M185	X	-2.3	-2.3	0	%100
96	M185	Z	1.328	1.328	0	%100 %100
97	M186	X Z	-2.3	-2.3	0	%100 %100
98	M186		1.328	1.328	0	%100 %100
99	M187	X	-2.3	-2.3	0	%100 %100
	M187	Z	1.328	1.328	0	%100 %100
101 102	M188	X Z	-2.3	<u>-2.3</u> 1.328	0	%100 %100
102	M188	X	1.328 -2.3	-2.3		%100 %100
103	M189 M189	Z	1.328	1.328	0	%100 %100
105						%100 %100
	MP2B	X Z	-2.907	<u>-2.907</u> 1.678	0	
106 107	MP2B MP3B	X	1.678 -2.907	-2.907	0	%100 %100
107	MP3B	Z	1.678	-2.907 1.678	0	%100 %100
109	M201	X	-2.842	-2.842	0	%100 %100
110	M201	Z	1.641	1.641	0	%100 %100
111	M202	X	-2.842	-2.842	0	%100 %100
112	M202	Z	1.641	<u>-2.042</u> 1.641	0	%100 %100
113	M203	X	-1.696	-1.696	0	%100 %100
114	M203	Z	.979	.979	0	%100 %100
115	M204	X	-2.053	-2.053	0	%100 %100
116	M204	Z	1.185	1.185	0	%100 %100
117	M205	X	25	25	0	%100 %100
118	M205	Z	.145	.145	0	%100 %100
119	M208	X	-2.699	-2.699	0	%100 %100
120	M208	Z	1.558	1.558	0	%100 %100
121	M209	X	31	31	0	%100 %100
122	M209	Z	.179	.179	0	%100 %100
123	M210	X	31	31	0	%100 %100
124	M210	Z	.179	.179	0	%100
125	M211	X	-2.3	-2.3	0	%100
126	M211	Z	1.328	1.328	0	%100
127	M212	X	-2.3	-2.3	0	%100
128	M212	Z	1.328	1.328	Ö	%100 %100
129	MP1C	X	-2.907	-2.907	0	%100
130	MP1C	Z	1.678	1.678	0	%100
131	M216	Х	-1.696	-1.696	0	%100
132	M216	Z	.979	.979	0	%100
133	M217	X	-2.053	-2.053	0	%100
134	M217	Z	1.185	1.185	0	%100
135	M218	X	25	25	0	%100
136	M218	Z	.145	.145	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
137	M219	X	-1.604	-1.604	0	%100
138	M219	Z	.926	.926	0	%100
139	M220	Х	125	125	0	%100
140	M220	Z	.072	.072	0	%100
141	M221	X	-1.604	-1.604	0	%100
142	M221	Z	.926	.926	0	%100
143	M222	X	125	125	0	%100
144	M222	Z	.072	.072	0	%100
145	M223	X	-2.223	-2.223	0	%100
146	M223	Z	1.283	1.283	0	%100
147	M224	X	-1.105	-1.105	0	%100
148	M224	Z	.638	.638	0	%100
149	M225	X	-2.3	-2.3	0	%100
150	M225	Z	1.328	1.328	0	%100
151	M226	X	-2.3	-2.3	0	%100
152	M226	Z	1.328	1.328	0	%100
153	M227	X	-2.3	-2.3	0	%100
154	M227	Z	1.328	1.328	0	%100
155	M228	X	-2.3	-2.3	0	%100
156	M228	Z	1.328	1.328	0	%100
157	M229	X	-2.3	-2.3	0	%100
158	M229	Z	1.328	1.328	0	%100
159	MP2C	Х	-2.907	-2.907	0	%100
160	MP2C	Z	1.678	1.678	0	%100
161	MP3C	Х	-2.907	-2.907	0	%100
162	MP3C	Z	1.678	1.678	0	%100
163	M121	X	-2.648	-2.648	0	%100
164	M121	Z	1.529	1.529	0	%100
165	M122A	X	144	144	0	%100
166	M122A	Z	.083	.083	0	%100
167	M123A	X	-1.671	-1.671	0	%100
168	M123A	Z	.964	.964	0	%100
169	M124A	X	-2.648	-2.648	0	%100
170	M124A	Z	1.529	1.529	0	%100 %100
171	M125A	X	144	144	0	%100
172	M125A	Z	.083	.083	0	%100 %100
173	M126A	X	-1.671	-1.671	0	%100 %100
174	M126A	Z	.964	.964	0	%100 %100
175	OVP1	X	-2.907	-2.907	0	%100
176	OVP1	Z	1.678	1.678	0	%100 %100
177	OVP2	X	-2.907	-2.907	0	%100
178	OVP2	Z	1.678	1.678	0	%100 %100
179	M133	X	902	902	0	%100 %100
180	M133	Z	.521	.521	0	%100 %100
181	M137	X	109	109	0	%100 %100
182	M137	Z	.063	.063	0	%100 %100
183	M141	X	-3.186	-3.186	0	%100 %100
184	M141	Z	1.84	1.84	0	%100 %100
185	M148	X	-1.592	-1.592	0	%100 %100
186	M148	Z	.919	.919	0	%100 %100
187	M149	X	371	371	0	%100 %100
188	M149	Z	.214	.214	0	%100 %100
189	M150	X	-3.151	-3.151	0	%100 %100
190	M150	Z	1.819	-3.151 1.819	0	%100 %100
191	M151	X	-1.198	-1.198	0	%100 %100
191			.692			
	M151	Z		.692	0	%100 %100
193	M152	X	04	04	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	.023	.023	0	%100
195	M153	X	-2.647	-2.647	0	%100
196	M153	Z	1.528	1.528	0	%100
197	M151A	X	284	284	0	%100
198	M151A	Z	.164	.164	0	%100
199	M152A	X	327	327	0	%100
200	M152A	Z	.189	.189	0	%100
201	M153A	Х	-1.92	-1.92	0	%100
202	M153A	Z	1.109	1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	0	0	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	0	0	0	%100
5	M116	Х	-1.587	-1.587	0	%100
6	M116	Z	0	0	0	%100
7	M117	Х	0	0	0	%100
8	M117	Z	0	0	0	%100
9	M118	Х	-1.587	-1.587	0	%100
10	M118	Z	0	0	0	%100
11	M124	X	-3.117	-3.117	0	%100
12	M124	Z	0	0	0	%100
13	M125	X	-2.858	-2.858	0	%100
14	M125	Z	0	0	0	%100
15	M126	X	-2.858	-2.858	0	%100
16	M126	Z	0	0	0	%100
17	M127	X	-2.656	-2.656	0	%100
18	M127	Z	0	0	0	%100
19	M128	X	-2.656	-2.656	0	%100
20	M128	Z	0	0	0	%100
21	MP1A	Х	-3.356	-3.356	0	%100
22	MP1A	Z	0	0	0	%100
23	M18	X	-1.587	-1.587	0	%100
24	M18	Z	0	0	0	%100
25	M19	Х	0	0	0	%100
26	M19	Z	0	0	0	%100
27	M20	Х	-1.587	-1.587	0	%100
28	M20	Z	0	0	0	%100
29	M21	Х	-5.688	-5.688	0	%100
30	M21	Z	0	0	0	%100
31	M22	X	-1.151	-1.151	0	%100
32	M22	Z	0	0	0	%100
33	M21A	X	-5.688	-5.688	0	%100
34	M21A	Z	0	0	0	%100
35	M23	Х	-1.151	-1.151	0	%100
36	M23	Z	0	0	0	%100
37	M23A	X	-2.566	-2.566	0	%100
38	M23A	Z	0	0	0	%100
39	M24	Х	-1.853	-1.853	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-2.656	-2.656	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	-2.656	-2.656	0	%100
44	M26	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
45	<u>M27</u>	X	-2.656	-2.656	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	-2.656	-2.656	0	%100
48	M28	Z	0	0	0	%100
49	M29	Χ	-2.656	-2.656	0	%100
50	M29	Z	0	0	0	%100
51	MP2A	X	-3.356	-3.356	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-3.356	-3.356	0	%100
54	MP3A	Z	0	0	0	%100
55	M161	X	435	435	0	%100
56	M161	Z	0	0	0	%100
57	M162	X	435	435	0	%100
58	M162	Z	0	0	0	%100
59	M163	X	-2.36	-2.36	0	%100
60	M163	Z	0	0	0	%100
61	M164	Х	314	314	0	%100
62	M164	Z	0	0	0	%100
63	M165	Х	691	691	0	%100
64	M165	Z	0	0	0	%100
65	M168	X	-3.117	-3.117	0	%100
66	M168	Z	0	0	0	%100
67	M169	X	-2.011	-2.011	0	%100
68	M169	Ž	0	0	Ö	%100
69	M170	X	-2.011	-2.011	0	%100
70	M170	Z	0	0	0	%100 %100
71	M171	X	-2.656	-2.656	0	%100 %100
72	M171	Z	0	0	0	%100 %100
73	M172	X	-2.656	-2.656	0	%100 %100
74	M172	Z	0	0	0	%100 %100
75	MP1B	X	-3.356	-3.356	0	%100 %100
76	MP1B	Z	0	0	0	%100 %100
77	M176	X	-2.36	-2.36	0	%100 %100
78	M176	Z	0	0	0	%100 %100
79	M177	X	314	314	0	%100 %100
80	M177	Z	0	0	0	%100 %100
81	M178	X	691	691	0	%100 %100
82	M178	Z	091	0	0	%100 %100
83	M179	X	-4.457	<u>-4.457</u>	0	%100 %100
84	M179 M179	Z	-4.457	0	0	%100 %100
						%100 %100
85	M180	X Z	81 0	<u>81</u> 0	0	
86	M180	X	<u> </u>	<del>_</del>	0	%100 %100
87	M181	Z	-4.457 0	-4.457 0	0	%100 %100
88	M181 M182	X	81	<u></u>		%100 %100
					0	
90	M182	Z	0	0	0	%100 %100
91	M183	X	-2.566	-2.566	0	%100
92	M183	Z	0	0	0	%100
93	M184	X	-1.658	-1.658	0	%100
94	M184	Z	0	0	0	%100
95	M185	X	-2.656	-2.656	0	%100
96	M185	Z	0	0	0	%100
97	M186	X	-2.656	-2.656	0	%100
98	M186	Z	0	0	0	%100
99	M187	X	-2.656	-2.656	0	%100
100	M187	Z	0	0	0	%100
101	M188	X	-2.656	-2.656	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
102	M188	Z	0	0	0	%100
103	M189	X	-2.656	-2.656	0	%100
104	M189	Z	0	0	0	%100
105	MP2B	X	-3.356	-3.356	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	-3.356	-3.356	0	%100
108	MP3B	Z	0	0	0	%100
109	M201	X	-3.605	-3.605	0	%100
110	M201	Z	0	0	0	%100
111	M202	X	-3.605	-3.605	0	%100
112	M202	Z	0	0	0	%100
113	M203	X	634	634	0	%100
114	M203	Z	0	0	0	%100
115	M204	X	-2.604	-2.604	0	%100
116	M204	Z	0	0	0	%100
117	M205	X	-1.522	-1.522	0	%100
118	M205	Z	0	0	0	%100
119	M208	X	-3.117	-3.117	0	%100
120	M208	Z	0	0	0	%100
121	M209	X	092	092	0	%100
122	M209	Z	0	0	0	%100
123	M210	X	092	092	0	%100
124	M210	Z	0	0	0	%100
125	M211	X	-2.656	-2.656	0	%100
126	M211	Z	0	0	0	%100
127	M212	X	-2.656	-2.656	0	%100
128	M212	Z	0	0	0	%100
129	MP1C	X	-3.356	-3.356	0	%100
130	MP1C	Z	0	0	0	%100
131	M216	X	634	634	0	%100
132	M216	Z	0	0	0	%100
133	M217	X	-2.604	-2.604	0	%100
134	M217	Z	0	0	0	%100
135	M218	X	-1.522	-1.522	0	%100
136	M218	Z	0	0	0	%100
137	M219	X	-1.444	-1.444	0	%100
138	M219	Z	0	0	0	%100
139	M220	X	037	037	0	%100
140	M220	Z	0	0	0	%100
141	M221	X	-1.444	-1.444	0	%100
142	M221	Z	0	0	0	%100
143	M222	X	037	037	0	%100
144	M222	Z	0	0	0	%100
145	M223	X	-2.566	-2.566	0	%100
146	M223	Z	0	0	0	%100
147	M224	X	-1.215	-1.215	0	%100
148	M224	Z	0	0	0	%100
149	M225	X	-2.656	-2.656	0	%100
150	M225	Z	0	0	0	%100 %100
151	M226	X	-2.656	-2.656	0	%100 %100
152	M226	Z	0	0	0	%100 %100
153	M227	X	-2.656	-2.656	0	%100 %100
154	M227	Z	0	0	0	%100 %100
155	M228	X	-2.656	-2.656	0	%100 %100
156	M228	Z	0	0	0	%100 %100
157	M229	X	-2.656	-2.656	0	%100 %100
158	M229	Z	0	0	0	%100 %100
100	IVIZZJ		U	U	U	/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
159	MP2C	X	-3.356	-3.356	0	%100
160	MP2C	Z	0	0	0	%100
161	MP3C	X	-3.356	-3.356	0	%100
162	MP3C	Z	0	0	0	%100
163	M121	X	-3.196	-3.196	0	%100
164	M121	Z	0	0	0	%100
165	M122A	X	-1.554	-1.554	0	%100
166	M122A	Z	0	0	0	%100
167	M123A	X	367	367	0	%100
168	M123A	Z	0	0	0	%100
169	M124A	Χ	-3.196	-3.196	0	%100
170	M124A	Z	0	0	0	%100
171	M125A	X	-1.554	-1.554	0	%100
172	M125A	Z	0	0	0	%100
173	M126A	Χ	367	367	0	%100
174	M126A	Z	0	0	0	%100
175	OVP1	Χ	-3.356	-3.356	0	%100
176	OVP1	Z	0	0	0	%100
177	OVP2	Х	-3.356	-3.356	0	%100
178	OVP2	Z	0	0	0	%100
179	M133	Χ	0	0	0	%100
180	M133	Z	0	0	0	%100
181	M137	Χ	487	487	0	%100
182	M137	Z	0	0	0	%100
183	M141	Х	-4.041	-4.041	0	%100
184	M141	Z	0	0	0	%100
185	M148	X	-3.43	-3.43	0	%100
186	M148	Z	0	0	0	%100
187	M149	X	111	111	0	%100
188	M149	Z	0	0	0	%100
189	M150	X	-2.414	-2.414	0	%100
190	M150	Z	0	0	0	%100
191	M151	X	1	1	0	%100
192	M151	Z	0	0	0	%100
193	M152	X	-1.201	-1.201	0	%100
194	M152	Z	0	0	0	%100
195	M153	X	-3.197	-3.197	0	%100
196	M153	Z	0	0	0	%100
197	M151A	X	105	105	0	%100
198	M151A	Z	0	0	0	%100
199	M152A	X	078	078	0	%100
200	M152A	Z	0	0	0	%100
201	M153A	X	-3.013	-3.013	0	%100
202	M153A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	805	805	0	%100
2	M109	Z	465	465	0	%100
3	M110	X	805	805	0	%100
4	M110	Z	465	465	0	%100
5	M116	X	-2.234	-2.234	0	%100
6	M116	Z	-1.29	-1.29	0	%100
7	M117	X	581	581	0	%100
8	M117	Z	336	336	0	%100
9	M118	X	287	287	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
10	M118	Z	166	166	0	%100
11	M124	Χ	-2.699	-2.699	0	%100
12	M124	Z	-1.558	-1.558	0	%100
13	M125	Χ	-2.475	-2.475	0	%100
14	M125	Z	-1.429	-1.429	0	%100
15	M126	X	-2.475	-2.475	0	%100
16	M126	Z	-1.429	-1.429	0	%100
17	M127	X	-2.3	-2.3	0	%100
18	M127	Z	-1.328	-1.328	0	%100
19	M128	X	-2.3	-2.3	0	%100
20	M128	Z	-1.328	-1.328	0	%100
21	MP1A	X	-2.907	-2.907	0	%100
22	MP1A	Z	-1.678	-1.678	0	%100
23	M18	X	-2.234	-2.234	0	%100
24	M18	Z	-1.29	-1.29	0	%100
25	M19	X	581	581	0	%100
26	M19	Z	336	336	0	%100
27	M20	Χ	287	287	0	%100
28	M20	Z	166	166	0	%100
29	M21	X	-4.926	-4.926	0	%100
30	M21	Z	-2.844	-2.844	0	%100
31	M22	X	997	997	0	%100
32	M22	Z	576	576	0	%100
33	M21A	X	-4.926	-4.926	0	%100
34	M21A	Z	-2.844	-2.844	0	%100
35	M23	X	997	997	0	%100
36	M23	Z	576	576	0	%100
37	M23A	X	-2.223	-2.223	0	%100
38	M23A	Z	-1.283	-1.283	0	%100
39	M24	X	-1.605	-1.605	0	%100
40	M24	Z	926	926	0	%100
41	M25	X	-2.3	-2.3	0	%100
42	M25	Z	-1.328	-1.328	0	%100
43	M26	Χ	-2.3	-2.3	0	%100
44	M26	Z	-1.328	-1.328	0	%100
45	M27	X	-2.3	-2.3	0	%100
46	M27	Z	-1.328	-1.328	0	%100
47	M28	Χ	-2.3	-2.3	0	%100
48	M28	Z	-1.328	-1.328	0	%100
49	M29	X	-2.3	-2.3	0	%100
50	M29	Z	-1.328	-1.328	0	%100
51	MP2A	X	-2.907	-2.907	0	%100
52	MP2A	Z	-1.678	-1.678	0	%100
53	MP3A	X	-2.907	-2.907	0	%100
54	MP3A	Z	-1.678	-1.678	0	%100
55	M161	X	-1.889	-1.889	0	%100
56	M161	Z	-1.09	-1.09	0	%100
57	M162	X	-1.889	-1.889	0	%100
58	M162	Z	-1.09	-1.09	0	%100
59	M163	X	-2.215	-2.215	0	%100
60	M163	Z	-1.279	-1.279	0	%100
61	M164	X	-1.364	-1.364	0	%100
62	M164	Z	788	788	0	%100
63	M165	X	000353	000353	0	%100
64	M165	Z	000204	000204	0	%100
65	M168	X	-2.699	-2.699	0	%100
66	M168	Z	-1.558	-1.558	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
67	M169	X	443	443	0	%100
68	M169	Z	256	256	0	%100
69	M170	X	443	443	0	%100
70	M170	Z	256	256	0	%100
71	M171	X	-2.3	-2.3	0	%100
72	M171	Z	-1.328	-1.328	0	%100 %100
73	M172	X	-2.3	-2.3	0	%100 %100
74	M172	Z	-1.328	-1.328	0	%100 %100
	MP1B		-2.907	-1.326 -2.907		%100 %100
75		X			0	
76	MP1B	Z	-1.678	-1.678	0	%100
77	M176	X	-2.215	-2.215	0	%100
78	M176	Z	-1.279	-1.279	0	%100
79	M177	X	-1.364	-1.364	0	%100
80	M177	Z	788	788	0	%100
81	M178	X	000353	000353	0	%100
82	M178	Z	000204	000204	0	%100
83	M179	X	-1.855	-1.855	0	%100
84	M179	Z	-1.071	-1.071	0	%100
85	M180	X	178	178	0	%100
86	M180	Z	103	103	0	%100
87	M181	X	-1.855	-1. <u>85</u> 5	0	%100
88	M181	Z	-1.071	-1.071	0	%100
89	M182	X	178	178	0	%100
90	M182	Z	103	103	0	%100 %100
91	M183	X	-2.223	-2.223	0	%100 %100
92	M183	7	-1.283	-1.283	0	%100 %100
93	M184	X	-1.136	-1.265 -1.136	0	%100 %100
94		Z			0	
	M184		656	<u>656</u>		%100 %100
95	M185	X	-2.3	-2.3	0	%100
96	M185	Z	-1.328	-1.328	0	%100
97	M186	X	-2.3	-2.3	0	%100
98	M186	Z	-1.328	-1.328	0	%100
99	M187	X	-2.3	-2.3	0	%100
100	M187	Z	-1.328	-1.328	0	%100
101	M188	X	-2.3	-2.3	0	%100
102	M188	Z	-1.328	-1.328	0	%100
103	M189	X	-2.3	-2.3	0	%100
104	M189	Z	-1.328	-1.328	0	%100
105	MP2B	X	-2.907	-2.907	0	%100
106	MP2B	Z	-1.678	-1.678	0	%100
107	MP3B	X	-2.907	-2.907	0	%100
108	MP3B	Z	-1.678	-1.678	0	%100
109	M201	X	-1.889	-1.889	0	%100
110	M201	Z	-1.09	-1.09	0	%100 %100
111	M202		-1.889	-1.889	0	%100 %100
112	M202	X Z	-1.09	-1.09	0	%100 %100
113	M203	X	000353	000353	0	%100 %100
114	M203	Z	000333	000333	0	%100 %100
115	M204	X	-1.364	000204 -1.364	0	%100 %100
		7				
116	M204	Z	788	788	0	%100 %100
117	M205	X	-2.215	-2.215	0	%100
118	M205	Z	-1.279	-1.279	0	%100
119	M208	X	-2.699	-2.699	0	%100
120	M208	Z	-1.558	-1.558	0	%100
121	M209	X Z	-1.096	-1.096	0	%100
122	M209		633	633	0	%100
123	M210	X	-1.096	-1.096	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
124	M210	Z	633	633	0	%100
125	M211	X	-2.3	-2.3	0	%100
126	M211	Z	-1.328	-1.328	0	%100
127	M212	X	-2.3	-2.3	0	%100
128	M212	Z	-1.328	-1.328	0	%100
129	MP1C	X	-2.907	-2.907	0	%100
130	MP1C	Z	-1.678	-1.678	0	%100
131	M216	X	000353	000353	0	%100
132	M216	Z	000204	000204	0	%100
133	M217	X	-1.364	-1.364	0	%100
134	M217	Z	788	788	0	%100
135	M218	X	-2.215	-2.215	0	%100
136	M218	Z	-1.279	-1.279	0	%100
137	M219	X	-2.81	-2.81	0	%100
138	M219	Z	-1.622	-1.622	0	%100
139	M220	X	441	441	0	%100
140	M220	Z	255	255	0	%100
141	M221	X	-2.81	-2.81	0	%100
142	M221	Z	-1.622	-1.622	0	%100
143	M222	Х	441	441	0	%100
144	M222	Z	255	255	0	%100
145	M223	Х	-2.223	-2.223	0	%100
146	M223	Z	-1.283	-1.283	0	%100
147	M224	X	-1.287	-1.287	0	%100
148	M224	Z	743	743	0	%100
149	M225	X	-2.3	-2.3	0	%100
150	M225	Z	-1.328	-1.328	0	%100
151	M226	X	-2.3	-2.3	0	%100
152	M226	Z	-1.328	-1.328	0	%100 %100
153	M227	X	-2.3	-2.3	0	%100 %100
154	M227	Z	-1.328	-1.328	0	%100
155	M228	X	-2.3	-2.3	0	%100 %100
156	M228	Z	-1.328	-1.328	0	%100 %100
157	M229	X	-2.3	-2.3	0	%100 %100
158	M229	Z	-1.328	-1.328	0	%100 %100
159	MP2C	X	-2.907	-2.907	0	%100 %100
160	MP2C	Z	-1.678	-1.678	0	%100 %100
161	MP3C	X	-2.907	-2.907	0	%100 %100
162	MP3C	Z	-1.678	-1.678	0	%100 %100
163	M121	X	-1.573	-1.573	0	%100 %100
164	M121	Z	908	908	0	%100 %100
165	M122A	X	-2.655	-2.655	0	%100 %100
166	M122A	Z	-1.533	-1.533	0	%100 %100
167	M123A	X	1	1	0	%100 %100
168	M123A	Z	058	058	0	%100 %100
169	M124A	X	-1.573	-1.573	0	%100 %100
170	M124A	Z	908	908	0	%100 %100
171	M125A	X	-2.655	- <u>.908</u> -2.655	0	%100 %100
172	M125A	Z	-1.533	-2.655 -1.533	0	%100 %100
173	M126A	X	-1.535 1	-1.555 1	0	%100 %100
		Z	I 058	1 058	0	
174	M126A					%100 %100
175	OVP1	X Z	-2.907 4.679	-2.907 4.679	0	%100 %100
176	OVP1		-1.678 2.007	<u>-1.678</u>	0	%100 %100
177	OVP2	X	-2.907	-2.907	0	%100
178	OVP2	Z	-1.678	-1.678	0	%100
179	M133	X	902	902	0	%100
180	M133	Z	521	521	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
181	M137	X	-2.118	-2.118	0	%100 <sup>-</sup>
182	M137	Z	-1.223	-1.223	0	%100
183	M141	X	-2.118	-2.118	0	%100
184	M141	Z	-1.223	-1.223	0	%100
185	M148	X	-2.97	-2.97	0	%100
186	M148	Z	-1.715	-1.715	0	%100
187	M149	X	-1.312	-1.312	0	%100
188	M149	Z	757	757	0	%100
189	M150	X	532	532	0	%100
190	M150	Z	307	307	0	%100
191	M151	Х	342	342	0	%100
192	M151	Z	197	197	0	%100
193	M152	Х	-2.453	-2.453	0	%100
194	M152	Z	-1.416	-1.416	0	%100
195	M153	X	-1.575	-1.575	0	%100
196	M153	Z	909	909	0	%100
197	M151A	X	-1.111	-1.111	0	%100
198	M151A	Z	642	642	0	%100
199	M152A	X	-1.046	-1.046	0	%100
200	M152A	Z	604	604	0	%100
201	M153A	X	-1.994	-1.994	0	%100
202	M153A	Z	-1.151	-1.151	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	-1.394	-1.394	0	%100
2	M109	Z	-2.414	-2.414	0	%100
3	M110	X	-1.394	-1.394	0	%100
4	M110	Z	-2.414	-2.414	0	%100
5	M116	X	-1.159	-1.159	0	%100
6	M116	Z	-2.007	-2.007	0	%100
7	M117	X	-1.007	-1.007	0	%100
8	M117	Z	-1.744	-1.744	0	%100
9	M118	X	035	035	0	%100
10	M118	Z	06	06	0	%100
11	M124	X	-1.558	-1.558	0	%100
12	M124	Z	-2.699	-2.699	0	%100
13	M125	X	766	766	0	%100
14	M125	Z	-1.326	-1.326	0	%100
15	M126	X	766	766	0	%100
16	M126	Z	-1.326	-1.326	0	%100
17	M127	X	-1.328	-1.328	0	%100
18	M127	Z	-2.3	-2.3	0	%100
19	M128	X	-1.328	-1.328	0	%100
20	M128	Z	-2.3	-2.3	0	%100
21	MP1A	X	-1.678	-1.678	0	%100
22	MP1A	Z	-2.907	-2.907	0	%100
23	M18	X	-1.159	-1.159	0	%100
24	M18	Z	-2.007	-2.007	0	%100
25	M19	X	-1.007	-1.007	0	%100
26	M19	Z	-1.744	-1.744	0	%100
27	M20	X	035	035	0	%100
28	M20	Z	06	06	0	%100
29	M21	X	-1.826	-1.826	0	%100
30	M21	Z	-3.163	-3.163	0	%100
31	M22	X	308	308	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
32	M22	Z	534	534	0	%100
33	M21A	X	-1.826	-1.826	0	%100
34	M21A	Z	-3.163	-3.163	0	%100
35	M23	X	308	308	0	%100
36	M23	Z	534	534	0	%100
37	M23A	Χ	-1.283	-1.283	0	%100
38	M23A	Z	-2.223	-2.223	0	%100
39	M24	Χ	774	774	0	%100
40	M24	Z	-1.34	-1.34	0	%100
41	M25	X	-1.328	-1.328	0	%100
42	M25	Z	-2.3	-2.3	0	%100
43	M26	X	-1.328	-1.328	0	%100
44	M26	Z	-2.3	-2.3	0	%100
45	M27	X	-1.328	-1.328	0	%100
46	M27	Z	-2.3	-2.3	0	%100
47	M28	X	-1.328	-1.328	0	%100
48	M28	Z	-2.3	-2.3	0	%100
49	M29	X Z	-1.328	-1.328	0	%100 %100
50	M29		-2.3	-2.3	0	%100
51	MP2A	X Z	-1.678	-1.678	0	%100 %400
52	MP2A MP3A		-2.907	<u>-2.907</u>	0	%100 %100
53	MP3A	X Z	-1.678 -2.907	<u>-1.678</u>	0	
54 55	M161	X	-2.907	<u>-2.907</u> -1.802	0	%100 %100
56	M161	Z	-3.122	-3.122	0	%100 %100
57	M162	X	-1.802	-3.122 -1.802	0	%100 %100
58	M162	Z	-3.122	-3.122	0	%100 %100
59	M163	X	761	- <u>.</u> -3.122 761	0	%100 %100
60	M163	Z	-1.318	-1.318	0	%100 %100
61	M164	X	-1.302	-1.302	0	%100 %100
62	M164	Z	-2.255	-2.255	0	%100 %100
63	M165	X	317	317	0	%100 %100
64	M165	Z	549	549	0	%100 %100
65	M168	X	-1.558	-1.558	0	%100 %100
66	M168	Z	-2.699	-2.699	0	%100 %100
67	M169	X	016	016	0	%100
68	M169	Z	028	028	0	%100
69	M170	X	016	016	0	%100
70	M170	Z	028	028	0	%100
71	M171	Х	-1.328	-1.328	0	%100
72	M171	Z	-2.3	-2.3	0	%100
73	M172	Х	-1.328	-1.328	0	%100
74	M172	Z	-2.3	-2.3	0	%100
75	MP1B	X	-1.678	-1.678	0	%100
76	MP1B	Z	-2.907	-2.907	0	%100
77	M176	X	761	761	0	%100
78	M176	Z	-1.318	-1.318	0	%100
79	M177	X Z	-1.302	-1.302	0	%100
80	M177		-2.255	-2.255	0	%100
81	M178	X	317	317	0	%100
82	M178	Z	549	549	0	%100
83	M179	X	669	669	0	%100
84	M179	Z	-1.159	<u>-1.159</u>	0	%100
85	M180	X	006	006	0	%100
86	M180	Z	011	011	0	%100
87	M181	X	669	669	0	%100
88	M181	Z	-1.159	-1.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
89	M182	X	006	006	0	%100
90	M182	Z	011	011	0	%100
91	M183	X	-1.283	-1.283	0	%100
92	M183	Z	-2.223	-2.223	0	%100
93	M184	X	601	601	0	%100
94	M184	Z	-1.04	-1.04	0	%100
95	M185	X	-1.328	-1.328	0	%100
96	M185	Z	-2.3	-2.3	0	%100
97	M186	X	-1.328	-1.328	0	%100
98	M186	Z	-2.3	-2.3	0	%100
99	M187	X	-1.328	-1.328	0	%100
100	M187	Z	-2.3	-2.3	0	%100
101	M188	X	-1.328	-1.328	0	%100
102	M188	Z	-2.3	-2.3	0	%100
103	M189	X	-1.328	-1.328	0	%100
104	M189	Z	-2.3	-2.3	0	%100
105	MP2B	X	-1.678	-1.678	0	%100
106	MP2B	Z	-2.907	-2.907	0	%100
107	MP3B	Χ	-1.678	-1.678	0	%100
108	MP3B	Z	-2.907	-2.907	0	%100
109	M201	X	217	217	0	%100
110	M201	Z	377	377	0	%100
111	M202	X	217	217	0	%100
112	M202	Z	377	377	0	%100
113	M203	X	345	345	0	%100
114	M203	Z	598	598	0	%100
115	M204	X	157	157	0	%100
116	M204	Z	272	272	0	%100
117	M205	Χ	-1.18	-1.18	0	%100
118	M205	Z	-2.044	-2.044	0	%100
119	M208	X	-1.558	-1.558	0	%100
120	M208	Z	-2.699	-2.699	0	%100
121	M209	X	-1.352	-1.352	0	%100
122	M209	Z	-2.343	-2.343	0	%100
123	M210	X	-1.352	-1.352	0	%100
124	M210	Z	-2.343	-2.343	0	%100
125	M211	X	-1.328	-1.328	0	%100
126	M211	Z	-2.3	-2.3	0	%100
127	M212	X	-1.328	-1.328	0	%100
128	M212	Z	-2.3	-2.3	0	%100
129	MP1C	X	-1.678	-1.678	0	%100
130	MP1C	Z	-2.907	-2.907	0	%100
131	M216	X Z	345	345	0	%100 %100
132	M216		598	<u>598</u>	0	%100 %100
133	M217	X	157	157	0	%100 %100
134	M217	Z	272	272	0	%100 %100
135	M218	X	-1.18	<u>-1.18</u>	0	%100
136	M218	Z	-2.044	-2.044	0	%100 %400
137	M219	X Z	-2.727	-2.727	0	%100 %100
138	M219		-4.723	<u>-4.723</u>	0	%100 %100
139	M220	X	545	545	0	%100 %100
140	M220	Z	944	944	0	%100 %100
141	M221	X	-2.727	-2.727	0	%100 %100
142	M221	Z	-4.723	-4.723 -4.723	0	%100 %100
143	M222	X Z	545	545	0	%100 %100
144	M222		944	944	0	%100 %100
145	M223	X	-1.283	-1.283	0	%100

