NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

November 15, 2021

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

RE: Exempt Modification Application
44 Ffyler Place, Suffield, CT 06078
Latitude: 41.980472
Longitude: -72.657394
Site #: 801486_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 44 Ffyler Place, Suffield, CT 06078. Verizon Wireless currently maintains twelve (12) antennas at the 90-foot level of the existing 109-foot tower. The property is owned by the Town of Suffield and the tower is owned by Crown Castle. Verizon now intends to replace three (3) antennas. The new antennas would be installed at the 90-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable.

Verizon Planned Modifications:

Remove:
(1) SWEDCOM Antennas
(2) ANTEL Antennas

Remove and Replace:
(3) SWEDCOM Antennas (REMOVE) – (3) MT6407-77A Antennas (REPLACE)
(3) Nokia B66 RRH (REMOVE) - (3) Samsung RF4439D-25A (REPLACE)
(3) Nokia B13 RRH (REMOVE) - (3) Samsung RF4440D-13A (REPLACE)

Install New: None

Existing to Remain:
(6) ANDREW / COMMSCOPE Antennas
(2) Raycap OVP
(12) 1-1/4" Coax
(2) Hybrid Lines

The facility was approved by the Town of Suffield Planning & Zoning Commission on May 1, 2000. Please see attached.

NORTHEAST SITE SOLUTIONS

Turnkey Wireless Development

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Melissa Mack, First Selectwoman, and Bill Hawkins, Director of Planning & Development for the Town of Suffield. A copy is also being sent to the tower owner and property owner.

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

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

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

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

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

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

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

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

Sincerely,

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

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments

Cc: Melissa Mack - First Selectwoman & Property Owner
Town of Suffield
83 Mountain Road, Suffield, CT 06078

Bill Hawkins - Director of Planning & Development
Town of Suffield
83 Mountain Road, Suffield, CT 06078

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

Suffield Conservation Commission

83 Mountain Road • Suffield, Connecticut 06078
(860) 668-3847

March 30, 2000

Elaine Sarsynski
Suffield Economic Development Commission
83 Mountain Road
Suffield, CT 06078

RE: PERMIT # 1264
Communications Towers
Phelps Road, Ffyler Place, & Ucar Street

Dear Elaine:

The Suffield Conservation Commission (SCC), at their March 28, 2000 meeting, approved the Town's application for the construction of three communications towers. The properties are located on Phelps Road, Ffyler Place, and Ucar Street, Assessor's Map Numbers 80, 34H, and 9, Parcels 55, 70, 32,4, and 9, in Suffield, Connecticut.

This permit is granted as a Declaratory Ruling, as there are no wetland impacts proposed.

The following items shall be addressed in the final submittal for construction:

9) The SCC must be notified in writing prior to any work commencing on site, of the date work will start, and the name, address, and telephone number of the contractor responsible for the work. Failure to do so will render this permit null and void.

10) The contractor is responsible for using proper soil and erosion controls. The contractor is also responsible for any fees associated with soil and erosion control inspections by the Town's Consultant.

11) All the poles and atennas shall be tinted a dull gray color.

12) If the FAA or any other regulatory agency ever requires lights on top of the town landfill tower, the applicant must come back to the Commission for review and approval.

13) The foundation design and geotechnical data must be supplied to the Commission for each pole.

The fee has been waived.

Respectfully,

Art Christian, Chairman

AC/klm
Cc: Suffield Building Department

Zoning and Planning Commission
Town of Suffield

May 4, 2000

Ms. Elaine Sarsynski, Director
Suffield Economic Development Commission
83 Mountain Road
Suffield, Connecticut 06078

Re: File #740 – Request of the Suffield Economic Development Commission for a special use permit for the approval of sites for telecommunication towers located on Town properties: WPCA, Highway Department, and Transfer Station.

Dear Ms. Sarsynski:

At a duly called Special Meeting of the Suffield Zoning and Planning Commission held on Monday, May 1, 2000, the Commission voted to approve the Town of Suffield's special use permit request for the for three (3) proposed telecommunication sites located as designated:

1. Town of Suffield Transfer Station site on the west side of Mountain Road (Route 168), on undeveloped land west of the Transfer Station operations (Site A);
2. Town of Suffield Public Works garage/maintenance facility off of Mountain Road, on land immediately adjacent to the Maintenance Facility Building (Site B); and
3. Town of Suffield Sewage Treatment Plant on the east side of East Street (Route 159), on undeveloped land along the north side of the Treatment's Plant's access driveway (Site C).

with the following conditions:

1. The heights of the respective mono-pole towers, including antennae, shall not exceed 199-feet (Site A); 120-feet (Site B); and 174-feet (Site C);
2. Each tower shall be certified as "self-collapsing" by a Connecticut registered professional engineer;
3. Details drawings are to be submitted with each request for building permits for both the towers and related facilities;
4. FCC licenses shall be produced prior to the issuance of the permits for company leasing space on the towers;
5. The Zoning Enforcement Officer shall review each proposal for zoning conformance prior to the issuance of the building permits;
6. All utilities are to be underground;
7. Site plans are to be revised.

A mylar and four (4) copies of site plans for each of the three approved sites must be submitted to this office as soon as possible for signatures.

Please remit a check in the amount of $10.00 (payable to the Town of Suffield), ***along with this original letter,*** to the Office of the Town Clerk, 83 Mountain Road. This fee is required to cover the cost of recording the Special Use Permit in the Office of the Town Clerk.

A copy of the legal notice that will appear in the Journal Inquirer on Saturday, May 6, 2000 is enclosed.

Sincerely,

Douglas H. Viets, M.D. /bgk

Douglas H. Viets, M.D.
Chairman

:bgk
Enclosure

cc: Building Official
Planning Consultant
Town Engineer
Zoning Enforcement Officer
File

LEGAL NOTICE
SUFFIELD PLANNING AND ZONING COMMISSION

At a duly called Special Meeting of the Suffield Zoning and Planning Commission held on Monday, May 1, 2000, the Commission took the following actions:

APPROVED WITH CONDITIONS: Special use permit request of Suffield Economic Development Commission for the approval of sites for communication towers located on Town properties: WPCA, Highway Department and Landfill.

_____
Douglas H. Viets, M.D., Chairman

_____
Stephen J. Martin, Secretary

Journal Inquirer
May 6, 2000

Exhibit B

Property Card

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2018.

Town of Suffield

Information on the Property Records for the Municipality of Suffield was last updated on 11/13/2021.

Parcel Information

Location:	44 FFYLER PL	Property Use:	Public Use	Primary Use:	Governmental Building
Unique ID:	R34522	Map Block Lot:	34 H 32 4	Acres:	3.50
490 Acres:	0.00	Zone:	TCV	Volume / Page:	0134/0430
Developers Map / Lot:	9/914 9/1035/ABC	Census:	4771.01		
Location:	44 FFYLER PL	Property Use:	Public Use	Primary Use:	Governmental Building
Unique ID:	R34522	Map Block Lot:	34 H 32 4	Acres:	3.50
490 Acres:	0.00	Zone:	TCV	Volume / Page:	0134/0430
Developers Map / Lot:	9/914 9/1035/ABC	Census:	4771.01		

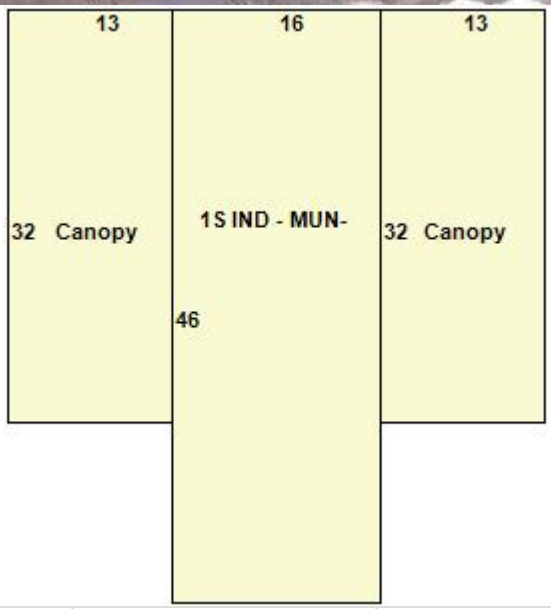
Value Information

	Appraised Value	Assessed Value
Land	229,000	160,300
Buildings	559,000	391,300
Detached Outbuildings	19,200	13,440
Total	807,200	565,040

Owner's Information

Owner's Data
SUFFIELD TOWN OF 83 MOUNTAIN RD SUFFIELD, CT 06078-2041

Building 1



Category:	Public Use	Use:	Municipal Industrial	GLA:	736
Stories:	1.00	Construction:	Masonry	Year Built:	1975
Heating:	Hot Air No Duct	Fuel:	Oil	Cooling Percent:	0
Siding:	Concr/Cinder/Vinyl Siding	Roof Material:	Asphalt	Beds/Units:	0

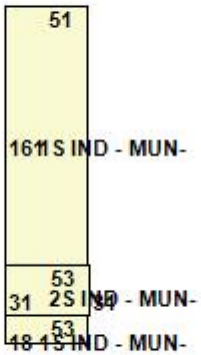
Special Features

Attached Components

Type:	Year Built:	Area:

Type:	Year Built:	Area:
Canopy	1975	416
Canopy	1975	416

Building 2



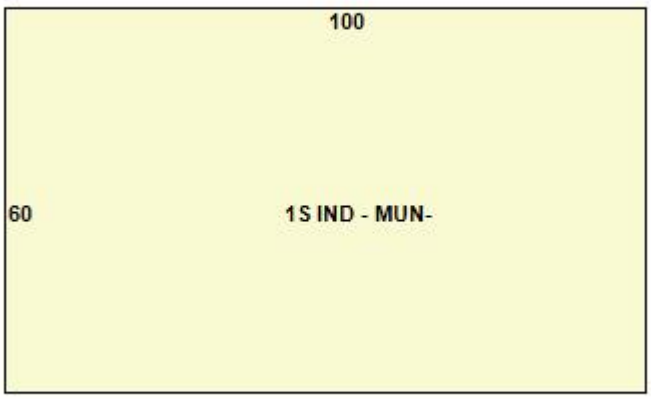
Category:	Public Use	Use:	Municipal Industrial	GLA:	12,415
Stories:	1.00	Construction:	Steel	Year Built:	1974
Heating:	Hot Air No Duct	Fuel:	Natural Gas	Cooling Percent:	0
Siding:	Concr/Cinder/Pre-Finish Metal	Roof Material:	Tar and Gravel	Beds/Units:	0

Special Features

Air Condition	1643
Mezzanine Storage	837

Attached Components

Building 3



Category:	Public Use	Use:	Municipal Industrial	GLA:	6,000

Stories:	1.00	Construction:	Wood Frame	Year Built:	2000
Heating:	None	Fuel:	Wood	Cooling Percent:	0
Siding:	Pre-Cast Concrete/Vinyl Siding	Roof Material:	Enamel Metal Shingle	Beds/Units:	0

Special Features

Attached Components

Detached Outbuildings

Type:	Year Built:	Length:	Width:	Area:
Kennel	1990	0.00	0.00	640
6 Ft Chain Fence	1990	0.00	0.00	142
Paving	1990	0.00	0.00	880
Paving	2003	46.00	210.00	9,660
Paving	2018	0.00	0.00	8,500

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Sale Price
SUFFIELD TOWN OF	0134	0430	06/08/1973	Warranty Deed	$0
SUFFIELD TOWN OF	0053	0210	12/22/1920	Warranty Deed	$0
SUFFIELD TOWN OF	0053	0151	04/15/1920		$0
SUFFIELD TOWN OF	0053	0141	03/11/1920	Warranty Deed	$0

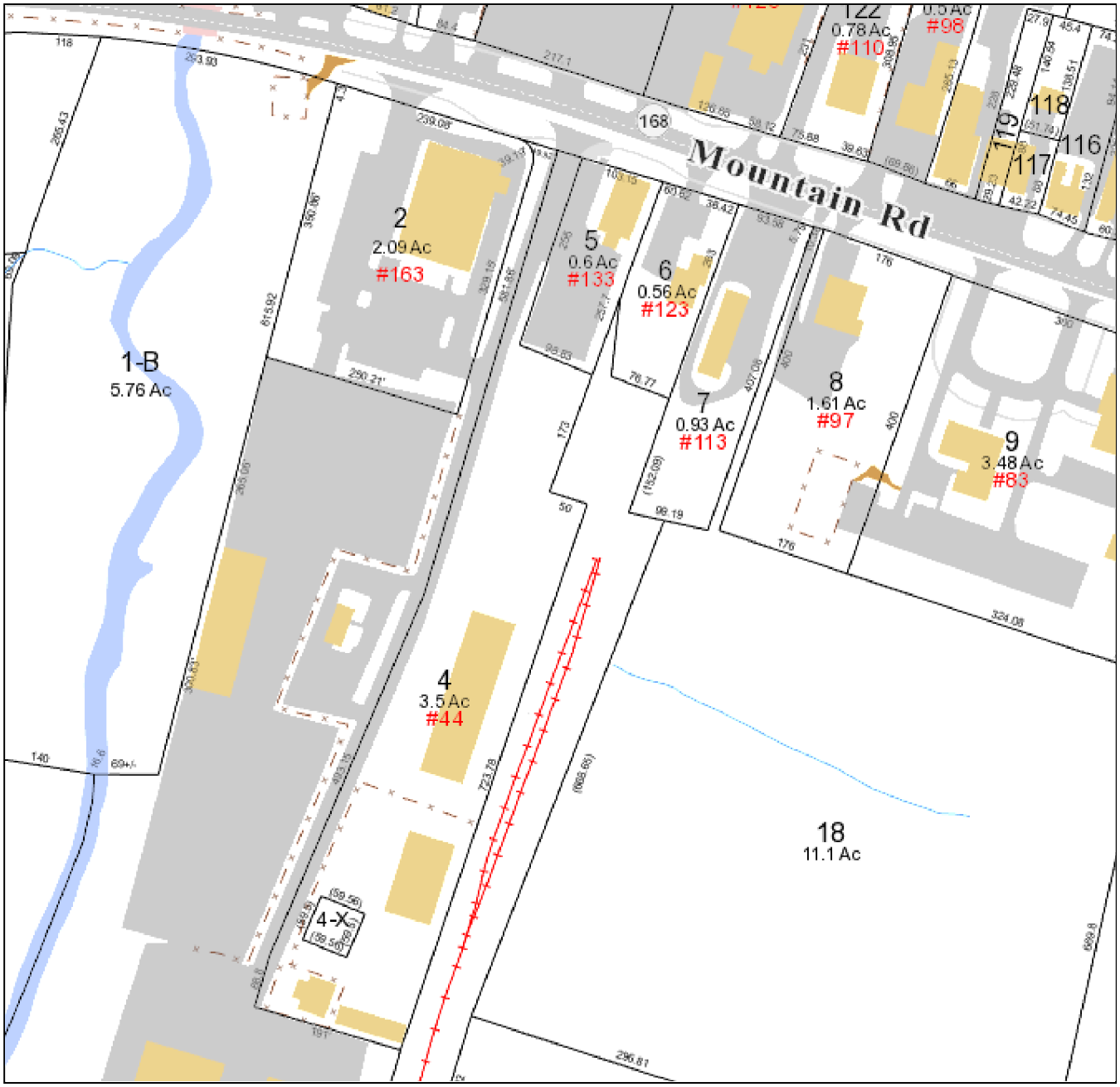
Building Permits

Permit Number	Permit Type	Date Opened	Reason
19-00192	Miscellaneous	03/18/2019	CELL TOWER ADDITION
18-00519	Generator	06/22/2018	INSTALL DIESEL/EMERGENCY GENERATOR ON CONCRETE PAD. ADD TRANSFER SWITCH.
17-01062	Residential Demolition	10/25/2017	DEMOLISH 3 STORAGE BUILDINGS
17-00877	Repair	08/30/2017	REPLACE VERIZON ANTENNA & REMOTE RADIO HEADS ON EXISTING CELL TOWERS
17-00249	Commercial New	03/27/2017	RRU EQUIPMENT REPLACEMENT
16-00580	Repair	07/11/2016	REPLACE ANTENNA PANELS
16-00218	Repair	03/28/2016	ANTENNA
39787	Unknown	10/10/2007	CELL TOWER MODIFICATIONS
35907	Addition	12/17/2004	HIGHWAY GAR RENOVATION
30028	Commercial New	10/26/2000	SALT SHED
	Residential	10/01/1991	FEP,WDK

Town of Suffield

Geographic Information System (GIS)

Date Printed: 11/14/2021



MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Suffield and its mapping contractors assume no legal responsibility for the information contained herein.

Approximate Scale: 1 inch = 200 feet

0 200 Feet

N W E S

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 588815
VERIZON SITE NAME: SUFFIELD 2 CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 109'-0"

BUSINESS UNIT #: 801486
SITE ADDRESS: 44 FFYLER PLACE
SUFFIELD, CT 06078
COUNTY: HARTFORD
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD 16272248

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	CT SUFFIELD 2 CAC 801486
SITE ADDRESS:	44 FFYLER PLACE SUFFIELD, CT 06078
COUNTY:	HARTFORD
MAP/PARCEL #:	34 H 32 4 X
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.980374
LONGITUDE:	-72.657313
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	544'
CURRENT ZONING:	PDI
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	CROWN ATLANTIC COMPANY LLC PMB 353 MCMURRAY PA 15317
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	EVERSOURCE NOT PROVIDED
TELCO PROVIDER:	NOT PROVIDED NOT PROVIDED

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 S BOULDER AVE, SUITE 300 TULSA, OK 74119 JENNY PAUL (918) 587-4630
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 N/A - PROJECT MANAGER N/A - CONSTRUCTION MANAGER
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

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

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 22X34. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	----
VzW LOCATION CODE (PSLC)	469116

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

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (16 HAZARD AVE ENFIELD, CT 06082) TAKE PHOENIX AVE TO CT-190 W HEAD SOUTH TOWARD PHOENIX AVE TURN RIGHT TOWARD PHOENIX AVE TURN RIGHT ONTO PHOENIX AVE CONTINUE ON CT-190 W TO SUFFIELD TURN LEFT AT THE 1ST CROSS STREET ONTO CT-190 W USE THE LEFT 2 LANES TO TURN LEFT ONTO CT-159 S TURN RIGHT ONTO THRALL AVE CONTINUE ON BRIDGE ST TO FFYLER PL TURN RIGHT ONTO BRIDGE ST TURN RIGHT ONTO N MAIN ST TURN LEFT ONTO MOUNTAIN RD TURN LEFT ONTO FFYLER PL CONTINUE ON FFYLER PL TURN LEFT ARRIVE AT 801486.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

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

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	MORRISON HERSHFIELD
DATED:	10/1/21
MOUNT ANALYSIS:	MASER CONSULTING
DATED:	9/3/21
RFDS REVISION:	N/A
DATED:	8/28/21
ORDER ID:	588815
REVISION:	1

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

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- REMOVE (6) ANTENNAS
- REMOVE (9) RADIOs
- INSTALL (3) ANTENNAS
- INSTALL (6) RADIOs

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
588815

BU #: **801486**
CT SUFFIELD 2 CAC 801486

44 FFYLER PLACE
SUFFIELD, CT 06078

EXISTING 109'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/3/21	JJR	CONSTRUCTION	JJR

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

SHEET NUMBER:	REVISION:
T-1	0

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
588815

BU #: **801486**
CT SUFFIELD 2 CAC 801486

44 FFYLER PLACE
SUFFIELD, CT 06078

EXISTING 109'-0" MONOPOLE

ISSUED FOR:

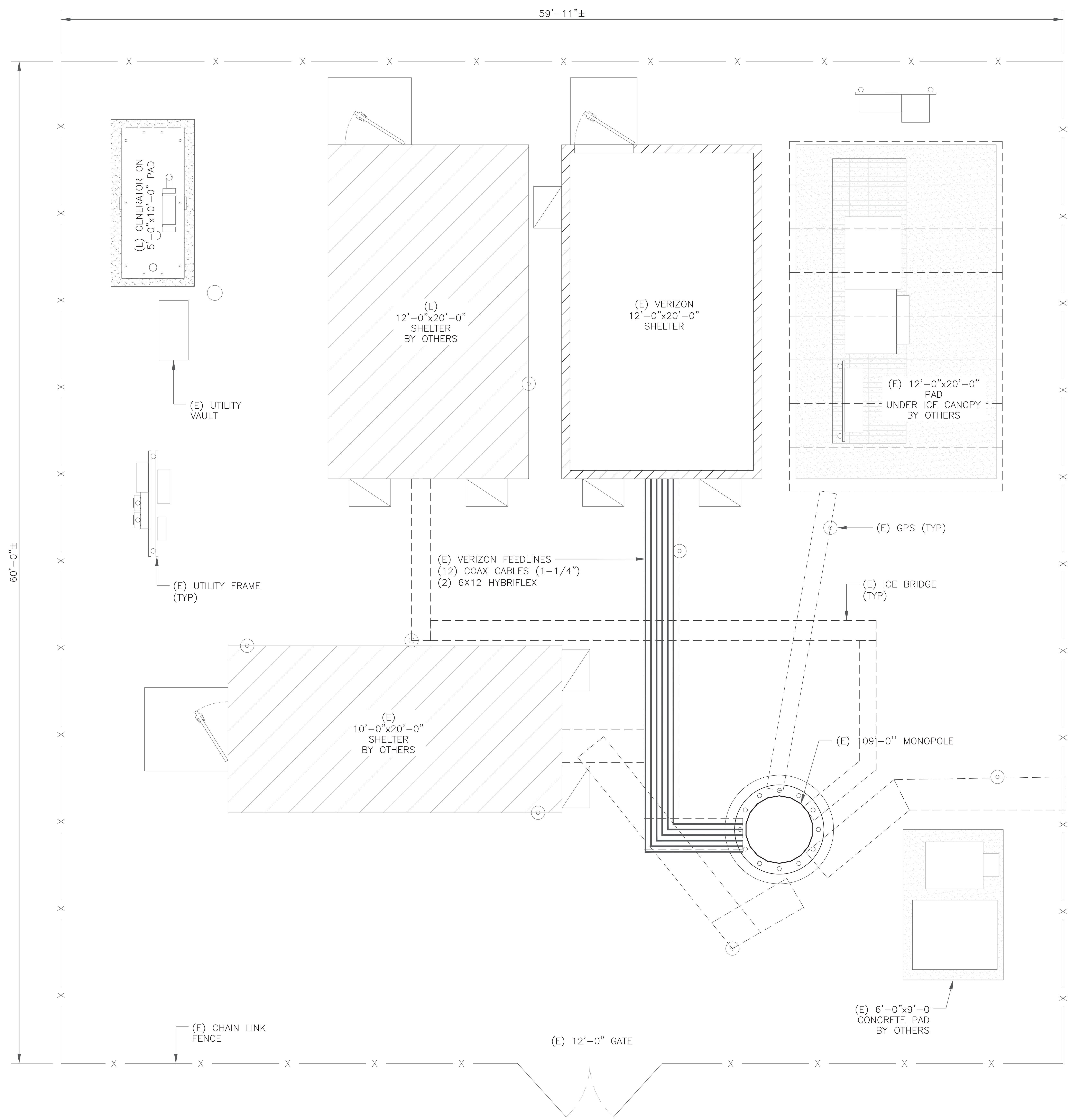
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/3/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
11/3/21

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

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

SHEET NUMBER:	REVISION:
T-2	0



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

N

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

B+T GRP
1717 S. BOULDER
SUITE 300
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EXISTING 109'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/3/21	JJR	CONSTRUCTION	JJR

11/3/21

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

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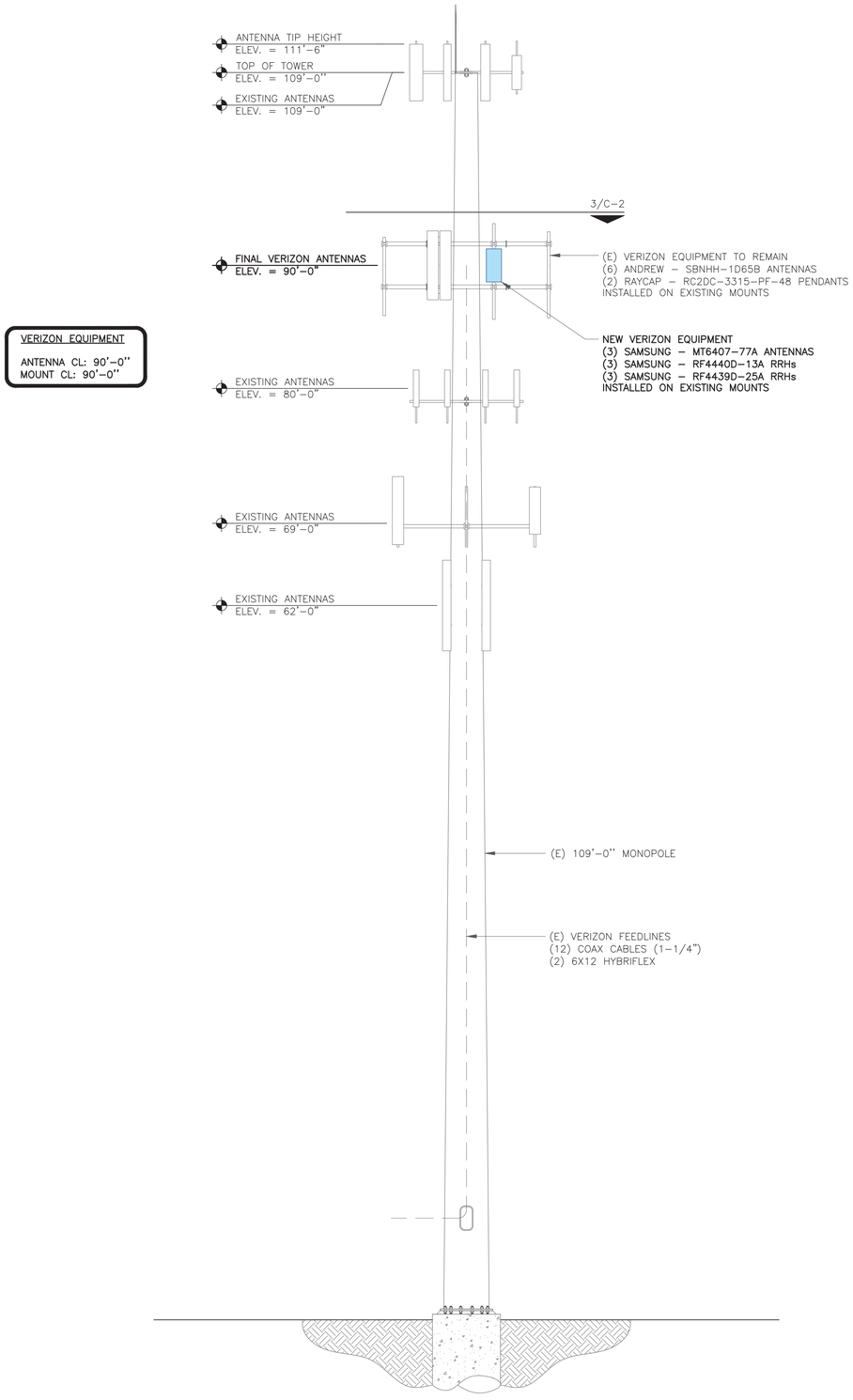
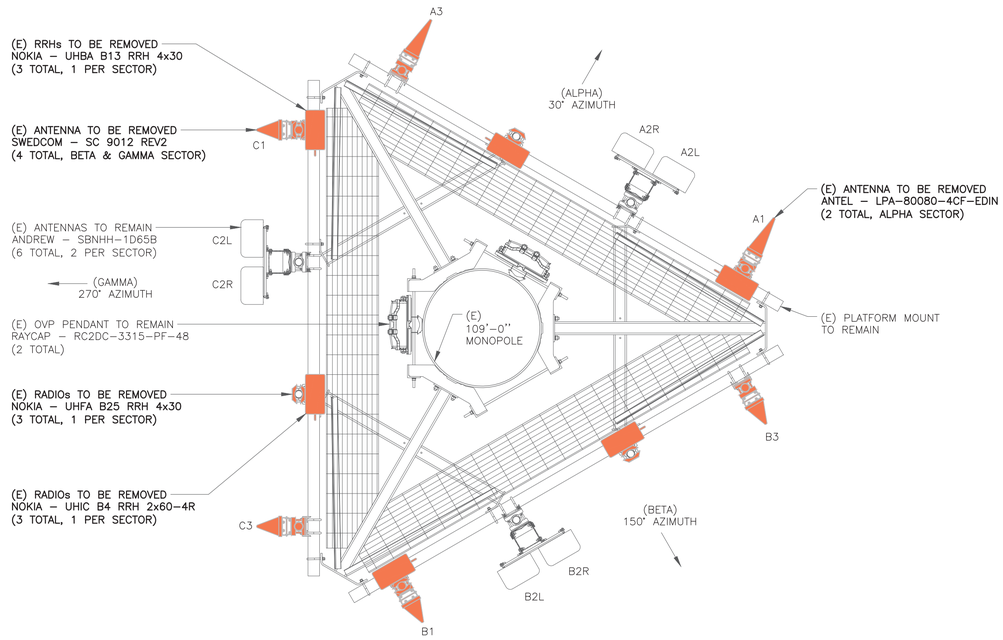
SHEET NUMBER:	REVISION:
C-1	0

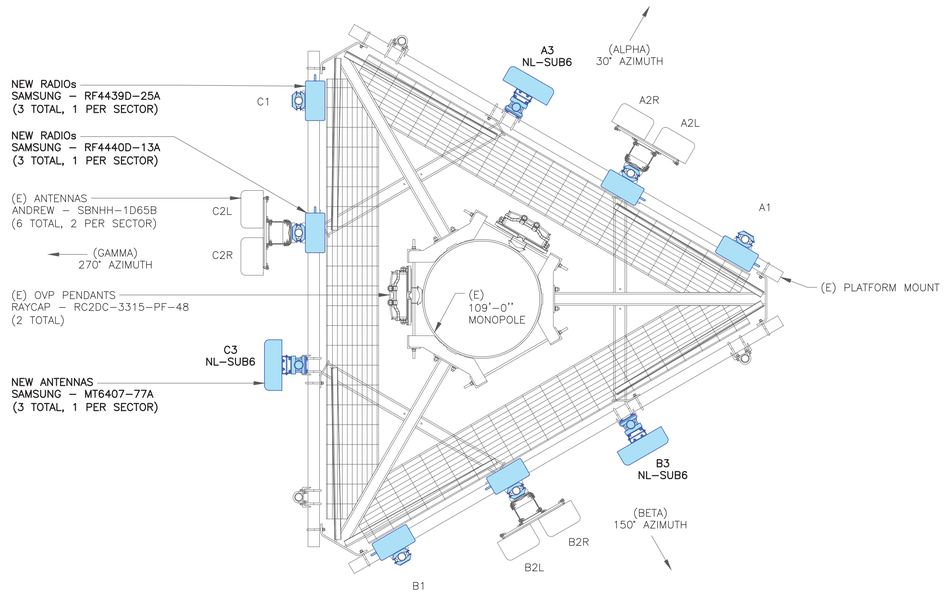
151123.002.01_CT SUFFIELD 2 CAC.dwg – Sheet:C-1 – User: jrichardson – Nov 03, 2021 – 5:26pm



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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VERIZON SITE NUMBER:
588815

BU #: **801486**
CT SUFFIELD 2 CAC 801486

44 FFYLER PLACE
SUFFIELD, CT 06078

EXISTING 109'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/3/21	JJR	CONSTRUCTION	JJR

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PEC.0001564
Expires 2/10/22

SHEET NUMBER: C-2

REVISION: 0

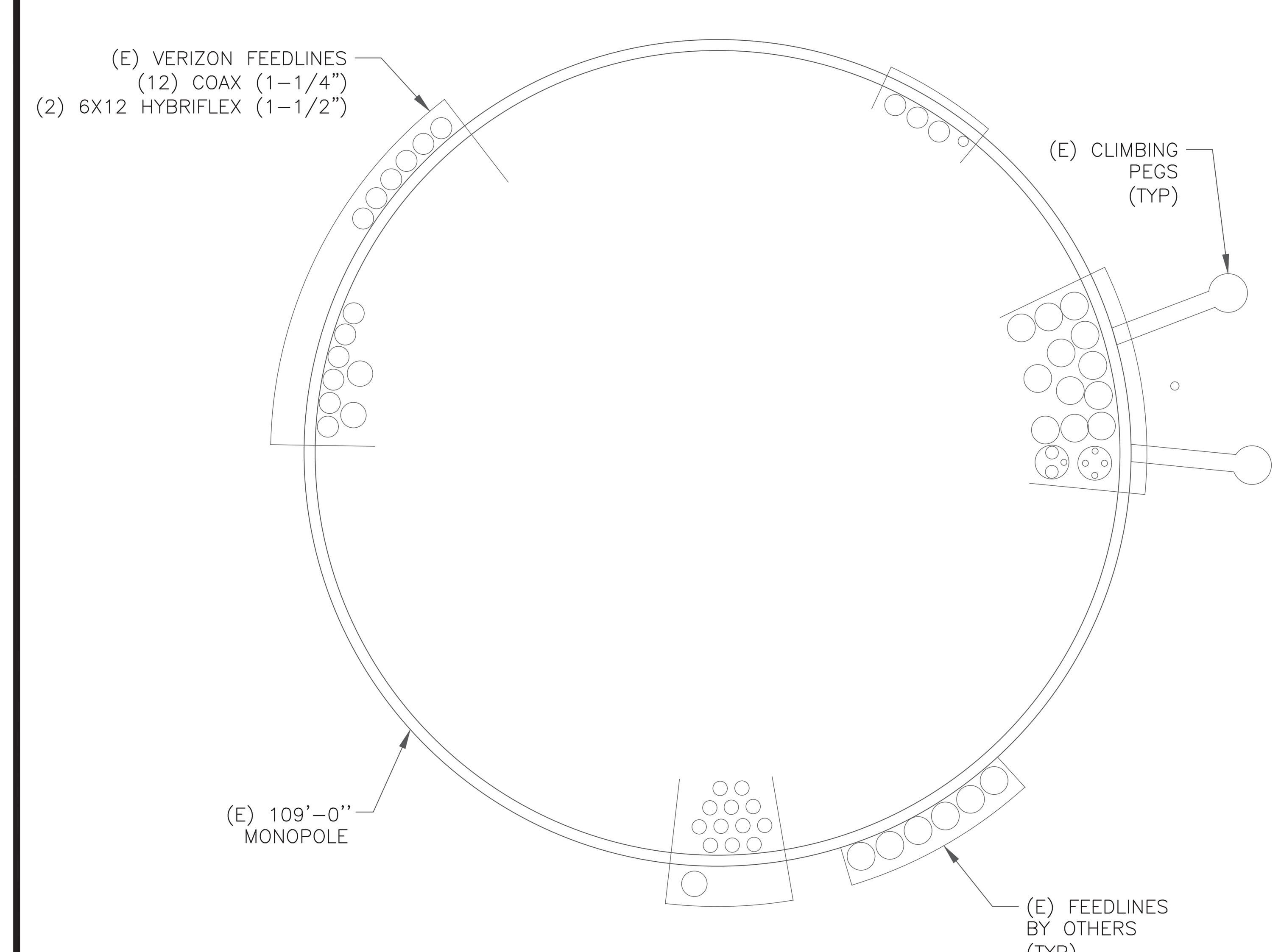
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	–	–	EMPTY MOUNT PIPE	–	–	–	–	SAMSUNG SAMSUNG	(1) RF4440D–13A (1) RF4439D–25A
A2L	EXISTING	ANDREW	SBNHH–1D65B	90'–0"	30°	0°	4° / 4° / 4° / 3° / 2°	–	–
A2R	EXISTING	ANDREW	SBNHH–1D65B	90'–0"	30°	0°	4° / 4° / 4° / 3° / 2°	–	–
A3	NEW	SAMSUNG	MT6407–77A	90'–0"	30°	0°	6°	–	–
	–	–	EMPTY MOUNT PIPE	–	–	–	–	–	–
B1	–	–	EMPTY MOUNT PIPE	–	–	–	–	SAMSUNG SAMSUNG	(1) RF4440D–13A (1) RF4439D–25A
B2L	EXISTING	ANDREW	SBNHH–1D65B	90'–0"	150°	0°	4° / 4° / 4° / 3° / 2°	–	–
B2R	EXISTING	ANDREW	SBNHH–1D65B	90'–0"	150°	0°	4° / 4° / 4° / 3° / 2°	–	–
B3	NEW	SAMSUNG	MT6407–77A	90'–0"	150°	0°	6°	–	–
	–	–	EMPTY MOUNT PIPE	–	–	–	–	–	–
C1	–	–	EMPTY MOUNT PIPE	–	–	–	–	SAMSUNG SAMSUNG	(1) RF4440D–13A (1) RF4439D–25A
C2L	EXISTING	ANDREW	SBNHH–1D65B	90'–0"	270°	0°	4° / 4° / 4° / 3° / 2°	–	–
C2R	EXISTING	ANDREW	SBNHH–1D65B	90'–0"	270°	0°	4° / 4° / 4° / 3° / 2°	–	–
C3	NEW	SAMSUNG	MT6407–77A	90'–0"	270°	0°	6°	–	–
	–	–	EMPTY MOUNT PIPE	–	–	–	–	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1–1/4"	141'–0"±	12
EXISTING	HYBRID	1–1/2"	141'–0"±	2
TOTAL CABLE QTY:				14



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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44 FFYLER PLACE
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11/3/21