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: Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:40 PM Checked By:\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
146	M223	Z	-2.223	-2.223	0	%100
147	M224	X	909	909	0	%100
148	M224	Z	-1.574	-1.574	0	%100
149	M225	Χ	-1.328	-1.328	0	%100
150	M225	Z	-2.3	-2.3	0	%100
151	M226	X	-1.328	-1.328	0	%100
152	M226	Z	-2.3	-2.3	0	%100
153	M227	X	-1.328	-1.328	0	%100
154	M227	Z	-2.3	-2.3	0	%100
155	M228	X	-1.328	-1.328	0	%100
156	M228	Z	-2.3	-2.3	0	%100
157	M229	X	-1.328	-1.328	0	%100
158	M229	Z	-2.3	-2.3	0	%100
159	MP2C	X	-1.678	-1.678	0	%100
160	MP2C	Z	-2.907	-2.907	0	%100
161	MP3C	X	-1.678	-1.678	0	%100
162	MP3C	Z	-2.907	-2.907	0	%100
163	M121	X	149	149	0	%100
164	M121	Z	259	259	0	%100
165	M122A	X Z	-1.595	<u>-1.595</u>	0	%100
166	M122A		-2.762	-2.762	0	%100 %100
167 168	M123A	X Z	714	714	0	%100
169	M123A M124A	X	-1.236 149	-1.236 149	0	%100 %100
170	M124A	Z	259	149 259	0	%100 %100
171	M125A	X	-1.595	-1.595	0	%100 %100
172	M125A	Z	-2.762	-2.762	0	%100 %100
173	M126A	X	-2.702	- <u>-2.702</u> 714	0	%100 %100
174	M126A	Z	-1.236	-1.236	0	%100 %100
175	OVP1	X	-1.678	-1.678	0	%100 %100
176	OVP1	Z	-2.907	-2.907	0	%100 %100
177	OVP1	X	-1.678	-1.678	0	%100 %100
178	OVP2	Z	-2.907	-2.907	0	%100 %100
179	M133	X	-1.563	-1.563	0	%100 %100
180	M133	Z	-2.706	-2.706	0	%100 %100
181	M137	X	-2.021	-2.021	0	%100 %100
182	M137	Z	-3.5	-3.5	0	%100 %100
183	M141	X	244	244	0	%100
184	M141	Z	422	422	0	%100
185	M148	X	919	919	0	%100
186	M148	Z	-1.592	-1.592	0	%100
187	M149	X	-1.619	-1.619	0	%100
188	M149	Z	-2.804	-2.804	0	%100
189	M150	X	019	019	0	%100
190	M150	Z	033	033	0	%100
191	M151	X	986	986	0	%100
192	M151	Z	-1.708	-1.708	0	%100
193	M152	X	-1.655	-1.655	0	%100
194	M152	Z	-2.867	-2.867	0	%100
195	M153	X	15	15	0	%100
196	M153	Z	26	26	0	%100
197	<u>M151A</u>	X	-1.343	-1.343	0	%100
198	M151A	Z	-2.326	-2.326	0	%100
199	M152A	X	-1.318	-1.318	0	%100
200	M152A	Z	-2.284	-2.284	0	%100
201	M153A	X	398	398	0	%100
202	M153A	Z	69	69	0	%100

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

1		Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
3							
A							
5         M116         X         0         0         0         %100           7         M117         X         0         0         0         %100           8         M117         X         0         0         0         %100           9         M118         X         0         0         0         %100           10         M118         X         0         0         0         %100           11         M124         X         0         0         0         %100           11         M124         X         0         0         0         %100           13         M125         X         0         0         0         %100           14         M125         X         0         0         0         %100           15         M126         X         0         0         0         %100           16         M127         X         0         0         0         %100           17         M127         X         0         0         0         %100           18         M127         X         0         0         0         %			X				
6         M116         Z         -227         -227         0         %100           8         M117         X         0         0         %100           9         M118         X         0         0         0         %100           10         M118         Z         -227         -227         0         %100           11         M124         X         0         0         0         %100           12         M124         Z         -602         -602         0         %100           12         M124         Z         -602         -602         0         %100           13         M125         X         0         0         0         %100           14         M125         X         0         0         0         %100           15         M126         X         0         0         0         %100           16         M126         X         0         0         0         %100           17         M127         X         0         0         0         %100           17         M127         X         0         0         0							%100
T							
Section   Sect							
9			X				
10							
11							
12					227		
13							
14         M125         Z        04         0         %100           16         M126         X         0         0         0         %100           17         M127         X         0         0         0         %100           18         M127         Z        485        485         0         %100           19         M128         X         0         0         0         %100           20         M128         X         0         0         0         %100           21         MP1A         X         0         0         0         %100           21         MP1A         X         0         0         0         %100           22         MP1A         Z         -616         -616         0         %100           23         M18         X         0         0         0         0         %100           24         M18         Z         -227         -227         -227         0         %100           25         M19         X         0         0         0         0         %100           26         M19         Z							
15			X		0		
16						0	%100
17	15	M126		0	0	0	%100
18         M127         Z        485         0         % 100           19         M128         X         0         0         0         % 100           20         M128         Z        485        485         0         % 100           21         MP1A         X         0         0         0         % 100           22         MP1A         Z        616        616         0         % 100           23         M18         X         0         0         0         0         % 100           24         M18         X         0         0         0         % 100         25         M19         X         0         0         0         % 100         26         M19         X         0         0         0         % 100         26         M19         Z        572        572        572         0         % 100         26         M19         Z        572        572        572         0         % 100         28         M20         Z        227        227         0         % 100         30         M21         X         0         0         0         % 100	16	M126	Z	04	04	0	%100
18         M127         Z        485         0         % 100           19         M128         X         0         0         0         % 100           20         M128         Z        485        485         0         % 100           21         MP1A         X         0         0         0         % 100           22         MP1A         Z        616        616         0         % 100           23         M18         X         0         0         0         0         % 100           24         M18         X         0         0         0         % 100         25         M19         X         0         0         0         % 100         26         M19         X         0         0         0         % 100         26         M19         Z        572        572        572         0         % 100         26         M19         Z        572        572        572         0         % 100         28         M20         Z        227        227         0         % 100         30         M21         X         0         0         0         % 100	17	M127	Х	0	0	0	%100
19			Z	485			
M128			Х			0	
21         MP1A         X         0         0         %100           22         MP1A         Z         -616         -616         0         %100           23         M18         X         0         0         0         %100           24         M18         Z         -227         -227         0         %100           25         M19         X         0         0         0         %100           26         M19         Z         -572         -572         0         %100           26         M19         Z         -572         -572         0         %100           27         M20         X         0         0         0         %100           28         M20         X         0         0         0         %100           29         M21         X         0         0         0         %100           30         M21         Z         -237         -237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z         -007         -007         0				485	485		
22         MP1A         Z         -616         -616         0         %100           23         M18         X         0         0         0         %100           24         M18         Z        227         0         %100           25         M19         X         0         0         0         %100           26         M19         X         0         0         0         %100           27         M20         X         0         0         0         %100           27         M20         X         0         0         0         %100           28         M20         Z        227        227         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         X         0         0         0         %100           33         M21A         X         0         0         0         %100           34         M21A         X         0         0         0							
23         M18         X         0         0         %100           24         M18         Z        227        227         0         %100           25         M19         X         0         0         0         %100           26         M19         Z        572        572         0         %100           27         M20         X         0         0         0         %100           28         M20         Z        227        227         0         %100           29         M21         X         0         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z        007        007         0         %100           34         M21A         X         0         0         0         %100           35         M23         X         0         0         0         %100           36         M23         X         0         0         0					616		
24         M18         Z        227        227         0         %100           25         M19         X         0         0         0         %100           26         M19         Z        572        572         0         %100           27         M20         X         0         0         0         %100           28         M20         Z        227        227         0         %1100           29         M21         X         0         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         X         0         0         0         %100           34         M21A         X         0         0         0         %100           34         M21A         X         0         0         0         %100           35         M23         X         0         0         0         %100           36         M23         X         0         0							
25         M19         X         0         0         %100           26         M19         Z        572        572         0         %1100           27         M20         X         0         0         0         %100           28         M20         Z        227        227         0         %100           29         M21         X         0         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z        007        007         0         %100           32         M22         Z        007        007         0         %100           34         M21A         X         0         0         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007        007         0         %100           36         M23         Z        007        007			Z				%100
26         M19         Z         -572         -572         0         %100           27         M20         X         0         0         0         %100           28         M20         Z        227        227         0         %100           29         M21         X         0         0         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z        007        007         0         %100           33         M21A         X         0         0         0         %100           34         M21A         X         0         0         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007        007         0         %100           38         M23A         X         0         0         0         %100           39         M24         X         0							
27         M20         X         0         0         %100           28         M20         Z        227        227         0         %100           29         M21         X         0         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z        007        007         0         %100           33         M21A         X         0         0         0         %100           34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         X         0         0         0         %100           39         M24         X         0         0         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
28         M20         Z        227        227         0         %100           29         M21         X         0         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z        007        007         0         %100           33         M21A         X         0         0         0         %100           34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         %100           36         M23         X         0         0         0         %100           37         M23A         X         0         0         0         %100           38         M23A         X         0         0         0         %100           39         M24         X         0         0         0         %100           40         M24         X         0         0							
29         M21         X         0         0         %100           30         M21         Z        237        237         0         %100           31         M22         X         0         0         0         %100           32         M22         Z        007        007         0         %100           33         M21A         X         0         0         0         %100           34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0			7		- 227		
30							
31         M22         X         0         0         %100           32         M22         Z        007        007         0         %100           33         M21A         X         0         0         0         %100           34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         0         %100           36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         Z        407        007         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0							
32         M22         Z        007        007         0         %100           33         M21A         X         0         0         0         %100           34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         Z        419        419         0         %100           38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         X         0         0         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           44         M26         X         0							
33         M21A         X         0         0         %100           34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           44         M26         Z        485        485         0         %100           45         M27         X         0         0							
34         M21A         Z        237        237         0         %100           35         M23         X         0         0         0         %100           36         M23         Z        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           40         M24         Z        085        085         0         %100           42         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           44         M26         Z        485        485         0         %100           45         M27         X         0         0							0/ 100
35         M23         X         0         0         %100           36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         0         %100           38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           45         M27         X         0         0         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485			7				
36         M23         Z        007        007         0         %100           37         M23A         X         0         0         0         %100           38         M23A         Z        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           43         M26         Z        485        485         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           48         M29         X         0         0         0<							
37         M23A         X         0         0         %100           38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           40         M25         X         0         0         0         %100           42         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           43         M26         X         0         0         0         %100           44         M26         Z        485        485         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0							
38         M23A         Z        419        419         0         %100           39         M24         X         0         0         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           43         M26         X         0         0         0         %100           45         M27         X         0         0         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           49         M29         X         0         0         0         %100           50         M29         Z        485        485							
39         M24         X         0         0         %100           40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           44         M26         Z        485        485         0         %100           45         M27         X         0         0         0         %100           45         M27         X         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           48         M28         Z        485        485         0         %100           49         M29         X         0         0         0         %100           50         M29         Z        485        485         0			X				
40         M24         Z        085        085         0         %100           41         M25         X         0         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           44         M26         Z        485        485         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           48         M28         Z        485        485         0         %100           49         M29         X         0         0         0         %100           50         M29         Z        485        485         0         %100           51         MP2A         X         0         0         0         %100           52         MP2A         Z        616							
41         M25         X         0         0         %100           42         M25         Z        485        485         0         %100           43         M26         X         0         0         0         %100           44         M26         Z        485        485         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           47         M28         X         0         0         %100           48         M28         Z        485        485         0         %100           49         M29         X         0         0         %100         %100           50         M29         Z        485        485         0         %100           51         MP2A         X         0         0         0         %100           52         MP2A         Z        616        616         0							
42       M25       Z      485      485       0       %100         43       M26       X       0       0       0       %100         44       M26       Z      485      485       0       %100         45       M27       X       0       0       0       %100         46       M27       Z      485      485       0       %100         47       M28       X       0       0       0       %100         48       M28       Z      485      485       0       %100         49       M29       X       0       0       0       %100         50       M29       Z      485      485       0       %100         51       MP2A       X       0       0       0       %100         52       MP2A       Z      616      616       0       %100         53       MP3A       X       0       0       0       %100         54       MP3A       Z      616      616       0       %100         55       M161       X       0       0							
43         M26         X         0         0         %100           44         M26         Z        485         0         %100           45         M27         X         0         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           48         M28         Z        485        485         0         %100           49         M29         X         0         0         0         %100           50         M29         Z        485        485         0         %100           51         MP2A         X         0         0         0         %100           51         MP2A         X         0         0         0         %100           52         MP2A         Z        616        616         0         %100           53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0 <td< td=""><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td></td<>			X				
44       M26       Z      485      485       0       %100         45       M27       X       0       0       0       %100         46       M27       Z      485      485       0       %100         47       M28       X       0       0       0       %100         48       M28       Z      485      485       0       %100         49       M29       X       0       0       0       %100         50       M29       Z      485      485       0       %100         51       MP2A       X       0       0       0       %100         52       MP2A       Z      616      616       0       %100         53       MP3A       X       0       0       0       %100         54       MP3A       Z      616      616       0       %100         55       M161       X       0       0       0       %100         56       M161       Z      658      658       0       %100							
45         M27         X         0         0         %100           46         M27         Z        485        485         0         %100           47         M28         X         0         0         0         %100           48         M28         Z        485        485         0         %100           49         M29         X         0         0         0         %100           50         M29         Z        485        485         0         %100           51         MP2A         X         0         0         0         %100           52         MP2A         Z        616        616         0         %100           53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0         %100           55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100			<u> X</u>				
46       M27       Z      485      485       0       %100         47       M28       X       0       0       0       %100         48       M28       Z      485      485       0       %100         49       M29       X       0       0       0       %100         50       M29       Z      485      485       0       %100         51       MP2A       X       0       0       0       %100         52       MP2A       Z      616      616       0       %100         53       MP3A       X       0       0       0       %100         54       MP3A       Z      616      616       0       %100         55       M161       X       0       0       0       %100         56       M161       Z      658      658       0       %100							
47       M28       X       0       0       0       %100         48       M28       Z      485      485       0       %100         49       M29       X       0       0       0       %100         50       M29       Z      485      485       0       %100         51       MP2A       X       0       0       0       %100         52       MP2A       Z      616      616       0       %100         53       MP3A       X       0       0       0       %100         54       MP3A       Z      616      616       0       %100         55       M161       X       0       0       0       %100         56       M161       Z      658      658       0       %100							
48       M28       Z      485      485       0       %100         49       M29       X       0       0       0       %100         50       M29       Z      485      485       0       %100         51       MP2A       X       0       0       0       %100         52       MP2A       Z      616      616       0       %100         53       MP3A       X       0       0       0       %100         54       MP3A       Z      616      616       0       %100         55       M161       X       0       0       0       %100         56       M161       Z      658      658       0       %100							
49       M29       X       0       0       0       %100         50       M29       Z      485      485       0       %100         51       MP2A       X       0       0       0       %100         52       MP2A       Z      616      616       0       %100         53       MP3A       X       0       0       0       %100         54       MP3A       Z      616      616       0       %100         55       M161       X       0       0       0       %100         56       M161       Z      658      658       0       %100			X				
50         M29         Z        485        485         0         %100           51         MP2A         X         0         0         0         %100           52         MP2A         Z        616        616         0         %100           53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0         %100           55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100							
51         MP2A         X         0         0         0         %100           52         MP2A         Z        616        616         0         %100           53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0         %100           55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100			X				
52         MP2A         Z        616         0         %100           53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0         %100           55         M161         X         0         0         %100           56         M161         Z        658        658         0         %100				485	485		
52         MP2A         Z        616        616         0         %100           53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0         %100           55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100							
53         MP3A         X         0         0         0         %100           54         MP3A         Z        616        616         0         %100           55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100	52	MP2A	Z	616	616		%100
54         MP3A         Z        616         0         %100           55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100			Х				
55         M161         X         0         0         0         %100           56         M161         Z        658        658         0         %100			Z				
56 M161 Z658658 0 %100							

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
58	M162	Z	658	658	0	%100
59	M163	X	0	0	0	%100
60	M163	Z	062	062	0	%100
61	M164	X	0	0	0	%100
62	M164	Z	505	505	0	%100
63	M165	X	0	0	0	%100
64	M165	Z	419	419	0	%100
65	M168	X	0	0	0	%100
66	M168	Z	602	602	0	%100
67	M169	X	0	0	0	%100
68	M169	Z	204	204	0	%100
69	M170	X	0	0	0	%100
70	M170	Z	204	204	0	%100
71	M171	X	0	0	0	%100
72	M171	Z	485	485	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	485	485	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	616	616	0	%100
77	M176	Х	0	0	0	%100
78	M176	Z	062	062	0	%100
79	M177	X	0	0	0	%100
80	M177	Z	505	505	0	%100
81	M178	X	0	0	0	%100
82	M178	Z	419	419	0	%100
83	M179	X	0	0	0	%100
84	M179	Z	68	68	0	%100
85	M180	X	0	0	0	%100
86	M180	Z	033	033	0	%100
87	M181	X	0	0	0	%100
88	M181	Z	68	68	0	%100
89	M182	X	0	0	0	%100
90	M182	Z	033	033	0	%100
91	M183	X	0	0	0	%100
92	M183	Z	419	419	0	%100
93	M184	X	0	0	0	%100
94	M184	Z	098	098	0	%100
95	M185	X	0	0	0	%100
96	M185	Z	485	485	0	%100 %100
97	M186	X	0	0	0	%100 %100
98	M186	Z	485	485	0	%100 %100
99	M187	X	0	0	0	%100
100	M187	Z	485	485	0	%100 %100
101	M188	X	0	0	0	%100 %100
102	M188	Z	485	485	0	%100 %100
103	M189	X	0	0	0	%100 %100
104	M189	Z	485	485	0	%100 %100
105	MP2B	X	0	0	0	%100 %100
106	MP2B	Z	616	616	0	%100 %100
107	MP3B	X	0	0	0	%100 %100
108	MP3B	Z	616	616	0	%100 %100
109	M201	X	0	<u>010</u>	0	%100 %100
110	M201	Z	022	022	0	%100 %100
111	M202	X	022	022 0	0	%100 %100
112	M202	Z	022	022	0	%100 %100
113	M203	X	022	022 0	0	%100 %100
114	M203	Z	432	432	0	%100

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

445	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	1	.End Location[ft,
115	M204	X	0	0	0	%100
116	M204	Z	017	017	0	%100
117	M205	X	0	0	0	%100
118	M205	Z	241	241	0	%100
119	M208	X	0	0	0	%100
120	M208	Z	602	602	0	%100
121	M209	X	0	0	0	%100
122	M209	Z	575	575	0	%100
123	M210	X	0	0	0	%100
124	M210	Z	575	575	0	%100
125	M211	X	0	0	0	%100
126	M211	Z	485	485	0	%100
127	M212	X	0	0	0	%100
128	M212	Z	485	485	0	%100
129	MP1C	X	0	0	0	%100
130	MP1C	Z	616	616	0	%100
131	M216	X	0	0	0	%100
132	M216	Z	432	432	0	%100
133	M217	X	0	0	0	%100
134	M217	Z	017	017	0	%100
135	M218	X	0	0	0	%100
136	M218	Z	241	241	0	%100
137	M219	X	0	0	0	%100
138	M219	Z	-1.765	-1.765	0	%100
139	M220	X	0	0	0	%100
140	M220	Z	094	094	0	%100
141	M221	X	0	0	0	%100
142	M221	Z	-1.765	-1.765	0	%100
143	M222	Х	0	0	0	%100
144	M222	Z	094	094	0	%100
145	M223	Х	0	0	0	%100
146	M223	Z	419	419	0	%100
147	M224	Х	0	0	0	%100
148	M224	Z	128	128	0	%100
149	M225	X	0	0	0	%100
150	M225	Z	485	485	0	%100
151	M226	X	0	0	0	%100
152	M226	Z	485	485	0	%100
153	M227	X	0	0	0	%100
154	M227	Z	485	485	0	%100
155	M228	X	0	0	0	%100
156	M228	Z	485	485	0	%100
157	M229	X	0	0	0	%100
158	M229	Ž	485	485	0	%100
159	MP2C	X	0	0	0	%100
160	MP2C	Z	616	616	0	%100
161	MP3C	X	0	0	0	%100 %100
162	MP3C	Z	616	616	0	%100 %100
163	M121	X	0	0	0	%100 %100
164	M121	Z	029	029	0	%100 %100
165	M122A	X	0	0	0	%100 %100
166	M122A	Z	331	331	0	%100 %100
167	M123A	X	0	0	0	%100 %100
168	M123A	Z	549	549	0	%100 %100
169	M124A	X	549	349 0	0	%100 %100
170	M124A	Z	029	029	0	%100 %100
171	M125A	X	029	029 0	0	%100 %100
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#### Member Distributed Loads (BLC 65: Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
172	M125A	Z	331	331	0	%100
173	M126A	X	0	0	0	%100
174	M126A	Z	549	549	0	%100
175	OVP1	X	0	0	0	%100
176	OVP1	Z	616	616	0	%100
177	OVP2	Х	0	0	0	%100
178	OVP2	Z	616	616	0	%100
179	M133	Х	0	0	0	%100
180	M133	Z	84	84	0	%100
181	M137	Х	0	0	0	%100
182	M137	Z	741	741	0	%100
183	M141	Х	0	0	0	%100
184	M141	Z	025	025	0	%100
185	M148	Х	0	0	0	%100
186	M148	Z	049	049	0	%100
187	M149	Х	0	0	0	%100
188	M149	Z	71	71	0	%100
189	M150	Х	0	0	0	%100
190	M150	Z	252	252	0	%100
191	M151	X	0	0	0	%100
192	M151	Z	598	598	0	%100
193	M152	X	0	0	0	%100
194	M152	Z	396	396	0	%100
195	M153	X	0	0	0	%100
196	M153	Z	029	029	0	%100
197	M151A	X	0	0	0	%100
198	M151A	Z	476	476	0	%100
199	M152A	Х	0	0	0	%100
200	M152A	Z	48	48	0	%100
201	M153A	Х	0	0	0	%100
202	M153A	Z	000131	000131	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	.28	.28	0	%100
2	M109	Z	484	484	0	%100
3	M110	X	.28	.28	0	%100
4	M110	Z	484	484	0	%100
5	M116	X	.007	.007	0	%100
6	M116	Z	013	013	0	%100
7	M117	X	.214	.214	0	%100
8	M117	Z	371	371	0	%100
9	M118	X	.248	.248	0	%100
10	M118	Z	43	43	0	%100
11	M124	X	.301	.301	0	%100
12	M124	Z	522	522	0	%100
13	M125	X	.02	.02	0	%100
14	M125	Z	034	034	0	%100
15	M126	X	.02	.02	0	%100
16	M126	Z	034	034	0	%100
17	M127	X	.242	.242	0	%100
18	M127	Z	42	42	0	%100
19	M128	X	.242	.242	0	%100
20	M128	Z	42	42	0	%100
21	MP1A	X	.308	.308	0	%100
22	MP1A	Z	533	533	0	%100

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

00	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
23	M18	X	.007	.007	0	%100
24	M18	Z X	013	013	0	%100
25	M19	Z	.214	.214	0	%100
26	M19		371	371	0	%100
27	M20	X	.248	.248	0	%100
28	M20	Z	43	43	0	%100
29	M21	X	.118	.118	0	%100
30	M21	Z	205	205	0	%100
31	M22	X	.003	.003	0	%100
32	M22	Z	006	006	0	%100
33	M21A	X	.118	.118	0	%100
34	M21A	Z	205	205	0	%100
35	M23	X	.003	.003	0	%100
36	M23	Z	006	006	0	%100
37	M23A	X	.209	.209	0	%100
38	M23A	Z	362	362	0	%100
39	M24	X	.042	.042	0	%100
40	M24	Z	073	073	0	%100
41	M25	X	.242	.242	0	%100
42	M25	Z	42	42	0	%100
43	M26	X	.242	.242	0	%100
44	M26	Z	42	42	0	%100
45	<u>M27</u>	X	.242	.242	0	%100
46	M27	Z	42	42	0	%100
47	M28	X	.242	.242	0	%100
48	M28	Z	42	42	0	%100
49	M29	X	.242	.242	0	%100
50	M29	Z	42	42	0	%100
51	MP2A	X	.308	.308	0	%100
52	MP2A	Z	533	533	0	%100
53	MP3A	X	.308	.308	0	%100
54	MP3A	Z	533	533	0	%100
55	M161	X	.154	.154	0	%100
56	M161	Z	267	267	0	%100
57	M162	X	.154	.154	0	%100
58	M162	Z	267	267	0	%100
59	M163	X	.01	.01	0	%100
60	M163	Z	017	017	0	%100
61	M164	X	.118	.118	0	%100
62	M164	Z	205	205	0	%100
63	M165	X	.284	.284	0	%100
64	M165	Z	491	491	0	%100
65	M168	X	.301	.301	0	%100
66	M168	Z	522	522	0	%100
67	M169	X	.247	.247	0	%100
68	M169	Z	428	428	0	%100
69	M170	X	.247	.247	0	%100
70	M170	Z	428	428	0	%100
71	M171	X	.242	.242	0	%100
72	M171	Z	42	42	0	%100
73	M172	X	.242	.242	0	%100
74	M172	Z	42	42	0	%100
75	MP1B	X	.308	.308	0	%100
76	MP1B	Z	533	533	0	%100
77	M176	X	.01	.01	0	%100
78	M176	Z	017	017	0	%100
79	M177	Χ	.118	.118	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
80	M177	Z	205	205	0	%100
81	M178	X	.284	.284	0	%100
82	M178	Z	491	491	0	%100
83	M179	X	.757	.757	0	%100
84	M179	Z	-1.311	-1.311	0	%100
85	M180	X	.041	.041	0	%100
86	M180	Z	07	07	0	%100
87	M181	Χ	.757	.757	0	%100
88	M181	Z	-1.311	-1.311	0	%100
89	M182	X	.041	.041	0	%100
90	M182	Z	07	07	0	%100
91	M183	X	.209	.209	0	%100
92	M183	Z	362	362	0	%100
93	M184	Χ	.061	.061	0	%100
94	M184	Z	105	105	0	%100
95	M185	X	.242	.242	0	%100
96	M185	Z	42	42	0	%100
97	M186	Χ	.242	.242	0	%100
98	M186	Z	42	42	0	%100
99	M187	X	.242	.242	0	%100
100	M187	Z	42	42	0	%100
101	M188	X	.242	.242	0	%100
102	M188	Z	42	42	0	%100
103	M189	X	.242	.242	0	%100
104	M189	Z	42	42	0	%100
105	MP2B	X	.308	.308	0	%100
106	MP2B	Z	533	533	0	%100
107	MP3B	X	.308	.308	0	%100
108	MP3B	Z	533	533	0	%100
109	M201	X	.154	.154	0	%100
110	M201	Z	267	267	0	%100
111	M202	X	.154	.154	0	%100
112	M202	Z	267	267	0	%100
113	M203	Χ	.284	.284	0	%100
114	M203	Z	491	491	0	%100
115	M204	X	.118	.118	0	%100
116	M204	Z	205	205	0	%100
117	M205	X	.01	.01	0	%100
118	M205	Z	017	017	0	%100
119	M208	X	.301	.301	0	%100
120	M208	Z	522	522	0	%100
121	M209	X	.174	.174	0	%100
122	M209	Z	301	301	0	%100
123	M210	X	.174	.174	0	%100
124	M210	Z	301	301	0	%100
125	M211	X	.242	.242	0	%100
126	M211	Z	42	42	0	%100
127	M212	X	.242	.242	0	%100
128	M212	Z	42	42	0	%100
129	MP1C	X	.308	.308	0	%100
130	MP1C	Z	533	533	0	%100
131	M216	X	.284	.284	0	%100
132	M216	Z	491	491	0	%100
133	M217	Χ	.118	.118	0	%100
134	M217	Z	205	205	0	%100
135	M218	X	.01	.01	0	%100
136	M218	Z	017	017	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
137	M219	X	.558	.558	0	%100
138	M219	Z	967	967	0	%100
139	M220	X	.029	.029	0	%100
140	M220	Z	049	049	0	%100
141	M221	X	.558	.558	0	%100
142	M221	Z	967	967	0	%100
143	M222	X	.029	.029	0	%100
144	M222	Z	049	049	0	%100
145	M223	X	.209	.209	0	%100
146	M223	Z	362	362	0	%100
147	M224	X	.055	.055	0	%100 %100
148	M224	Z	095	095	0	%100 %100
149	M225	X	.242	.242	0	%100 %100
150	M225	Z	42	42	0	%100 %100
151	M226	X	.242	.242	0	%100 %100
152	M226	Z	42	42	0	%100 %100
153	M227	X	.242	.242	0	%100 %100
154	M227	Z	42	42	0	%100 %100
155	M228	X	.242	.242	0	%100 %100
156	M228	Z	42	42	0	%100 %100
157	M229	X	.242	.242	0	%100 %100
158	M229	Z	42	42	0	%100 %100
159	MP2C	X	.308	.308	0	%100 %100
160	MP2C	Z	533	533	0	%100 %100
161	MP3C	X	.308	.308	0	%100 %100
162	MP3C	7	533	533	0	%100 %100
163	M121	X	.141	<u>555</u> .141	0	%100 %100
164	M121	Z	245	245	0	%100 %100
165	M122A	X	.027	.027	0	%100 %100
166	M122A	Z	046	046	0	%100 %100
167	M123A	X	.297	.297	0	%100 %100
168	M123A	Z	515	515	0	%100 %100
169	M124A	X	.141	<u>515</u> .141	0	%100 %100
170	M124A	Z	245	245	0	%100 %100
171	M125A	X	.027	.027	0	%100 %100
172	M125A	Z	046	046	0	%100 %100
173	M126A	X	.297	.297	0	%100 %100
174	M126A	Z	515	515	0	%100 %100
175	OVP1	X	.308	.308	0	%100 %100
176	OVP1	Z			0	%100 %100
177	OVP1 OVP2	X	533 .308	<u>533</u> . <u>308</u>	0	%100 %100
177	OVP2 OVP2	Z	533	<u></u> 533	0	%100 %100
179	M133	X	.315	555 .315	0	%100 %100
180	M133	Z	545	<u></u> 545	0	%100 %100
181	M137		.173	.173	0	%100 %100
182	M137	X Z	3	3	0	%100 %100
183	M141	X	.173	 .173	0	%100 %100
184	M141	Z	3	3	0	%100 %100
185	M148	X	.025	 .025	0	%100 %100
186	M148	Z	043	043	0	%100 %100
187	M149	X	.215	043 .215	0	%100 %100
188	M149	Z	372	372	0	%100 %100
189		X	.306		0	%100 %100
190	M150 M150	Z	529	.306 529		%100 %100
					0	
191	M151	X Z	.272 471	.272		%100 %100
192	M151			471	0	%100 %100
193	M152	X	.048	.048	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	083	083	0	%100
195	M153	X	.141	.141	0	%100
196	M153	Z	244	244	0	%100
197	M151A	X	.141	.141	0	%100
198	M151A	Z	245	245	0	%100
199	M152A	X	.148	.148	0	%100
200	M152A	Z	256	256	0	%100
201	M153A	X	.058	.058	0	%100
202	M153A	Z	101	101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	.161	.161	0	%100
2	M109	Z	093	093	0	%100
3	M110	X	.161	.161	0	%100
4	M110	Z	093	093	0	%100
5	M116	X	.061	.061	0	%100
6	M116	Z	035	035	0	%100
7	M117	X	.124	.124	0	%100
8	M117	Z	071	071	0	%100
9	M118	X	.478	.478	0	%100
10	M118	Z	276	276	0	%100
11	M124	Χ	.522	.522	0	%100
12	M124	Z	301	301	0	%100
13	M125	X	.257	.257	0	%100
14	M125	Z	148	148	0	%100
15	M126	X	.257	.257	0	%100
16	M126	Z	148	148	0	%100
17	M127	X	.42	.42	0	%100
18	M127	Z	242	242	0	%100
19	M128	X	.42	.42	0	%100
20	M128	Z	242	242	0	%100
21	MP1A	Χ	.533	.533	0	%100
22	MP1A	Z	308	308	0	%100
23	M18	X	.061	.061	0	%100
24	M18	Z	035	035	0	%100
25	M19	X	.124	.124	0	%100
26	M19	Z	071	071	0	%100
27	M20	Χ	.478	.478	0	%100
28	M20	Z	276	276	0	%100
29	M21	X	.84	.84	0	%100
30	M21	Z	485	485	0	%100
31	M22	Χ	.042	.042	0	%100
32	M22	Z	024	024	0	%100
33	M21A	X	.84	.84	0	%100
34	M21A	Z	485	485	0	%100
35	M23	X	.042	.042	0	%100
36	M23	Z	024	024	0	%100
37	M23A	Χ	.362	.362	0	%100
38	M23A	Z	209	209	0	%100
39	M24	Χ	.091	.091	0	%100
40	M24	Z	053	053	0	%100
41	M25	Χ	.42	.42	0	%100
42	M25	Z	242	242	0	%100
43	M26	X	.42	.42	0	%100
44	M26	Z	242	242	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	.End Location[ft,
45	M27	X	.42	.42	0	%100
46	M27	Z	242	242	0	%100
47	M28	X	.42	.42	0	%100
48	M28	Z	242	242	0	%100
49	M29	X	.42	.42	0	%100
50	M29	Z	242	242	0	%100
51	MP2A	X	.533	.533	0	%100
52	MP2A	Z	308	308	0	%100
53	MP3A	X	.533	.533	0	%100
54	MP3A	Z	308	308	0	%100
55	M161	X	.019	.019	0	%100
56	M161	Z	011	011	0	%100
57	M162	Χ	.019	.019	0	%100
58	M162	Z	011	011	0	%100
59	M163	X	.209	.209	0	%100
60	M163	Z	121	121	0	%100
61	M164	X	.015	.015	0	%100
62	M164	Z	009	009	0	%100
63	M165	X	.374	.374	0	%100
64	M165	Z	216	216	0	%100
65	M168	X	.522	.522	0	%100
66	M168	Z	301	301	0	%100
67	M169	Χ	.508	.508	0	%100
68	M169	Z	293	293	0	%100
69	M170	X	.508	.508	0	%100
70	M170	Z	293	293	0	%100
71	M171	X	.42	.42	0	%100
72	M171	Z	242	242	0	%100
73	M172	X	.42	.42	0	%100
74	M172	Z	242	242	0	%100
75	MP1B	X	.533	.533	0	%100
76	MP1B	Z	308	308	0	%100
77	M176	X	.209	.209	0	%100
78	M176	Z	121	121	0	%100
79	M177	X	.015	.015	0	%100
80	M177	Z	009	009	0	%100
81	M178	X	.374	.374	0	%100
82	M178	Z	216	216	0	%100
83	M179	X	1.561	1.561	0	%100
84	M179	Z	901	901	0	%100
85	M180	X	.083	.083	0	%100
86	M180	Z	048	048	0	%100
87	M181	Χ	1.561	1.561	0	%100
88	M181	Z	901	901	0	%100
89	M182	X	.083	.083	0	%100
90	M182	Z	048	048	0	%100
91	M183	X	.362	.362	0	%100
92	M183	Z	209	209	0	%100
93	M184	Χ	.112	.112	0	%100
94	M184	Z	065	065	0	%100
95	M185	X	.42	.42	0	%100
96	M185	Z	242	242	0	%100
97	M186	X	.42	.42	0	%100
98	M186	Z	242	242	0	%100
99	M187	X	.42	.42	0	%100
100	M187	Z	242	242	0	%100
101	M188	X	.42	.42	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
102	M188	Z	242	242	0	%100
103	M189	X	.42	.42	0	%100
104	M189	Z	242	242	0	%100
105	MP2B	Χ	.533	.533	0	%100
106	MP2B	Z	308	308	0	%100
107	MP3B	X	.533	.533	0	%100
108	MP3B	Z	308	308	0	%100
109	M201	X	.57	.57	0	%100
110	M201	Z	329	329	0	%100
111	M202	X	.57	.57	0	%100
112	M202	Z	329	329	0	%100
113	M203	X	.363	.363	0	%100
114	M203	Z	21	21	0	%100
115	M204	X	.437	.437	0	%100
116	M204	Z	252	252	0	%100
117	M205	X	.054	.054	0	%100
118	M205	Z	031	031	0	%100
119	M208	Х	.522	.522	0	%100
120	M208	Z	301	301	0	%100
121	M209	X	.06	.06	0	%100
122	M209	Z	035	035	0	%100
123	M210	X	.06	.06	0	%100
124	M210	Z	035	035	0	%100
125	M211	X	.42	.42	0	%100
126	M211	Z	242	242	0	%100
127	M212	X	.42	.42	0	%100
128	M212	Z	242	242	0	%100
129	MP1C	X	.533	.533	0	%100
130	MP1C	Z	308	308	0	%100
131	M216	X	.363	.363	0	%100
132	M216	Z	21	21	0	%100
133	M217	X	.437	.437	0	%100
134	M217	Z	252	252	0	%100
135	M218	Χ	.054	.054	0	%100
136	M218	Z	031	031	0	%100
137	M219	X	.278	.278	0	%100
138	M219	Z	161	161	0	%100
139	M220	Х	.01	.01	0	%100
140	M220	Z	006	006	0	%100
141	M221	X	.278	.278	0	%100
142	M221	Z	161	161	0	%100
143	M222	X	.01	.01	0	%100
144	M222	Z	006	006	0	%100
145	M223	X	.362	.362	0	%100
146	M223	Z	209	209	0	%100
147	M224	X	.075	.075	0	%100
148	M224	Z	044	044	0	%100
149	M225	X	.42	.42	0	%100
150	M225	Z	242	242	0	%100
151	M226	X	.42	.42	0	%100
152	M226	Z	242	242	0	%100
153	M227	X	.42	.42	0	%100
154	M227	Z	242	242	0	%100
155	M228	X	.42	.42	0	%100
156	M228	Z	242	242	0	%100
157	M229	X	.42	.42	0	%100
158	M229	Z	242	242	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
159	MP2C	X	.533	.533	0	%100
160	MP2C	Z	308	308	0	%100
161	MP3C	X	.533	.533	0	%100
162	MP3C	Z	308	308	0	%100
163	M121	Х	.486	.486	0	%100
164	M121	Z	281	281	0	%100
165	M122A	Х	.027	.027	0	%100
166	M122A	Z	015	015	0	%100
167	M123A	X	.307	.307	0	%100
168	M123A	Z	177	177	0	%100
169	M124A	X	.486	.486	0	%100
170	M124A	Z	281	281	0	%100
171	M125A	Х	.027	.027	0	%100
172	M125A	Z	015	015	0	%100
173	M126A	X	.307	.307	0	%100
174	M126A	Z	177	177	0	%100
175	OVP1	X	.533	.533	0	%100
176	OVP1	Z	308	308	0	%100
177	OVP2	X	.533	.533	0	%100
178	OVP2	Z	308	308	0	%100
179	M133	X	.182	.182	0	%100
180	M133	Z	105	105	0	%100
181	M137	X	.022	.022	0	%100
182	M137	Z	013	013	0	%100
183	M141	X	.642	.642	0	%100
184	M141	Z	371	371	0	%100
185	M148	X	.318	.318	0	%100
186	M148	Z	183	183	0	%100
187	M149	X	.074	.074	0	%100
188	M149	Z	043	043	0	%100
189	M150	Х	.629	.629	0	%100
190	M150	Z	363	363	0	%100
191	M151	X	.22	.22	0	%100
192	M151	Z	127	127	0	%100
193	M152	X	.007	.007	0	%100
194	M152	Z	004	004	0	%100
195	M153	X	.486	.486	0	%100
196	M153	Z	28	28	0	%100
197	M151A	X	.046	.046	0	%100
198	M151A	Z	027	027	0	%100
199	M152A	X	.053	.053	0	%100
200	M152A	Z	031	031	0	%100 %100
201	M153A	X	.314	.314	0	%100 %100
202	M153A	Z	181	181	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	0	0	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	0	0	0	%100
5	M116	X	.34	.34	0	%100
6	M116	Z	0	0	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	0	0	0	%100
9	M118	X	.34	.34	0	%100

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

10	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	.End Location[ft,
10	M118 M124	Z X	.602	.602	0	%100 %100
12	M124	Z	0	0	0	%100 %100
13	M125	X	.553	.553	0	%100 %100
14	M125	Z	.555	.555	0	%100 %100
15	M126		.553	.553	0	
		X Z				%100 %100
16	M126		0	0	0	%100
17	M127	X Z	.485	.485	0	%100 %100
18	M127		0	0	0	%100
19	M128	X	.485	.485	0	%100
20	M128	Z	0	0	0	%100
21	MP1A	X	.616	.616	0	%100
22	MP1A	Z	0	0	0	%100
23	M18	X	.34	.34	0	%100
24	M18	Z	0	0	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	0	0	0	%100
27	M20	X	.34	.34	0	%100
28	M20	Z	0	0	0	%100
29	M21	X	1.702	1.702	0	%100
30	M21	Z	0	0	0	%100
31	M22	X	.091	.091	0	%100
32	M22	Z	0	0	0	%100
33	M21A	Х	1.702	1.702	0	%100
34	M21A	Z	0	0	0	%100
35	M23	X	.091	.091	0	%100
36	M23	Z	0	0	0	%100
37	M23A	X	.419	.419	0	%100
38	M23A	Z	0	0	0	%100
39	M24	X	.126	.126	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	.485	.485	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	.485	.485	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	.485	.485	0	%100
46	M27	Z	0	0	0	%100
47	M28	Х	.485	.485	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	.485	.485	0	%100
50	M29	Z	0	0	0	%100
51	MP2A	Х	.616	.616	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	Х	.616	.616	0	%100
54	MP3A	Z	0	0	0	%100
55	M161	X	.087	.087	0	%100
56	M161	Z	0	0	0	%100
57	M162	X	.087	.087	0	%100
58	M162	Z	0	0	0	%100 %100
59	M163	X	.505	.505	0	%100 %100
60	M163	Z	0	0	0	%100 %100
61	M164	X	.067	.067	0	%100 %100
62	M164	Z	0	0	0	%100 %100
63	M165	X	.148	.148	0	%100 %100
64	M165	Z	0	0	0	%100 %100
65	M168	X	.602	.602	0	%100 %100
66	M168	Z	0	0	0	%100 %100
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#### Member Distributed Loads (BLC 68: Structure Wm (90 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
67	M169	X	.389	.389	0	%100 <sup>-</sup>
68	M169	Z	0	0	0	%100
69	M170	X	.389	.389	0	%100
70	M170	Z	0	0	0	%100
71	M171	X	.485	.485	0	%100
72	M171	Z	0	0	0	%100
73	M172	X	.485	.485	0	%100
74	M172	Z	0	0	0	%100
75	MP1B	X	.616	.616	0	%100
76	MP1B	Z	0	0	0	%100
77	M176	X	.505	.505	0	%100
78	M176	Z	0	0	0	%100
79	M177	X	.067	.067	0	%100
80	M177	Z	0	0	0	%100
81	M178	X	.148	.148	0	%100
82	M178	Z	0	0	0	%100
83	M179	X	1.259	1.259	0	%100
84	M179	Z	0	0	0	%100
85	M180	X	.064	.064	0	%100
86	M180	Z	0	0	0	%100
87	M181	X	1.259	1.259	0	%100
88	M181	Z	0	0	0	%100
89	M182	X	.064	.064	0	%100
90	M182	Z	0	0	0	%100
91	M183	X	.419	.419	0	%100
92	M183	Z	0	0	0	%100
93	M184	X	.113	.113	0	%100
94	M184	Z	0	0	0	%100
95	M185	X	.485	.485	0	%100
96	M185	Z	0	0	0	%100
97	M186	X	.485	.485	0	%100
98	M186	Z	0	0	0	%100
99	M187	X	.485	.485	0	%100
100	M187	Z	0	0	0	%100
101	M188	X	.485	.485	0	%100
102	M188	Z	0	0	0	%100
103	M189	X	.485	.485	0	%100
104	M189	Z	0	0	0	%100
105	MP2B	X	.616	.616	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	.616	.616	0	%100
108	MP3B	Z	0	0	0	%100
109	M201	X	.723	.723	0	%100
110	M201	Z	0	0	0	%100
111	M202	Χ	.723	.723	0	%100
112	M202	Z	0	0	0	%100
113	M203	X	.136	.136	0	%100
114	M203	Z	0	0	0	%100
115	M204	X	.554	.554	0	%100
116	M204	Z	0	0	0	%100
117	M205	Χ	.326	.326	0	%100
118	M205	Z	0	0	0	%100
119	M208	X	.602	.602	0	%100
120	M208	Z	0	0	0	%100
121	M209	X	.018	.018	0	%100
122	M209	Z	0	0	0	%100
123	M210	X	.018	.018	0	%100