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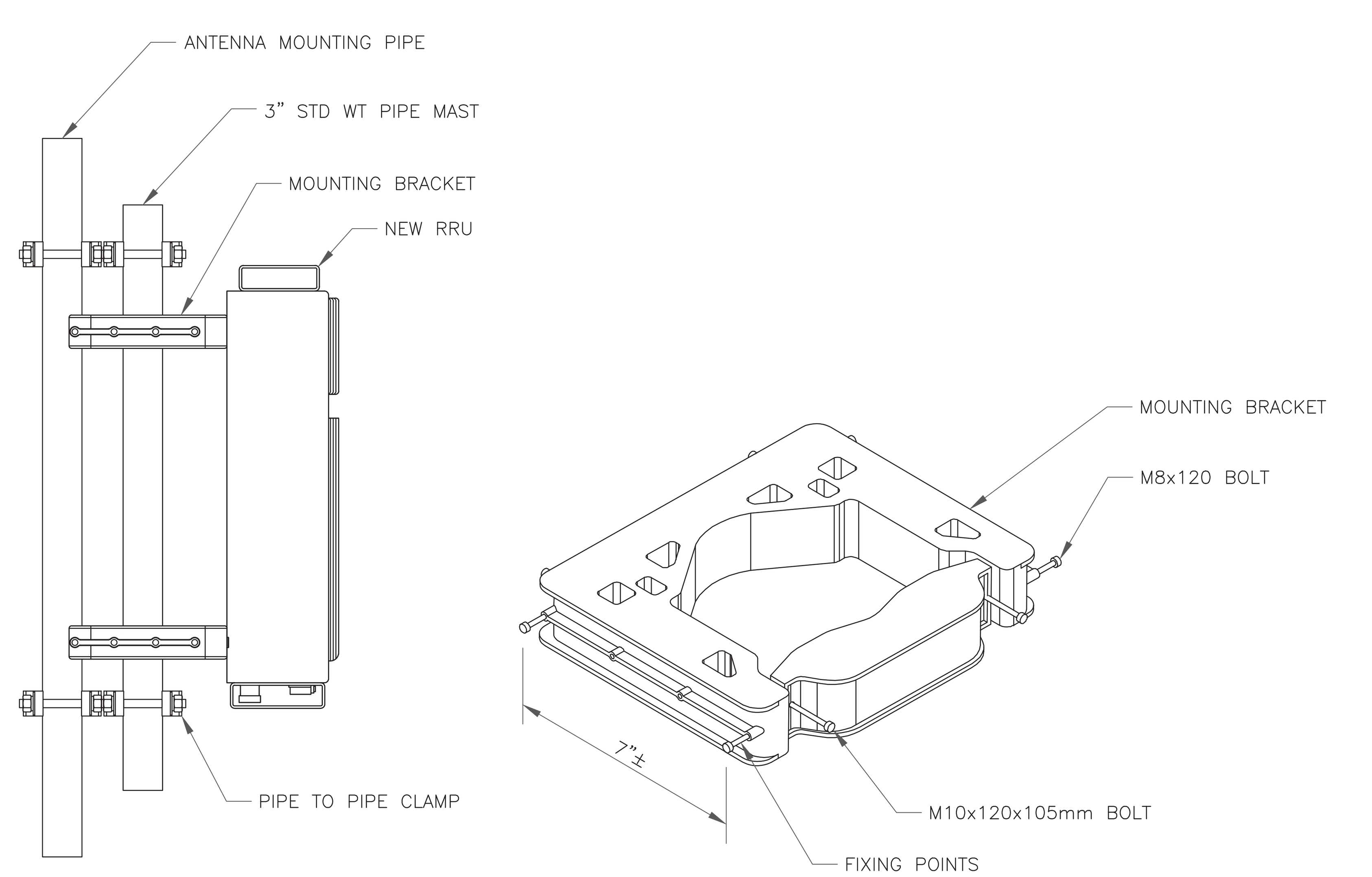
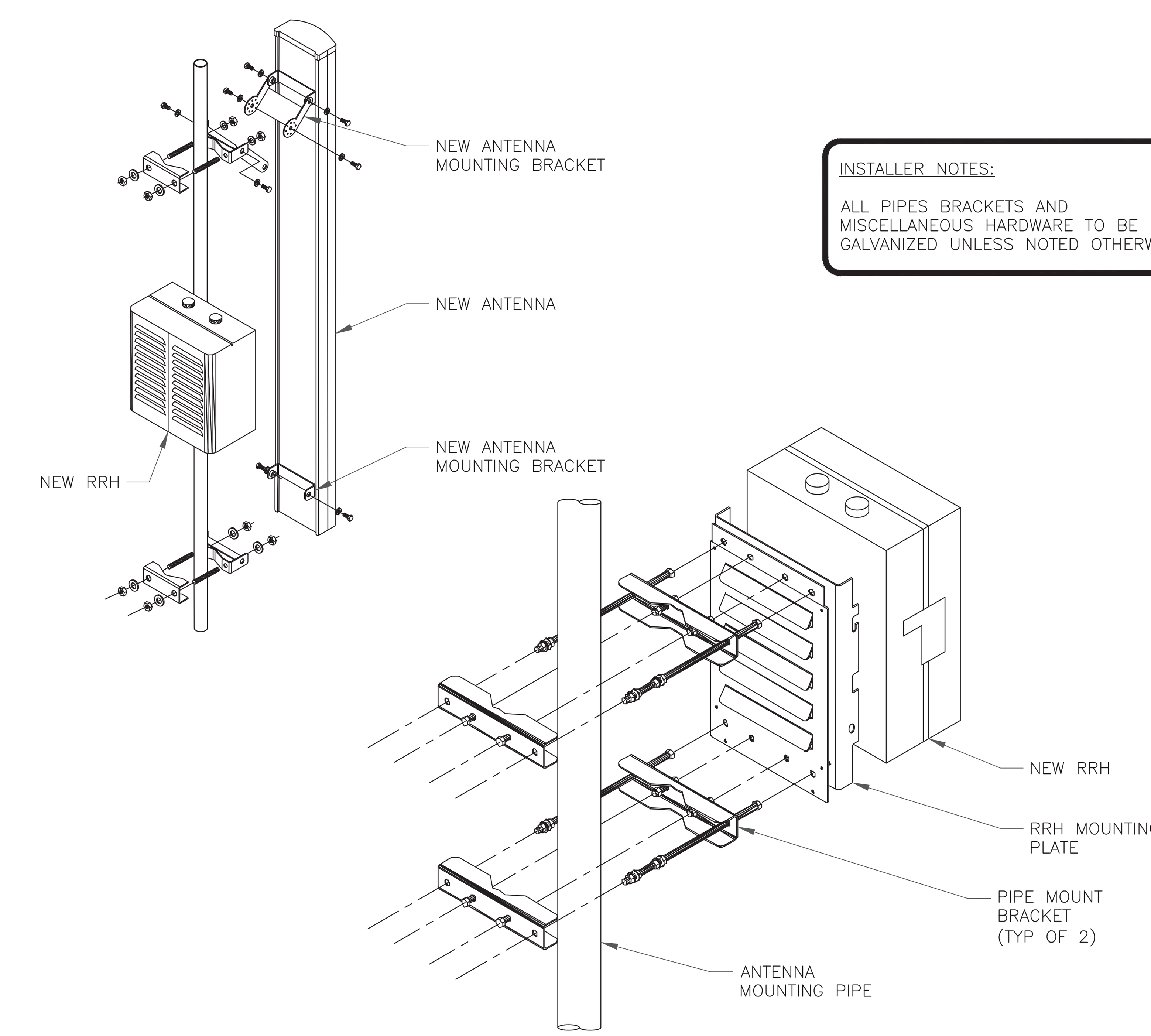
SHEET NUMBER: C-3
REVISION: 0

NOT USED
SCALE: NOT TO SCALE
1

NOT USED
SCALE: NOT TO SCALE
2



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



INSTALLER NOTES:

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

ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE
4

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11/3/21

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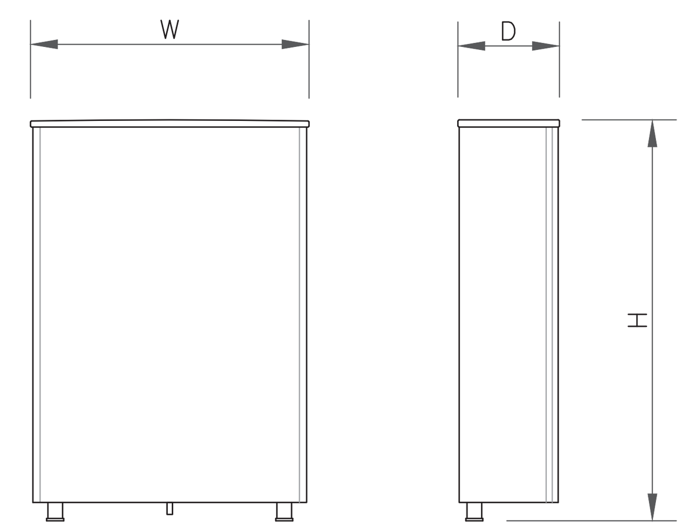
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: C-4
REVISION: 0

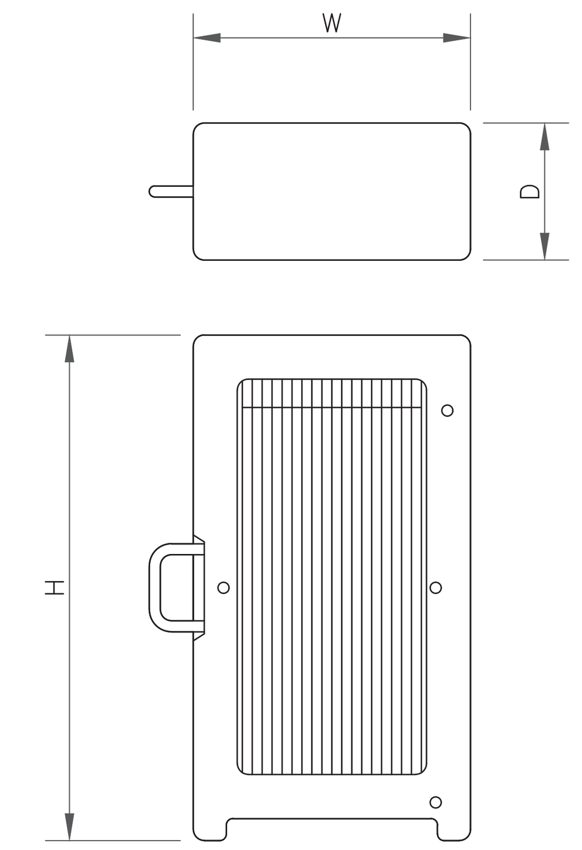
151123.002.01_CT SUFFIELD 2 CAC.dwg – Sheet:C-4 – User: jrichardson – Nov 03, 2021 – 5:26pm



ANTENNA SPECS

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

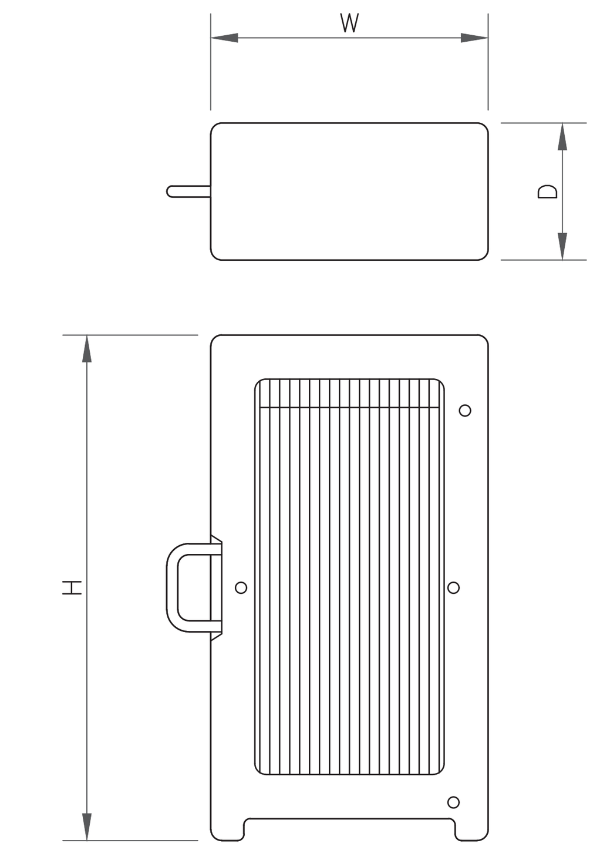
1 ANTENNA SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS

MANUFACTURER	SAMSUNG
MODEL #	RF4439D-25A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.70 LBS

2 RRU SPECIFICATIONS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS

MANUFACTURER	SAMSUNG
MODEL #	RF4440D-13A
WIDTH	14.96"
DEPTH	9.06"
HEIGHT	14.96"
WEIGHT	72.50 LBS

3 RRU SPECIFICATIONS
SCALE: NOT TO SCALE

4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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44 FFYLER PLACE
SUFFIELD, CT 06078

EXISTING 109'-0" MONOPOLE

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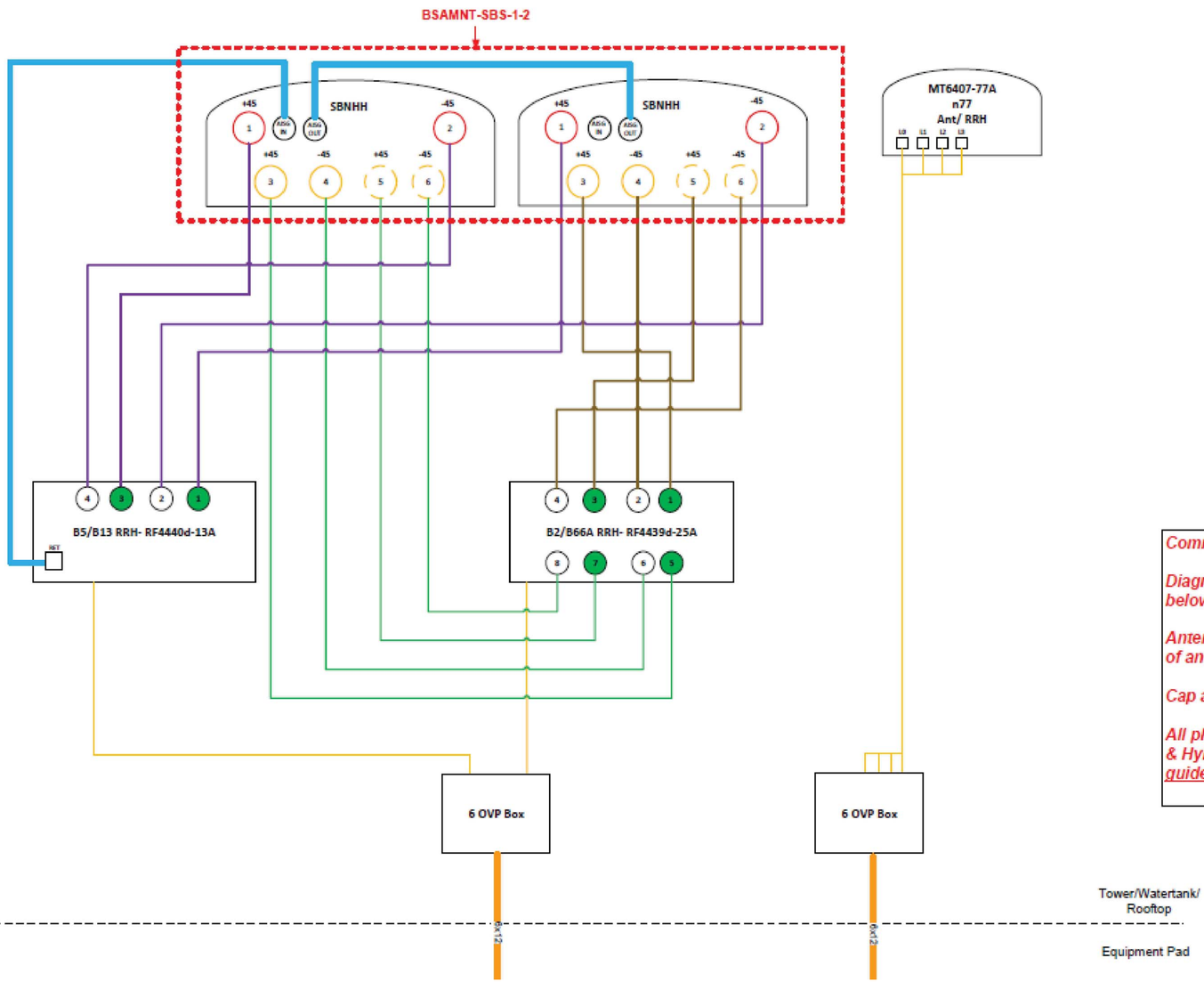
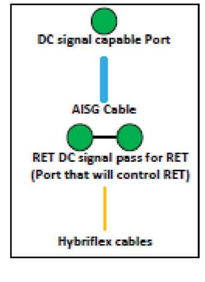


1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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

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



Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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

Cap and weatherproof unused antenna ports.

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

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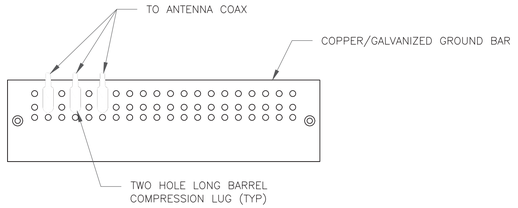
SHEET NUMBER: C-6

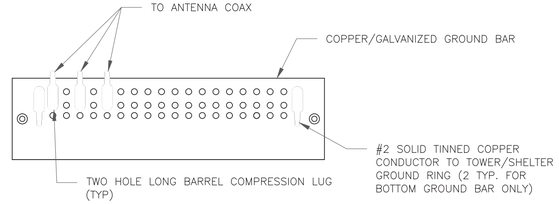
REVISION: 0



NOTES:

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

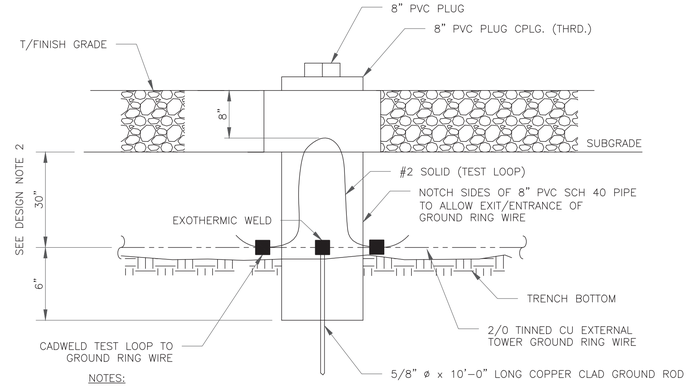
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

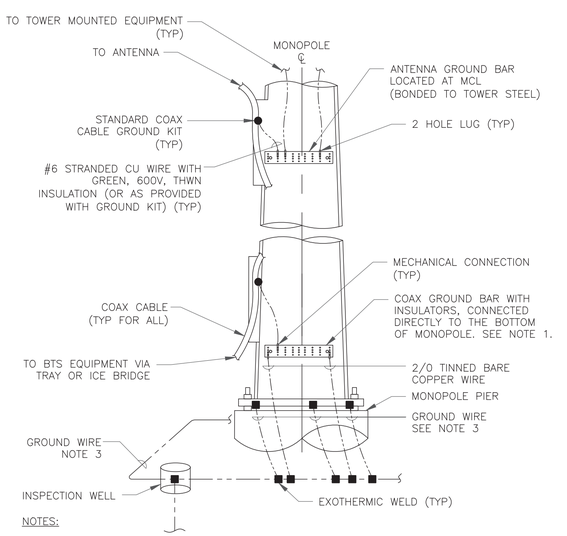
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

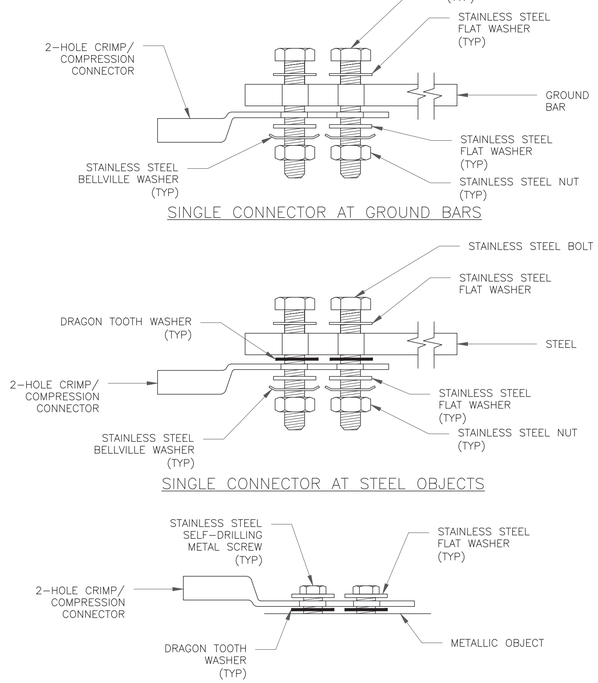
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