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

404	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	.End Location[ft,
124	M210	Z	0	0	0	%100 %100
125	M211	X Z	.485	.485	0	%100
126	M211		0	0	0	%100
127	M212	X	.485	.485	0	%100
128	M212	Z	0	0	0	%100
129	MP1C	X	.616	.616	0	%100
130	MP1C	Z	0	0	0	%100
131	M216	X	.136	.136	0	%100
132	M216	Z	0	0	0	%100
133	M217	X	.554	.554	0	%100
134	M217	Z	0	0	0	%100
135	M218	X	.326	.326	0	%100
136	M218	Z	0	0	0	%100
137	M219	X	.174	.174	0	%100
138	M219	Z	0	0	0	%100
139	M220	X	.003	.003	0	%100
140	M220	Z	0	0	0	%100
141	M221	X	.174	.174	0	%100
142	M221	Z	0	0	Ö	%100
143	M222	X	.003	.003	0	%100
144	M222	Z	0	0	0	%100
145	M223	X	.419	.419	0	%100 %100
146	M223	Z	0	0	0	%100 %100
147	M224	X	.083	.083	0	%100 %100
148	M224	Z	0	0	0	%100 %100
149	M225	X	.485	.485	0	%100 %100
150	M225	Z	0	0	0	%100 %100
151	M226	X	.485	.485	0	%100 %100
152	M226	Z	.465	.483	0	%100 %100
153	M227	X	.485	.485	0	%100 %100
154	M227	Z	0	0	0	%100 %100
155	M228	X	.485	.485	0	%100 %100
156	M228	Z	.465	.483	0	%100 %100
157	M229	X	.485	.485	0	%100 %100
158	M229	Z	0	0	0	%100 %100
159	MP2C	X	.616	.616	0	%100 %100
160	MP2C	Z	0	0	0	%100 %100
161	MP3C	X	.616	.616	0	%100 %100
162	MP3C	Z	.010		0	%100 %100
			-	<u>0</u>	0	
163	M121	X	.587	.587		%100 %100
164	M121	Z	0	0	0	%100 %100
165	M122A	X Z	.285	.285	0	
166	M122A		0	0	0	%100 %100
167	M123A	X Z	.067	.067	0	%100 %100
168	M123A		0	<u>0</u>	0	%100 %100
169	M124A	X	.587	.587	0	%100 %100
170	M124A	Z	0	0	0	%100 %100
171	M125A	X	.285	.285	0	%100 %100
172	M125A	Z	0	0	0	%100
173	M126A	X	.067	.067	0	%100
174	M126A	Z	0	0	0	%100
175	OVP1	X	.616	.616	0	%100
176	OVP1	Z	0	0	0	%100
177	OVP2	X	.616	.616	0	%100
178	OVP2	Z	0	0	0	%100
179	M133	X	0	0	0	%100
180	M133	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
181	M137	X	.098	.098	0	%100
182	M137	Z	0	0	0	%100
183	M141	X	.814	.814	0	%100
184	M141	Z	0	0	0	%100
185	M148	X	.684	.684	0	%100
186	M148	Z	0	0	0	%100
187	M149	X	.022	.022	0	%100
188	M149	Z	0	0	0	%100
189	M150	X	.482	.482	0	%100
190	M150	Z	0	0	0	%100
191	M151	X	.018	.018	0	%100
192	M151	Z	0	0	0	%100
193	M152	X	.22	.22	0	%100
194	M152	Z	0	0	0	%100
195	M153	X	.587	.587	0	%100
196	M153	Z	0	0	0	%100
197	M151A	X	.017	.017	0	%100
198	M151A	Z	0	0	0	%100
199	M152A	X	.013	.013	0	%100
200	M152A	Z	0	0	0	%100
201	M153A	X	.493	.493	0	%100
202	M153A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	.161	.161	0	%100
2	M109	Z	.093	.093	0	%100
3	M110	X	.161	.161	0	%100
4	M110	Z	.093	.093	0	%100
5	M116	X	.478	.478	0	%100
6	M116	Z	.276	.276	0	%100
7	M117	X	.124	.124	0	%100
8	M117	Z	.071	.071	0	%100
9	M118	X	.061	.061	0	%100
10	M118	Z	.035	.035	0	%100
11	M124	X	.522	.522	0	%100
12	M124	Z	.301	.301	0	%100
13	M125	X	.479	.479	0	%100
14	M125	Z	.276	.276	0	%100
15	M126	X	.479	.479	0	%100
16	M126	Z	.276	.276	0	%100
17	M127	X	.42	.42	0	%100
18	M127	Z	.242	.242	0	%100
19	M128	X	.42	.42	0	%100
20	M128	Z	.242	.242	0	%100
21	MP1A	X	.533	.533	0	%100
22	MP1A	Z	.308	.308	0	%100
23	M18	X	.478	.478	0	%100
24	M18	Z	.276	.276	0	%100
25	M19	X	.124	.124	0	%100
26	M19	Z	.071	.071	0	%100
27	M20	X	.061	.061	0	%100
28	M20	Z	.035	.035	0	%100
29	M21	X	1.474	1.474	0	%100
30	M21	Z	.851	.851	0	%100
31	M22	X	.079	.079	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
32	M22	Z	.045	.045	0	%100
33	M21A	X	1.474	1.474	0	%100
34	M21A	Z	.851	.851	0	%100
35	M23	X	.079	.079	0	%100
36	M23	Z	.045	.045	0	%100
37	M23A	X	.362	.362	0	%100
38	M23A	Z	.209	.209	0	%100
39	M24	X	.11	.11	0	%100
40	M24	Z	.063	.063	0	%100 %100
41	M25	X	.42	.42	0	%100 %100
42	M25	Z	.242	.242	0	%100 %100
43	M26	X	.42	.42	0	%100 %100
44	M26	Z	.242	.242	0	%100 %100
45	M27	X	.42	.42	0	%100 %100
46	M27	Z	.242	.242	0	%100 %100
47	M28	X	.42	.42	0	%100 %100
48	M28	Z	.242	.242	0	
		X				%100 %100
49	M29		.42	.42	0	%100
50	M29	Z	.242	.242	0	%100
51	MP2A	X Z	.533	.533	0	%100
52	MP2A	_	.308	.308	0	%100
53	MP3A	X	.533	.533	0	%100
54	MP3A	Z	.308	.308	0	%100
55	M161	X	.379	.379	0	%100
56	M161	Z	.219	.219	0	%100
57	M162	X	.379	.379	0	%100
58	M162	Z	.219	.219	0	%100
59	M163	X	.474	.474	0	%100
60	M163	Z	.274	.274	0	%100
61	M164	X	.29	.29	0	%100
62	M164	Z	.168	.168	0	%100
63	M165	X	7.6e-5	7.6e-5	0	%100
64	M165	Z	4.4e-5	4.4e-5	0	%100
65	M168	X	.522	.522	0	%100
66	M168	Z	.301	.301	0	%100
67	M169	X	.086	.086	0	%100
68	M169	Z	.049	.049	0	%100
69	M170	X	.086	.086	0	%100
70	M170	Z	.049	.049	0	%100
71	M171	X	.42	.42	0	%100
72	M171	Z	.242	.242	0	%100
73	M172	X	.42	.42	0	%100
74	M172	Z	.242	.242	0	%100
75	MP1B	X	.533	.533	0	%100
76	MP1B	Z	.308	.308	0	%100 %100
77	M176	X	.474	.474	0	%100 %100
78	M176	Z	.274	.274	0	%100 %100
79	M177	X	.29	.29	0	%100 %100
80	M177	Z	.168	.168	0	%100 %100
81	M178		7.6e-5	7.6e-5	0	%100 %100
82	M178	X Z	4.4e-5	4.4e-5	0	%100 %100
83	M179	X	.369	.369	0	%100 %100
	M179 M179	Z	.369	.309 .213	0	%100 %100
84						
85	M180	X	.014	.014	0	%100 %100
86	M180	Z	.008	.008	0	%100 %100
87	M181	X	.369	.369	0	%100
88	M181	Z	.213	.213	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
89	M182	X	.014	.014	0	%100 <sup>-</sup>
90	M182	Z	.008	.008	0	%100
91	M183	X	.362	.362	0	%100
92	M183	Z	.209	.209	0	%100
93	M184	X	.078	.078	0	%100
94	M184	Z	.045	.045	0	%100
95	M185	X	.42	.42	0	%100
96	M185	Z	.242	.242	0	%100
97	M186	X	.42	.42	0	%100
98	M186	Z	.242	.242	0	%100
99	M187	X	.42	.42	0	%100
100	M187	Z	.242	.242	0	%100
101	M188	X	.42	.42	0	%100
102	M188	Z	.242	.242	0	%100
103	M189	X	.42	.42	0	%100
104	M189	Z	.242	.242	0	%100
105	MP2B	X	.533	.533	0	%100
106	MP2B	Z	.308	.308	0	%100
107	MP3B	X	.533	.533	0	%100
108	MP3B	Z	.308	.308	0	%100
109	M201	Х	.379	.379	0	%100
110	M201	Z	.219	.219	0	%100
111	M202	X	.379	.379	0	%100
112	M202	Z	.219	.219	0	%100
113	M203	Х	7.6e-5	7.6e-5	0	%100
114	M203	Z	4.4e-5	4.4e-5	0	%100
115	M204	X	.29	.29	0	%100
116	M204	Z	.168	.168	0	%100
117	M205	X	.474	.474	0	%100
118	M205	Z	.274	.274	0	%100
119	M208	X	.522	.522	0	%100
120	M208	Z	.301	.301	0	%100
121	M209	X	.212	.212	0	%100
122	M209	Ž	.122	.122	0	%100
123	M210	X	.212	.212	0	%100
124	M210	Z	.122	.122	0	%100
125	M211	X	.42	.42	0	%100
126	M211	Z	.242	.242	0	%100
127	M212	X	.42	.42	0	%100
128	M212	Z	.242	.242	0	%100
129	MP1C	X	.533	.533	0	%100
130	MP1C	Z	.308	.308	0	%100 %100
131	M216	X	7.6e-5	7.6e-5	0	%100 %100
132	M216	Z	4.4e-5	4.4e-5	0	%100 %100
133	M217	X	.29	.29	0	%100
134	M217	Z	.168	.168	0	%100
135	M218	X	.474	.474	0	%100
136	M218	Z	.274	.274	0	%100 %100
137	M219	X	.712	.712	0	%100
138	M219	Z	.411	.411	0	%100 %100
139	M220	X	.035	.035	0	%100 %100
140	M220	Z	.02	.02	0	%100 %100
141	M221	X	.712	.712	0	%100 %100
142	M221	Z	.411	.411	0	%100 %100
143	M222	X	.035	.035	0	%100 %100
144	M222	Z	.02	.02	0	%100 %100
145	M223	X	.362	.362	0	%100 %100
LITU	IVILLU		.002	.002		/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
146	M223	Z	.209	.209	0	%100
147	M224	X	.088	.088	0	%100
148	M224	Z	.051	.051	0	%100
149	M225	Χ	.42	.42	0	%100
150	M225	Z	.242	.242	0	%100
151	M226	X	.42	.42	0	%100
152	M226	Z	.242	.242	0	%100
153	M227	X	.42	.42	0	%100
154	M227	Z	.242	.242	0	%100
155	M228	X	.42	.42	0	%100
156	M228	Z	.242	.242	0	%100
157	M229	X	.42	.42	0	%100
158	M229	Z	.242	.242	0	%100
159	MP2C	X	.533	.533	0	%100
160	MP2C	Z	.308	.308	0	%100
161	MP3C	X	.533	.533	0	%100
162	MP3C	Z	.308	.308	0	%100
163	M121	X	.289	.289	0	%100
164	M121	Z	.167	.167	0	%100
165	M122A	X	.487	.487	0	%100
166	M122A	Z	.281	.281	0	%100
167	M123A	X	.018	.018	0	%100
168	M123A	Z	.011	.011	0	%100
169	M124A	Х	.289	.289	0	%100
170	M124A	Z	.167	.167	0	%100
171	M125A	X	.487	.487	0	%100
172	M125A	Z	.281	.281	0	%100
173	M126A	X	.018	.018	0	%100
174	M126A	Z	.011	.011	0	%100
175	OVP1	X	.533	.533	0	%100
176	OVP1	Z	.308	.308	0	%100
177	OVP2	X	.533	.533	0	%100
178	OVP2	Z	.308	.308	0	%100
179	M133	X	.182	.182	0	%100
180	M133	Z	.105	.105	0	%100 %100
181	M137	X	.427	.427	0	%100 %100
182	M137	Z	.246	.246	0	%100 %100
183	M141	X	.427	.427	0	%100 %100
184	M141	Z	.246	.246	0	%100 %100
185	M148	X	.593	.593	0	%100 %100
186	M148	Z	.342	.342	0	%100 %100
187	M149	X	.262	.262	0	%100 %100
188	M149	Z	.151	.151	0	%100 %100
189	M150	X	.106	.106	0	%100 %100
190	M150	Z	.061	.061	0	%100 %100
191	M151	X	.063	.063	0	%100 %100
192	M151	Z	.036	.036	0	%100 %100
193	M152	X	.45	.45	0	%100 %100
193	M152 M152	Z	.26	.26	0	%100 %100
195	M153	X	.289	.289	0	%100 %100
		Z	.289		0	
196	M153			.167		%100 %100
197	M151A	X Z	.182	.182	0	%100 %100
198	M151A		.105	.105	0	%100 %100
199	M152A	X	.171	.171	0	%100
200	M152A	Z	.099	.099	0	%100
201	M153A	X	.326	.326	0	%100
202	M153A	Z	.188	.188	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
1	M109	X	.28	.28	0	%100
2	M109	Z	.484	.484	0	%100
3	M110	Х	.28	.28	0	%100
4	M110	Z	.484	.484	0	%100
5	M116	X	.248	.248	0	%100
6	M116	Z	.43	.43	0	%100
7	M117	X	.214	.214	0	%100
8	M117	Z	.371	.371	0	%100
9	M118	X	.007	.007	0	%100
10	M118	Z	.013	.013	0	%100
11	M124	Χ	.301	.301	0	%100
12	M124	Z	.522	.522	0	%100
13	M125	X	.148	.148	0	%100
14	M125	Ž	.257	.257	0	%100
15	M126	X	.148	.148	0	%100
16	M126	Z	.257	.257	0	%100
17	M127	X	.242	.242	0	%100 %100
18	M127	Z	.42	.42	0	%100 %100
19	M128	X	.242	.242	0	%100 %100
20	M128	Z	.42	.42	0	%100 %100
21	MP1A	X	.308	.308	0	%100 %100
22	MP1A	Z	.533	.533	0	%100 %100
23	M18	X	.248	.248	0	%100 %100
24	M18	Z	.43	.43	0	%100 %100
25	M19	X	.214	.214	0	%100 %100
26	M19	Z	.371	.371	0	%100 %100
27	M20	X	.007	.007	0	%100 %100
28	M20	Z	.013	.013	0	%100 %100
29	M21	X	.485	.485	0	%100 %100
30	M21	Z	.84	.84	0	%100 %100
31	M22	X	.024	.024	0	%100 %100
32	M22	Z	.042	.042	0	%100 %100
33	M21A	X	.485	.485	0	%100 %100
34	M21A	Z	.84	.84	0	%100 %100
35	M23	X	.024	.024	0	%100 %100
36	M23	Z	.042	.042	0	%100 %100
	M23A	X	.209	.209	0	%100 %100
37	M23A	Z	.362	.362	0	%100 %100
38	M24	X	.053	.053	0	%100 %100
		Z				
40	M24		.091	.091	0	%100 %100
41	M25	X	.242	.242	0	%100 %100
42	M25	Z X	.42	.42 .242	0	%100 %100
43	M26 M26	Z	.242 .42	.242	0	%100 %100
				.242		%100 %100
45	M27	X	.242		0	
46	M27	Z	.42	.42	0	%100 %100
47	M28	X Z	.242	.242	0	%100 %100
48	M28		.42	.42	0	%100 %100
49	M29	X Z	.242	.242	0	%100 %100
50	M29		.42	.42	0	%100 %100
51	MP2A	X	.308	.308	0	%100 %100
52	MP2A	Z	.533	.533	0	%100 %100
53	MP3A	X	.308	.308	0	%100 %100
54	MP3A	Z	.533	.533	0	%100 %100
55	M161	X	.362	.362	0	%100 %100
56	M161	Z	.626	.626	0	%100 %100
57	M162	X	.362	.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
58	M162	Z	.626	.626	0	%100
59	M163	X	.163	.163	0	%100
60	M163	Z	.282	.282	0	%100
61	M164	X	.277	.277	0	%100
62	M164	Z	.48	.48	0	%100
63	M165	X	.068	.068	0	%100 %100
64	M165	Z	.118	.118	0	%100 %100
65	M168	X	.301	.301	0	%100 %100
66	M168	Z	.522	.522	0	%100 %100
67	M169	X	.003	.003	0	%100 %100
68	M169	Z	.005	.005	0	%100 %100
69	M170	X	.003	.003	0	%100 %100
70	M170	Z	.005	.005	0	%100 %100
71	M170 M171	X	.242	.242	0	%100 %100
72	M171	Z	.42	.42	0	%100
73	M172	X	.242	.242	0	%100
74	M172	Z	.42	.42	0	%100
75	MP1B	X	.308	.308	0	%100
76	MP1B	Z	.533	.533	0	%100
77	M176	X	.163	.163	0	%100
78	M176	Z	.282	.282	0	%100
79	M177	X	.277	.277	0	%100
80	M177	Z	.48	.48	0	%100
81	M178	X	.068	.068	0	%100
82	M178	Z	.118	.118	0	%100
83	M179	X	.068	.068	0	%100
84	M179	Z	.118	.118	0	%100
85	M180	X	.000511	.000511	0	%100
86	M180	Z	.000886	.000886	0	%100
87	M181	X	.068	.068	0	%100
88	M181	Z	.118	.118	0	%100
89	M182	X	.000511	.000511	0	%100
90	M182	Z	.000886	.000886	0	%100
91	M183	X	.209	.209	0	%100
92	M183	Z	.362	.362	0	%100
93	M184	X	.041	.041	0	%100
94	M184	Z	.071	.071	0	%100
95	M185	X	.242	.242	0	%100
96	M185	Z	.42	.42	0	%100
97	M186	X	.242	.242	0	%100
98	M186	Z	.42	.42	0	%100
99	M187	X	.242	.242	0	%100
100	M187	Z	.42	.42	0	%100
101	M188	X	.242	.242	0	%100
102	M188	Z	.42	.42	0	%100
103	M189	X	.242	.242	0	%100
104	M189	Z	.42	.42	0	%100
105	MP2B	X	.308	.308	0	%100
106	MP2B	Z	.533	.533	0	%100
107	MP3B	X Z	.308	.308	0	%100
108	MP3B		.533	.533	0	%100
109	M201	X	.044	.044	0	%100
110	M201	Z	.076	.076	0	%100
111	M202	X	.044	.044	0	%100
112	M202	Z	.076	.076	0	%100
113	M203	X	.074	.074	0	%100
114	M203	Z	.128	.128	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
115	M204	X	.033	.033	0	%100
116	M204	Z	.058	.058	0	%100
117	M205	X	.253	.253	0	%100
118	M205	Z	.438	.438	0	%100
119	M208	X	.301	.301	0	%100
120	M208	Z	.522	.522	0	%100
121	M209	X	.262	.262	0	%100
122	M209	Z	.453	.453	0	%100
123	M210	X	.262	.262	0	%100
124	M210	Z	.453	.453	0	%100
125	M211	X	.242	.242	0	%100
126	M211	Z	.42	.42	0	%100
127	M212	X	.242	.242	0	%100
128	M212	Ζ	.42	.42	0	%100
129	MP1C	X	.308	.308	0	%100
130	MP1C	Z	.533	.533	0	%100
131	M216	X	.074	.074	0	%100
132	M216	Z	.128	.128	0	%100
133	M217	X	.033	.033	0	%100
134	M217	Z	.058	.058	0	%100
135	M218	X	.253	.253	0	%100 %100
136	M218	Z	.438	.438	0	%100 %100
137	M219	X	.809	.809	0	%100 %100
138	M219	Z	1.401	1.401	0	%100 %100
139	M220	X	.043	.043	0	%100 %100
140	M220	Z	.074	.074	0	%100 %100
141	M221	X	.809	.809	0	%100 %100
141	M221	Z	1.401	1.401	0	%100 %100
		X	.043			
143	M222	Z		.043	0	%100
144	M222		.074	.074	0	%100
145	M223	X	.209	.209	0	%100
146	M223	Z	.362	.362	0	%100
147	M224	X	.062	.062	0	%100
148	M224	Z	.107	.107	0	%100
149	M225	X	.242	.242	0	%100
150	M225	Z	.42	.42	0	%100
151	M226	X	.242	.242	0	%100
152	M226	Z	.42	.42	0	%100
153	M227	X	.242	.242	0	%100
154	M227	Z	.42	.42	0	%100
155	M228	X	.242	.242	0	%100
156	M228	Z	.42	.42	0	%100
157	M229	X	.242	.242	0	%100
158	M229	Z	.42	.42	0	%100
159	MP2C	X	.308	.308	0	%100
160	MP2C	Z	.533	.533	0	%100
161	MP3C	X	.308	.308	0	%100
162	MP3C	Z	.533	.533	0	%100
163	M121	X	.027	.027	0	%100
164	M121	Z	.048	.048	0	%100
165	M122A	X	.293	.293	0	%100
166	M122A	Z	.507	.507	0	%100
167	M123A	X	.131	.131	0	%100
168	M123A	Z	.227	.227	0	%100 %100
169	M124A	X	.027	.027	0	%100 %100
170	M124A	Z	.048	.048	0	%100 %100
171	M125A	X	.293	.293	0	%100 %100
	141.120/1			00		70100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
172	M125A	Z	.507	.507	0	%100
173	M126A	X	.131	.131	0	%100
174	M126A	Z	.227	.227	0	%100
175	OVP1	X	.308	.308	0	%100
176	OVP1	Z	.533	.533	0	%100
177	OVP2	Х	.308	.308	0	%100
178	OVP2	Z	.533	.533	0	%100
179	M133	Х	.315	.315	0	%100
180	M133	Z	.545	.545	0	%100
181	M137	Х	.407	.407	0	%100
182	M137	Z	.705	.705	0	%100
183	M141	Х	.049	.049	0	%100
184	M141	Z	.085	.085	0	%100
185	M148	Х	.183	.183	0	%100
186	M148	Z	.318	.318	0	%100
187	M149	Х	.323	.323	0	%100
188	M149	Z	.56	.56	0	%100
189	M150	Х	.004	.004	0	%100
190	M150	Z	.007	.007	0	%100
191	M151	Х	.181	.181	0	%100
192	M151	Z	.314	.314	0	%100
193	M152	Х	.304	.304	0	%100
194	M152	Z	.526	.526	0	%100
195	M153	X	.028	.028	0	%100
196	M153	Z	.048	.048	0	%100
197	M151A	Х	.22	.22	0	%100
198	M151A	Z	.38	.38	0	%100
199	M152A	Х	.216	.216	0	%100
200	M152A	Z	.373	.373	0	%100
201	M153A	Х	.065	.065	0	%100
202	M153A	Z	.113	.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	0	0	0	%100 <sup>-</sup>
2	M109	Z	.746	.746	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	.746	.746	0	%100
5	M116	X	0	0	0	%100
6	M116	Z	.227	.227	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	.572	.572	0	%100
9	M118	X	0	0	0	%100
10	M118	Z	.227	.227	0	%100
11	M124	X	0	0	0	%100
12	M124	Z	.602	.602	0	%100
13	M125	X	0	0	0	%100
14	M125	Z	.04	.04	0	%100
15	M126	X	0	0	0	%100
16	M126	Z	.04	.04	0	%100
17	M127	X	0	0	0	%100
18	M127	Z	.485	.485	0	%100
19	M128	X	0	0	0	%100
20	M128	Z	.485	.485	0	%100
21	MP1A	X	0	0	0	%100
22	MP1A	Z	.616	.616	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
23	M18	X	0	0	0	%100 <sup>-</sup>
24	M18	Z	.227	.227	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	.572	.572	0	%100
27	M20	X	0	0	0	%100
28	M20	Z	.227	.227	0	%100
29	M21	X	0	0	0	%100
30	M21	Z	.237	.237	0	%100
31	M22	X	0	0	0	%100
32	M22	Z	.007	.007	0	%100
33	M21A	X	0	0	0	%100
34	M21A	Z	.237	.237	0	%100
35	M23	X	0	0	0	%100
36	M23	Z	.007	.007	0	%100
37	M23A	X	0	0	0	%100
38	M23A	Z	.419	.419	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	.085	.085	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	.485	.485	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	.485	.485	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	.485	.485	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	.485	.485	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	.485	.485	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	.616	.616	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	.616	.616	0	%100
55	M161	X	0	0	0	%100
56	M161	Z	.658	.658	0	%100
57	M162	X	0	0	0	%100
58	M162	Z	.658	.658	0	%100
59	M163	X	0	0	0	%100
60	M163	Z	.062	.062	0	%100
61	M164	X	0	0	0	%100
62	M164	Z	.505	.505	0	%100
63	M165	X	0	0	0	%100
64	M165	Z	.419	.419	0	%100
65	M168	X	0	0	0	%100
66	M168	Z	.602	.602	0	%100
67	M169	Χ	0	0	0	%100
68	M169	Z	.204	.204	0	%100
69	M170	X	0	0	0	%100
70	M170	Z	.204	.204	0	%100
71	M171	X	0	0	0	%100
72	M171	Z	.485	.485	0	%100
73	M172	Χ	0	0	0	%100
74	M172	Z	.485	.485	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	.616	.616	0	%100
77	M176	X	0	0	0	%100
78	M176	Z	.062	.062	0	%100
79	M177	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
80	M177	Z	.505	.505	0	%100
81	M178	X	0	0	0	%100
82	M178	Z	.419	.419	0	%100
83	M179	X	0	0	0	%100
84	M179	Z	.68	.68	0	%100
85	M180	X	0	0	0	%100
86	M180	Z	.033	.033	0	%100
87	M181	X	0	0	0	%100
88	M181	Z	.68	.68	0	%100
89	M182	X	0	0	0	%100
90	M182	Z	.033	.033	0	%100
91	M183	X	0	0	0	%100
92	M183	Z	.419	.419	0	%100
93	M184	X	0	0	0	%100
94	M184	Z	.098	.098	0	%100
95	M185	X	0	0	0	%100
96	M185	Z	.485	.485	0	%100 %100
97	M186	X Z	0	0	0	%100 %100
98	M186		.485	.485	0	%100 %100
99	M187	X Z	.485	0 .485	0	%100 %100
	M187					
101	M188 M188	X Z	.485	0 .485	0	%100 %100
103	M189	X	. <del>400</del>	.465 0	0	%100 %100
104	M189	Z	.485	.485	0	%100 %100
105	MP2B	X	.465	465 0	0	%100 %100
106	MP2B	Z	.616	.616	0	%100 %100
107	MP3B	X	0	0	0	%100 %100
108	MP3B	Z	.616	.616	0	%100 %100
109	M201	X	0	0	0	%100 %100
110	M201	Z	.022	.022	0	%100 %100
111	M202	X	0	0	0	%100 %100
112	M202	Z	.022	.022	0	%100 %100
113	M203	X	0	0	0	%100 %100
114	M203	Z	.432	.432	0	%100 %100
115	M204	X	0	0	0	%100 %100
116	M204	Z	.017	.017	0	%100 %100
117	M205	X	0	0	0	%100 %100
118	M205	Z	.241	.241	0	%100 %100
119	M208	X	0	0	0	%100 %100
120	M208	Z	.602	.602	0	%100 %100
121	M209	X	0	0	0	%100
122	M209	Z	.575	.575	0	%100 %100
123	M210	X	0	0	0	%100
124	M210	Z	.575	.575	0	%100
125	M211	X	0	0	0	%100
126	M211	Z	.485	.485	0	%100
127	M212	Х	0	0	0	%100
128	M212	Z	.485	.485	0	%100
129	MP1C	X	0	0	0	%100
130	MP1C	Z	.616	.616	0	%100
131	M216	Х	0	0	0	%100
132	M216	Z	.432	.432	0	%100
133	M217	X	0	0	0	%100
134	M217	Z	.017	.017	0	%100
135	M218	X	0	0	0	%100
136	M218	Z	.241	.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
137	M219	X	0	0	0	%100
138	M219	Z	1.765	1.765	0	%100
139	M220	X	0	0	0	%100
140	M220	Z	.094	.094	0	%100
141	M221	X	0	0	0	%100
142	M221	Z	1.765	1.765	0	%100
143	M222	Х	0	0	0	%100
144	M222	Z	.094	.094	0	%100
145	M223	X	0	0	0	%100
146	M223	Z	.419	.419	0	%100
147	M224	X	0	0	0	%100
148	M224	Z	.128	.128	0	%100
149	M225	X	0	0	0	%100
150	M225	Z	.485	.485	0	%100
151	M226	X	0	0	0	%100
152	M226	Z	.485	.485	0	%100
153	M227	X	0	0	0	%100
154	M227	Z	.485	.485	0	%100
155	M228	X	0	0	0	%100
156	M228	Z	.485	.485	0	%100
157	M229	X	0	0	0	%100
158	M229	Z	.485	.485	0	%100
159	MP2C	X	0	0	0	%100
160	MP2C	Z	.616	.616	0	%100
161	MP3C	X	0	0	0	%100
162	MP3C	Z	.616	.616	0	%100
163	M121	X	0	0	0	%100
164	M121	Z	.029	.029	0	%100
165	M122A	X	0	0	0	%100
166	M122A	Z	.331	.331	0	%100
167	M123A	X	0	0	0	%100
168	M123A	Z	.549	.549	0	%100
169	M124A	X	0	0	0	%100
170	M124A	Z	.029	.029	0	%100
171	M125A	X	0	0	0	%100
172	M125A	Z	.331	.331	0	%100
173	M126A	X	0	0	0	%100
174	M126A	Z	.549	.549	0	%100
175	OVP1	X	0	0	0	%100
176	OVP1	Z	.616	.616	0	%100
177	OVP2	X	0	0	0	%100
178	OVP2	Z	.616	.616	0	%100
179	M133	X	0	0	0	%100
180	M133	Z	.84	.84	0	%100
181	M137	X	0	0	0	%100
182	M137	Z	.741	.741	0	%100
183	M141	X	0	0	0	%100
184	M141	Z	.025	.025	0	%100
185	M148	X	0	0	0	%100
186	M148	Z	.049	.049	0	%100
187	M149	X	0	0	0	%100
188	M149	Z	.71	.71	0	%100
189	M150	X	0	0	0	%100
190	M150	Z	.252	.252	0	%100
191	M151	X	0	0	0	%100
192	M151	Z	.598	.598	0	%100
193	M152	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
194	M152	Z	.396	.396	0	%100
195	M153	X	0	0	0	%100
196	M153	Z	.029	.029	0	%100
197	M151A	X	0	0	0	%100
198	M151A	Z	.476	.476	0	%100
199	M152A	X	0	0	0	%100
200	M152A	Z	.48	.48	0	%100
201	M153A	X	0	0	0	%100
202	M153A	Z	.000131	.000131	0	%100

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

1         M109         X         -28         -28         0         %           2         M109         Z         .484         .484         0         %           3         M110         X        28        28         0         %           4         M110         Z         .484         .484         0         %           5         M116         X        007        007         0         %           6         M116         Z         .013         .013         0         %           6         M116         Z         .013         .013         0         %           7         M117         X        214        214         0         %           8         M117         X        214        214         0         %           9         M118         X        248        248         0         %           10         M118         X        248        248         0         %           11         M124         X        301        301         0         %           12         M124         Z         .522	abel	r Lab	abel	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
3         M110         X         -28         -28         0         %           4         M110         Z         484         484         0         %           5         M116         X        007        007         0         %           6         M116         Z         .013         .013         0         %           7         M117         X        214        214         0         %           8         M117         Z         .371         .371         0         %           9         M118         X        248        248         0         %           10         M18         Z        43         .43         0         %           11         M124         X        301        301         0         %           11         M124         Z         .522         .522         0         %           12         M124         Z         .522         .522         0         %           14         M125         Z         .034         .034         0         %           15         M126         X        02         -	)	09	9	X	28	28	0	%100 <sup>-</sup>
3         M110         X        28        28         0         %           4         M110         Z         .484         .484         0         %           5         M116         X        007        007         0         %           6         M116         Z         .013         .013         0         %           7         M117         X        214        214         0         %           8         M117         Z         .371         .371         0         %           9         M118         X        248        248         0         %           10         M18         Z         .43         .43         0         %           11         M124         X        301        301         0         %           11         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         X        02        02         0         %           15         M126         X        02 <t< td=""><td>)</td><td>09</td><td>9</td><td>Z</td><td>.484</td><td>.484</td><td>0</td><td>%100</td></t<>	)	09	9	Z	.484	.484	0	%100
4         M110         Z         .484         .484         0         %           5         M116         X        007        007         0         %           6         M116         Z         .013         .013         0         %           7         M117         X        214        214         0         %           8         M117         Z         .371         .371         0         %           9         M118         X        248        248         0         %           10         M118         Z         .43         .43         0         %           11         M124         X        301        301         0         %           11         M124         X        301        301         0         %           12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         X        02        02         0         %           15         M126         X        02	)	10	)	Х	28	28	0	%100
5         M116         X        007        007         0         %           6         M116         Z         .013         .013         0         %           7         M117         X        214        214         0         %           8         M117         Z         .371         .371         0         %           9         M118         X        248        248         0         %           10         M118         X        248        248         0         %           11         M124         X        301        301         0         %           11         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         X        02        02         0         %           14         M126         X        02        02         0         %           15         M126         X        02        02         0         %           17         M127         X        242				Z			0	%100
6         M116         Z         .013         .013         0         %           7         M117         X        214        214         0         %           8         M117         Z         .371         .371         0         %           9         M118         X        248        248         0         %           10         M118         Z         .43         .43         0         %           11         M124         X        301         0         %           12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         X        02        02         0         %           15         M126         X        02        02         0         %           16         M126         X        02        02         0         %           18         M127         X        242        242         0         %           19         M128         X        242        242				Х			0	%100
7         M117         X        214        214         0         %           8         M117         Z         .371         .371         0         %           9         M118         X        248         0         %           10         M118         Z         .43         .43         0         %           11         M124         X        301        301         0         %           12         M124         Z         .522         .522         0         %           12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           13         M125         X        02        02         0         %           14         M125         Z         .034         .034         .034         0         %           15         M126         X        02        02         0         %           16         M127         X        242        242         0         %           18         M127         X        242							0	%100
8         M117         Z         .371         .371         0         %           9         M118         X         .248         .248         0         %           10         M118         Z         .43         .43         0         %           11         M124         X         .301         .301         0         %           12         M124         Z         .522         .522         0         %           13         M125         X         .02         .02         .02         0         %           14         M125         Z         .034         .034         0         %         %         15         M126         X        02        02         0         %         %         15         M126         X        02        02         0         %         %         16         M126         X        02        02         0         %         %         18         M127         X        242        242        242         0         %         %         18         M127         Z         .42         .42         .42         0         %         %         20				X	214	214		%100
9         M118         X        248        248         0         %           10         M118         Z         .43         .43         0         %           11         M124         X        301        301         0         %           12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         Z         .034         .034         0         %           15         M126         X        02        02         0         %           16         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        22         0         %           18         M127         Z         .42         42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42				Z				%100
10         M118         Z         43         43         0         %           11         M124         X        301        301         0         %           12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         Z         .034         .034         0         %           15         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           17         M127         X        242        242         0         %           18         M127         Z         .42         .42         0         %           20         M128         X        242        242         0         %           21         MP1A         X        308        308         0         %           22         MP1A         Z         .533	3	18	3	X			0	%100
11         M124         X        301        301         0         %           12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         Z         .034         .034         0         %           15         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           17         M127         X        242        242         0         %           19         M128         X        242         42         0         %           19         M128         X        242         42         0         %           20         M128         Z         .42         42         0         %           21         MP1A         X        308        308         0         %           22         MP1A         Z         .533				Z	.43	.43		%100
12         M124         Z         .522         .522         0         %           13         M125         X        02        02         0         %           14         M125         Z         .034         .034         0         %           15         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           18         M127         Z         .42         42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         42         0         %           21         MP1A         X        308        308         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007								%100
13         M125         X        02        02         0         %           14         M125         Z         .034         .034         0         %           15         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           18         M127         Z         .42         .42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           21         MP1A         X        308        308         0         %           21         MP1A         Z         .533         .533         .533         0         %           22         MP1A         Z         .533         .533         .0         %           23         M18         X        007        007         0         %           24         M18         X						.522		%100
14         M125         Z         .034         .034         0         %           15         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           18         M127         Z         .42         .42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           20         M128         Z         .42         .42         0         %           21         MP1A         X        308        308         0         %           21         MP1A         X        308        333         .533         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M19         X				X				%100
15         M126         X        02        02         0         %           16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           18         M127         Z         .42         .42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           20         M128         Z         .308        308         0         %           21         MP1A         Z         .533         .533         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007         -								%100
16         M126         Z         .034         .034         0         %           17         M127         X        242        242         0         %           18         M127         Z         .42         .42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           21         MP1A         X        308        308         0         %           21         MP1A         Z         .533         .533         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           24         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248					02	02		%100
17         M127         X        242        242         0         %           18         M127         Z         .42         .42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           21         MP1A         X        308        308         0         %           22         MP1A         Z         .533         .533         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           25         M19         X        248        248         0         %           26         M19         Z         .371         .371         0         %           28         M20         X        248				Z				%100
18         M127         Z         .42         .42         0         %           19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           21         MP1A         X        308        308         0         %           21         MP1A         Z         .533         .533         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         .371         0         %           28         M20         X        248        248         0         %           28         M20         X         <								%100
19         M128         X        242        242         0         %           20         M128         Z         .42         .42         0         %           21         MP1A         X        308        308         0         %           21         MP1A         X        308        308         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118	,	27	7	Z		.42		%100
20         M128         Z         .42         .42         .0         %           21         MP1A         X        308        308         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         Z         .205 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>%100</td></td<>								%100
21         MP1A         X        308        308         0         %           22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         X        03        003         0         %           31         M22         X        003 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>%100</td></td<>								%100
22         MP1A         Z         .533         .533         0         %           23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         X        205         .205         0         %           31         M22         X        003        003         0         %           32         M22         X        018								%100
23         M18         X        007        007         0         %           24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         Z         .205         .205         0         %           31         M22         X        003        003         0         %           32         M22         Z         .006         .006         0         %           33         M21A         X        118        118         0         %           34         M21A         Z         .205         .205         0         %           35         M23         X        003								%100
24         M18         Z         .013         .013         0         %           25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         Z         .205         .205         0         %           31         M22         X        003        003         0         %           32         M22         Z         .006         .006         0         %           33         M21A         X        118        118         0         %           34         M21A         X        118        118         0         %           35         M23         X        003        003         0         %           36         M23         Z         .006								%100
25         M19         X        214        214         0         %           26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         Z         .205         .205         0         %           31         M22         X        003        003         0         %           32         M22         Z         .006         .006         0         %           33         M21A         X        118        118         0         %           34         M21A         Z         .205         .205         0         %           35         M23         X        003        003         0         %           36         M23         Z         .006         .006         0         %           37         M23A         X        209				7				%100
26         M19         Z         .371         .371         0         %           27         M20         X        248        248         0         %           28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         Z         .205         .205         0         %           31         M22         X        003        003         0         %           32         M22         Z         .006         .006         0         %           33         M21A         X        118        118         0         %           34         M21A         X        118        118         0         %           35         M23         X        003        003         0         %           36         M23         Z         .006         .006         0         %           37         M23A         X        209        209         0         %           38         M23A         Z         .362								%100
27       M20       X      248      248       0       %         28       M20       Z       .43       .43       0       %         29       M21       X      118      118       0       %         30       M21       Z       .205       .205       0       %         31       M22       X      003      003       0       %         32       M22       Z       .006       .006       0       %         33       M21A       X      118      118       0       %         34       M21A       Z       .205       .205       0       %         35       M23       X      003      003       0       %         36       M23       Z       .006       .006       0       %         37       M23A       X      209      209       0       %         38       M23A       Z       .362       .362       0       %				7		371		%100
28         M20         Z         .43         .43         0         %           29         M21         X        118        118         0         %           30         M21         Z         .205         .205         0         %           31         M22         X        003        003         0         %           32         M22         Z         .006         .006         0         %           33         M21A         X        118        118         0         %           34         M21A         Z         .205         .205         0         %           35         M23         X        003        003         0         %           36         M23         Z         .006         .006         0         %           37         M23A         X        209        209         0         %           38         M23A         Z         .362         .362         0         %								%100
29       M21       X      118      118       0       %         30       M21       Z       .205       .205       0       %         31       M22       X      003      003       0       %         32       M22       Z       .006       .006       0       %         33       M21A       X      118      118       0       %         34       M21A       Z       .205       .205       0       %         35       M23       X      003      003       0       %         36       M23       Z       .006       .006       0       %         37       M23A       X      209      209       0       %         38       M23A       Z       .362       .362       0       %								%100
30         M21         Z         .205         .205         0         %           31         M22         X        003        003         0         %           32         M22         Z         .006         .006         0         %           33         M21A         X        118        118         0         %           34         M21A         Z         .205         .205         0         %           35         M23         X        003        003         0         %           36         M23         Z         .006         .006         0         %           37         M23A         X        209        209         0         %           38         M23A         Z         .362         .362         0         %				X	- 118	- 118		%100
31       M22       X      003      003       0       %         32       M22       Z       .006       .006       0       %         33       M21A       X      118      118       0       %         34       M21A       Z       .205       .205       0       %         35       M23       X      003      003       0       %         36       M23       Z       .006       .006       0       %         37       M23A       X      209      209       0       %         38       M23A       Z       .362       .362       0       %				Z		.205		%100
32       M22       Z       .006       .006       0       %         33       M21A       X      118      118       0       %         34       M21A       Z       .205       .205       0       %         35       M23       X      003      003       0       %         36       M23       Z       .006       .006       0       %         37       M23A       X      209      209       0       %         38       M23A       Z       .362       .362       0       %								%100
33     M21A     X    118    118     0     %       34     M21A     Z     .205     .205     0     %       35     M23     X    003    003     0     %       36     M23     Z     .006     .006     0     %       37     M23A     X    209    209     0     %       38     M23A     Z     .362     .362     0     %		22		Z	.006	.006		%100
34     M21A     Z     .205     .205     0     %       35     M23     X    003    003     0     %       36     M23     Z     .006     .006     0     %       37     M23A     X    209    209     0     %       38     M23A     Z     .362     .362     0     %								%100
35     M23     X    003    003     0     %       36     M23     Z     .006     .006     0     %       37     M23A     X    209    209     0     %       38     M23A     Z     .362     .362     0     %						.205		%100 %100
36         M23         Z         .006         .006         0         %           37         M23A         X        209        209         0         %           38         M23A         Z         .362         .362         0         %	-				003	003		%100
37         M23A         X        209        209         0         %           38         M23A         Z         .362         .362         0         %								%100
38 M23A Z .362 .362 0 %	\			X				%100
								%100 %100
39 M24 X042042 0 %				X		042		%100 %100
40 M24 Z .073 .073 0 %				Z	.073	.073		%100 %100
					242			%100
								%100 %100
								%100 %100
								%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
45	M27	X	242	242	0	%100 <sup>-</sup>
46	M27	Z	.42	.42	0	%100
47	M28	X	242	242	0	%100
48	M28	Z	.42	.42	0	%100
49	M29	X	242	242	0	%100
50	M29	Z	.42	.42	0	%100
51	MP2A	X	308	308	0	%100
52	MP2A	Z	.533	.533	0	%100
53	MP3A	X Z	308	308	0	%100 %100
54 55	MP3A M161	X	.533 154	. <u>533</u> 154	0	%100 %100
56	M161	Z	.267	.267	0	%100 %100
57	M162	X	154	154	0	%100 %100
58	M162	Z	.267	.267	0	%100 %100
59	M163	X	01	01	0	%100 %100
60	M163	Z	.017	.017	0	%100 %100
61	M164	X	118	118	0	%100 %100
62	M164	Z	.205	.205	0	%100 %100
63	M165	X	284	284	0	%100 %100
64	M165	Z	.491	.491	0	%100
65	M168	X	301	301	0	%100
66	M168	Z	.522	.522	0	%100
67	M169	Х	247	247	0	%100
68	M169	Z	.428	.428	0	%100
69	M170	X	247	247	0	%100
70	M170	Z	.428	.428	0	%100
71	M171	X	242	242	0	%100
72	M171	Z	.42	.42	0	%100
73	M172	X	242	242	0	%100
74	M172	Z	.42	.42	0	%100
75	MP1B	X	308	308	0	%100
76	MP1B	Z	.533	.533	0	%100
77	M176	X	01	01	0	%100
78	M176	Z	.017	.017	0	%100
79	M177	X Z	118	118	0	%100
80	M177		.205	.205	0	%100 %100
81 82	M178 M178	X Z	284	284	0	%100 %100
83	M179	X	.491 757	.491 757	0	%100 %100
84	M179	Z	1.311	1.311	0	%100 %100
85	M180	X	041	041	0	%100 %100
86	M180	Z	.07	.07	0	%100 %100
87	M181	X	757	757	0	%100 %100
88	M181	Z	1.311	1.311	0	%100 %100
89	M182	X	041	041	0	%100 %100
90	M182	Z	.07	.07	0	%100
91	M183	X	209	209	0	%100
92	M183	Z	.362	.362	0	%100
93	M184	X	061	061	0	%100
94	M184	Z	.105	.105	0	%100
95	M185	Х	242	242	0	%100
96	M185	Z	.42	.42	0	%100
97	M186	X	242	242	0	%100
98	M186	Z	.42	.42	0	%100
99	M187	X	242	242	0	%100
100	M187	Z	.42	.42	0	%100
101	M188	X	242	242	0	%100

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: Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:41 PM Checked By:\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
102	M188	Z	.42	.42	0	%100
103	M189	X	242	242	0	%100
104	M189	Z	.42	.42	0	%100
105	MP2B	X	308	308	0	%100
106	MP2B	Z	.533	.533	0	%100
107	MP3B	X	308	308	0	%100
108	MP3B	Z	.533	.533	0	%100
109	M201	X	154	154	0	%100
110	M201	Z	.267	.267	0	%100
111	M202	X	154	154	0	%100
112	M202	Z	.267	.267	0	%100
113	M203	X	284	284	0	%100
114	M203	Z	.491	.491	0	%100
115	M204	X	118	118	0	%100
116	M204	Z	.205	.205	0	%100
117	M205	X	01	01	0	%100
118	M205	Z	.017	.017	0	%100
119	M208	X	301	301	0	%100
120	M208	Z	.522	.522	0	%100
121	M209	X	174	174	0	%100
122	M209	Z	.301	.301	0	%100
123	M210	X	174	174	0	%100
124	M210	Z	.301	.301 242	0	%100
125	M211	X Z	242 .42		0	%100
126 127	M211 M212		242	.42	0	%100 %100
		X		242	0	%100
128	M212 MP1C	Z X	.42 308	.42 308	0	%100 %100
129 130	MP1C	Z	.533	.533	0	%100 %100
131	M216	X	284	<u></u> 284	0	%100 %100
132	M216	Z	.491	.491	0	%100 %100
133	M217	X	118	118	0	%100 %100
134	M217	Z	.205	.205	0	%100 %100
135	M218	X	01	01	0	%100 %100
136	M218	Z	.017	.017	0	%100 %100
137	M219	X	558	558	0	%100 %100
138	M219	Z	.967	.967	0	%100 %100
139	M220	X	029	029	0	%100 %100
140	M220	Z	.049	.049	0	%100
141	M221	X	558	558	0	%100
142	M221	Z	.967	.967	0	%100
143	M222	X	029	029	0	%100
144	M222	Z	.049	.049	0	%100
145	M223	X	209	209	0	%100
146	M223	Z	.362	.362	0	%100
147	M224	Х	055	055	0	%100
148	M224	Z	.095	.095	0	%100
149	M225	Х	242	242	0	%100
150	M225	Z	.42	.42	0	%100
151	M226	X	242	242	0	%100
152	M226	Z	.42	.42	0	%100
153	M227	X	242	242	0	%100
154	M227	Z	.42	.42	0	%100
155	M228	X	242	242	0	%100
156	M228	Z	.42	.42	0	%100
157	M229	X	242	242	0	%100
158	M229	Z	.42	.42	0	%100

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

159         MP2C         X        308        308         0           160         MP2C         Z         .533         .533         0           161         MP3C         X        308        308         0           162         MP3C         Z         .533         .533         0           163         M121         X        141        141         0           164         M121         Z         .245         .245         0           165         M122A         X        027        027         0           166         M122A         X        027        027         0           166         M123A         X        297        297         0           168         M123A         X        297        297         0           168         M123A         X        141        141         0           170         M124A         X        141        141         0           170         M124A         X        027        027         0           171         M125A         X        027        027         0 <th>%100 %100 %100</th>	%100 %100 %100
161         MP3C         X        308        308         0           162         MP3C         Z         .533         .533         0           163         M121         X        141        141         0           164         M121         Z         .245         .245         0           165         M122A         X        027        027         0           166         M122A         Z         .046         .046         0           167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0         0           170         M124A         X        141        141         0         0         0           171         M125A         X        027        027         0	%100
162         MP3C         Z         .533         .533         0           163         M121         X        141        141         0           164         M121         Z         .245         .245         0           165         M122A         X        027        027         0           166         M122A         Z         .046         .046         0           167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           168         M123A         Z         .515         .515         0           168         M124A         X        141        141         0           170         M124A         X        141        141         0           170         M125A         X        027        027         0           171         M125A         X        027        027         0           172         M125A         X        297        297        297           174         M126A         X        297        297         0     <	
163         M121         X        141        141         0           164         M121         Z         .245         .245         0           165         M122A         X        027        027         0           166         M122A         Z         .046         .046         0           167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0           170         M124A         X        141        141         0           170         M124A         X        027        027         0           171         M125A         X        027        027         0           172         M125A         X        027        027         0           173         M126A         X        297        297         0           174         M126A         Z         .515         .515         0           175         OVP1         X        308        308         0 <td></td>	
164         M121         Z         .245         .245         0           165         M122A         X        027        027         0           166         M122A         Z         .046         .046         0           167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0         0           170         M124A         Z         .245         .245         0         0         0           171         M125A         X        027        027         0	%100
165         M122A         X        027        027         0           166         M122A         Z         .046         .046         0           167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0           170         M124A         Z         .245         .245         0           171         M125A         X        027        027         0           172         M125A         Z         .046         .046         0           173         M126A         X        297        297         0           174         M126A         X        297        297         0           174         M126A         Z         .515         .515         0           175         OVP1         X        308        308         0           176         OVP1         Z         .533         .533         0           177         OVP2         X        308        308         0	%100
166         M122A         Z         .046         .046         0           167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0           170         M124A         Z         .245         .245         0           171         M125A         X        027        027         0           172         M125A         Z         .046         .046         0           173         M126A         X        297        297         0           174         M126A         Z         .515         .515         0           175         OVP1         X        308        308         0           176         OVP1         Z         .533         .533         0           178         OVP2         X        308        308         0           179         M133         X        315        315         0           180         M133         Z         .545         .545         .545	%100
167         M123A         X        297        297         0           168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0           170         M124A         Z         .245         .245         0           171         M125A         X        027        027         0           172         M125A         Z         .046         .046         0           173         M126A         X        297        297         0           174         M126A         Z         .515         .515         0           175         OVP1         X        308        308         0           176         OVP1         Z         .533         .533         0           178         OVP2         X        308        308         0           179         M133         X        315        315         0           180         M133         Z         .545         .545         0           181         M137         X        173        173        173 <t< td=""><td>%100</td></t<>	%100
168         M123A         Z         .515         .515         0           169         M124A         X        141        141         0           170         M124A         Z         .245         .245         0           171         M125A         X        027        027         0           172         M125A         Z         .046         .046         0           173         M126A         X        297        297         0           174         M126A         Z         .515         .515         0           175         OVP1         X        308        308         0           176         OVP1         Z         .533         .533         0           177         OVP2         X        308        308         0           178         OVP2         Z         .533         .533         0           179         M133         X        315        315         0           180         M133         Z         .545         .545         .545           181         M137         X        173        173        173 <t< td=""><td>%100</td></t<>	%100
169       M124A       X      141      141       0         170       M124A       Z       .245       .245       0         171       M125A       X      027      027       0         172       M125A       Z       .046       .046       0         173       M126A       X      297      297       0         174       M126A       Z       .515       .515       0         175       OVP1       X      308      308       0         176       OVP1       Z       .533       .533       0         177       OVP2       X      308      308       0         178       OVP2       Z       .533       .533       0         179       M133       X      315      315       0         180       M133       Z       .545       .545       0         181       M137       X      173      173      173       0         182       M137       Z       .3       .3       0	%100
170       M124A       Z       .245       .245       0         171       M125A       X      027      027       0         172       M125A       Z       .046       .046       0         173       M126A       X      297      297       0         174       M126A       Z       .515       .515       0         175       OVP1       X      308      308       0         176       OVP1       Z       .533       .533       0         177       OVP2       X      308      308       0         178       OVP2       Z       .533       .533       0         179       M133       X      315      315       0         180       M133       Z       .545       .545       0         181       M137       X      173      173      173       0         182       M137       Z       .3       .3       0	%100
170       M124A       Z       .245       .245       0         171       M125A       X      027      027       0         172       M125A       Z       .046       .046       0         173       M126A       X      297      297       0         174       M126A       Z       .515       .515       0         175       OVP1       X      308      308       0         176       OVP1       Z       .533       .533       0         177       OVP2       X      308      308       0         178       OVP2       Z       .533       .533       0         179       M133       X      315      315       0         180       M133       Z       .545       .545       0         181       M137       X      173      173       0         182       M137       Z       .3       .3       0	%100
172       M125A       Z       .046       .046       0         173       M126A       X      297      297       0         174       M126A       Z       .515       .515       0         175       OVP1       X      308      308       0         176       OVP1       Z       .533       .533       0         177       OVP2       X      308      308       0         178       OVP2       Z       .533       .533       0         179       M133       X      315      315       0         180       M133       Z       .545       .545       0         181       M137       X      173      173       0         182       M137       Z       .3       .3       0	%100
173       M126A       X      297      297       0         174       M126A       Z       .515       .515       0         175       OVP1       X      308      308       0         176       OVP1       Z       .533       .533       0         177       OVP2       X      308      308       0         178       OVP2       Z       .533       .533       0         179       M133       X      315      315       0         180       M133       Z       .545       .545       0         181       M137       X      173      173       0         182       M137       Z       .3       .3       0	%100
174       M126A       Z       .515       .515       0         175       OVP1       X      308      308       0         176       OVP1       Z       .533       .533       0         177       OVP2       X      308      308       0         178       OVP2       Z       .533       .533       0         179       M133       X      315      315       0         180       M133       Z       .545       .545       0         181       M137       X      173      173       0         182       M137       Z       .3       .3       0	%100
175         OVP1         X        308        308         0           176         OVP1         Z         .533         .533         0           177         OVP2         X        308        308         0           178         OVP2         Z         .533         .533         0           179         M133         X        315        315         0           180         M133         Z         .545         .545         0           181         M137         X        173        173         0           182         M137         Z         .3         .3         0	%100
176         OVP1         Z         .533         .533         0           177         OVP2         X        308        308         0           178         OVP2         Z         .533         .533         0           179         M133         X        315        315         0           180         M133         Z         .545         .545         0           181         M137         X        173        173         0           182         M137         Z         .3         .3         0	%100
176         OVP1         Z         .533         .533         0           177         OVP2         X        308        308         0           178         OVP2         Z         .533         .533         0           179         M133         X        315        315         0           180         M133         Z         .545         .545         0           181         M137         X        173        173         0           182         M137         Z         .3         .3         0	%100
177     OVP2     X    308    308     0       178     OVP2     Z     .533     .533     0       179     M133     X    315    315     0       180     M133     Z     .545     .545     0       181     M137     X    173    173     0       182     M137     Z     .3     .3     0	%100
178     OVP2     Z     .533     .533     0       179     M133     X    315    315     0       180     M133     Z     .545     .545     0       181     M137     X    173    173     0       182     M137     Z     .3     .3     0	%100
179     M133     X    315     0       180     M133     Z     .545     .545     0       181     M137     X    173    173     0       182     M137     Z     .3     .3     0	%100
180     M133     Z     .545     0       181     M137     X    173    173     0       182     M137     Z     .3     .3     0	%100
181         M137         X        173        173         0           182         M137         Z         .3         .3         0	%100
182 M137 Z .3 .3 0	%100
	%100
183 M141 X173173 0	%100
184 M141 Z .3 .3 0	%100
185 M148 X025025 0	%100
186 M148 Z .043 .043 0	%100
187 M149 X215215 0	%100
188 M149 Z .372 .372 0	%100
189 M150 X306306 0	%100
190 M150 Z .529 .529 0	%100
191 M151 X -272 -272 0	%100
192 M151 Z .471 .471 0	%100
193 M152 X048048 0	%100
194 M152 Z .083 .083 0	%100
195 M153 X141141 0	%100
196 M153 Z .244 .244 0	%100
197 M151A X141141 0	%100
198 M151A Z .245 .245 0	%100
199 M152A X148148 0	%100
200 M152A Z .256 .256 0	%100
201 M153A X058058 0	%100
202 M153A Z .101 .101 0	, , , , , , ,