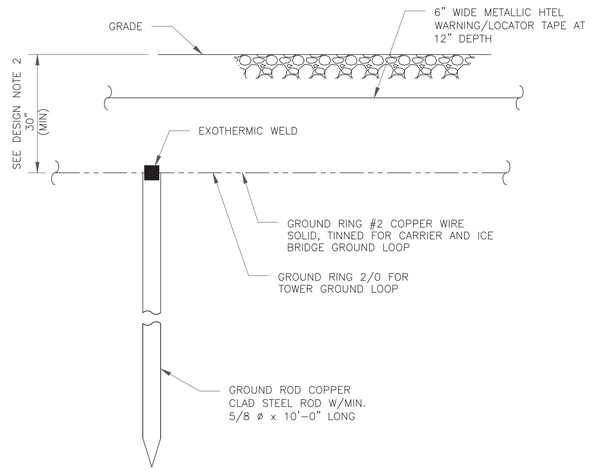
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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BU #: **801486**
CT SUFFIELD 2 CAC 801486

44 FFYLER PLACE
SUFFIELD, CT 06078

EXISTING 109'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/3/21	JJR	CONSTRUCTION	JJR

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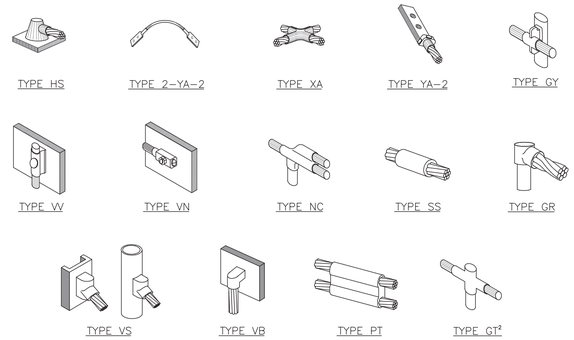
SHEET NUMBER: G-1
REVISION: 0

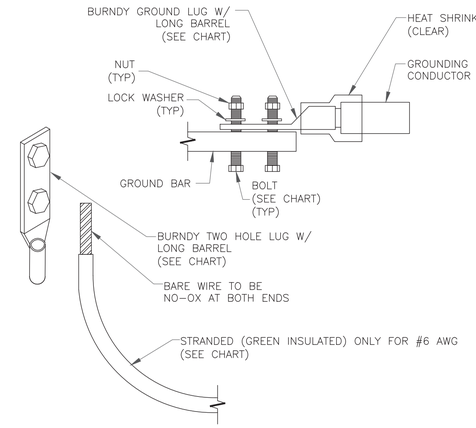


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

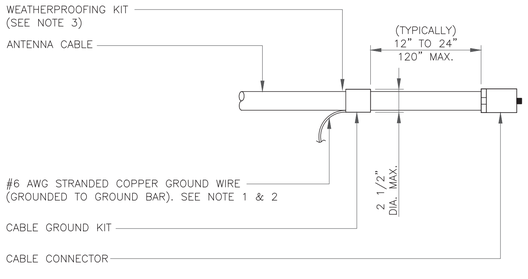
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

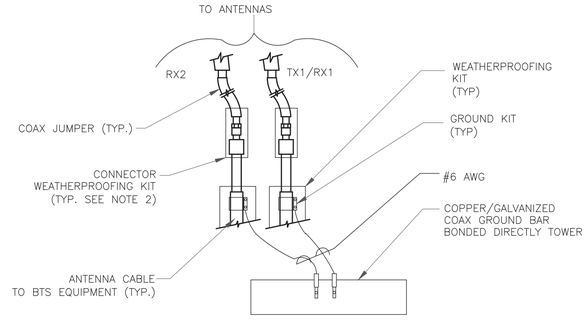
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

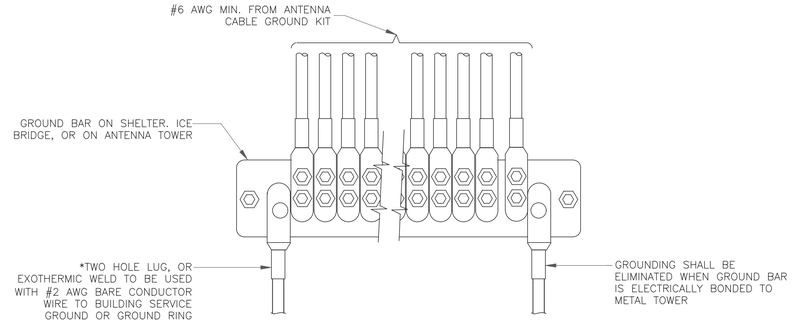
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



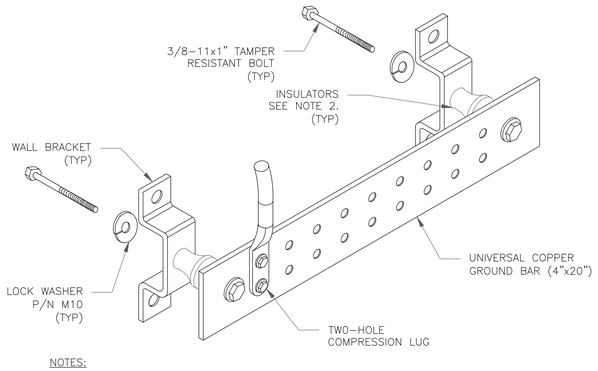
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



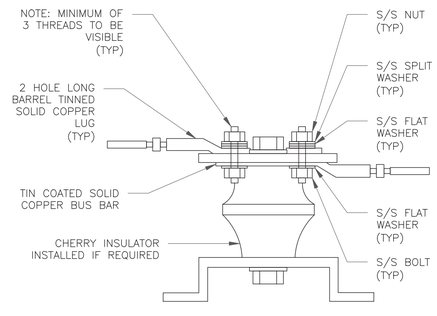
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



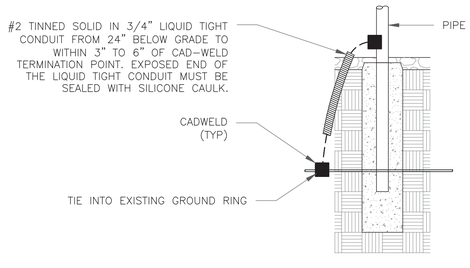
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

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

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **October 01, 2021**

MORRISON HERSHFIELD

Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 379-8500

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	469116
	Site Name:	Suffield 2 CT
Crown Castle Designation:	**BU Number:**	801486
	Site Name:	CT Suffield 2 CAC 801486
	JDE Job Number:	688534
	Work Order Number:	2026027
	Order Number:	588815 Rev. 1
Engineering Firm Designation:	**Morrison Hershfield Project Number:** CN9-728 / 2101398	
Site Data:	**44 FFyler Place, Suffield, Hartford County, CT 06078**	
	Latitude *41° 58' 49.7"*, Longitude *-72° 39' 26.2"*	
	109 Foot – FWT Monopole Tower	

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

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

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

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

Respectfully submitted by:

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer

Digitally signed by G. Lance Cooke
Date: 2021.10.01 12:58:45-07'00'

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1) INTRODUCTION

This tower is a 109 ft Monopole tower designed by FWT, Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	116 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
92.0	92.0	1	-	Platform Mount [LP 602-1]	12 2	1-1/4 1-1/2
	91.0	6	commscope	SBNHH-1D65B		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		2	commscope	RC2DC-3315-PF-48		
		3	samsung telecommunications	RF4439D-25A		
		3	samsung telecommunications	RF4440D-13A		
		3	-	Side-By-Side Mounting Kit		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
109.0	111.0	3	cci antennas	HPA-65R-BUU-H8 w/ Mount Pipe	12 6 2 2	1-5/8 3/4 3/8 2C
		3	cci antennas	HPA65R-BU8A w/ Mount Pipe		
		3	ericsson	RADIO 4415 B30		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 8843 B2/B66A		
		3	kathrein	800 10121 w/ Mount Pipe		
		3	kathrein	80010966 w/ Mount Pipe		
		3	raycap	DC6-48-60-18-8F		
	109.0	6	powerwave technologies	TT19-08BP111-001		
		1	-	Platform Mount [LP 714-1]		
101.0	101.0	3	jma wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	fujitsu	TA08025-B604		
		3	fujitsu	TA08025-B605		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
101.0	101.0	1	raycap	RDIDC-9181-PF-48	-	-
		1	tower mounts	Commscope MC-PK8-DSH		
80.0	81.0	12	decibel	DB844H90-XY w/ Mount Pipe	12	7/8
	80.0	1	-	Platform Mount [LP 1201-1]		
74.0	75.0	3	alcatel lucent	PCS 1900MHZ 4X45W-65MHZ	-	-
	74.0	1	-	Side Arm Mount [SO 102-1]		
	72.0	3	alcatel lucent	800MHZ 2X50W RRH W/FILTER		
69.0	72.0	3	alcatel lucent	TD-RRH8X20-25	3 1	1-1/4 5/8
	71.0	2	rfs celwave	APXV9ERR18-C-A20 w/ Mount Pipe		
		1	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe		
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe		
	69.0	1	-	Platform Mount [LP 1201-1]		
62.0	62.0	3	rfs celwave	APX18-206516L w/ Mount Pipe	6	1-5/8

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2294830	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	821489	CCISITES
4-TOWER MANUFACTURER DRAWINGS	823124	CCISITES

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	109 - 95	Pole	TP26.715x23.476x0.1875	1	-8.13	969.73	24.0	Pass
L2	95 - 48.08	Pole	TP37.573x26.715x0.3125	2	-25.92	2200.76	50.5	Pass
L3	48.08 - 0	Pole	TP48.075x35.8094x0.375	3	-40.99	3487.40	60.0	Pass
							Summary	
						Pole (L3)	60.0	Pass
						Rating =	60.0	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Flange Connections	95	16.6	Pass
1	Anchor Rods	0	49.0	Pass
1	Base Plate		27.3	Pass
1	Base Foundation (Structure)	0	56.3	Pass
1	Base Foundation (Soil Interaction)		40.4	Pass

Structure Rating (max from all components) =	61.1%*

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

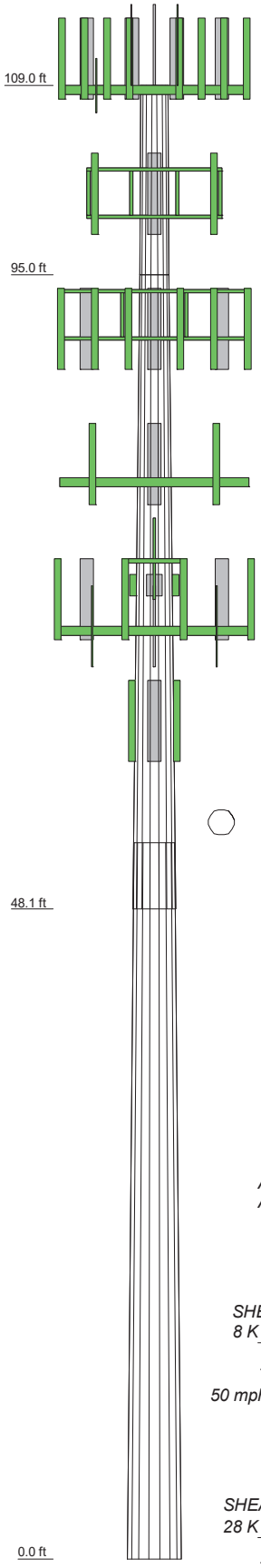
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3
Length (ft)	14.00	46.92	53.00
Number of Sides	18	18	18
Thickness (in)	0.1875	0.3125	0.3750
Socket Length (ft)		4.92	
Top Dia (in)	23.4760	26.7150	35.8094
Bot Dia (in)	26.7150	37.5730	48.0750
Grade	A572-65		
Weight (K)	0.7	5.0	8.9



ALL REACTIONS ARE FACTORED

AXIAL 74 K

SHEAR 8 K

MOMENT 736 kip-ft

TORQUE 0 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 41 K

SHEAR 28 K

MOMENT 2346 kip-ft

TORQUE 1 kip-ft
REACTIONS - 116 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 116 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 60%

Morrison Hershfield
Consulting Engineers
1455 Lincoln Parkway,Suite 500
Atlanta,GA 30346
Phone: (770) 379-8500
FAX: (770) 379-8501

Job: CN9-728 / 2101398			
Project: 801486 / CT Suffield 2 CAC 801486			
Client: Crown Castle USA	Drawn by: KLM	App'd:	
Code: TIA-222-H	Date: 10/01/21	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

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

Tower is located in Hartford County, Connecticut.
Tower base elevation above sea level: 132.00 ft.
Basic wind speed of 116 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.5000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	*Elevation*	*Section Length*	*Splice Length*	*Number of Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	109.00-95.00	14.00	0.00	18	23.4760	26.7150	0.1875	0.7500	A572-65 (65 ksi)
L2	95.00-48.08	46.92	4.92	18	26.7150	37.5730	0.3125	1.2500	A572-65

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L3	48.08-0.00	53.00		18	35.8094	48.0750	0.3750	1.5000	(65 ksi) A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	23.8092	13.8596	949.6645	8.2674	11.9258	79.6310	1900.5786	6.9311	3.8018	20.276
	27.0982	15.7872	1403.5717	9.4173	13.5712	103.4227	2808.9903	7.8951	4.3718	23.316
L2	27.0789	26.1880	2306.3730	9.3729	13.5712	169.9459	4615.7808	13.0965	4.1518	13.286
	38.1044	36.9578	6482.4687	13.2275	19.0871	339.6259	12973.4672	18.4824	6.0628	19.401
L3	37.4602	42.1758	6690.4026	12.5792	18.1912	367.7825	13389.6086	21.0919	5.6425	15.047
	48.7588	56.7749	16320.3992	16.9335	24.4221	668.2635	32662.2732	28.3929	7.8012	20.803

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 109.00-95.00				1	1	1			
L2 95.00-48.08				1	1	1			
L3 48.08-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
******										
Safety Line 3/8"	C	No	Surface Ar (CaAa)	109.00 - 0.00	1	1	-0.450 -0.450	0.3750		0.22
Climbing Pegs	C	No	Surface Ar (CaAa)	109.00 - 0.00	1	1	-0.500 -0.400	0.7050		1.80
******										
CU12PSM9P6XXX(1-1/2)	C	No	Surface Ar (CaAa)	101.00 - 0.00	1	1	0.400 0.400	1.6000		2.35
******										
LDF6-50A(1-1/4)	A	No	Surface Ar (CaAa)	92.00 - 0.00	6	6	0.200 0.480	1.5500		0.60
******										
CR 50 1873(1-5/8)	C	No	Surface Ar (CaAa)	62.00 - 0.00	6	6	0.000 0.300	1.9800		0.83
******										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
******									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	109.00 - 0.00	12	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
FB-L98B-002-	B	No	No	Inside Pole	109.00 - 0.00	2	No Ice	0.00	0.06

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
75000(3/8)							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
WR-VG86ST-BRD(3/4)	B	No	No	Inside Pole	109.00 - 0.00	6	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58
							1" Ice	0.00	0.58
							2" Ice	0.00	0.58
CONDUIT(2)	B	No	No	Inside Pole	109.00 - 0.00	1	No Ice	0.00	2.80
							1/2" Ice	0.00	2.80
							1" Ice	0.00	2.80
							2" Ice	0.00	2.80
LDF6-50A(1-1/4)	A	No	No	Inside Pole	92.00 - 0.00	6	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
							2" Ice	0.00	0.60
MLC HYBRID 6X12 LI(1-1/2)	A	No	No	Inside Pole	92.00 - 0.00	2	No Ice	0.00	1.85
							1/2" Ice	0.00	1.85
							1" Ice	0.00	1.85
							2" Ice	0.00	1.85
******									
LDF5-50A(7/8)	C	No	No	Inside Pole	80.00 - 0.00	12	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33
							2" Ice	0.00	0.33
******									
HB058-M12-XXXF(5/8)	B	No	No	Inside Pole	69.00 - 0.00	1	No Ice	0.00	0.24
							1/2" Ice	0.00	0.24
							1" Ice	0.00	0.24
							2" Ice	0.00	0.24
HB114-1-08U4-M5J(1-1/4)	B	No	No	Inside Pole	69.00 - 0.00	3	No Ice	0.00	1.08
							1/2" Ice	0.00	1.08
							1" Ice	0.00	1.08
							2" Ice	0.00	1.08
******									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	109.00-95.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.23
		C	0.000	0.000	2.472	0.000	0.04
L2	95.00-48.08	A	0.000	0.000	40.846	0.000	0.48
		B	0.000	0.000	0.000	0.000	0.84
		C	0.000	0.000	29.112	0.000	0.40
L3	48.08-0.00	A	0.000	0.000	44.714	0.000	0.52
		B	0.000	0.000	0.000	0.000	0.95
		C	0.000	0.000	70.004	0.000	0.64

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	109.00-95.00	A	1.427	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.23
		C		0.000	0.000	12.176	0.000	0.17
L2	95.00-48.08	A	1.376	0.000	0.000	66.163	0.000	1.10
		B		0.000	0.000	0.000	0.000	0.84
		C		0.000	0.000	76.765	0.000	1.19
L3	48.08-0.00	A	1.235	0.000	0.000	72.430	0.000	1.21
		B		0.000	0.000	0.000	0.000	0.95
		C		0.000	0.000	140.510	0.000	2.05

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	109.00-95.00	0.2425	0.8400	1.3734	1.8592
L2	95.00-48.08	-2.1635	-1.3785	-1.0779	-0.2257
L3	48.08-0.00	-3.1235	1.8998	-1.8933	2.1852

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	2	Safety Line 3/8"	95.00 - 109.00	1.0000	1.0000
L1	3	Climbing Pegs	95.00 - 109.00	1.0000	1.0000
L1	10	CU12PSM9P6XXX(1-1/2)	95.00 - 101.00	1.0000	1.0000
L2	2	Safety Line 3/8"	48.08 - 95.00	1.0000	1.0000
L2	3	Climbing Pegs	48.08 - 95.00	1.0000	1.0000
L2	10	CU12PSM9P6XXX(1-1/2)	48.08 - 95.00	1.0000	1.0000
L2	12	LDF6-50A(1-1/4)	48.08 - 92.00	1.0000	1.0000
L2	21	CR 50 1873(1-5/8)	48.08 - 62.00	1.0000	1.0000
L3	2	Safety Line 3/8"	0.00 - 48.08	1.0000	1.0000
L3	3	Climbing Pegs	0.00 - 48.08	1.0000	1.0000
L3	10	CU12PSM9P6XXX(1-1/2)	0.00 - 48.08	1.0000	1.0000
L3	12	LDF6-50A(1-1/4)	0.00 - 48.08	1.0000	1.0000
L3	21	CR 50 1873(1-5/8)	0.00 - 48.08	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
*******									
Lighting Rod 1" x 12'	C	From Leg	4.00 0.00 0.00	0.0000	109.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.20 2.42 3.65 6.17	1.20 2.42 3.65 6.17	0.04 0.05 0.07 0.13
*******									
80010966 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	109.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.61 15.47 16.35 18.14	6.84 7.63 8.42 10.06	0.16 0.27 0.39 0.68
80010966 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	109.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.61 15.47 16.35 18.14	6.84 7.63 8.42 10.06	0.16 0.27 0.39 0.68
80010966 w/ Mount Pipe	C	From Leg	4.00 0.00	0.0000	109.00	No Ice 1/2"	14.61 15.47	6.84 7.63	0.16 0.27

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			2.00			Ice	16.35	8.42	0.39
						1" Ice	18.14	10.06	0.68
						2" Ice			
800 10121 w/ Mount Pipe	A	From Leg	4.00	0.0000	109.00	No Ice	3.60	2.95	0.07
			0.00			1/2"	4.00	3.34	0.11
			2.00			Ice	4.42	3.74	0.17
						1" Ice	5.29	4.59	0.30
						2" Ice			
800 10121 w/ Mount Pipe	B	From Leg	4.00	0.0000	109.00	No Ice	3.60	2.95	0.07
			0.00			1/2"	4.00	3.34	0.11
			2.00			Ice	4.42	3.74	0.17
						1" Ice	5.29	4.59	0.30
						2" Ice			
800 10121 w/ Mount Pipe	C	From Leg	4.00	0.0000	109.00	No Ice	3.60	2.95	0.07
			0.00			1/2"	4.00	3.34	0.11
			2.00			Ice	4.42	3.74	0.17
						1" Ice	5.29	4.59	0.30
						2" Ice			
HPA-65R-BUU-H8 w/ Mount Pipe	A	From Leg	4.00	0.0000	109.00	No Ice	12.25	8.33	0.10
			0.00			1/2"	13.19	9.23	0.19
			2.00			Ice	14.16	10.15	0.30
						1" Ice	16.14	12.05	0.54
						2" Ice			
HPA-65R-BUU-H8 w/ Mount Pipe	B	From Leg	4.00	0.0000	109.00	No Ice	12.25	8.33	0.10
			0.00			1/2"	13.19	9.23	0.19
			2.00			Ice	14.16	10.15	0.30
						1" Ice	16.14	12.05	0.54
						2" Ice			
HPA-65R-BUU-H8 w/ Mount Pipe	C	From Leg	4.00	0.0000	109.00	No Ice	12.25	8.33	0.10
			0.00			1/2"	13.19	9.23	0.19
			2.00			Ice	14.16	10.15	0.30
						1" Ice	16.14	12.05	0.54
						2" Ice			
HPA65R-BU8A w/ Mount Pipe	A	From Leg	4.00	0.0000	109.00	No Ice	8.10	6.94	0.09
			0.00			1/2"	8.86	7.69	0.17
			2.00			Ice	9.64	8.45	0.27
						1" Ice	11.24	10.03	0.50
						2" Ice			
HPA65R-BU8A w/ Mount Pipe	B	From Leg	4.00	0.0000	109.00	No Ice	8.10	6.94	0.09
			0.00			1/2"	8.86	7.69	0.17
			2.00			Ice	9.64	8.45	0.27
						1" Ice	11.24	10.03	0.50
						2" Ice			
HPA65R-BU8A w/ Mount Pipe	C	From Leg	4.00	0.0000	109.00	No Ice	8.10	6.94	0.09
			0.00			1/2"	8.86	7.69	0.17
			2.00			Ice	9.64	8.45	0.27
						1" Ice	11.24	10.03	0.50
						2" Ice			
(2) TT19-08BP111-001	A	From Leg	4.00	0.0000	109.00	No Ice	0.55	0.44	0.02
			0.00			1/2"	0.64	0.53	0.02
			0.00			Ice	0.74	0.63	0.03
						1" Ice	0.97	0.84	0.05
						2" Ice			
(2) TT19-08BP111-001	B	From Leg	4.00	0.0000	109.00	No Ice	0.55	0.44	0.02
			0.00			1/2"	0.64	0.53	0.02
			0.00			Ice	0.74	0.63	0.03
						1" Ice	0.97	0.84	0.05
						2" Ice			
(2) TT19-08BP111-001	C	From Leg	4.00	0.0000	109.00	No Ice	0.55	0.44	0.02
			0.00			1/2"	0.64	0.53	0.02
			0.00			Ice	0.74	0.63	0.03
						1" Ice	0.97	0.84	0.05
						2" Ice			
RADIO 4415 B30	A	From Leg	4.00	0.0000	109.00	No Ice	1.64	0.64	0.04
			0.00			1/2"	1.80	0.75	0.05

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		C_AA_A *Front* ft^2	C_AA_A *Side* ft^2	*Weight* K
			2.00			Ice	1.97	0.87	0.07
						1" Ice	2.33	1.13	0.11
						2" Ice			
RADIO 4415 B30	B	From Leg	4.00	0.0000	109.00	No Ice	1.64	0.64	0.04
			0.00			1/2"	1.80	0.75	0.05
			2.00			Ice	1.97	0.87	0.07
						1" Ice	2.33	1.13	0.11
						2" Ice			
RADIO 4415 B30	C	From Leg	4.00	0.0000	109.00	No Ice	1.64	0.64	0.04
			0.00			1/2"	1.80	0.75	0.05
			2.00			Ice	1.97	0.87	0.07
						1" Ice	2.33	1.13	0.11
						2" Ice			
RRUS 8843 B2/B66A	A	From Leg	4.00	0.0000	109.00	No Ice	1.64	1.35	0.07
			0.00			1/2"	1.80	1.50	0.09
			2.00			Ice	1.97	1.65	0.11
						1" Ice	2.32	1.99	0.16
						2" Ice			
RRUS 8843 B2/B66A	B	From Leg	4.00	0.0000	109.00	No Ice	1.64	1.35	0.07
			0.00			1/2"	1.80	1.50	0.09
			2.00			Ice	1.97	1.65	0.11
						1" Ice	2.32	1.99	0.16
						2" Ice			
RRUS 8843 B2/B66A	C	From Leg	4.00	0.0000	109.00	No Ice	1.64	1.35	0.07
			0.00			1/2"	1.80	1.50	0.09
			2.00			Ice	1.97	1.65	0.11
						1" Ice	2.32	1.99	0.16
						2" Ice			
RRUS 4449 B5/B12	A	From Leg	4.00	0.0000	109.00	No Ice	1.97	1.41	0.07
			0.00			1/2"	2.14	1.56	0.09
			2.00			Ice	2.33	1.73	0.11
						1" Ice	2.72	2.07	0.16
						2" Ice			
RRUS 4449 B5/B12	B	From Leg	4.00	0.0000	109.00	No Ice	1.97	1.41	0.07
			0.00			1/2"	2.14	1.56	0.09
			2.00			Ice	2.33	1.73	0.11
						1" Ice	2.72	2.07	0.16
						2" Ice			
RRUS 4449 B5/B12	C	From Leg	4.00	0.0000	109.00	No Ice	1.97	1.41	0.07
			0.00			1/2"	2.14	1.56	0.09
			2.00			Ice	2.33	1.73	0.11
						1" Ice	2.72	2.07	0.16
						2" Ice			
DC6-48-60-18-8F	A	From Leg	4.00	0.0000	109.00	No Ice	0.92	0.92	0.02
			0.00			1/2"	1.46	1.46	0.04
			2.00			Ice	1.64	1.64	0.06
						1" Ice	2.04	2.04	0.11
						2" Ice			
DC6-48-60-18-8F	B	From Leg	4.00	0.0000	109.00	No Ice	0.92	0.92	0.02
			0.00			1/2"	1.46	1.46	0.04
			2.00			Ice	1.64	1.64	0.06
						1" Ice	2.04	2.04	0.11
						2" Ice			
DC6-48-60-18-8F	C	From Leg	4.00	0.0000	109.00	No Ice	0.92	0.92	0.02
			0.00			1/2"	1.46	1.46	0.04
			2.00			Ice	1.64	1.64	0.06
						1" Ice	2.04	2.04	0.11
						2" Ice			
6' x 2" Mount Pipe	A	From Leg	1.00	0.0000	109.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			3.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
6' x 2" Mount Pipe	B	From Leg	1.00	0.0000	109.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		C_AA_A *Front* ft^2	C_AA_A *Side* ft^2	*Weight* K
			3.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
6' x 2" Mount Pipe	C	From Leg	1.00	0.0000	109.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			3.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
Platform Mount [LP 714-1]	C	None		0.0000	109.00	No Ice	37.51	37.51	1.60
						1/2"	41.70	41.70	2.50
						Ice	45.89	45.89	3.46
						1" Ice	54.29	54.29	5.58
						2" Ice			
*******									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00	0.0000	101.00	No Ice	8.01	4.23	0.11
			0.00			1/2"	8.52	4.69	0.19
			0.00			Ice	9.04	5.16	0.29
						1" Ice	10.11	6.12	0.52
						2" Ice			
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00	0.0000	101.00	No Ice	8.01	4.23	0.11
			0.00			1/2"	8.52	4.69	0.19
			0.00			Ice	9.04	5.16	0.29
						1" Ice	10.11	6.12	0.52
						2" Ice			
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00	0.0000	101.00	No Ice	8.01	4.23	0.11
			0.00			1/2"	8.52	4.69	0.19
			0.00			Ice	9.04	5.16	0.29
						1" Ice	10.11	6.12	0.52
						2" Ice			
TA08025-B604	A	From Leg	4.00	0.0000	101.00	No Ice	1.96	0.98	0.06
			0.00			1/2"	2.14	1.11	0.08
			0.00			Ice	2.32	1.25	0.10
						1" Ice	2.71	1.55	0.15
						2" Ice			
TA08025-B604	B	From Leg	4.00	0.0000	101.00	No Ice	1.96	0.98	0.06
			0.00			1/2"	2.14	1.11	0.08
			0.00			Ice	2.32	1.25	0.10
						1" Ice	2.71	1.55	0.15
						2" Ice			
TA08025-B604	C	From Leg	4.00	0.0000	101.00	No Ice	1.96	0.98	0.06
			0.00			1/2"	2.14	1.11	0.08
			0.00			Ice	2.32	1.25	0.10
						1" Ice	2.71	1.55	0.15
						2" Ice			
TA08025-B605	A	From Leg	4.00	0.0000	101.00	No Ice	1.96	1.13	0.08
			0.00			1/2"	2.14	1.27	0.09
			0.00			Ice	2.32	1.41	0.11
						1" Ice	2.71	1.72	0.16
						2" Ice			
TA08025-B605	B	From Leg	4.00	0.0000	101.00	No Ice	1.96	1.13	0.08
			0.00			1/2"	2.14	1.27	0.09
			0.00			Ice	2.32	1.41	0.11
						1" Ice	2.71	1.72	0.16
						2" Ice			
TA08025-B605	C	From Leg	4.00	0.0000	101.00	No Ice	1.96	1.13	0.08
			0.00			1/2"	2.14	1.27	0.09
			0.00			Ice	2.32	1.41	0.11
						1" Ice	2.71	1.72	0.16
						2" Ice			
RDIDC-9181-PF-48	A	From Leg	4.00	0.0000	101.00	No Ice	2.01	1.17	0.02
			0.00			1/2"	2.19	1.31	0.04
			0.00			Ice	2.37	1.46	0.06
						1" Ice	2.76	1.78	0.11
						2" Ice			
(2) 8' x 2" Mount Pipe	A	From Leg	4.00	0.0000	101.00	No Ice	1.90	1.90	0.03

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft* *ft* *ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		*C_AA_A Front* *ft^2*	*C_AA_A Side* *ft^2*	*Weight* *K*
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
(2) 8' x 2" Mount Pipe	B	From Leg	4.00	0.0000	101.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
(2) 8' x 2" Mount Pipe	C	From Leg	4.00	0.0000	101.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
Commscope MC-PK8-DSH	C	None		0.0000	101.00	No Ice	34.24	34.24	1.75
						1/2"	62.95	62.95	2.10
						Ice	91.66	91.66	2.45
						1" Ice	149.08	149.08	3.15
						2" Ice			
******									
(2) SBNHH-1D65B	A	From Leg	4.00	0.0000	92.00	No Ice	4.16	2.49	0.04
			0.00			1/2"	4.57	2.88	0.09
			-1.00			Ice	4.99	3.27	0.15
						1" Ice	5.85	4.09	0.28
						2" Ice			
(2) SBNHH-1D65B	B	From Leg	4.00	0.0000	92.00	No Ice	4.16	2.49	0.04
			0.00			1/2"	4.57	2.88	0.09
			-1.00			Ice	4.99	3.27	0.15
						1" Ice	5.85	4.09	0.28
						2" Ice			
(2) SBNHH-1D65B	C	From Leg	4.00	0.0000	92.00	No Ice	4.16	2.49	0.04
			0.00			1/2"	4.57	2.88	0.09
			-1.00			Ice	4.99	3.27	0.15
						1" Ice	5.85	4.09	0.28
						2" Ice			
(2) RC2DC-3315-PF-48	A	From Leg	4.00	0.0000	92.00	No Ice	3.79	2.51	0.03
			0.00			1/2"	4.04	2.72	0.06
			-1.00			Ice	4.30	2.94	0.10
						1" Ice	4.84	3.41	0.18
						2" Ice			
8' x 2" Mount Pipe	A	From Leg	4.00	0.0000	92.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
8' x 2" Mount Pipe	B	From Leg	4.00	0.0000	92.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
8' x 2" Mount Pipe	C	From Leg	4.00	0.0000	92.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
Side-By-Side Mounting Kit	A	From Leg	4.00	0.0000	92.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			-1.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
Side-By-Side Mounting Kit	B	From Leg	4.00	0.0000	92.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			-1.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Side-By-Side Mounting Kit	C	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
Platform Mount [LP 602-1]	C	None		0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	31.07 34.82 38.48 45.60	31.07 34.82 38.48 45.60	1.34 1.97 2.67 4.31
***									
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
RF4439D-25A	A	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4439D-25A	B	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4439D-25A	C	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4440D-13A	A	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RF4440D-13A	B	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RF4440D-13A	C	From Leg	4.00 0.00 -1.00	0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
Mount Reinforcement Specifications	C	None		0.0000	92.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.63 37.31 45.80 62.38	28.63 37.31 45.80 62.38	0.28 0.67 0.94 1.63
*******									
(4) DB844H90-XY w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	80.00	No Ice 1/2" Ice	2.24 2.61 2.99	3.34 3.73 4.13	0.04 0.07 0.12

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	3.78	4.97	0.23
						2" Ice			
(4) DB844H90-XY w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	80.00	No Ice	2.24	3.34	0.04
						1/2" Ice	2.61	3.73	0.07
						1" Ice	2.99	4.13	0.12
						2" Ice	3.78	4.97	0.23
(4) DB844H90-XY w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	80.00	No Ice	2.24	3.34	0.04
						1/2" Ice	2.61	3.73	0.07
						1" Ice	2.99	4.13	0.12
						2" Ice	3.78	4.97	0.23
Platform Mount [LP 1201-1]	C	None		0.0000	80.00	No Ice	18.38	18.38	2.10
						1/2" Ice	22.11	22.11	2.65
						1" Ice	25.87	25.87	3.26
						2" Ice	33.47	33.47	4.66
*******									
800MHZ 2X50W RRH W/FILTER	A	From Leg	0.50 0.00 -2.00	0.0000	74.00	No Ice	2.06	1.93	0.06
						1/2" Ice	2.24	2.11	0.09
						1" Ice	2.43	2.29	0.11
						2" Ice	2.83	2.68	0.17
800MHZ 2X50W RRH W/FILTER	B	From Leg	0.50 0.00 -2.00	0.0000	74.00	No Ice	2.06	1.93	0.06
						1/2" Ice	2.24	2.11	0.09
						1" Ice	2.43	2.29	0.11
						2" Ice	2.83	2.68	0.17
800MHZ 2X50W RRH W/FILTER	C	From Leg	0.50 0.00 -2.00	0.0000	74.00	No Ice	2.06	1.93	0.06
						1/2" Ice	2.24	2.11	0.09
						1" Ice	2.43	2.29	0.11
						2" Ice	2.83	2.68	0.17
PCS 1900MHZ 4X45W-65MHZ	A	From Leg	0.50 0.00 1.00	0.0000	74.00	No Ice	2.32	2.24	0.06
						1/2" Ice	2.53	2.44	0.08
						1" Ice	2.74	2.65	0.11
						2" Ice	3.19	3.09	0.17
PCS 1900MHZ 4X45W-65MHZ	B	From Leg	0.50 0.00 1.00	0.0000	74.00	No Ice	2.32	2.24	0.06
						1/2" Ice	2.53	2.44	0.08
						1" Ice	2.74	2.65	0.11
						2" Ice	3.19	3.09	0.17
PCS 1900MHZ 4X45W-65MHZ	C	From Leg	0.50 0.00 1.00	0.0000	74.00	No Ice	2.32	2.24	0.06
						1/2" Ice	2.53	2.44	0.08
						1" Ice	2.74	2.65	0.11
						2" Ice	3.19	3.09	0.17
Pipe Mount [PM 601-3]	C	None		0.0000	74.00	No Ice	3.17	3.17	0.20
						1/2" Ice	3.79	3.79	0.23
						1" Ice	4.42	4.42	0.28
						2" Ice	5.76	5.76	0.40
Side Arm Mount [SO 102-1]	C	None		0.0000	74.00	No Ice	1.50	1.50	0.03
						1/2" Ice	1.74	1.74	0.04
						1" Ice	1.98	1.98	0.04
						2" Ice	2.46	2.46	0.07
******									
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	69.00	No Ice	4.09	2.86	0.08
						1/2" Ice	4.48	3.23	0.13
						1" Ice	4.88	3.61	0.19
						2" Ice	5.71	4.40	0.33
APXVTM14-C-120 w/	B	From Leg	4.00	0.0000	69.00	No Ice	4.09	2.86	0.08

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment ° °	Placement ft ft		C_AA_A Front ft^2 ft^2	C_AA_A Side ft^2 ft^2	Weight K K
Mount Pipe			0.00 2.00			1/2" Ice 1" Ice 2" Ice	4.48 4.88 5.71	3.23 3.61 4.40	0.13 0.19 0.33
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXV9ERR18-C-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
APXV9ERR18-C-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
TD-RRH8X20-25	A	From Leg	4.00 0.00 3.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.05 4.30 4.56 5.10	1.53 1.71 1.90 2.30	0.07 0.10 0.13 0.20
TD-RRH8X20-25	B	From Leg	4.00 0.00 3.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.05 4.30 4.56 5.10	1.53 1.71 1.90 2.30	0.07 0.10 0.13 0.20
TD-RRH8X20-25	C	From Leg	4.00 0.00 3.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.05 4.30 4.56 5.10	1.53 1.71 1.90 2.30	0.07 0.10 0.13 0.20
8' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
8' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
8' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
Platform Mount [LP 1201-1]	C	None		0.0000	69.00	No Ice 1/2" Ice 1" Ice 2" Ice	18.38 22.11 25.87 33.47	18.38 22.11 25.87 33.47	2.10 2.65 3.26 4.66
******									
APX18-206516L w/ Mount Pipe	A	From Leg	0.50 0.00 0.00	0.0000	62.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.55 2.96 3.38 4.26	2.15 2.55 2.96 3.83	0.05 0.08 0.11 0.21

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
APX18-206516L w/ Mount Pipe	B	From Leg	0.50 0.00 0.00	0.0000	62.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.55 2.96 3.38 4.26	2.15 2.55 2.96 3.83	0.05 0.08 0.11 0.21
APX18-206516L w/ Mount Pipe	C	From Leg	0.50 0.00 0.00	0.0000	62.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.55 2.96 3.38 4.26	2.15 2.55 2.96 3.83	0.05 0.08 0.11 0.21
******									