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
1	M109	X	161	161	0	%100
2	M109	Z	.093	.093	0	%100
3	M110	X	161	161	0	%100
4	M110	Z	.093	.093	0	%100
5	M116	X	061	061	0	%100
6	M116	Z	.035	.035	0	%100
7	M117	X	124	124	0	%100
8	M117	Z	.071	.071	0	%100
9	M118	X	478	478	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
10	M118	Z	.276	.276	0	%100
11	M124	X	522	522	0	%100
12	M124	Z	.301	.301	0	%100
13	M125	X	257	257	0	%100
14	M125	Z	.148	.148	0	%100
15	M126	X	257	257	0	%100
16	M126	Z	.148	.148	0	%100
17	M127	X	42	42	0	%100
18	M127	Z	.242	.242	0	%100
19	M128	X	42	42	0	%100
20	M128	Z	.242	.242	0	%100
21	MP1A	X	533	533	0	%100
22	MP1A	Z	.308	.308	0	%100
23	M18	Χ	061	061	0	%100
24	M18	Z	.035	.035	0	%100
25	M19	X	124	124	0	%100
26	M19	Z	.071	.071	0	%100
27	M20	X	478	478	0	%100
28	M20	Z	.276	.276	0	%100
29	<u>M21</u>	X	84	84	0	%100
30	M21	Z	.485	.485	0	%100
31	M22	X	042	042	0	%100
32	M22	Z	.024	.024	0	%100
33	M21A	X	84	84	0	%100
34	M21A	Z	.485	.485	0	%100
35	M23	X	042	042	0	%100
36	M23	Z	.024	.024	0	%100
37	M23A	X	362	362	0	%100
38	M23A	Z	.209	.209	0	%100
39	M24	X	091	091	0	%100
40	M24	Z	.053	.053	0	%100
41	<u>M25</u>	X	42	42	0	%100
42	M25	Z	.242	.242	0	%100
43	M26	X	42	42	0	%100
44	M26	Z	.242	.242	0	%100
45	M27	X	42	42	0	%100
46	M27	Z	.242	.242	0	%100
47	M28	X	42	42	0	%100
48	M28	Z	.242	.242	0	%100
49	M29 M29	X	42 .242	42 .242	0	%100 %100
50	MP2A	Z		<u>242</u> 533	0	
51	MP2A MP2A	X Z	533		0	%100 %100
52 53	MP3A	X	.308 533	.308 533	0	%100 %100
54	MP3A	Z	333	555 .308	0	%100 %100
55	M161	X	019	<u>.306</u> 019	0	%100 %100
56	M161	Z	.011	019 .011	0	%100 %100
57	M162	X	019	019	0	%100 %100
58	M162	Z	.011	019 .011	0	%100 %100
59	M163	X	209	209	0	%100 %100
60	M163	Z	.121	.121	0	%100 %100
61	M164	X	015	015	0	%100 %100
62	M164	Z	.009	.009	0	%100 %100
63	M165	X	374	374	0	%100 %100
64	M165	Z	.216	.216	0	%100 %100
65	M168	X	522	522	0	%100 %100
66	M168	Z	.301	.301	0	%100 %100
UU	IVI I UO		.ას I	.301	U	/0 100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
67	M169	X	508	508	0	%100
68	M169	Z	.293	.293	0	%100
69	M170	X	508	508	0	%100
70	M170	Z	.293	.293	0	%100
71	M171	X	42	42	0	%100
72	M171	Z	.242	.242	0	%100
73	M172	X	42	42	0	%100
74	M172	Z	.242	.242	0	%100
75	MP1B	X	533	533	0	%100
76	MP1B	Z	.308	.308	0	%100
77	M176	X	209	209	0	%100
78	M176	Z	.121	.121	0	%100
79	M177	X	015	015	0	%100
80	M177	Z	.009	.009	0	%100
81	M178	X	374	374	0	%100
82	M178	Z	.216	.216	0	%100
83	M179	X	-1.561	-1.561	0	%100
84	M179	Z	.901	.901	0	%100
85	M180	X	083	083	0	%100
86	M180	Z	.048	.048	0	%100
87	M181	X	-1.561	-1.561	0	%100
88	M181	Z	.901	.901	0	%100
89	M182	Х	083	083	0	%100
90	M182	Z	.048	.048	0	%100
91	M183	X	362	362	0	%100
92	M183	Z	.209	.209	0	%100
93	M184	X	112	112	0	%100
94	M184	Z	.065	.065	0	%100
95	M185	X	42	42	0	%100
96	M185	Z	.242	.242	0	%100
97	M186	X	42	42	0	%100
98	M186	Z	.242	.242	0	%100
99	M187	X	42	42	0	%100
100	M187	Z	.242	.242	0	%100 %100
101	M188	X	42	42	0	%100 %100
102	M188	Z	.242	.242	0	%100 %100
103	M189	X	42	42	0	%100 %100
104	M189	Z	.242	.242	0	%100 %100
105	MP2B	X	533	533	0	%100 %100
106	MP2B	Z	.308	.308	0	%100 %100
107	MP3B	X	533	533	0	%100 %100
108	MP3B	Z	.308	.308	0	%100 %100
109	M201	X	57	57	0	%100 %100
110	M201	Z	.329	.329	0	%100 %100
111	M202	X	57	<u>29</u> 57	0	%100 %100
112	M202	Z	.329	.329	0	%100 %100
113	M203	X	.329 363	363	0	%100 %100
114	M203 M203	Z	303 .21	303 .21	0	%100 %100
115	M204	X	437	437	0	%100 %100
116	M204 M204	Z	43 <i>1</i> .252	43 <i>1</i> .252	0	%100 %100
117						
	M205	X	054	054	0	%100 %100
118	M205	Z	.031	.031	0	%100 %100
119	M208	X Z	522	522	0	%100 %100
120	M208		.301	.301	0	%100 %100
121	M209	X	06	06	0	%100
122	M209	Z	.035	.035	0	%100
123	M210	X	06	06	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
124	M210	Z	.035	.035	0	%100
125	M211	X	42	42	0	%100
126	M211	Z	.242	.242	0	%100
127	M212	X	42	42	0	%100
128	M212	Z	.242	.242	0	%100
129	MP1C	X	533	533	0	%100
130	MP1C	Z	.308	.308	0	%100
131	M216	X	363	363	0	%100
132	M216	Z	.21	.21	0	%100
133	M217	Χ	437	437	0	%100
134	M217	Z	.252	.252	0	%100
135	M218	X	054	054	0	%100
136	M218	Z	.031	.031	0	%100
137	M219	X	278	278	0	%100
138	M219	Z	.161	.161	0	%100
139	M220	X	01	01	0	%100
140	M220	Z	.006	.006	0	%100
141	M221	X	278	278	0	%100
142	M221	Z	.161	.161	0	%100
143	M222	X	01	01	0	%100
144	M222	Z	.006	.006	0	%100
145	M223	X	362	362	0	%100
146	M223	Z	.209	.209	0	%100
147	M224	X	075	075	0	%100
148	M224	Z	.044	.044	0	%100
149	M225	X	42	42	0	%100
150	M225	Z	.242	.242	0	%100
151	M226	X	42	42	0	%100
152	M226	Z	.242	.242	0	%100
153	M227	X	42	42	0	%100
154	M227	Z	.242	.242	0	%100
155	M228	X	42	42	0	%100
156	M228	Z	.242	.242	0	%100
157	M229	X	42	42	0	%100
158	M229	Z	.242	.242	0	%100
159	MP2C	X	533	533	0	%100 %100
160	MP2C	Z	.308	.308	0	%100 %100
161 162	MP3C MP3C	X Z	<u>533</u> .308	<u>533</u> .308	0	%100 %100
163	M121	X	486	486	0	%100 %100
164	M121	Z	466	486 .281	0	%100 %100
165	M122A	X	027	027	0	%100 %100
166	M122A	Z	.015	02 <i>t</i> .015	0	%100 %100
167	M123A	X	307	307	0	%100 %100
168	M123A	Z	.177	30 <i>1</i> .177	0	%100 %100
169	M124A	X	486	486	0	%100 %100
170	M124A	Z	.281	.281	0	%100 %100
171	M125A	X	027	027	0	%100 %100
172	M125A	Z	.015	.015	0	%100 %100
173	M126A	X	307	307	0	%100 %100
174	M126A	Z	.177	.177	0	%100 %100
175	OVP1	X	533	533	0	%100 %100
176	OVP1	Z	.308	.308	0	%100 %100
177	OVP2	X	533	533	0	%100 %100
178	OVP2	Z	.308	.308	0	%100 %100
179	M133	X	182	182	0	%100 %100
180	M133	Z	.105	.105	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
181	M137	X	022	022	0	%100 <sup>-</sup>
182	M137	Z	.013	.013	0	%100
183	M141	Х	642	642	0	%100
184	M141	Z	.371	.371	0	%100
185	M148	X	318	318	0	%100
186	M148	Z	.183	.183	0	%100
187	M149	X	074	074	0	%100
188	M149	Z	.043	.043	0	%100
189	M150	X	629	629	0	%100
190	M150	Z	.363	.363	0	%100
191	M151	X	22	22	0	%100
192	M151	Z	.127	.127	0	%100
193	M152	X	007	007	0	%100
194	M152	Z	.004	.004	0	%100
195	M153	X	486	486	0	%100
196	M153	Z	.28	.28	0	%100
197	M151A	X	046	046	0	%100
198	M151A	Z	.027	.027	0	%100
199	M152A	X	053	053	0	%100
200	M152A	Z	.031	.031	0	%100
201	M153A	X	314	314	0	%100
202	M153A	Z	.181	.181	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	0	0	0	%100
2	M109	Z	0	0	0	%100
3	M110	X	0	0	0	%100
4	M110	Z	0	0	0	%100
5	M116	Х	34	34	0	%100
6	M116	Z	0	0	0	%100
7	M117	X	0	0	0	%100
8	M117	Z	0	0	0	%100
9	M118	X	34	34	0	%100
10	M118	Z	0	0	0	%100
11	M124	X	602	602	0	%100
12	M124	Z	0	0	0	%100
13	M125	X	553	553	0	%100
14	M125	Z	0	0	0	%100
15	M126	X	553	553	0	%100
16	M126	Z	0	0	0	%100
17	M127	X	485	485	0	%100
18	M127	Z	0	0	0	%100
19	M128	X	485	485	0	%100
20	M128	Z	0	0	0	%100
21	MP1A	X	616	616	0	%100
22	MP1A	Z	0	0	0	%100
23	M18	X	34	34	0	%100
24	M18	Z	0	0	0	%100
25	M19	X	0	0	0	%100
26	M19	Z	0	0	0	%100
27	M20	X	34	34	0	%100
28	M20	Z	0	0	0	%100
29	M21	X	-1.702	-1.702	0	%100
30	M21	Z	0	0	0	%100
31	M22	X	091	091	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
32	M22	Z	0	0	0	%100
33	M21A	X	-1.702	-1.702	0	%100
34	M21A	Z	0	0	0	%100
35	M23	X	091	091	0	%100
36	M23	Z	0	0	0	%100
37	M23A	X	419	419	0	%100
38	M23A	Z	0	0	0	%100
39	M24	X	126	126	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	485	485	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	485	485	0	%100
44	M26	Z	0	0	0	%100
45	<u>M27</u>	X	485	485	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	485	485	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	485	485	0	%100
50	M29	Z	0	0	0	%100
51	MP2A	X	616	616	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	616	616	0	%100 %100
54	MP3A	Z	0	0	0	%100 %100
55	M161	X Z	087	087	0	%100 %100
56	M161 M162	X	0	0 087	0	%100 %100
57	M162 M162	Z	087			%100 %100
58	M163	X	0 505	0 505	0	%100 %100
59 60	M163	Z	505	505 0	0	%100 %100
61	M164	X	067	067	0	%100 %100
62	M164	Z	007	<u>007</u>	0	%100 %100
63	M165	X	148	148	0	%100 %100
64	M165	Z	0	0	0	%100 %100
65	M168	X	602	602	0	%100 %100
66	M168	Z	0	0	0	%100 %100
67	M169	X	389	389	0	%100 %100
68	M169	Z	0	0	0	%100 %100
69	M170	X	389	389	0	%100 %100
70	M170	Z	0	0	0	%100 %100
71	M171	X	485	485	0	%100
72	M171	Z	0	0	0	%100
73	M172	X	485	485	0	%100
74	M172	Z	0	0	0	%100
75	MP1B	X	616	616	0	%100
76	MP1B	Z	0	0	0	%100
77	M176	Х	505	505	0	%100
78	M176	Z	0	0	0	%100
79	M177	Х	067	067	0	%100
80	M177	Z	0	0	0	%100
81	M178	X	148	148	0	%100
82	M178	Z	0	0	0	%100
83	M179	X	-1.259	-1.259	0	%100
84	M179	Z	0	0	0	%100
85	M180	X	064	064	0	%100
86	M180	Z	0	0	0	%100
87	M181	X	-1.259	-1.259	0	%100
88	M181	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
89	M182	X	064	064	0	%100
90	M182	Z	0	0	0	%100
91	M183	X	419	419	0	%100
92	M183	Z	0	0	0	%100
93	M184	X	113	113	0	%100
94	M184	Z	0	0	0	%100
95	M185	Χ	485	485	0	%100
96	M185	Z	0	0	0	%100
97	M186	Χ	485	485	0	%100
98	M186	Z	0	0	0	%100
99	M187	X	485	485	0	%100
100	M187	Z	0	0	0	%100
101	M188	X	485	485	0	%100
102	M188	Z	0	0	0	%100
103	M189	X	485	485	0	%100
104	M189	Z	0	0	0	%100
105	MP2B	X	616	616	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	616	616	0	%100
108	MP3B	Z	0	0	0	%100
109	M201	X	723	723	0	%100
110	M201	Z	0	0	0	%100
111	M202	X	723	723	0	%100
112	M202	Z	0	0	0	%100
113	M203	X	136	136	0	%100
114	M203	Z	0	0	0	%100
115	M204	Х	554	554	0	%100
116	M204	Z	0	0	0	%100
117	M205	X	326	326	0	%100
118	M205	Z	0	0	0	%100
119	M208	Х	602	602	0	%100
120	M208	Z	0	0	0	%100
121	M209	X	018	018	0	%100
122	M209	Z	0	0	0	%100
123	M210	Х	018	018	0	%100
124	M210	Z	0	0	0	%100
125	M211	Х	485	485	0	%100
126	M211	Z	0	0	0	%100
127	M212	Х	485	485	0	%100
128	M212	Z	0	0	0	%100
129	MP1C	X	616	616	0	%100
130	MP1C	Z	0	0	0	%100
131	M216	X	136	136	0	%100
132	M216	Z	0	0	0	%100
133	M217	X	554	554	0	%100
134	M217	Z	0	0	0	%100
135	M218	X	326	326	0	%100
136	M218	Z	0	0	0	%100 %100
137	M219	X	174	174	0	%100
138	M219	Z	0	0	0	%100 %100
139	M220	X	003	003	0	%100 %100
140	M220	Z	0	0	0	%100 %100
141	M221	X	174	174	0	%100 %100
142	M221	Z	0	0	0	%100 %100
143	M222	X	003	003	0	%100 %100
144	M222	Z	0	0	0	%100 %100
145	M223	X	419	419	0	%100 %100
170	IVIZZU		, T I V	i T 1 V		/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
146	M223	Z	0	0	0	%100
147	M224	X	083	083	0	%100
148	M224	Z	0	0	0	%100
149	M225	X	485	485	0	%100
150	M225	Z	0	0	0	%100
151	M226	X	485	485	0	%100
152	M226	Z	0	0	0	%100
153	M227	X	485	485	0	%100
154	M227	Z	0	0	0	%100
155	M228	X	485	485	0	%100
156	M228	Z	0	0	0	%100
157	M229	X	485	485	0	%100
158	M229	Z	0	0	0	%100
159	MP2C	X	616	616	0	%100
160	MP2C	Z	0	0	0	%100
161	MP3C	X	616	616	0	%100
162	MP3C	Z	0	0	0	%100
163	M121	X	587	587	0	%100
164	M121	Z	0	0	0	%100
165	M122A	X Z	285	285	0	%100
166	M122A		0	0	0	%100
167	M123A	X Z	067	067	0	%100
168 169	M123A M124A	X	0 587	<u>0</u> 587	0	%100 %100
170	M124A	Z	56 <i>1</i>	56 <i>t</i> 0	0	%100 %100
171	M125A	X	285	285	0	%100 %100
172	M125A	Z	265	265 0	0	%100 %100
173	M126A	X	067	067	0	%100 %100
174	M126A	Z	007	00 <i>1</i>	0	%100 %100
175	OVP1	X	616	616	0	%100 %100
176	OVP1	Z	0	0	0	%100 %100
177	OVP1	X	616	616	0	%100 %100
178	OVP2	Z	0	0	0	%100 %100
179	M133	X	0	0	0	%100 %100
180	M133	Z	0	0	0	%100 %100
181	M137	X	098	098	0	%100
182	M137	Z	0	0	0	%100 %100
183	M141	X	814	814	0	%100
184	M141	Ž	0	0	0	%100
185	M148	X	684	684	0	%100
186	M148	Z	0	0	0	%100
187	M149	X	022	022	0	%100
188	M149	Z	0	0	0	%100
189	M150	X	482	482	0	%100
190	M150	Z	0	0	0	%100
191	M151	X	018	018	0	%100
192	M151	Z	0	0	0	%100
193	M152	X	22	22	0	%100
194	M152	Z	0	0	0	%100
195	M153	X	587	587	0	%100
196	M153	Z	0	0	0	%100
197	M151A	X	017	017	0	%100
198	M151A	Z	0	0	0	%100
199	M152A	X	013	013	0	%100
200	M152A	Z	0	0	0	%100
201	M153A	X	493	493	0	%100
202	M153A	Z	0	0	0	%100

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

2   M109   Z  093  093   0   %10     3   M110   X  161  161   0   0   %10     4   M110   Z  093  093   0   0   %10     5   M116   X  478  478   0   %10     6   M116   Z  276  276   0   %10     7   M117   X  124  124   0   %10     8   M117   Z  071  071   0   %10     9   M118   X  061  061   0   %10     10   M118   X  051  061   0   %10     11   M124   X  522  522   0   %10     12   M124   Z  301  301   0   %10     13   M125   X  479  479   0   %10     14   M125   X  479  479   0   %10     15   M126   X  479  479   0   %10     16   M126   Z  276   0   %10     17   M127   X  42  42   0   %10     18   M127   X  42  42   0   %10     19   M128   X  42  42   0   %10     19   M128   X  42  42   0   %10     20   M128   Z  242  242   0   %10     21   MP1A   Z  308  308   0   %10     22   MP1A   Z  308  308   0   %10     23   M18   X  061  061   0   %10     24   M18   Z  276  276   0   %10     25   M19   X  124  124   0   %10     26   M19   Z  071  071   0   %10     27   M20   X  081  081  081   0   %10     28   M20   Z  035  035   0   %10     29   M21   X  124  124   0   %10     29   M21   X  124  124   0   %10     20   M28   Z  242  242   0   %10     21   MP1A   Z  308  308   0   %10     22   MP1A   Z  308  308   0   %10     23   M18   X  478  478   0   %10     24   M18   Z  276  276   0   %10     25   M19   X  124  124   0   %10     26   M19   Z  071  071   0   %10     27   M20   X  061  061   0   %10     31   M22   X  079  079   0   %10     32   M22   Z  045  045  045   0   %10     33   M21A   X  1474   -1.474   0   %10     34   M21A   X  1474   -1.474   0   %10     35   M23   X  079  079   0   %10     36   M23   X  079  079   0   %10     37   M23A   X  362  362   0   %10     38   M23A   X  363  363   0   %10     41   M25   X  42  42   0   %		Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	.End Location[ft,
3         M110         X        161        093         0         %10           5         M116         X        478        478         0         %10           6         M116         Z        276        276         0         %10           7         M117         X        124        124         0         %10           8         M117         Z        071        001         0         %10           9         M118         X        061         0         %10           10         M18         Z        035        035         0         %10           10         M18         Z        035        035         0         %10           11         M124         X        522        522         0         %10           12         M124         X        522        522         0         %10           14         M124         X        522        522         0         %10           14         M125         X        276        276        276         0         %10           15         M126         <							%100
4         M110         Z        093        093         0         %10           5         M116         X        478         0         %10           6         M116         Z        276        276         0         %10           7         M117         X        124        124         0         %10           8         M117         Z        071        061         0         %10           9         M118         X        061        061         0         %10           10         M118         X        061        061         0         %10           11         M124         X        522        522         0         %10           11         M124         X        522        522         0         %10           13         M125         X        479        479        479         0         %10           13         M126         X        479        479        479         0         %10           16         M126         Z        276        276         0         %10           17			Z		093		
5         M116         X        478        478         0         %10           6         M116         Z        276         0         %10           7         M117         X        124        124         0         %11           8         M117         Z        071        061         0         %10           9         M118         X        061        061         0         %10           10         M118         Z        035        035         0         %10           11         M124         X        522         0         %10           12         M124         Z        301        301         0         %10           12         M124         Z        301        301         0         %10           14         M125         Z        276        276         0         %10           14         M125         Z        276        276         0         %10           15         M126         X        276        226         0         %10           16         M127         X        42 <td< td=""><td></td><td></td><td><u>X</u></td><td></td><td>161</td><td></td><td></td></td<>			<u>X</u>		161		
6         M116         Z        276         0         %10           7         M117         X        124        124         0         %10           8         M117         Z        071        071         0         %10           9         M118         X        061        061         0         %10           10         M118         X        061        055         0         %10           11         M124         X        522        522         0         %10           11         M124         X        522        522         0         %10           13         M125         X        479        479         0         %10           14         M125         X        479        479         0         %10           15         M126         X        479        479         0         %10           15         M126         X        479        479         0         %10           16         M128         Z        276        276         0         %10           17         M127         X         <							
T         M117         X        124        071        071         0         %110           9         M118         X        061        061         0         %10           10         M118         Z        035        035         0         %10           11         M124         X        522        522         0         %10           12         M124         Z        301        301         0         %10           13         M125         X        479        479         0         %10           14         M125         Z        276        276         0         %10           14         M125         X        479        479         0         %10           15         M126         X        479        479         0         %10           16         M126         X        479        479         0         %10           17         M127         X        42        276         0         %10           17         M128         X        42        242         0         %10           20							%100
8         M117         Z        071        061         0.07         0.0							%100
9         M118         X        061        085         0         %10           10         M118         Z        035         0         %10           11         M124         X        522        522         0         %10           12         M124         Z        301        301         0         %10           13         M125         X        479        479         0         %10           14         M125         Z        276        276         0         %10           15         M126         X        479        479         0         %10           16         M126         Z        276        276         0         %10           16         M127         X        42        42         0         %10           17         M127         X        42        242         0         %10           18         M127         Z        242        242         0         %10           20         M128         X        42        242         0         %10           21         MP1A         X <t< td=""><td></td><td></td><td>X</td><td></td><td></td><td></td><td>%100</td></t<>			X				%100
10							%100
11         M124         X        522        522         0         %10           12         M124         Z        301        301         0         %10           13         M125         X        479        479         0         %10           14         M125         Z        276        276         0         %10           15         M126         X        479        479         0         %10           16         M126         Z        276        276         0         %10           16         M126         Z        242        42         0         %10           17         M127         X        42        42         0         %10           19         M128         X        42        242         0         %10           20         M128         X        42        242         0         %10           21         MP1A         X        533        533         0         %10           21         MP1A         Z        308        308         0         %10           23         MP1A							%100
12						0	%100
13         M125         X        479        479         0         %10           14         M125         Z        276        276         0         %10           15         M126         X        479        479         0         %60           16         M126         Z        276        276         0         %10           17         M127         X        42        42         0         %10           18         M127         Z        242        42         0         %10           19         M128         X        42        42         0         %10           20         M128         Z        242        242         0         %10           21         MP1A         X        533        533         0         %10           21         MP1A         X        533        533         0         %10           21         MP1A         X        533        533         0         %10           23         M18         X        478        478         0         %10           24         M18	11	M124	X		522	0	%100
14         M125         Z        276	12			301	301	0	%100
15         M126         X        479        479         0         %10           16         M126         Z        276        276         0         %10           17         M127         X        42        42         0         %10           18         M127         Z        242        242         0         %10           19         M128         X        42        42         0         %10           20         M128         X        42        42         0         %10           20         M128         Z        242        242         0         %10           21         MP1A         X        533        533         0         %10           22         MP1A         Z        308        308         0         %10           23         M18         X        478        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19 <td< td=""><td>13</td><td></td><td>X</td><td>479</td><td>479</td><td>0</td><td>%100</td></td<>	13		X	479	479	0	%100
16         M126         Z        276        276         0         %10           17         M127         X        42        42         0         %10           18         M127         Z        242        242         0         %10           19         M128         X        42        42         0         %10           20         M128         X        42        42         0         %10           21         MP1A         X        533        533         0         %10           21         MP1A         Z        308        308         0         %10           23         M18         X        478         0         %10           23         M18         X        478         0         %10           24         M18         Z        276        276         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19         X        127        071	14	M125	Z	276	276	0	%100
16         M126         Z        276        276         0         %10           17         M127         X        42        42         0         %10           18         M127         Z        242        242         0         %10           19         M128         X        42        42         0         %10           20         M128         X        42        42         0         %10           21         MP1A         X        533        533         0         %10           21         MP1A         Z        308        308         0         %10           23         M18         X        478        478         0         %10           23         M18         X        478        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %10           27         M20         X	15	M126	X	479	479	0	%100
17         M127         X        42        42         0         %10           18         M127         Z        242        242         0         %10           20         M128         X        42        42         0         %10           20         M128         Z        242        242         0         %10           21         MP1A         X        533        533         0         %10           21         MP1A         X        533        533         0         %10           22         MP1A         Z        308        308         0         %61           23         M18         X        478        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %10           27         M20         X        061        061         0         %10           27         M20 <td< td=""><td>16</td><td>M126</td><td></td><td>276</td><td>276</td><td>0</td><td>%100</td></td<>	16	M126		276	276	0	%100
18         M127         Z        242        242         0         %10           19         M128         X        42        42         0         %10           20         M128         Z        242        242         0         %10           21         MP1A         X        533        533         0         %10           22         MP1A         Z        308        308         0         %10           23         M18         X        478        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %10           26         M19         Z        071        071         0         %10           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           30         M21 <td< td=""><td></td><td></td><td>Х</td><td></td><td></td><td>0</td><td>%100</td></td<>			Х			0	%100
10			Z		242		%100
20         M128         Z        242        242         0         %10           21         MP1A         X        533        533         0         %10           22         MP1A         Z        308        308         0         %10           23         M18         X        478        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124         1.24         0         %10           26         M19         Z        071        071         0         %10           26         M19         Z        061        061         0         %10           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X         -1.474         -1.474         0         %10           31         M22         X        079        079         0         %10           31         M22 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>%100</td></t<>							%100
21         MP1A         X        533        533         0         %10           22         MP1A         Z        308        308         0         %10           23         M18         X        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %10           26         M19         Z        061        061         0         %10           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X         -1.474         -1.474         0         %10           30         M21         X        079        079         0         %10           31         M22         X        079        079         0         %10           32         M22         Z							%100
22         MP1A         Z        308        308         0         %10           23         M18         X        478        478         0         %10           24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %410           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %610           29         M21         X        1474         -1.474         0         %10           30         M21         X        1474         -1.474         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           35         M23							%100
23         M18         X        478        478         0         %10           24         M18         Z        276         0         %10           25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %60           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X        1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         X         -1.474         -1.474         0         %10           35         M23         X         <							%100
24         M18         Z        276        276         0         %10           25         M19         X        124        124         0         %610           26         M19         Z        071        071         0         %10           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X         -1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         X         -1.474         -1.474         0         %10           35         M23         X        079        079         0         %10           36         M23					- 478		%100
25         M19         X        124        124         0         %10           26         M19         Z        071        071         0         %10           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X         -1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         X         -1.474         -1.474         0         %10           35         M23         X        079        079         0         %10           36         M23         Z        045        045         0         %10           37         M23A			7	- 276	- 276		%100 %100
26         M19         Z        071        071         0         %10           27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X        1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X        1474         -1.474         0         %10           34         M21A         X        1474         -1.474         0         %10           34         M21A         X        1474         -1.474         0         %10           35         M23         X        079        079         0         %10           36         M23         X        063        045         0         %10           38         M23A							
27         M20         X        061        061         0         %10           28         M20         Z        035        035         0         %10           29         M21         X        1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X        1474        1474         0         %10           34         M21A         X        1474        1474         0         %10           35         M23         X        079        079         0         %10           36         M23         X        079        079         0         %10           37         M23A         X        062        045         0         %10           38         M23A         X        209        209         0         %10           39         M24							
28         M20         Z        035        035         0         %10           29         M21         X         -1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         Z        851        851         0         %10           34         M21A         Z        851        851         0         %10           35         M23         X        079        079         0         %10           36         M23         Z        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
29         M21         X         -1.474         -1.474         0         %10           30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         Z        851        851         0         %10           35         M23         X        079        079         0         %10           35         M23         X        079        045         0         %10           37         M23A         X        362        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z <td< td=""><td></td><td></td><td>7</td><td></td><td></td><td></td><td></td></td<>			7				
30         M21         Z        851        851         0         %10           31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         Z        851        851         0         %10           35         M23         X        079        079         0         %10           36         M23         Z        045        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25							
31         M22         X        079        079         0         %10           32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         Z        851        851         0         %10           35         M23         X        079         0         %10           36         M23         X        079         0         %10           37         M23A         X        362        045         0         %10           38         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        2							
32         M22         Z        045        045         0         %10           33         M21A         X         -1.474         -1.474         0         %10           34         M21A         Z        851        851         0         %10           35         M23         X        079        079         0         %10           36         M23         Z        045        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           44         M26         X        42        242         0         %10           45         M27         <							
33         M21A         X         -1.474         -1.474         0         %10           34         M21A         Z        851        851         0         %10           35         M23         X        079        079         0         %10           36         M23         Z        045        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        362         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        42         0         %10           44         M26         Z        242        242         0         %10           45         M27         X<							
34         M21A         Z        851        851         0         %10           35         M23         X        079        079         0         %10           36         M23         Z        045        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        242         0         %10           44         M26         Z        242        242         0         %10           45         M27         X        42        242         0         %10           46         M27         Z <td></td> <td></td> <td></td> <td></td> <td>U45 1 474</td> <td></td> <td></td>					U45 1 474		
35         M23         X        079        079         0         %10           36         M23         Z        045        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           41         M25         X        42        242         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        42         0         %10           44         M26         Z        242        242         0         %10           45         M27         X        42        242         0         %10           46         M27         Z			X 7		-1.474		
36         M23         Z        045        045         0         %10           37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        42         0         %10           44         M26         Z        242        242         0         %10           45         M27         X        42        42         0         %10           46         M27         Z        242        242         0         %10           47         M28         X        42        42         0         %10           48         M28         Z							
37         M23A         X        362        362         0         %10           38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        242         0         %10           44         M26         Z        242        242         0         %10           45         M27         X        42        242         0         %10           46         M27         Z        242        242         0         %10           47         M28         X        42        242         0         %10           48         M28         Z        242        242         0         %10           49         M29         X							
38         M23A         Z        209        209         0         %10           39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        42         0         %10           44         M26         Z        242        242         0         %10           45         M27         X        42        42         0         %10           46         M27         Z        242        242         0         %10           47         M28         X        42        242         0         %10           48         M28         Z        242        242         0         %10           49         M29         X        42        242         0         %10           50         M29         Z							
39         M24         X        11        11         0         %10           40         M24         Z        063        063         0         %10           41         M25         X        42        42         0         %10           42         M25         Z        242        242         0         %10           43         M26         X        42        242         0         %10           44         M26         Z        242        242         0         %10           45         M27         X        42        42         0         %10           46         M27         Z        242        242         0         %10           47         M28         X        42        42         0         %10           48         M28         Z        242        242         0         %10           49         M29         X        42        242         0         %10           50         M29         Z        242        242         0         %10           51         MP2A         X			X				
40       M24       Z      063      063       0       %10         41       M25       X      42      42       0       %10         42       M25       Z      242      242       0       %10         43       M26       X      42      42       0       %10         44       M26       Z      242      242       0       %10         45       M27       X      42      42       0       %10         46       M27       Z      242      242       0       %10         47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10							
41       M25       X      42      42       0       %10         42       M25       Z      242      242       0       %10         43       M26       X      42      42       0       %10         44       M26       Z      242      242       0       %10         45       M27       X      42      42       0       %10         46       M27       Z      242      242       0       %10         47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10							
42       M25       Z      242      242       0       %10         43       M26       X      42      42       0       %10         44       M26       Z      242      242       0       %10         45       M27       X      42      42       0       %10         46       M27       Z      242      242       0       %10         47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10							
43       M26       X      42      42       0       %10         44       M26       Z      242      242       0       %10         45       M27       X      42      42       0       %10         46       M27       Z      242      242       0       %10         47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10			X				%100
44       M26       Z      242      242       0       %10         45       M27       X      42      42       0       %10         46       M27       Z      242      242       0       %10         47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10							%100
45       M27       X      42      42       0       %10         46       M27       Z      242      242       0       %10         47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10			X				%100
46         M27         Z        242        242         0         %10           47         M28         X        42        42         0         %10           48         M28         Z        242        242         0         %10           49         M29         X        42        42         0         %10           50         M29         Z        242        242         0         %10           51         MP2A         X        533        533         0         %10							%100
47       M28       X      42      42       0       %10         48       M28       Z      242      242       0       %10         49       M29       X      42      42       0       %10         50       M29       Z      242      242       0       %10         51       MP2A       X      533      533       0       %10							%100
48     M28     Z    242    242     0     %10       49     M29     X    42    42     0     %10       50     M29     Z    242    242     0     %10       51     MP2A     X    533    533     0     %10							%100
48     M28     Z    242    242     0     %10       49     M29     X    42    42     0     %10       50     M29     Z    242    242     0     %10       51     MP2A     X    533    533     0     %10			X	42	42		%100
50         M29         Z        242        242         0         %10           51         MP2A         X        533        533         0         %10			Z				%100
51 MP2A X533533 0 %10			X				%100
51 MP2A X533533 0 %10		M29		242			%100
		MP2A	X	533	533	0	%100
	52	MP2A	Z	308	308	0	%100
53 MP3A X533533 0 %10			Х				%100
			Z				%100
							%100
							%100
							%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
58	M162	Z	219	219	0	%100
59	M163	X	474	474	0	%100
60	M163	Z	274	274	0	%100
61	M164	X	29	29	0	%100
62	M164	Z	168	168	0	%100
63	M165	Χ	-7.6e-5	-7.6e-5	0	%100
64	M165	Z	-4.4e-5	-4.4e-5	0	%100
65	M168	X	522	522	0	%100
66	M168	Z	301	301	0	%100
67	M169	X	086	086	0	%100
68	M169	Z	049	049	0	%100
69	M170	X	086	086	0	%100
70	M170	Z	049	049	0	%100
71	M171	X	42	42	0	%100
72	M171	Z	242	242	0	%100
73	M172	X	42	42	0	%100
74	M172	Z	242	242	0	%100
75	MP1B	X Z	533	533	0	%100
76	MP1B	X	308	<u>308</u> 474	0	%100 %100
77	M176	Z	474		0	%100
78	M176 M177		274	274	0	%100 %100
79 80	M177	X Z	29 168	29 168	0	%100 %100
81	M178	X	-7.6e-5	-7.6e-5	0	%100 %100
82	M178	Z	-4.4e-5	-7.0e-5 -4.4e-5	0	%100 %100
83	M179	X	369	-4.4e-5 369	0	%100 %100
84	M179	Z	213	213	0	%100 %100
85	M180	X	014	014	0	%100 %100
86	M180	Z	014	008	0	%100 %100
87	M181	X	369	369	0	%100 %100
88	M181	Z	213	213	0	%100 %100
89	M182	X	014	014	0	%100 %100
90	M182	Z	008	008	0	%100 %100
91	M183	X	362	362	0	%100 %100
92	M183	Z	209	209	0	%100 %100
93	M184	X	078	078	0	%100
94	M184	Z	045	045	0	%100
95	M185	X	42	42	0	%100
96	M185	Z	242	242	0	%100
97	M186	Χ	42	42	0	%100
98	M186	Z	242	242	0	%100
99	M187	Χ	42	42	0	%100
100	M187	Z	242	242	0	%100
101	M188	X	42	42	0	%100
102	M188	Z	242	242	0	%100
103	M189	X	42	42	0	%100
104	M189	Z	242	242	0	%100
105	MP2B	X	533	533	0	%100
106	MP2B	Z	308	308	0	%100
107	MP3B	X	533	533	0	%100
108	MP3B	Z	308	308	0	%100
109	M201	X	379	379	0	%100
110	M201	Z	219	219	0	%100
111	M202	X	379	379	0	%100
112	M202	Z	219	219	0	%100
113	M203	X	-7.6e-5	-7.6e-5	0	%100
114	M203	Z	-4.4e-5	-4.4e-5	0	%100