Load Combinations

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

Comb. No.	Description
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	109 - 95	Pole	Max Tension	26	0.00	-0.00	-0.00
			Max. Compression	26	-19.25	0.47	-0.02
			Max. Mx	20	-8.14	136.42	-0.05
			Max. My	14	-8.13	0.20	-136.46
			Max. Vy	20	-11.24	136.42	-0.05
			Max. Vx	14	11.27	0.20	-136.46
			Max. Torque	24			0.28
L2	95 - 48.08	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-53.42	1.37	0.49
			Max. Mx	20	-25.93	962.49	-0.00
			Max. My	2	-25.92	0.43	966.95
			Max. Vy	20	-24.06	962.49	-0.00
			Max. Vx	14	24.18	0.43	-966.94
			Max. Torque	9			0.94
L3	48.08 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-73.67	2.89	-2.39
			Max. Mx	20	-40.99	2334.54	-0.84
			Max. My	14	-40.99	0.80	-2345.75
			Max. Vy	20	-27.51	2334.54	-0.84
			Max. Vx	14	27.62	0.80	-2345.75
			Max. Torque	9			0.94

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	33	73.67	0.00	-8.39
	Max. H_x	20	41.02	27.47	0.00
	Max. H_z	2	41.02	0.00	27.58
	Max. M_x	2	2344.07	0.00	27.58
	Max. M_z	8	2332.94	-27.47	0.00
	Max. Torsion	9	0.93	-27.47	0.00
	Min. Vert	7	30.76	-23.79	13.79
	Min. H_x	8	41.02	-27.47	0.00
	Min. H_z	14	41.02	0.00	-27.58
	Min. M_x	14	-2345.75	0.00	-27.58
	Min. M_z	20	-2334.54	27.47	0.00
	Min. Torsion	21	-0.93	27.47	0.00

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	34.18	0.00	0.00	0.69	0.64	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	41.02	-0.00	-27.58	-2344.07	0.80	-0.24
0.9 Dead+1.0 Wind 0 deg - No Ice	30.76	-0.00	-27.58	-2324.05	0.59	-0.24
1.2 Dead+1.0 Wind 30 deg - No Ice	41.02	13.73	-23.89	-2029.92	-1166.07	-0.67
0.9 Dead+1.0 Wind 30 deg - No Ice	30.76	13.73	-23.89	-2012.60	-1156.20	-0.67

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 60 deg - No Ice	41.02	23.79	-13.79	-1171.62	-2020.28	-0.93
0.9 Dead+1.0 Wind 60 deg - No Ice	30.76	23.79	-13.79	-1161.71	-2003.04	-0.93
1.2 Dead+1.0 Wind 90 deg - No Ice	41.02	27.47	-0.00	0.84	-2332.94	-0.93
0.9 Dead+1.0 Wind 90 deg - No Ice	30.76	27.47	-0.00	0.63	-2313.00	-0.93
1.2 Dead+1.0 Wind 120 deg - No Ice	41.02	23.79	13.79	1173.31	-2020.27	-0.69
0.9 Dead+1.0 Wind 120 deg - No Ice	30.76	23.79	13.79	1162.97	-2003.03	-0.69
1.2 Dead+1.0 Wind 150 deg - No Ice	41.02	13.73	23.89	2031.60	-1166.06	-0.26
0.9 Dead+1.0 Wind 150 deg - No Ice	30.76	13.73	23.89	2013.86	-1156.20	-0.26
1.2 Dead+1.0 Wind 180 deg - No Ice	41.02	-0.00	27.58	2345.75	0.80	0.24
0.9 Dead+1.0 Wind 180 deg - No Ice	30.76	-0.00	27.58	2325.30	0.59	0.24
1.2 Dead+1.0 Wind 210 deg - No Ice	41.02	-13.73	23.89	2031.60	1167.66	0.67
0.9 Dead+1.0 Wind 210 deg - No Ice	30.76	-13.73	23.89	2013.86	1157.38	0.67
1.2 Dead+1.0 Wind 240 deg - No Ice	41.02	-23.79	13.79	1173.31	2021.87	0.93
0.9 Dead+1.0 Wind 240 deg - No Ice	30.76	-23.79	13.79	1162.97	2004.22	0.93
1.2 Dead+1.0 Wind 270 deg - No Ice	41.02	-27.47	-0.00	0.84	2334.54	0.93
0.9 Dead+1.0 Wind 270 deg - No Ice	30.76	-27.47	-0.00	0.63	2314.19	0.93
1.2 Dead+1.0 Wind 300 deg - No Ice	41.02	-23.79	-13.79	-1171.62	2021.88	0.69
0.9 Dead+1.0 Wind 300 deg - No Ice	30.76	-23.79	-13.79	-1161.71	2004.22	0.69
1.2 Dead+1.0 Wind 330 deg - No Ice	41.02	-13.73	-23.89	-2029.92	1167.67	0.26
0.9 Dead+1.0 Wind 330 deg - No Ice	30.76	-13.73	-23.89	-2012.60	1157.39	0.26
1.2 Dead+1.0 Ice+1.0 Temp	73.67	-0.00	-0.00	2.39	2.89	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	73.67	-0.00	-8.39	-730.12	3.10	-0.18
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	73.67	4.18	-7.26	-631.97	-361.99	-0.23
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	73.67	7.24	-4.19	-363.84	-629.26	-0.22
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	73.67	8.36	0.00	2.44	-727.09	-0.15
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	73.67	7.24	4.19	368.71	-629.26	-0.04
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	73.67	4.18	7.26	636.84	-361.99	0.08
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	73.67	-0.00	8.39	734.99	3.10	0.18
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	73.67	-4.18	7.26	636.84	368.20	0.23
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	73.67	-7.24	4.19	368.71	635.46	0.22
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	73.67	-8.36	0.00	2.44	733.29	0.15
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	73.67	-7.24	-4.19	-363.84	635.46	0.04
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	73.67	-4.18	-7.26	-631.97	368.20	-0.08
Dead+Wind 0 deg - Service	34.18	0.00	-6.95	-587.56	0.66	-0.06
Dead+Wind 30 deg - Service	34.18	3.46	-6.02	-508.75	-292.06	-0.17
Dead+Wind 60 deg - Service	34.18	6.00	-3.48	-293.43	-506.35	-0.23
Dead+Wind 90 deg - Service	34.18	6.93	0.00	0.70	-584.78	-0.24

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead+Wind 120 deg - Service	34.18	6.00	3.48	294.82	-506.35	-0.17
Dead+Wind 150 deg - Service	34.18	3.46	6.02	510.14	-292.06	-0.07
Dead+Wind 180 deg - Service	34.18	0.00	6.95	588.95	0.66	0.06
Dead+Wind 210 deg - Service	34.18	-3.46	6.02	510.14	293.39	0.17
Dead+Wind 240 deg - Service	34.18	-6.00	3.48	294.82	507.68	0.23
Dead+Wind 270 deg - Service	34.18	-6.93	0.00	0.70	586.11	0.24
Dead+Wind 300 deg - Service	34.18	-6.00	-3.48	-293.43	507.68	0.17
Dead+Wind 330 deg - Service	34.18	-3.46	-6.02	-508.75	293.39	0.07

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-34.18	0.00	0.00	34.18	0.00	0.000%
2	0.00	-41.02	-27.58	0.00	41.02	27.58	0.000%
3	0.00	-30.76	-27.58	0.00	30.76	27.58	0.000%
4	13.73	-41.02	-23.89	-13.73	41.02	23.89	0.000%
5	13.73	-30.76	-23.89	-13.73	30.76	23.89	0.000%
6	23.79	-41.02	-13.79	-23.79	41.02	13.79	0.000%
7	23.79	-30.76	-13.79	-23.79	30.76	13.79	0.000%
8	27.47	-41.02	0.00	-27.47	41.02	0.00	0.000%
9	27.47	-30.76	0.00	-27.47	30.76	0.00	0.000%
10	23.79	-41.02	13.79	-23.79	41.02	-13.79	0.000%
11	23.79	-30.76	13.79	-23.79	30.76	-13.79	0.000%
12	13.73	-41.02	23.89	-13.73	41.02	-23.89	0.000%
13	13.73	-30.76	23.89	-13.73	30.76	-23.89	0.000%
14	0.00	-41.02	27.58	0.00	41.02	-27.58	0.000%
15	0.00	-30.76	27.58	0.00	30.76	-27.58	0.000%
16	-13.73	-41.02	23.89	13.73	41.02	-23.89	0.000%
17	-13.73	-30.76	23.89	13.73	30.76	-23.89	0.000%
18	-23.79	-41.02	13.79	23.79	41.02	-13.79	0.000%
19	-23.79	-30.76	13.79	23.79	30.76	-13.79	0.000%
20	-27.47	-41.02	0.00	27.47	41.02	0.00	0.000%
21	-27.47	-30.76	0.00	27.47	30.76	0.00	0.000%
22	-23.79	-41.02	-13.79	23.79	41.02	13.79	0.000%
23	-23.79	-30.76	-13.79	23.79	30.76	13.79	0.000%
24	-13.73	-41.02	-23.89	13.73	41.02	23.89	0.000%
25	-13.73	-30.76	-23.89	13.73	30.76	23.89	0.000%
26	0.00	-73.67	0.00	0.00	73.67	0.00	0.000%
27	0.00	-73.67	-8.39	0.00	73.67	8.39	0.000%
28	4.18	-73.67	-7.26	-4.18	73.67	7.26	0.000%
29	7.24	-73.67	-4.19	-7.24	73.67	4.19	0.000%
30	8.36	-73.67	0.00	-8.36	73.67	0.00	0.000%
31	7.24	-73.67	4.19	-7.24	73.67	-4.19	0.000%
32	4.18	-73.67	7.26	-4.18	73.67	-7.26	0.000%
33	0.00	-73.67	8.39	0.00	73.67	-8.39	0.000%
34	-4.18	-73.67	7.26	4.18	73.67	-7.26	0.000%
35	-7.24	-73.67	4.19	7.24	73.67	-4.19	0.000%
36	-8.36	-73.67	0.00	8.36	73.67	0.00	0.000%
37	-7.24	-73.67	-4.19	7.24	73.67	4.19	0.000%
38	-4.18	-73.67	-7.26	4.18	73.67	7.26	0.000%
39	0.00	-34.18	-6.95	0.00	34.18	6.95	0.000%
40	3.46	-34.18	-6.02	-3.46	34.18	6.02	0.000%
41	6.00	-34.18	-3.48	-6.00	34.18	3.48	0.000%
42	6.93	-34.18	0.00	-6.93	34.18	0.00	0.000%
43	6.00	-34.18	3.48	-6.00	34.18	-3.48	0.000%
44	3.46	-34.18	6.02	-3.46	34.18	-6.02	0.000%
45	0.00	-34.18	6.95	0.00	34.18	-6.95	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
46	-3.46	-34.18	6.02	3.46	34.18	-6.02	0.000%
47	-6.00	-34.18	3.48	6.00	34.18	-3.48	0.000%
48	-6.93	-34.18	0.00	6.93	34.18	0.00	0.000%
49	-6.00	-34.18	-3.48	6.00	34.18	3.48	0.000%
50	-3.46	-34.18	-6.02	3.46	34.18	6.02	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00019699
3	Yes	4	0.00000001	0.00011748
4	Yes	5	0.00000001	0.00035508
5	Yes	5	0.00000001	0.00016191
6	Yes	5	0.00000001	0.00037352
7	Yes	5	0.00000001	0.00017104
8	Yes	4	0.00000001	0.00047879
9	Yes	4	0.00000001	0.00030952
10	Yes	5	0.00000001	0.00035604
11	Yes	5	0.00000001	0.00016239
12	Yes	5	0.00000001	0.00036516
13	Yes	5	0.00000001	0.00016686
14	Yes	4	0.00000001	0.00019706
15	Yes	4	0.00000001	0.00011751
16	Yes	5	0.00000001	0.00037232
17	Yes	5	0.00000001	0.00017021
18	Yes	5	0.00000001	0.00035350
19	Yes	5	0.00000001	0.00016107
20	Yes	4	0.00000001	0.00047916
21	Yes	4	0.00000001	0.00030969
22	Yes	5	0.00000001	0.00037051
23	Yes	5	0.00000001	0.00016947
24	Yes	5	0.00000001	0.00036175
25	Yes	5	0.00000001	0.00016501
26	Yes	4	0.00000001	0.00000466
27	Yes	5	0.00000001	0.00016809
28	Yes	5	0.00000001	0.00022974
29	Yes	5	0.00000001	0.00023287
30	Yes	5	0.00000001	0.00016651
31	Yes	5	0.00000001	0.00023116
32	Yes	5	0.00000001	0.00023026
33	Yes	5	0.00000001	0.00016817
34	Yes	5	0.00000001	0.00023611
35	Yes	5	0.00000001	0.00023235
36	Yes	5	0.00000001	0.00016813
37	Yes	5	0.00000001	0.00023378
38	Yes	5	0.00000001	0.00023528
39	Yes	4	0.00000001	0.00002232
40	Yes	4	0.00000001	0.00017093
41	Yes	4	0.00000001	0.00019984
42	Yes	4	0.00000001	0.00003820
43	Yes	4	0.00000001	0.00017241
44	Yes	4	0.00000001	0.00018521
45	Yes	4	0.00000001	0.00002234
46	Yes	4	0.00000001	0.00019722
47	Yes	4	0.00000001	0.00016981
48	Yes	4	0.00000001	0.00003831
49	Yes	4	0.00000001	0.00019455
50	Yes	4	0.00000001	0.00018015

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	109 - 95	12.434	45	0.9584	0.0014
L2	95 - 48.08	9.684	45	0.9035	0.0013
L3	53 - 0	3.106	45	0.5392	0.0004

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
109.00	Lighting Rod 1" x 12'	45	12.434	0.9584	0.0014	31476
101.00	MX08FRO665-21 w/ Mount Pipe	45	10.849	0.9303	0.0014	19672
92.00	(2) SBNHH-1D65B	45	9.114	0.8870	0.0013	10058
80.00	(4) DB844H90-XY w/ Mount Pipe	45	6.955	0.8011	0.0011	7033
74.00	800MHZ 2X50W RRH W/FILTER	45	5.962	0.7487	0.0010	6116
69.00	APXVTM14-C-120 w/ Mount Pipe	45	5.189	0.7016	0.0008	5516
62.00	APX18-206516L w/ Mount Pipe	45	4.199	0.6319	0.0006	4849

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	109 - 95	49.580	14	3.8232	0.0055
L2	95 - 48.08	38.614	14	3.6054	0.0052
L3	53 - 0	12.381	14	2.1506	0.0016

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
109.00	Lighting Rod 1" x 12'	14	49.580	3.8232	0.0055	8006
101.00	MX08FRO665-21 w/ Mount Pipe	14	43.261	3.7118	0.0054	5003
92.00	(2) SBNHH-1D65B	14	36.343	3.5397	0.0051	2552
80.00	(4) DB844H90-XY w/ Mount Pipe	14	27.732	3.1970	0.0044	1775
74.00	800MHZ 2X50W RRH W/FILTER	14	23.774	2.9878	0.0038	1541
69.00	APXVTM14-C-120 w/ Mount Pipe	14	20.689	2.7994	0.0033	1388
62.00	APX18-206516L w/ Mount Pipe	14	16.740	2.5210	0.0025	1219

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	109 - 95 (1)	TP26.715x23.476x0.1875	14.00	0.00	0.0	15.7872	-8.13	923.55	0.009
L2	95 - 48.08 (2)	TP37.573x26.715x0.3125	46.92	0.00	0.0	35.8284	-25.92	2095.96	0.012
L3	48.08 - 0 (3)	TP48.075x35.8094x0.375	53.00	0.00	0.0	56.7749	-40.99	3321.33	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	109 - 95 (1)	TP26.715x23.476x0.1875	136.51	565.78	0.241	0.00	565.78	0.000
L2	95 - 48.08 (2)	TP37.573x26.715x0.3125	966.95	1873.95	0.516	0.00	1873.95	0.000
L3	48.08 - 0 (3)	TP48.075x35.8094x0.375	2345.75	3803.96	0.617	0.00	3803.96	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	109 - 95 (1)	TP26.715x23.476x0.1875	11.26	277.07	0.041	0.25	643.66	0.000
L2	95 - 48.08 (2)	TP37.573x26.715x0.3125	24.18	628.79	0.038	0.24	1989.10	0.000
L3	48.08 - 0 (3)	TP48.075x35.8094x0.375	27.62	996.40	0.028	0.24	4162.29	0.000

Pole Interaction Design Data

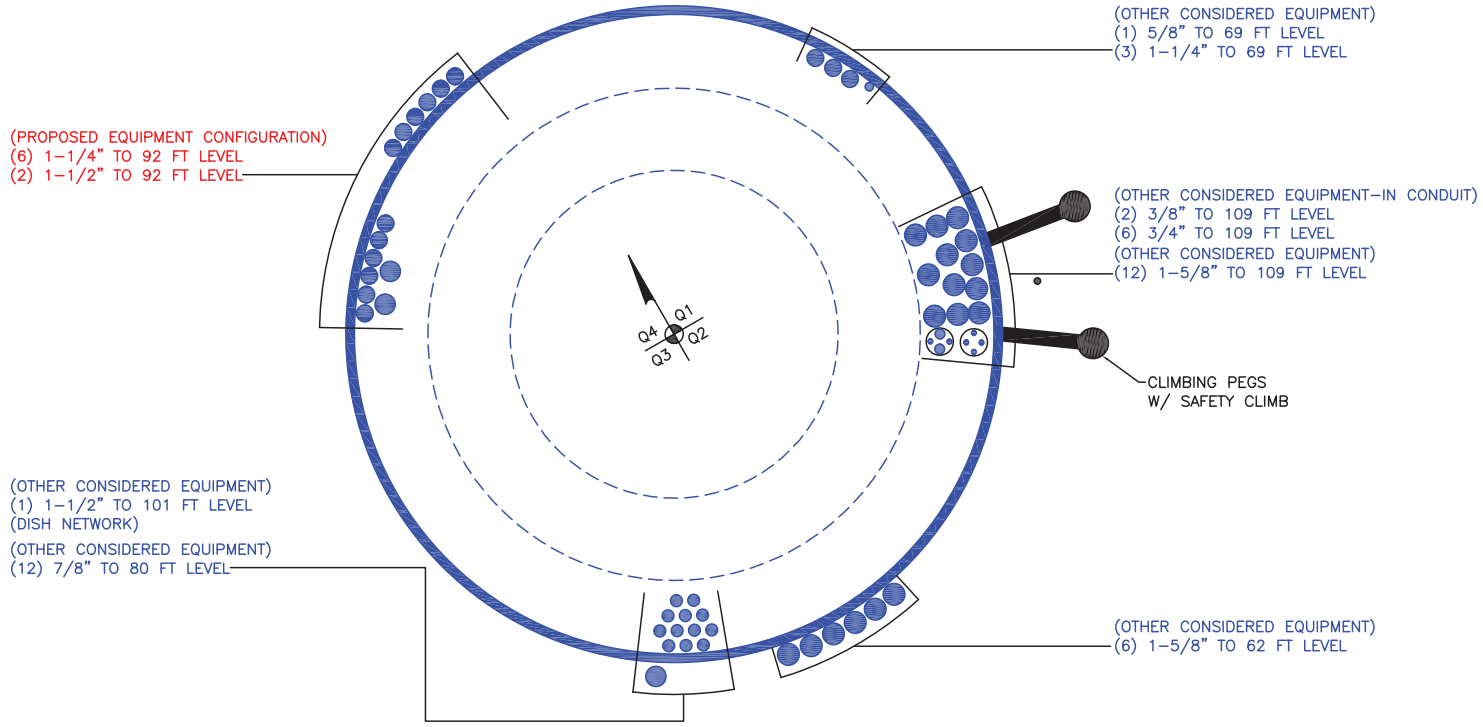
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	109 - 95 (1)	0.009	0.241	0.000	0.041	0.000	0.252	1.050	4.8.2
L2	95 - 48.08 (2)	0.012	0.516	0.000	0.038	0.000	0.530	1.050	4.8.2
L3	48.08 - 0 (3)	0.012	0.617	0.000	0.028	0.000	0.630	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	109 - 95	Pole	TP26.715x23.476x0.1875	1	-8.13	969.73	24.0	Pass
L2	95 - 48.08	Pole	TP37.573x26.715x0.3125	2	-25.92	2200.76	50.5	Pass
L3	48.08 - 0	Pole	TP48.075x35.8094x0.375	3	-40.99	3487.40	60.0	Pass
							Summary	
						Pole (L3)	60.0	Pass
						RATING =	**60.0**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 5/8" TO 69 FT LEVEL
(3) 1-1/4" TO 69 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(6) 1-1/4" TO 92 FT LEVEL
(2) 1-1/2" TO 92 FT LEVEL
(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(2) 3/8" TO 109 FT LEVEL
(6) 3/4" TO 109 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(12) 1-5/8" TO 109 FT LEVEL
Q1
Q2
Q3
Q4
CLIMBING PEGS
W/ SAFETY CLIMB
(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 101 FT LEVEL
(DISH NETWORK)
(OTHER CONSIDERED EQUIPMENT)
(12) 7/8" TO 80 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 62 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

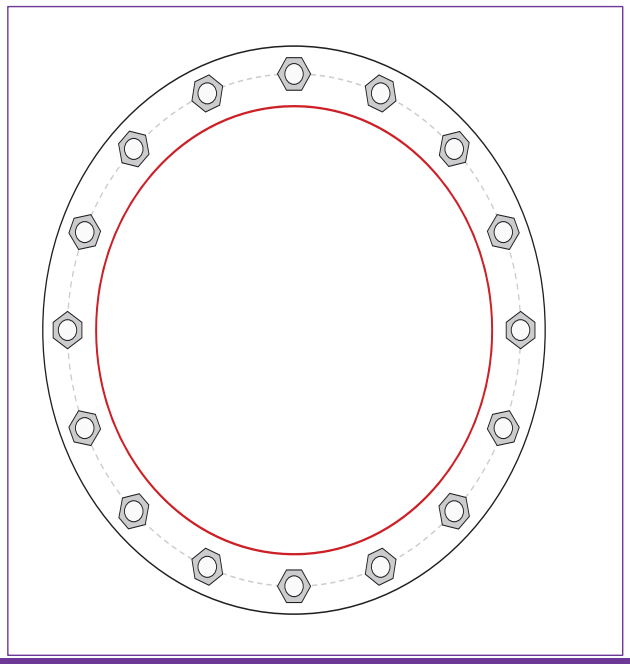
Monopole Base Plate Connection

Site Info	
BU #	801486
Site Name	T Suffield 2 CAC 80148
Order #	588815 Rev. 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	0.75

Applied Loads	
Moment (kip-ft)	2345.75
Axial Force (kips)	40.99
Shear Force (kips)	27.62

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 55" BC

Base Plate Data

61" OD x 2.75" Plate (A633 Gr. E; Fy=60 ksi, Fu=70 ksi)

Stiffener Data

N/A

Pole Data

48.075" x 0.375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 125.3	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.73	ϕVn = 149.1	**49.0%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	15.48	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**27.3%**	**Pass**

Monopole Flange Plate Connection

Elevation = 95 ft.

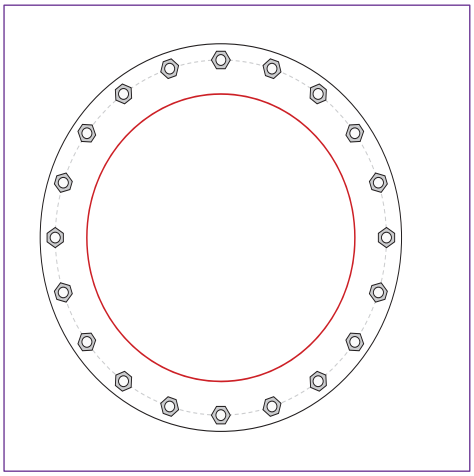
BU #	801486
Site Name	T Suffield 2 CAC 80148
Order #	588815 Rev. 1

TIA-222 Revision	H

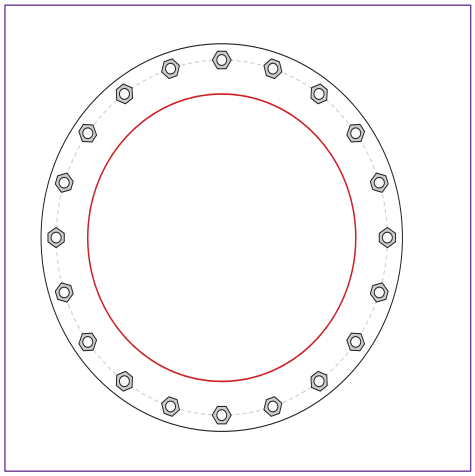
Applied Loads	
Moment (kip-ft)	136.51
Axial Force (kips)	8.13
Shear Force (kips)	11.26

**TIA-222-H Section 15.5 Applied*

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(20) 1" ø bolts (A325 N; Fy=92 ksi, Fu=120 ksi) on 33" BC

Top Plate Data

36" OD x 2.25" Plate (A633 Gr. E; Fy=60 ksi, Fu=70 ksi)

Bottom Plate Data

36" OD x 2.25" Plate (A633 Gr. E; Fy=60 ksi, Fu=70 ksi)

Top Stiffener Data

N/A

Bottom Stiffener Data

N/A

Top Pole Data

26.715" x 0.1875" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Bottom Pole Data

26.715" x 0.3125" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	9.52	
Allowable (kips)	54.53	
Stress Rating:	**16.6%**	**Pass**

Top Plate Capacity

Max Stress (ksi):	3.46	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	**6.1%**	**Pass**
Tension Side Stress Rating:	**4.1%**	**Pass**

Bottom Plate Capacity

Max Stress (ksi):	3.46	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	**6.1%**	**Pass**
Tension Side Stress Rating:	**4.1%**	**Pass**

Pier and Pad Foundation

BU # :	801486
Site Name:	CT Suffield 2 CAC
App. Number:	588815 Rev. 1

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	41.02	kips
Base Shear, Vu_comp:	27.58	kips
Moment, M_u:	2345.75	ft-kips
Tower Height, **H**:	109	ft
BP Dist. Above Fdn, bp_{dist}:	3	in

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, **dpier**:	6.5	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	9	
Pier Rebar Quantity, **mc**:	32	
Pier Tie/Spiral Size, **St**:	5	
Pier Tie/Spiral Quantity, **mt**:	9	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	6.5	ft
Pad Width, W_1:	26	ft
Pad Thickness, **T**:	2.5	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	22	
Pad Clear Cover, cc_{pad}:	3.5	in

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

Soil Properties		
Total Soil Unit Weight, γ:	115	pcf
Ultimate Gross Bearing, Qult:	8.000	ksf
Cohesion, **Cu**:	1.150	ksf
Friction Angle, φ:	0	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:		
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	733.50	27.58	**3.6%**	**Pass**
Bearing Pressure (ksf)	6.00	1.68	**26.7%**	**Pass**
*Overturning (kip*ft)*	6294.99	2545.71	**40.4%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	4653.47	2469.86	**50.5%**	**Pass**
Pier Compression (kip)	15840.27	67.90	**0.4%**	**Pass**
*Pad Flexure (kip*ft)*	2373.87	896.12	**36.0%**	**Pass**
Pad Shear - 1-way (kips)	635.91	136.95	**20.5%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.041	**23.5%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	2507.27	1481.92	**56.3%**	**Pass**

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

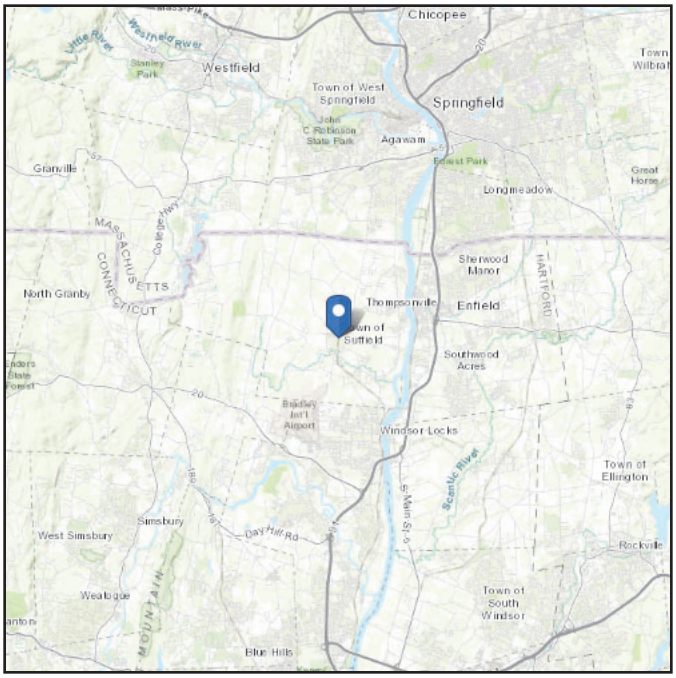
Structural Rating*:	**56.3%**
Soil Rating*:	**40.4%**

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 132.2 ft (NAVD 88)
Latitude: 41.980472
Longitude: -72.657278



Wind

Results:

Wind Speed:	116 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Fri Oct 01 2021

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

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

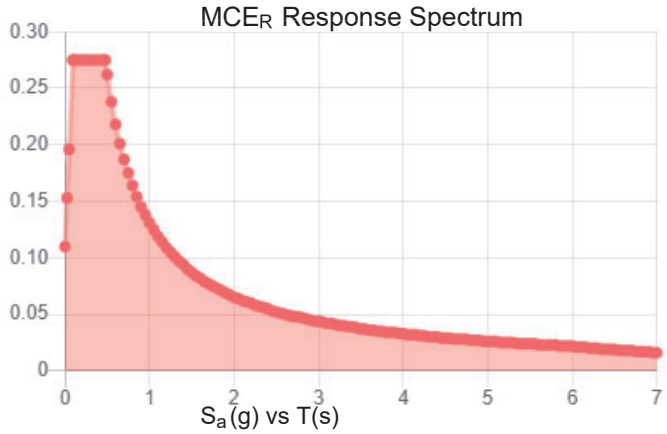
Seismic

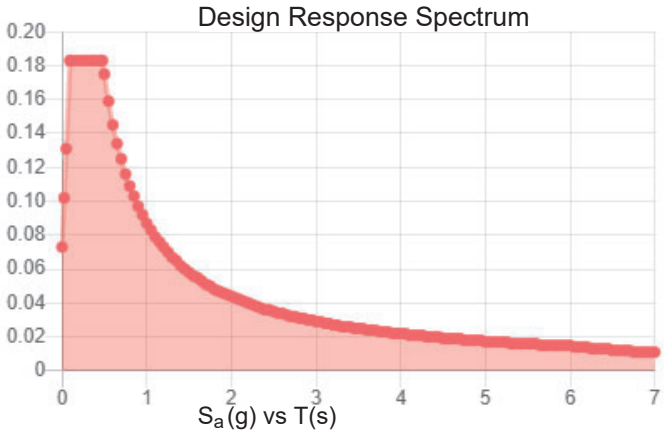
Site Soil Class: D - Stiff Soil

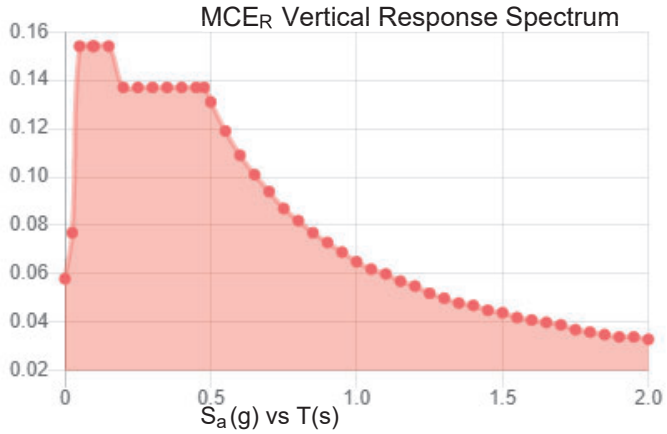
Results:

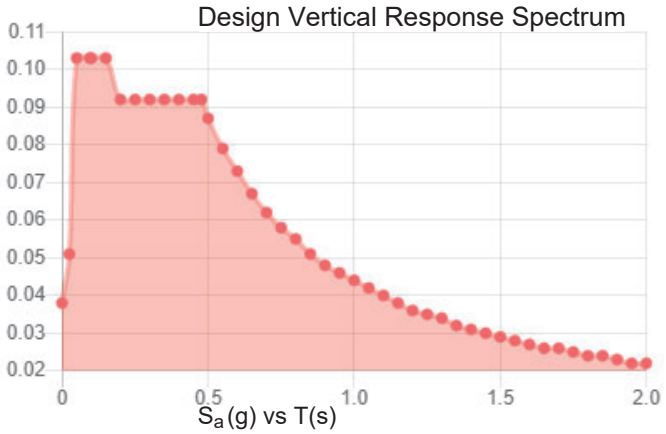
S_S :	0.172	S_{D1} :	0.087
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.09
F_v :	2.4	PGA_M :	0.144
S_{MS} :	0.275	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.183	C_v :	0.7

Seismic Design Category B









Data Accessed: Fri Oct 01 2021

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

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Fri Oct 01 2021

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

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

Exhibit E

Mount Analysis

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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10039634
Maser Consulting Connecticut Project #: 21777134A

September 3, 2021

Site Information	*Site ID:*	*469116-VZW / SUFFIELD 2 CT*
	Site Name:	*SUFFIELD 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*44 Fyler Place* *Suffield, Connecticut 06078* *Hartford County*
	Latitude:	*41.980374°*
	Longitude:	*-72.657313°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*13.08-Ft Platform*

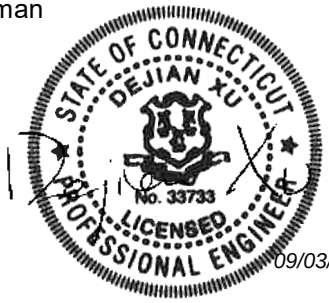
FUZE ID # 16272248

Analysis Results

Platform: **88.1% 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 may also be Noted on A & E drawings

Report Prepared By: Cody Sherman



09/03/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 675066, dated August 28, 2021*
Mount Mapping Report	*Hudson Design Group, LLC. Site ID: 469116, dated March 29, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	116 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.995
Seismic Parameters:	S_S:	0.172
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
88.00	90.00	3	Samsung	MT6407-77A	Added
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		6	Andrew	SBNHH-1D65B	Retained
		1	Raycap	RHSDC-3315-PF-48	
		1	Raycap	RHSDC-3315-PF-48*	

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

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal Pipe	12.0%	Pass
Standoff Horizontal	33.0%	Pass
End Plates	17.0%	Pass
Grating Angles	25.0%	Pass
Mount Pipes	33.0%	Pass
Cross Bracing Angle	33.0%	Pass
Support Rail	22.0%	Pass
Support Rail Connection Angle	24.0%	Pass
Mount Connection	88.1%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**88.1%**

Recommendation:

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

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

Attachments:

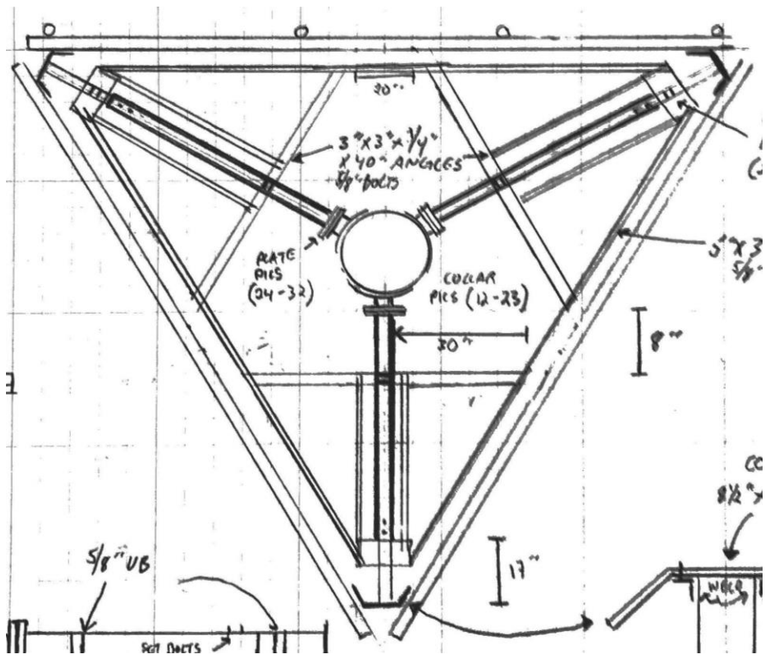
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter

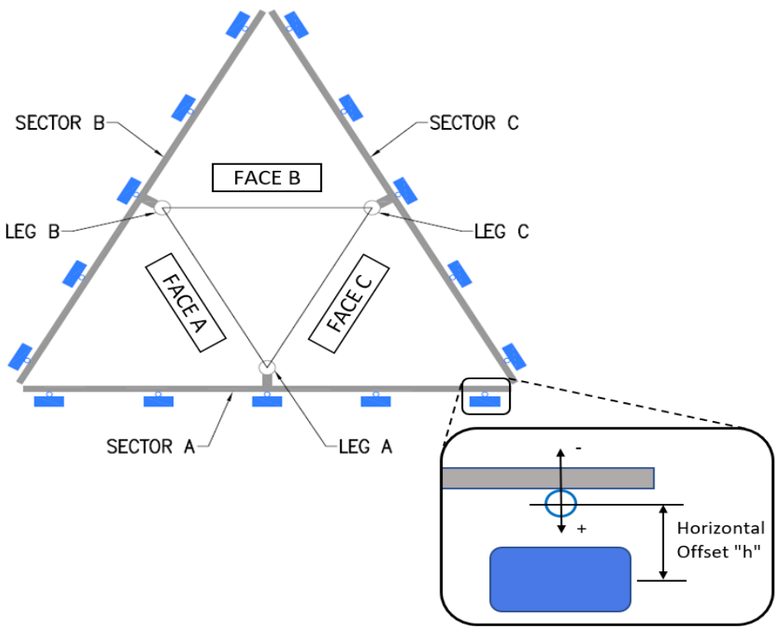
V3.0 Updated on 8-31-2020

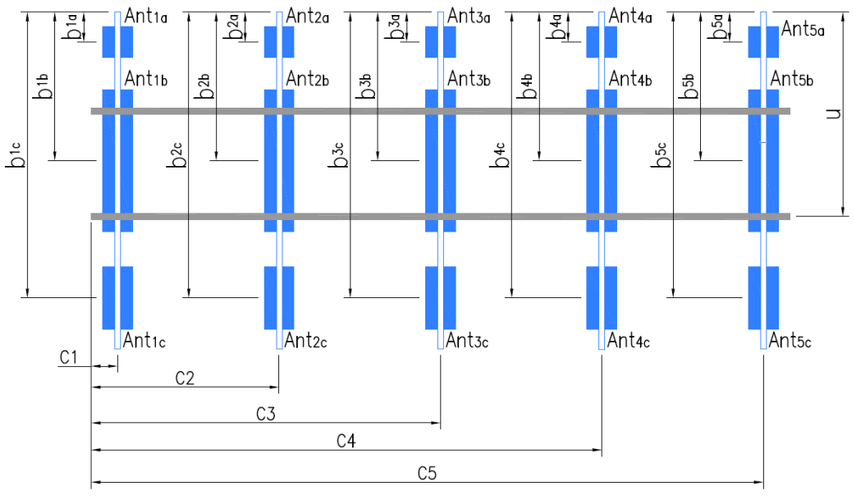
Antenna Mount Mapping Form (PATENT PENDING)

Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/29/2021
Site Name:	SUFFIELD 2 CT	**Tower Type:**	Monopole
Site Number or ID:	469116	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	91.5

FCC #







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 96" LONG	51.50	6.00	C1	2" STD. PIPE X 96" LONG	51.50	6.00
A2	2" STD. PIPE X 96" LONG	51.50	64.00	C2	2" STD. PIPE X 96" LONG	51.50	64.00
A3	2-1/2" STD. PIPE X 84" LONG	65.00	108.00	C3	2-1/2" STD. PIPE X 84" PIPE	65.00	108.00
A4	2" STD. PIPE X 96" LONG	51.50	151.00	C4	2" STD. PIPE X 96" LONG	51.50	151.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 96" LONG	51.50	6.00	D1			
B2	2" STD. PIPE X 96" LONG	51.50	64.00	D2			
B3	2-1/2" STD. PIPE X 84" LONG	65.00	108.00	D3			
B4	2" STD. PIPE X 96" LONG	51.50	151.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	48.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	8

Please enter additional infomation or comments below.