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Project No. 10055829 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:41 PM Checked By:\_\_

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

115   M204   X   -29   -29   0   %100     117   M205   X   -474   -474   0   %100     118   M205   Z   -274   -274   0   %100     119   M208   X   -522   -522   0   %100     119   M208   X   -522   -522   0   %100     120   M208   Z   -301   -301   0   %100     121   M209   X   -212   -212   0   %100     121   M209   X   -212   -212   0   %100     122   M209   Z   -122   -122   0   %100     123   M210   X   -212   -212   0   %100     124   M210   Z   -122   -212   0   %100     125   M211   X   -42   -42   0   %100     126   M211   X   -42   -42   0   %100     127   M212   X   -42   -42   0   %100     128   M212   Z   -242   -242   0   %100     129   MP1C   X   -533   -533   0   %100     130   MP1C   Z   -308   -308   0   %100     131   M216   X   -7.66-5   -7.66-5   0   %100     133   M217   X   -29   -29   0   %100     133   M217   X   -29   -29   0   %100     134   M217   Z   -168   -168   0   %100     135   M218   X   -474   -474   0   %100     136   M218   Z   -274   -274   0   %100     137   M219   X   -1712   -7712   0   %100     138   M218   Z   -274   -274   0   %100     139   M220   X   -308   -308   0   %100     130   M217   X   -29   -29   0   %100     131   M216   X   -474   -474   0   %100     132   M218   X   -474   -474   0   %100     133   M217   X   -29   -29   0   %100     134   M217   Z   -168   -168   0   %100     135   M218   X   -474   -474   0   %100     136   M218   X   -474   -474   0   %100     137   M219   X   -712   -7712   0   %100     138   M219   Z   -411   -411   0   %100     139   M220   X   -035   -035   0   %100     141   M221   X   -712   -7712   0   %100     142   M222   X   -035   -035   0   %100     143   M222   X   -035   -035   0   %100     144   M224   X   -742   -422   0   %100     158   M229   Z   -241   -422   0   %100     159   M220   X   -368   -368   0   %100     150   M225   X   -342   -442   0   %100     151   M226   X   -342   -342   0   %100     152   M26   X   -342   -342   0   %100     153   M224   X   -342   -342   0   %100     154   M224   X   -368   -36		Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft,
117   M205   X						_	
118					1 <u>68</u>		
119			X				
120							
121							
122   M209   Z							
123			X				
124							
125   M211							
126							
127							
128				242	242		
129			X				
130						0	
131	129	MP1C		533	<u>533</u>	0	%100
132	130	MP1C	Z	308	308	0	%100
132		M216	X	-7.6e-5	-7.6e-5	0	%100
133         M217         X        29         0         %100           134         M217         Z        168        168         0         %100           135         M218         X        474        474         0         %100           136         M218         Z        274        274         0         %100           137         M219         X        712        712         0         %100           138         M219         Z        411        411         0         %100           140         M220         X        035        035         0         %100           140         M220         Z        02         .0         %100           141         M221         X        712        712         0         %100           141         M221         X        712        712         0         %100           142         M221         X        712        712         0         %100           144         M222         X        035        035         0         %100           144         M222         X			Z	-4.4e-5	-4.4e-5		
134         M217         Z        168        168         0         %100           135         M218         X        474        474         0         %100           136         M218         Z        274        274         0         %100           137         M219         X        712        712         0         %100           138         M219         X        712        712         0         %100           139         M220         X        035        035         0         %100           140         M220         Z        02        02         0         %100           141         M221         X        712        712         0         %100           142         M221         Z        411        411         0         %100           143         M222         X        035        035         0         %100           144         M221         Z        02        02         0         %100           144         M2221         X        035        035         0         %100           144							
135         M218         X        474        474         0         %100           136         M218         Z        274        274         0         %100           137         M219         X        712        712         0         %100           138         M219         Z        411        411         0         %100           139         M220         X        035        035         0         %100           140         M220         Z        02         0         %100           141         M221         X        712        712         0         %100           141         M221         X        712        712         0         %100           144         M221         X        712        712         0         %100           144         M222         X        035        035         0         %100           144         M222         X        036        022         0         %100           144         M223         X        362        362         0         %100           144         M223						0	
136							
137         M219         X        712        712         0         %100           138         M219         Z        411        411         0         %100           140         M220         X        035        02         0         %100           140         M220         Z        02        02         0         %100           141         M221         X        712        712         0         %100           142         M221         Z        411        411         0         %100           143         M222         X        035        035         0         %100           144         M222         X        035        035         0         %100           144         M222         X        036        035         0         %100           144         M223         X        362        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088         0         0         %100           148							
138         M219         Z        411        411         0         %100           139         M220         X        035        035         0         %100           140         M220         Z        02         0         %100           141         M221         X        712        712         0         %100           142         M221         Z        411        411         0         %6100           143         M222         X        035        035         0         %100           144         M222         Z        02        02         0         %100           145         M223         X        362        362         0         %100           145         M223         X        362        362         0         %100           147         M224         X        088        088         0         %100           147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           150         M225	137			712	712		
139			Z				
140         M220         Z        02        02         0         %100           141         M221         X        712        712         0         %100           142         M221         Z        411        4111         0         %100           143         M222         X        035        035         0         %100           144         M222         Z        02        02         0         %100           144         M223         X        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           147         M224         X        088        088         0         %100           149         M225         X        42        42         0         %100           150         M225         X        42        242         0         %100           151         M226         X        42        42         0         %100           152         M226							
141         M221         X        712        712         0         %100           142         M221         Z        411        411         0         %100           143         M222         X        035        035         0         %100           144         M222         Z        02        02         0         %100           145         M223         X        362        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           148         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M226         X        42        42         0         %100           151         M226         X        242        242         0         %100           153							
142         M221         Z         -411        411         0         %100           143         M222         X        035        035         0         %100           144         M222         Z        02        02         0         %100           145         M223         X        362        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M225         Z        242        242         0         %100           151         M226         X        42        42         0         %100           152         M226         X        42        242         0         %100           153         M227         X        42        242         0         %100           154							
143         M222         X        035        035         0         %100           144         M222         Z        02        02         0         %100           145         M223         X        362        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           148         M225         X        42        42         0         %100           150         M225         X        42        42         0         %100           151         M226         X        42        42         0         %100           151         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155			7				
144         M222         Z        02        02         0         %100           145         M223         X        362        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M225         Z        242        242         0         %100           151         M226         X        42        242         0         %100           151         M226         X        42        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156							
145         M223         X        362        362         0         %100           146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M225         Z        242        242         0         %100           151         M226         X        42        242         0         %100           151         M226         X        42        242         0         %100           152         M226         Z        242        242         0         %100           153         M227         X        42        242         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156							
146         M223         Z        209        209         0         %100           147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M225         Z        242        242         0         %100           151         M226         X        42        42         0         %100           151         M226         X        42        42         0         %100           152         M226         Z        242        42         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           155         M228         X        42        242         0         %100           157 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
147         M224         X        088        088         0         %100           148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M226         Z        242        242         0         %100           151         M226         X        42        42         0         %100           152         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        42         0         %100           155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        242         0         %100           158 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
148         M224         Z        051        051         0         %100           149         M225         X        42        42         0         %100           150         M225         Z        242        242         0         %100           151         M226         X        42        42         0         %100           152         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        242         0         %100           155         M228         X        42        242         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        242         0         %100           158         M229         Z        242        242         0         %100           158							
149         M225         X        42        42        242         0         %100           150         M225         Z        242        242         0         %100           151         M226         X        42        42         0         %100           152         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        242         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        242         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100			7				
150         M225         Z        242        242         0         %100           151         M226         X        42        42         0         %100           152         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        42         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161							
151         M226         X        42        42         0         %100           152         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        242         0         %100           157         M229         X        42        242         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           163							
152         M226         Z        242        242         0         %100           153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        242         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164					242		
153         M227         X        42        42         0         %100           154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        42         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165			X	42	42		
154         M227         Z        242        242         0         %100           155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        42         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165							
155         M228         X        42        42         0         %100           156         M228         Z        242        242         0         %100           157         M229         X        42        42         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           168							
156         M228         Z        242        242         0         %100           157         M229         X        42        42         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           167         M123A         X        018        018         0         %100           169 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
157         M229         X        42        42         0         %100           158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           167         M123A         X        018        018         0         %100           169         M124A         X        289        289        289         0         %100			X				
158         M229         Z        242        242         0         %100           159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           167         M123A         X        018        018         0         %100           169         M124A         X        289        289         0         %100           170         M124A         Z        167        167         0         %100							
159         MP2C         X        533        533         0         %100           160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           167         M123A         X        018        018         0         %100           169         M124A         X        289        289         0         %100           170         M124A         Z        167        167         0         %100			X				
160         MP2C         Z        308        308         0         %100           161         MP3C         X        533        533         0         %100           162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           167         M123A         X        018        018         0         %100           168         M123A         Z        011        011         0         %100           169         M124A         X        289        289         0         %100           170         M124A         Z        167        167         0         %100							
161       MP3C       X      533      533       0       %100         162       MP3C       Z      308      308       0       %100         163       M121       X      289      289       0       %100         164       M121       Z      167      167       0       %100         165       M122A       X      487      487       0       %100         166       M122A       Z      281      281       0       %100         167       M123A       X      018      018       0       %100         168       M123A       Z      011      011       0       %100         169       M124A       X      289      289       0       %100         170       M124A       Z      167      167       0       %100							
162         MP3C         Z        308        308         0         %100           163         M121         X        289        289         0         %100           164         M121         Z        167        167         0         %100           165         M122A         X        487        487         0         %100           166         M122A         Z        281        281         0         %100           167         M123A         X        018        018         0         %100           168         M123A         Z        011        011         0         %100           169         M124A         X        289        289         0         %100           170         M124A         Z        167        167         0         %100							
163       M121       X      289      289       0       %100         164       M121       Z      167      167       0       %100         165       M122A       X      487      487       0       %100         166       M122A       Z      281       0       %100         167       M123A       X      018      018       0       %100         168       M123A       Z      011      011       0       %100         169       M124A       X      289      289       0       %100         170       M124A       Z      167      167       0       %100			X				
164       M121       Z      167      167       0       %100         165       M122A       X      487      487       0       %100         166       M122A       Z      281      281       0       %100         167       M123A       X      018      018       0       %100         168       M123A       Z      011      011       0       %100         169       M124A       X      289      289       0       %100         170       M124A       Z      167      167       0       %100							
165       M122A       X      487      487       0       %100         166       M122A       Z      281      281       0       %100         167       M123A       X      018      018       0       %100         168       M123A       Z      011      011       0       %100         169       M124A       X      289      289       0       %100         170       M124A       Z      167      167       0       %100			X				
166     M122A     Z    281    281     0     %100       167     M123A     X    018    018     0     %100       168     M123A     Z    011    011     0     %100       169     M124A     X    289    289     0     %100       170     M124A     Z    167    167     0     %100							
166     M122A     Z    281    281     0     %100       167     M123A     X    018    018     0     %100       168     M123A     Z    011    011     0     %100       169     M124A     X    289    289     0     %100       170     M124A     Z    167    167     0     %100							
167     M123A     X    018    018     0     %100       168     M123A     Z    011    011     0     %100       169     M124A     X    289    289     0     %100       170     M124A     Z    167    167     0     %100			Z				%100
168     M123A     Z    011    011     0     %100       169     M124A     X    289    289     0     %100       170     M124A     Z    167    167     0     %100	167		X		018		%100
169         M124A         X        289        289         0         %100           170         M124A         Z        167        167         0         %100			Z				
170 M124A Z167167 0 %100							
	171	M125A	X	487	487	0	%100

: Maser Consulting

: Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:41 PM Checked By:\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
172	M125A	Z	281	281	0	%100
173	M126A	X	018	018	0	%100
174	M126A	Z	011	011	0	%100
175	OVP1	X	533	533	0	%100
176	OVP1	Z	308	308	0	%100
177	OVP2	Х	533	533	0	%100
178	OVP2	Z	308	308	0	%100
179	M133	Х	182	182	0	%100
180	M133	Z	105	105	0	%100
181	M137	Х	427	427	0	%100
182	M137	Z	246	246	0	%100
183	M141	Х	427	427	0	%100
184	M141	Z	246	246	0	%100
185	M148	Х	593	593	0	%100
186	M148	Z	342	342	0	%100
187	M149	X	262	262	0	%100
188	M149	Z	151	151	0	%100
189	M150	Х	106	106	0	%100
190	M150	Z	061	061	0	%100
191	M151	Х	063	063	0	%100
192	M151	Z	036	036	0	%100
193	M152	Х	45	45	0	%100
194	M152	Z	26	26	0	%100
195	M153	X	289	289	0	%100
196	M153	Z	167	167	0	%100
197	M151A	X	182	182	0	%100
198	M151A	Z	105	105	0	%100
199	M152A	Х	171	171	0	%100
200	M152A	Z	099	099	0	%100
201	M153A	Х	326	326	0	%100
202	M153A	Z	188	188	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
1	M109	X	28	28	0	%100 <sup>-</sup>
2	M109	Z	484	484	0	%100
3	M110	X	28	28	0	%100
4	M110	Z	484	484	0	%100
5	M116	X	248	248	0	%100
6	M116	Z	43	43	0	%100
7	M117	X	214	214	0	%100
8	M117	Z	371	371	0	%100
9	M118	X	007	007	0	%100
10	M118	Z	013	013	0	%100
11	M124	X	301	301	0	%100
12	M124	Z	522	522	0	%100
13	M125	X	148	148	0	%100
14	M125	Z	257	257	0	%100
15	M126	X	148	148	0	%100
16	M126	Z	257	257	0	%100
17	M127	X	242	242	0	%100
18	M127	Z	42	42	0	%100
19	M128	X	242	242	0	%100
20	M128	Z	42	42	0	%100
21	MP1A	X	308	308	0	%100
22	MP1A	Z	533	533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	_	End Location[ft,
23	M18	X	248	248	0	%100
24	M18	Z	43	43	0	%100
25	M19	X	214	214	0	%100
26	M19	Z	371	371	0	%100
27	M20	X	007	007	0	%100
28	M20	Z	013	013	0	%100
29	M21	X	485	485	0	%100
30	M21	Z	84	84	0	%100
31	M22	X	024	024	0	%100
32	M22	Z	042	042	0	%100
33	M21A	X	485	485	0	%100
34	M21A	Z	84	84	0	%100
35	M23	X	024	024	0	%100
36	M23	Z	042	042	0	%100
37	M23A	X	209	209	0	%100
38	M23A	Z	362	362	0	%100
39	M24	X Z	053	053	0	%100
40	M24		091	091	0	%100 %100
41	M25	X	242	242	0	%100
42	M25	Z	42	42	0	%100 %100
43	M26	X	242	242	0	%100
44	M26	Z	42	42	0	%100
45	M27	X Z	242	242	0	%100
46	M27		42	42	0	%100
47	M28	X	242	242	0	%100
48	M28	Z	42	42	0	%100
49	M29	X Z	242	242	0	%100
50	M29		42	42	0	%100 %100
51	MP2A	X Z	308	308	0	%100
52	MP2A		533	533	0	%100 %100
53	MP3A MP3A	X Z	308	308	0	%100 %100
54 55	M161	X	<u>533</u> 362	<u>533</u> 362	0	%100 %100
56	M161	Z	626	626	0	%100 %100
57	M162	X	362	362	0	%100 %100
58	M162	Z	626	626	0	%100 %100
59	M163	X	020 163	163	0	%100 %100
60	M163	Z	282	282	0	%100 %100
61	M164	X	202 277	202 277	0	%100 %100
62	M164	Z	48	211 48	0	%100 %100
63	M165	X	068	068	0	%100 %100
64	M165	Z	118	118	0	%100 %100
65	M168	X	301	301	0	%100 %100
66	M168	Z	522	522	0	%100 %100
67	M169	X	003	003	0	%100 %100
68	M169	Z	005	005	0	%100 %100
69	M170	X	003	003	0	%100 %100
70	M170	Z	005	005	0	%100 %100
71	M171	X	242	005 242	0	%100 %100
72	M171	Z	42	42	0	%100 %100
73	M172	X	242	<del>42</del> 242	0	%100 %100
74	M172	Z	42	42	0	%100 %100
75	MP1B	X	308	308	0	%100 %100
76	MP1B	Z	533	533	0	%100 %100
77	M176	X	163	163	0	%100 %100
78	M176	Z	282	282	0	%100 %100
79	M177	X	277	277	0	%100 %100
13	IVI I / /		411	411		/0100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
80	M177	Z	48	48	0	%100
81	M178	X	068	068	0	%100
82	M178	Z	118	118	0	%100
83	M179	X	068	068	0	%100
84	M179	Z	118	118	0	%100
85	M180	Χ	000511	000511	0	%100
86	M180	Z	000886	000886	0	%100
87	M181	X	068	068	0	%100
88	M181	Z	118	118	0	%100
89	M182	X	000511	000511	0	%100
90	M182	Z	000886	000886	0	%100
91	M183	X	209	209	0	%100
92	M183	Z	362	362	0	%100
93	M184	X	041	041	0	%100
94	M184	Z	071	071	0	%100
95	M185	X	242	242	0	%100
96	M185	Z	42	42	0	%100
97	M186	X Z	242	242	0	%100 %100
98	M186	X	42	42 242	0	%100 %100
99	M187 M187	Z	242 42	242 42	0	
101				42 242		%100 %100
101	M188 M188	X Z	242 42	242 42	0	%100 %100
103	M189	X	42	42 242	0	%100 %100
103	M189	Z	42	242 42	0	%100 %100
105	MP2B	X	308	308	0	%100 %100
106	MP2B	Z	533	533	0	%100 %100
107	MP3B	X	308	308	0	%100 %100
108	MP3B	Z	533	533	0	%100 %100
109	M201	X	044	044	0	%100 %100
110	M201	Z	076	076	0	%100 %100
111	M202	X	044	044	0	%100 %100
112	M202	Z	076	076	0	%100 %100
113	M203	X	074	074	0	%100 %100
114	M203	Z	128	128	0	%100 %100
115	M204	X	033	033	0	%100
116	M204	Z	058	058	0	%100
117	M205	X	253	253	0	%100
118	M205	Z	438	438	0	%100
119	M208	Х	301	301	0	%100
120	M208	Z	522	522	0	%100
121	M209	Х	262	262	0	%100
122	M209	Z	453	453	0	%100
123	M210	X	262	262	0	%100
124	M210	Z	453	453	0	%100
125	M211	X	242	242	0	%100
126	M211	Z	42	42	0	%100
127	M212	X	242	242	0	%100
128	M212	Z	42	42	0	%100
129	MP1C	X	308	308	0	%100
130	MP1C	Z	533	533	0	%100
131	M216	X	074	074	0	%100
132	M216	Z	128	128	0	%100
133	M217	X	033	033	0	%100
134	M217	Z	058	058	0	%100
135	M218	X	253	253	0	%100
136	M218	Z	438	438	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	.End Location[ft,
137	M219	X	809	809	0	%100
138	M219	Z	-1.401	-1.401	0	%100
139	M220	X	043	043	0	%100
140	M220	Z	074	074	0	%100
141	M221	X	809	809	0	%100
142	M221	Z	-1.401	-1.401	0	%100
143	M222	X	043	043	0	%100
144	M222	Z	074	074	0	%100
145	M223	X	209	209	0	%100
146	M223	Z	362	362	0	%100
147	M224	X	062	062	0	%100
148	M224	Z	107	107	0	%100
149	M225	X	242	242	0	%100
150	M225	Z	42	42	0	%100
151	M226	X	242	242	0	%100
152	M226	Z	42	42	0	%100
153	M227	X	242	242	0	%100
154	M227	Z	42	42	0	%100
155	M228	X	242	242	0	%100
156	M228	Z	42	42	0	%100
157	M229	X	242	242	0	%100
158	M229	Z	42	42	0	%100
159	MP2C	X	308	308	0	%100
160	MP2C	Z	533	533	0	%100
161	MP3C	X	308	308	0	%100
162	MP3C	Z	533	533	0	%100
163	M121	Х	027	027	0	%100
164	M121	Z	048	048	0	%100
165	M122A	X	293	293	0	%100
166	M122A	Z	507	507	0	%100
167	M123A	X	131	131	0	%100
168	M123A	Z	227	227	0	%100
169	M124A	X	027	027	0	%100
170	M124A	Z	048	048	0	%100
171	M125A	X	293	293	0	%100
172	M125A	Z	507	507	0	%100
173	M126A	X	131	131	0	%100
174	M126A	Z	227	227	0	%100
175	OVP1	X	308	308	0	%100
176	OVP1	Z	533	533	0	%100
177	OVP2	X	308	308	0	%100
178	OVP2	Z	533	533	0	%100
179	M133	X	315	315	0	%100
180	M133	Z	545	545	0	%100
181	M137	Χ	407	407	0	%100
182	M137	Z	705	705	0	%100
183	M141	X	049	049	0	%100
184	M141	Z	085	085	0	%100
185	M148	X	183	183	0	%100
186	M148	Z	318	318	0	%100
187	M149	X	323	323	0	%100
188	M149	Z	56	56	0	%100
189	M150	X	004	004	0	%100
190	M150	Z	007	007	0	%100
191	M151	X	181	181	0	%100
192	M151	Z	314	314	0	%100
193	M152	X	304	304	0	%100

Company : Maser Consulting
Designer :
Job Number : Project No. 10055829 Model Name

: 468220-VZW\_MT\_LO\_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft	End Location[ft,
194	M152	Z	526	526	0	%100
195	M153	X	028	028	0	%100
196	M153	Z	048	048	0	%100
197	M151A	X	22	22	0	%100
198	M151A	Z	38	38	0	%100
199	M152A	X	216	216	0	%100
200	M152A	Z	373	373	0	%100
201	M153A	X	065	065	0	%100
202	M153A	Z	113	113	0	%100

## Member Area Loads

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

**Envelope Joint Reactions** 

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N34A	max	-151.401	5	828.767	14	4654.436	23	0	43	.334	5	.018	13
2		min	-1160.266	14	289.009	5	919.593	5	005	13	197	11	003	43
3	N36	max	1510.386	20	1129.581	20	-330.187	2	.001	39	.259	5	.017	21
4		min	-16.047	2	290.858	2	-5700.764	20	005	21	253	11	004	39
5	N293A	max	1022.06	10	1018.937	16	1043.113	16	.031	13	.229	4	0	43
6		min	-5479.132	4	80.986	10	-158.813	10	0	43	256	10	005	13
7	N331	max	3788.016	13	1288.645	13	4973.942	13	0	43	.27	4	0	43
8		min	26.025	7	267.559	7	-15.02	7	013	13	367	10	017	13
9	N336	max	-431.798	1	933.856	19	-460.14	1	0	42	.364	5	001	42
10		min	-3234.67	19	292.68	1	-4156.502	19	013	24	153	11	018	24
11	N402	max	4728.745	22	734.036	22	-21.278	4	.029	13	.314	17	0	7
12		min	-94.857	4	147.253	4	-995.449	22	003	7	111	11	005	13
13	N214A	max	291.752	12	719.284	24	910.344	1	-1.06	5	1.052	1	112	30
14		min	-264.543	6	317.011	6	-1321.883	7	-2.28	23	-1.362	7	537	48
15	N215A	max	419.825	9	894.749	22	367.557	3	.763	13	1.968	5	2.873	22
16		min	-917.371	3	392.943	4	-207.085	9	.226	7	-2.248	11	1.385	4
17	N253C	max	848.738	11	770.801	20	767.051	12	1.975	19	2.323	4	636	3
18		min	-590.178	5	308.955	2	-445.845	6	.889	1	-2.486	10	-1.634	21
19	Totals:	max	6765.763	10	7998.141	19	8151.262	1						
20		min	-6765.785	4	3856.712	1	-8151.276	7						

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

	Memb	Shape	Code Check	Loc[ft]	LC	Shear	.Loc[	Dir	LC	phi*P	phi*Pnt [	.phi*Mn	.phi*Mn z	Cb Eqn
1	M182	PL3/8x7	.879	0	13	.050	.5	Z	13	72350	85050	.664	12.403	1.72 H1
2	M221	PL3/8x7	.878	.167	4	.478	0	У	10	79151	85050	.664	12.403	1.3H1
3	M180	PL3/8x7	.858	0	19	.049	.5	Z	22	72350	85050	.664	12.403	1.1H1
4	M181	PL3/8x7	.851	0	13	.548	0	У	10	79151	85050	.664	12.403	1.4H1
5	M179	PL3/8x7	.814	.333	19	.607	.333	У	5	79151	85050	.664	12.403	1.5H1
6	M23	PL3/8x7	.784	0	20	.042	.5	Z	21	72350	85050	.664	12.403	1.2H1
7	M21A	PL3/8x7	.756	0	20	.464	.167	У	5	79151	85050	.664	12.403	1.3H1
8	M223	PIPE 1.25	.753	0	16	.112	0		13		19687.5	.801	.801	2.2H1
9	M22	PL3/8x7	.751	0	14	.042	.5	Z	14	72350	85050	.664	12.403	1.0H1
10	M21	PL3/8x7	.709	.333	14	.564	.167	У	5	79151	85050	.664	12.403	1.41 H1
11	M222	PL3/8x7	.699	0	16	.064	.5	У	13	72350	85050	.664	12.403	1.4H1
12	M220	PL3/8x7	.685	0	22	.062	0	У	13	72350	85050	.664	12.403	1.1H1
13	M219	PL3/8x7	.646	.333	22	.565	.333	y	5	79151	85050	.664	12.403	1.43 H1

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

	Memb	. Shape	Code Check	Loc[ft]	LC	Shear	.Loc[	. Dir	LC	phi*P	phi*Pnt [	phi*Mn	. phi*Mn z	Cb Egn
14	OVP2	PIPE 2.0	.574	4.219	17	.153	1.042			23808	32130	1.872	1.872	1.6H1
15	M110	PIPE 2.5	.557	7.682	1	.179	4.818		1	14558	50715	3.596	3.596	2.7H1
16	M133	PIPE 3.0	.552	6.12	7	.217	5.99		20	28250	65205	5.749	5.749	1.8H1
17	M109	PIPE 2.5	.518	7.682	1	.123	4.818		1	14558	50715	3.596	3.596	2.2H1
18	OVP1	PIPE 2.0	.491	1.042	19	.118	4.219		13	23808	32130	1.872	1.872	1.66 H1
19	MP2C	PIPE 2.0	.481	1	16	.115	3.917		10	14916	32130	1.872	1.872	2.8H1
20	M210	PIPE 2.5	.471	0	22	.103	.556		13	46307	50715	3.596	3.596	2.1H1
21	M208	PIPE 2.5	.449	3.354	21	.210	3.354		10	45877	50715	3.596	3.596	2.09 H1
22	M209	PIPE_2.5	.447	0	16	.102	.556		18	46307	50715	3.596	3.596	2.1H1
23	M150	HSS3X3X4	.443	4.724	10	.053	4.724	У	21	84828	101016	8.556	8.556	2.1H1
24	M228	PIPE 2.0	.439	1.333	10	.142	1.333		10	30993	32130	1.872	1.872	2.3H1
25	M183	PIPE 1.25	.434	0	13	.094	0		13	17606	19687.5	.801	.801	2.2H1
26	M149	HSS3X3X4	.433	4.688	23	.068	4.688	У	13	85056	101016	8.556	8.556	2.1H1
27	M170	PIPE 2.5	.428	0	18	.129	.556		_	46307	50715	3.596	3.596	1.9H1
28	M168	PIPE_2.5	.410	3.354	18	.176	.146		_	45877	50715	3.596	3.596	1.8H1
29	M169	PIPE 2.5	.402	0	24	.135	.556		13	46307	50715	3.596	3.596	2.0H1
30	MP1B	PIPE_2.0	.398	2.417	1	.171	.917		12	14916	32130	1.872	1.872	1.5H1
31	MP1C	PIPE 2.0	.398	2.417	4	.163	.917		2	14916	32130	1.872	1.872	1.7H1
32	MP2A	PIPE_2.0	.395	1	20	.080	1		7	14916	32130	1.872	1.872	1.4H1
33	MP3A	PIPE 2.0	.392	2.417	8	.154	3.917		8	14916	32130	1.872	1.872	1.4H1
34	MP2B	PIPE_2.0	.389	1	22	.080	3.917		2	14916	32130	1.872	1.872	3.1H1
35	M151	PIPE 2.0	.379	0	24	.071	0			22322	32130	1.872	1.872	2.2H1
36	M141	PIPE_3.0	.368	6.25	3	.275	6.25		13	28250	65205	5.749	5.749	1.79 H1
37	M26	PIPE 2.0	.367	1.333	7_	.135	1.333		7	30993	32130	1.872	1.872	1.7H1
38	M23A	PIPE_1.25	.367	0	19	.071	3.25			17606		.801	.801	2.2H1
39	M126	PIPE 2.5	.358	0	14	.117	.556			46307	50715	3.596	3.596	1.9H1
40	M137	PIPE_3.0	.356	6.51	11	.219	6.51			28250	65205	5.749	5.749	1.7H1
41	M125	PIPE 2.5	.349	0	19	.120	.556				50715	3.596	3.596	1.99 H1
42	M124	PIPE_2.5	.348	3.354	13	.229	.146		•	45877	50715	3.596	3.596	2.3H1
43	M148	HSS3X3X4	.341	4.72	19	.073	4.72	У		84854	101016	8.556	8.556	2.1H1
44	MP3B	PIPE_2.0	.323	2.417	11	.093	3.917		11	14916	32130	1.872	1.872	3.5H1
45	M201	PIPE 2.5	.314	4.818	10	.127	7.682		4	14558	50715	3.596	3.596	2.9H1
46	M162	PIPE_2.5	.311	4.818	_1_	.120	7.682		1	14558	50715	3.596	3.596	2.4H1
47	M202	PIPE 2.5	.303	4.818	<u>10</u>	.122	8.464		1	14558	50715	3.596	3.596	2.8H1
48	M161	PIPE 2.5	.299	4.818	<u>7</u>	.128	7.682		1	14558	50715	3.596	3.596	2.0H1
49	M118	HSS3X3X3	.294	0	7	.098	0	Z	7	77433	78246	6.796	6.796	2.2H1
50	M188	PIPE_2.0	.284	1.333	6	.106	0		7	30993	32130	1.872	1.872	1.7H1
51	M152	PIPE 2.0	.278	0	28	.091	0		13	23117	32130	1.872	1.872	2.2H1
52	M27	PIPE_2.0	.266	0	44	.097	0		7	30993	32130	1.872	1.872	2.2H1
53	M189	PIPE 2.0	.260	0	20	.089	0			30993	32130	1.872	1.872	2.2H1
	MP1A		.255	1	23		.917				32130	1.872	1.872	1.7H1
55	M29	PIPE 2.0	.252	0	30	.055	0	_		30993	02.00	1.872	1.872	2.2H1
56	M20	HSS3X3X3	.250	4 193	1	.080	0	Z	_	77433		6.796	6.796	1.5H1
57	M122A MP3C	PIPE 2.0	.248	4.183	5 13		8.366 3.917			13883 14916		1.872	1.872	1.1H1 2.3H1
58	M123A	PIPE 2.0	.246	4.174					_			1.872	1.872	1.1H1
59		PIPE 2.0	.233		3	.034	1 104	_		13442		1.872	1.872	
60	M116		.224	1.184	1	.084	1.184	Z		77433 30993		6.796	6.796	2.1H1 2.2H1
61	M229 M153	PIPE 2.0	.202	0	14 o	.085	0			8058		1.872	1.872	2.52 H1
62	M121	PIPE 2.0	.201	8.805	8 24	.028	0			12682	32130	1.872	1.872	1.1H1
63	M153A	PIPE 2.0 PIPE 1.5	.199			.034	0				32130 23593.5	1.872	1.872	1.1H1
64			.190	2.667	10 13	.060	0			30993			1.105 1.872	2.2H1
65	M187	PIPE 2.0	.178	1.184		.071	1.184	-	_	77433		1.872 6.796		1.8H1
66	M18 M216	HSS3X3X3 HSS3X3X3	. <u>175</u> .172	1.184	<u>1</u> 10	.067	1.184			77433		6.796	6.796 6.796	2.1H1
67	M227		.172	2.667	17	.068	0	Z		30993		1.872	1.872	2.2H1
68		PIPE 2.0		1.184	<u>17</u>		1.184	-	_	77433				2.1H1
69	M176		.166						_			6.796	6.796	
_ 70	M203	HSS3X3X3	.160	1.184	10	.062	1.184	Z	ΙŪ	11433	78246	6.796	6.796	2.2H1

: Maser Consulting

: Project No. 10055829 : 468220-VZW\_MT\_LO\_H Apr 22, 2021 4:41 PM Checked By:\_

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

	Memb	Shape	Code Check	Loc[ft]	LC	Shear	.Loc[	. Dir	LC	phi*P	phi*Pnt [	phi*Mn	phi*Mn z	. Cb Eqn
71	M163	HSS3X3X3	.159	1.184	7	.056	1.184	Z	7	77433	78246	6.796	6.796	2.2H1
72	M165	HSS3X3X3	.155	0	11	.061	1.184	Z	11	77433	78246	6.796	6.796	2.1H1
73	M127	PIPE 2.0	.152	2.667	37	.061	2.667		1	29504	32130	1.872	1.872	2.2H1
74	M204	HSS3X3X3	.141	.667	3	.062	.667	У	4	77217	78246	6.796	6.796	1.5H1
75	M151A	PIPE 1.5	.140	6.327	1	.071	0		7	11099	23593.5	1.105	1.105	1.1H1
76	M172	PIPE 2.0	.139	2.667	13	.056	0		1	29504	32130	1.872	1.872	2.2H1
77	M205	HSS3X3X3	.136	0	2	.056	1.184	Z	7	77433	78246	6.796	6.796	1.7H1
78	M164	HSS3X3X3	.127	.667	12	.065	.667	V	1	77217	78246	6.796	6.796	1.4H1
79	M177	HSS3X3X3	.126	.667	18	.053	.667	y	6	77217	78246	6.796	6.796	1.2H1
80	M171	PIPE_2.0	.125	2.667	19	.053	2.667		7	29504	32130	1.872	1.872	2.2H1
81	M19	HSS3X3X3	.125	.667	1	.079	.667	У	2	77217	78246	6.796	6.796	1.4H1
82	M152A	PIPE 1.5	.124	6.33	6	.059	0		8	11089	23593.5	1.105	1.105	1.1H1
83	M178	HSS3X3X3	.124	0	1	.051	1.184	У	13	77433	78246	6.796	6.796	2.2H1
84	M128	PIPE_2.0	.124	0	7	.058	0		7	29504	32130	1.872	1.872	2.2H1
85	M211	PIPE 2.0	.116	2.667	22	.063	2.667		10	29504	32130	1.872	1.872	2.2H1
86	M217	HSS3X3X3	.115	.667	9	.054	.667	У	10	77217	78246	6.796	6.796	1.5H1
87	M212	PIPE 2.0	.115	0	4	.056	0		4	29504	32130	1.872	1.872	2.21 H1
88	M117	HSS3X3X3	.113	.667	7	.059	.667	Z	1	77217	78246	6.796	6.796	1.3H1
89	M218	HSS3X3X3	.107	0	10	.043	1.184	У	4	77433	78246	6.796	6.796	1.28 H1
90	M28	PIPE_2.0	.102	0	30	.030	0		2	30993	32130	1.872	1.872	2.2H1
91	M125A	PIPE 2.0	.081	4.183	11	.028	8.366		13	13883	32130	1.872	1.872	1.1H1
92	M126A	PIPE_2.0	.080	4.263	8	.034	0		13	13442	32130	1.872	1.872	1.1H1
93	M124A	PIPE 2.0	.011	4.403	15	.034	0		13	12682	32130	1.872	1.872	1.1H1
94	M186	PIPE_2.0	.073	0	4	.035	2.667		1	30993	32130	1.872	1.872	2.1H1
95	M185	PIPE 2.0	.073	2.667	7	.048	0		7	30993	32130	1.872	1.872	2.2H1
96	M226	PIPE_2.0	.068	0	19	.031	2.667		4	30993	32130	1.872	1.872	2.2H1
97	M25	PIPE 2.0	.066	0	8	.052	0		1	30993	32130	1.872	1.872	2.3H1
98	M225	PIPE_2.0	.065	2.667	10	.054	0		10	30993	32130	1.872	1.872	3.1H1
99	M24	SR $\overline{0}.5$	.000	0	51	.000	0		51	571.3	6350.4	.052	.052	1 H1
100	M184	SR_0.5	.000	0	51	.000	0		51	571.3	6350.4	.052	.052	1 H1
101	M224	SR 0.5	.000	0	51	.000	0		51	571.3	6350.4	.052	.052	1 H1



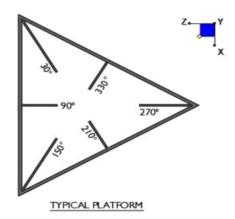
Client:	Verizon Wireless	Date:	4/22/2021
Site Name:	LEDYARD NORTH CT - A		
Project No.	21777102A		
Title:	Antenna Mount Analysis	Page:	1
TILIO.	Antenna Would Analysis	i age.	

Version 3.1

## I. Mount-to-Tower Connection Check - Proposed Standoff

RISA Model Data

THOST WOODER BUILD	
Nodes (labeled per RISA)	Orientation (per graphic of typical platform)



#### **Tower Connection Bolt Checks**

Any moment resistance?:

**Bolt Quantity per Reaction:** 

d<sub>x</sub> (in) (Delta X of typ. bolt config. sketch)

d<sub>v</sub> (in) (Delta Y of typ. bolt config. sketch)

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

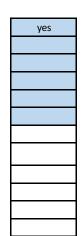
Required Shear Strength (kips):

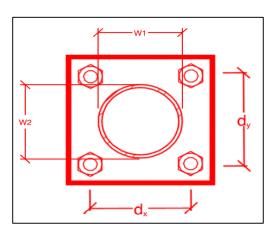
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:





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

## Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t<sub>Plate</sub> (in)

Weld Size (1/16 in):

Phi\*Rn (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect

## Max Plate Bending Strengths

Mu<sub>xx</sub> (kip-in)

Phi\*Mn<sub>xx</sub> (kip-in)

Mu<sub>yy</sub> (kip-in)

Phi\*Mn<sub>yy</sub> (kip-in)



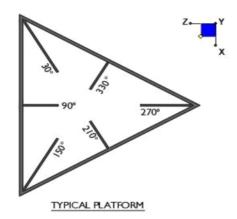
Client:	Verizon Wireless	Date:	4/22/2021
Site Name:	LEDYARD NORTH CT - A		
Project No.	21777102A		
Title:	Antenna Mount Analysis	Page:	1
1100.	7 thorna mount 7 tharyon	i ago.	

Version 3.1

## I. Mount-to-Tower Connection Check

RISA Model Data

MS/TWOGET Butu	
Nodes (labeled per RISA)	Orientation (per graphic of typical platform)



## **Tower Connection Bolt Checks**

Any moment resistance?:

**Bolt Quantity per Reaction:** 

 $d_x$  (in) (Delta X of typ. bolt config. sketch)

 $d_y$  (in) (Delta Y of typ. bolt config. sketch)

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

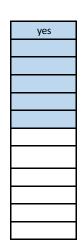
Required Shear Strength (kips):

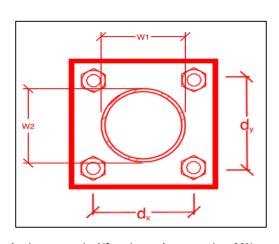
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:





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

# **Mount Desktop** Post Modification Inspection (PMI) Report Requirements

## **Documents & Photos Required from Contractor Mount Modification**

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

Contractor is responsible for making certain the photos provided as noted below provide confirmation that the modification was completed in accordance with the modification drawings.

Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

#### **Base Requirements:**

Any special photos outside of the standard requirements will be indicated on the drawings Provide "as built drawings" showing contractor's name, preparer's signature, and date. Any deviations from the drawings (proposed modification) must be shown.

Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.

Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting 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 <a href="https://pmi.vzwsmart.com">https://pmi.vzwsmart.com</a> 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
- o "During Installation Photos if provided must be placed only in this folder

#### Photos taken at ground level

- Overall tower structure before and after installation of the modifications
- Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

#### Photos taken at Mount Elevation

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

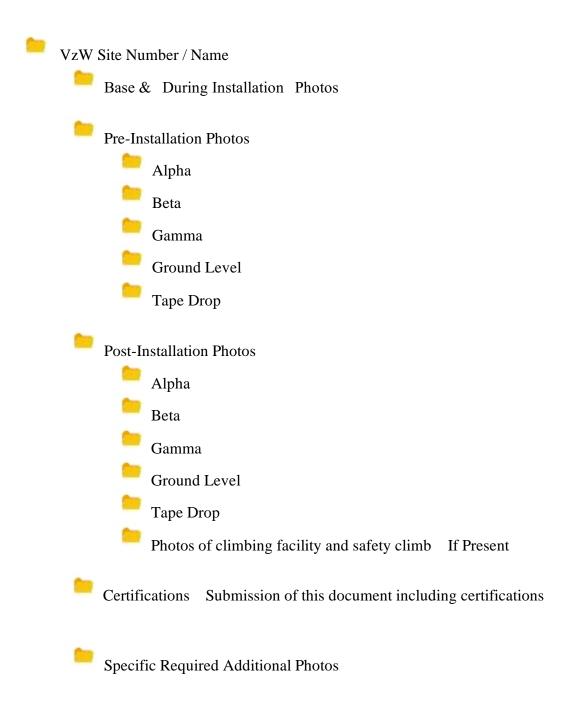
#### **Material Certification:**

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

Line Material utilized was as specified on the Maser Consulting Connecticut Mount
Modification Drawings and included in the Material certification folder is a packing list or
invoice for these materials
☐The material utilized was an "equivalent" and included as part of the contractor submission is
the Maser Consulting Connecticut certification, invoices, or specifications validating accepted
status

	Certifying Individual:	Company
		Name
		Signature
Anten	na & equipment plac	ement and Geometry Confirmation:
•		ertify that the antenna & equipment placement and geometry is in ntenna placement diagrams as included in this mount analysis.
		es that the photos support and the equipment on the mount is as depicted of the diagrams as included in this mount analysis.
		hat the equipment on the mount is not in accordance with the antenna nd has accordingly marked up the diagrams or provided a diagram ses.
Certify	ving Individual:	Company
		Name
		Signature
Specia Issue: Respo		ntion as required from the MA or Mod Drawings:

# **Schedule A Photo & Document File Structure**



Α 4/22/2021 Sector:

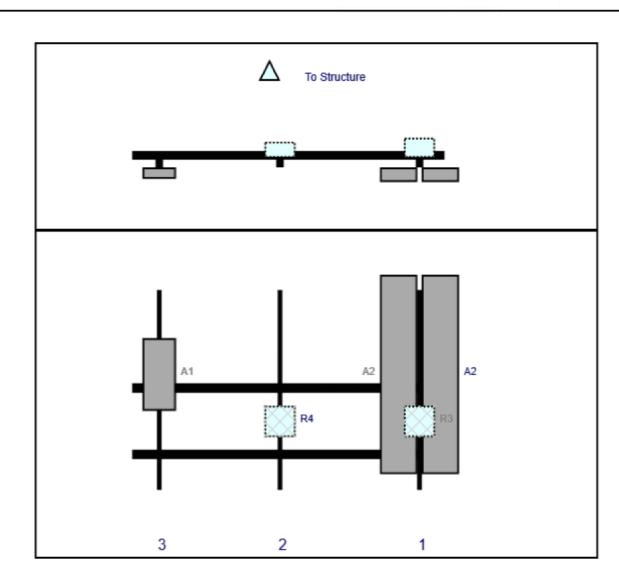
Structure Type: Monopole

Mount Elev: 124.30 Page: 1





Front View Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	SBNHH-1D45C	95.9	18	138	1	a	Front	40.5	10	Retained	02/09/2021
A2	SBNHH-1D45C	95.9	18	138	1	b	Front	40.5	-10	Retained	02/09/2021
R3	B2/B66A RRH-BR049	15	15	138	1	a	Behind	63	0	Added	
R4	B5/B13 RRH-BR04C	15	15	71	2	a	Behind	63	0	Added	
A1	VZS01	35.1	16.1	13	3	a	Front	40.5	0	Added	

В 4/22/2021 Sector:

Structure Type: Monopole

Mount Elev: 124.30

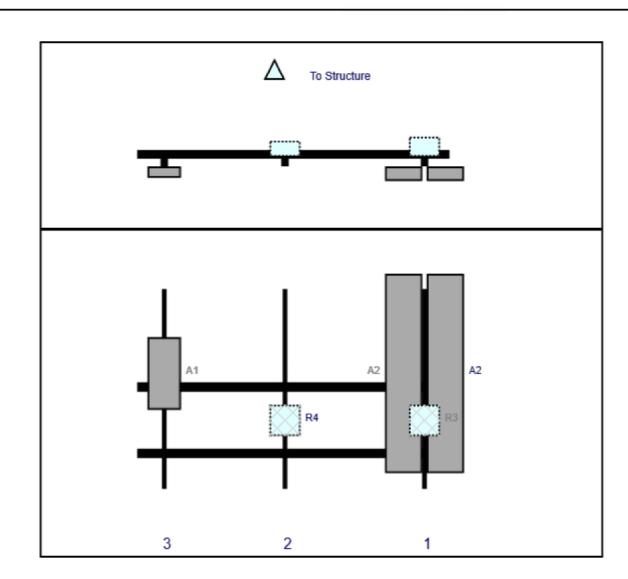


Page: 2



Front View Looking at Structure





		Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Ref#	Model	(in)	(in)	Frm L.	#	Pos V	Pos	Frm T.	H Off	Status	Validation
A2	SBNHH-1D45C	95.9	18	138	1	a	Front	40.5	10	Retained	02/09/2021
A2	SBNHH-1D45C	95.9	18	138	1	b	Front	40.5	-10	Retained	02/09/2021
R3	B2/B66A RRH-BR049	15	15	138	1	a	Behind	63	0	Added	
R4	B5/B13 RRH-BR04C	15	15	71	2	a	Behind	63	0	Added	
A1	VZS01	35.1	16.1	13	3	a	Front	40.5	0	Added	

Sector: С 4/22/2021

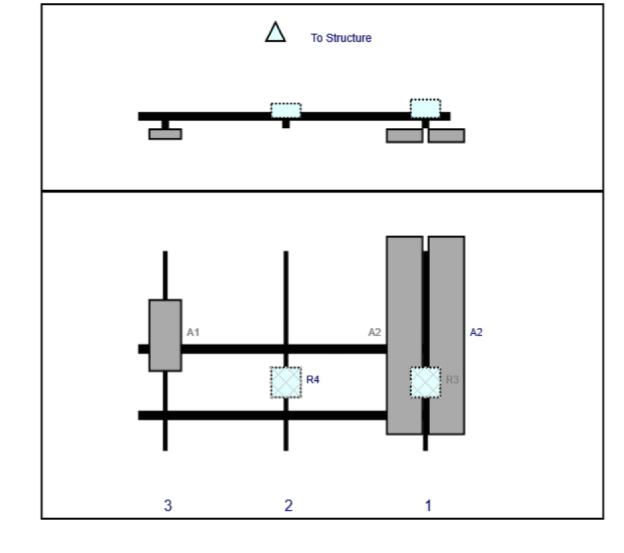
Structure Type: Monopole

Mount Elev: 124.30



Page: 3





Front View Looking at Structure

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	SBNHH-1D45C	95.9	18	138	1	a	Front	40.5	10	Retained	02/09/2021
A2	SBNHH-1D45C	95.9	18	138	1	b	Front	40.5	-10	Retained	02/09/2021
R3	B2/B66A RRH-BR049	15	15	138	1	a	Behind	63	0	Added	
R4	B5/B13 RRH-BR04C	15	15	71	2	a	Behind	63	0	Added	
A1	VZS01	35.1	16.1	13	3	a	Front	40.5	0	Added	



# **Maser Consulting Connecticut**

**Subject** TIA-222-H-Usage

<u>Site Information</u> Site ID: 468220-VZW / LEDYARD NORTH CT - A

Site Name: LEDYARD NORTH CT - A

Carrier Name: Verizon Wireless Address: 12 Orchard Drive

Ledyard, Connecticut 06335

New London County

Latitude: 41.46827777° Longitude: -72.05447222°

<u>Structure Information</u> Tower Type: 150-Ft Monopole

Mount Type: 12.50-Ft Combined Sector Frame

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 maps by ASCE 7 based on updated studies of the wind data.

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

Sincerely,

Alec S. Norris, P.E. Senior Project Manager



2000 Midlantic Drive - Suite 100, Mt. Laurel, New Jersey 08054 Phone: (856) 797-0412