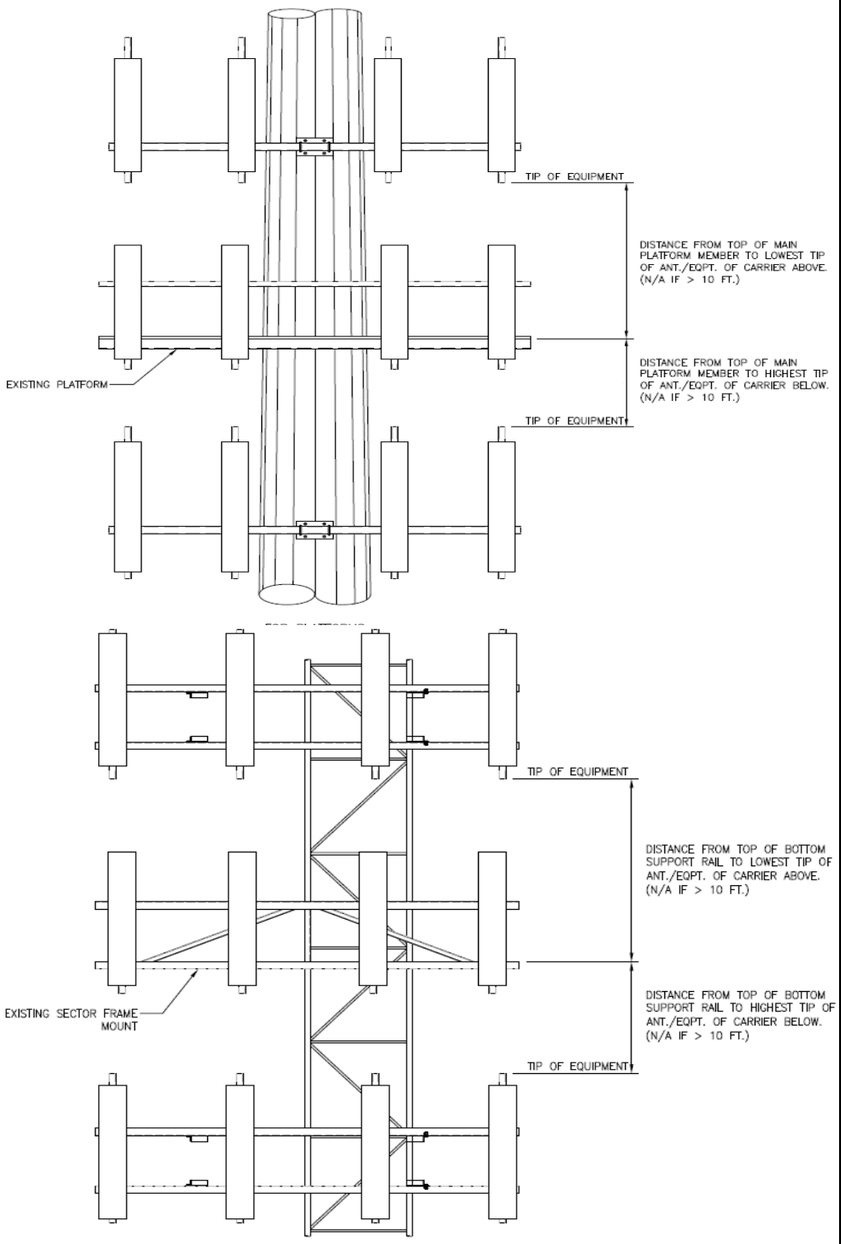
MONOPOLE WALL THICKNESS: 0.241

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	27.5

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	UNKNOWN	6.00	14.00	48.00		88.625	38.00	14.00	45.00	105,142
Ant_{1c}										
Ant_{2a}	B4 RRH2X60	11.00	6.00	36.00		89.375	29.00	-6.00		80,105, 142
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	21.00		90.3333	31.00	-7.00		81,143
Ant_{3b}	(2) SBNHH-1D65B	12.00	7.50	73.00		88.5	53.00	11.00	30.00	3,143
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		89.6667	25.50	-7.00		83
Ant_{4b}	UNKNOWN	6.00	14.00	48.00		88.625	38.00	14.00	45.00	144
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RHSDC-3315-PF-48	15.00	10.00	28.00			48.00	9.00		73-76
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

Climbing Facility Information			
Location:	86.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	UNKNOWN	6.50	9.00	44.00		88.4583	40.00	10.50	150.00	149
Ant_{1c}										
Ant_{2a}	B4 RRH2X60	11.00	6.00	36.00		89.375	29.00	-6.00		80,149
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	21.00		90.3333	31.00	-7.00		81,106, 149
Ant_{3b}	(2) SBNHH-1D65B	12.00	7.50	73.00		88.5	53.00	11.00	150.00	51,106, 150
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		89.6667	25.50	-7.00		83,106
Ant_{4b}	UNKNOWN	6.50	9.00	44.00		88.4583	40.00	10.50	160.00	106,151
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	UNKNOWN	6.50	9.00	44.00		88.4583	40.00	10.50	280.00	106,155
Ant_{1c}										
Ant_{2a}	B4 RRH2X60	11.00	6.00	36.00		89.375	29.00	-6.00		106,156
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.00	21.00		90.3333	31.00	-7.00		5,107, 156
Ant_{3b}	(2) SBNHH-1D65B	12.00	7.50	73.00		88.5	53.00	11.00	270.00	8,107, 157
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		89.6667	25.50	-7.00		83,105
Ant_{4b}	UNKNOWN	6.50	9.00	44.00		88.4583	40.00	10.50	265.00	105,158
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RHSDC-3315-PF-48	15.00	10.00	28.00			48.00	9.00		69-72
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2	(12) 1-1/4"Ø COAX, (2) 1-1/4"Ø HYBRID	131-133
3		
4		
5		
6		
7		
8		

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

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

Antenna Mount Mapping Form (PATENT PENDING)

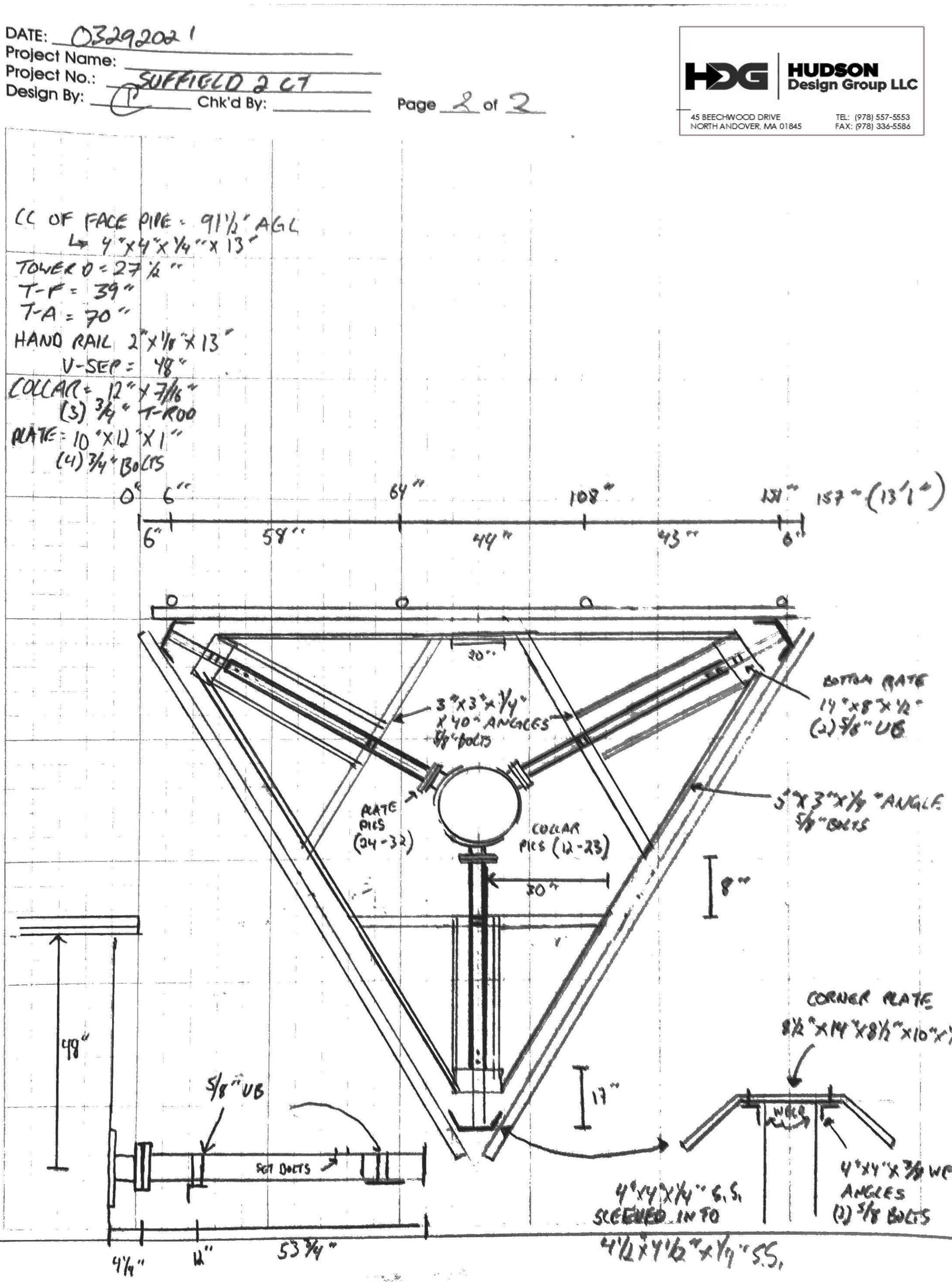
Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/29/2021
Site Name:	SUFFIELD 2 CT	**Tower Type:**	Monopole
Site Number or ID:	469116	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	91.5

FCC #

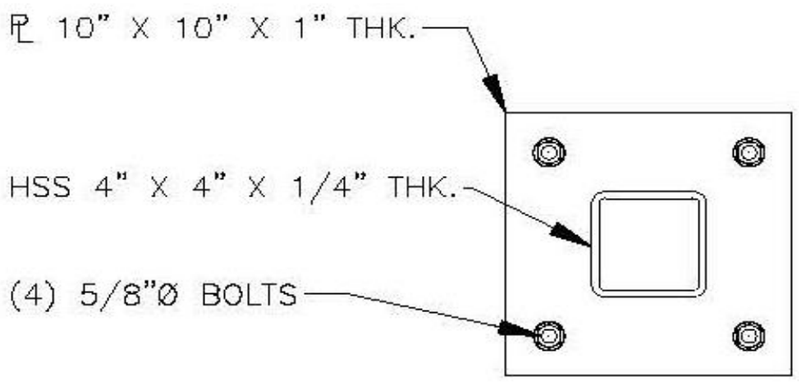
Please Insert Sketches of the Antenna Mount

DATE: 03292021
Project Name:
Project No.: SUFFIELD 2 CT
Design By: Chk'd By: Page 2 of 2

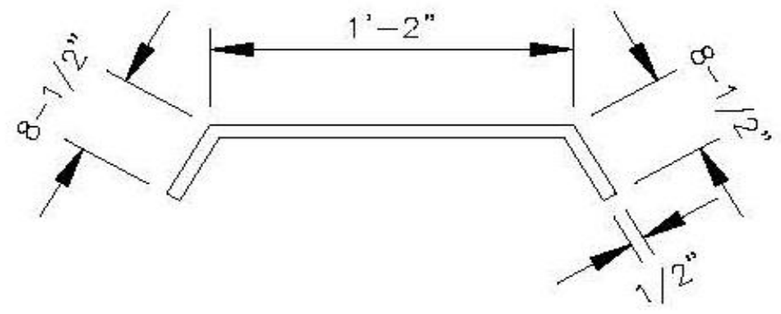
HUDSON Design Group LLC
45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845
TEL: (978) 557-5553 FAX: (978) 336-5586



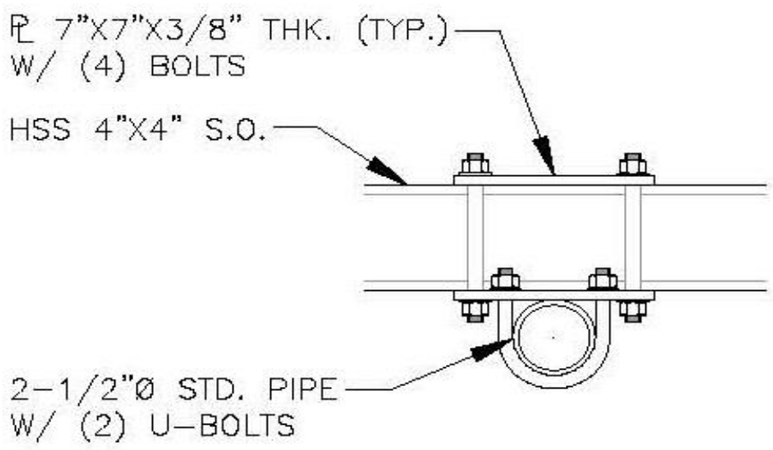
Please Insert Sketches of the Antenna Mount, cont'd



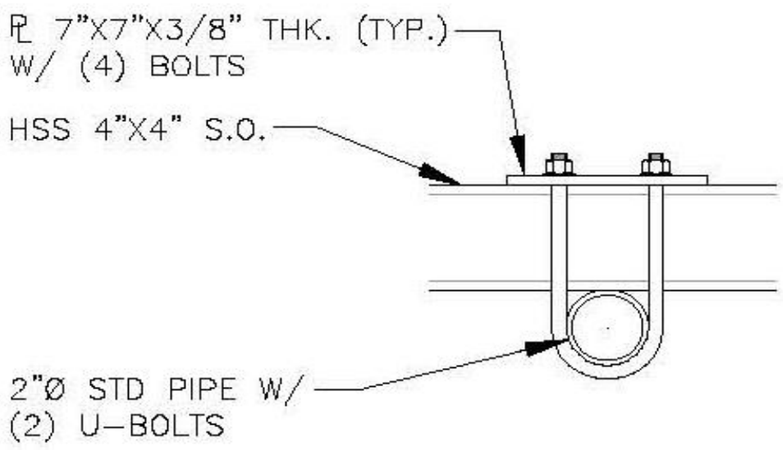
CONNECTION PLATE DETAIL



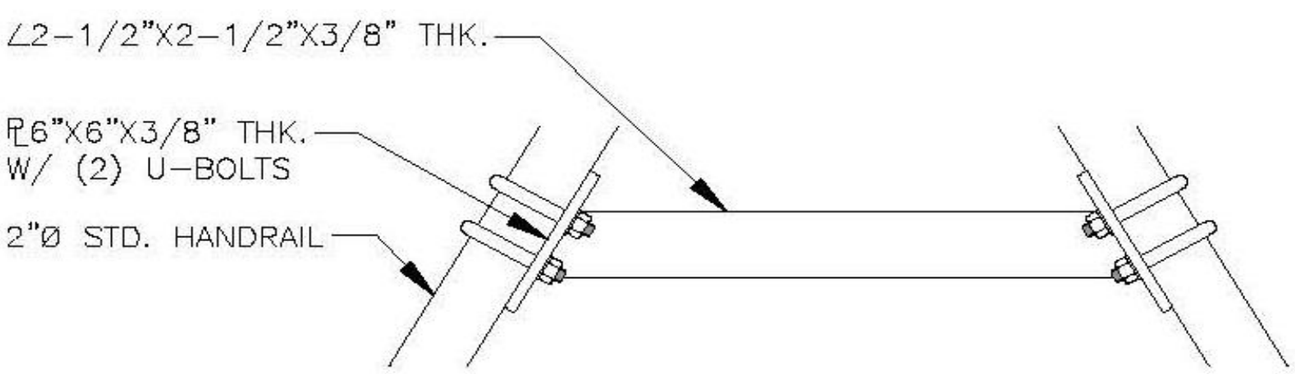
CORNER PLATE DETAIL



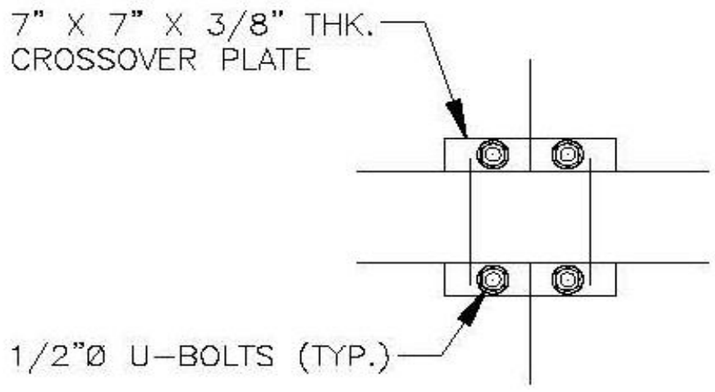
CROSSOVER PLATE DETAIL (1 PLS.)



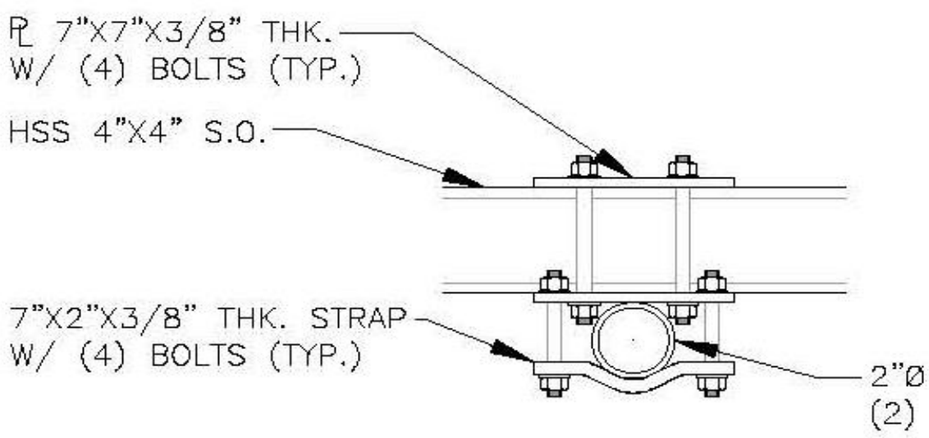
CROSSOVER PLATE DETAIL (TYP.)



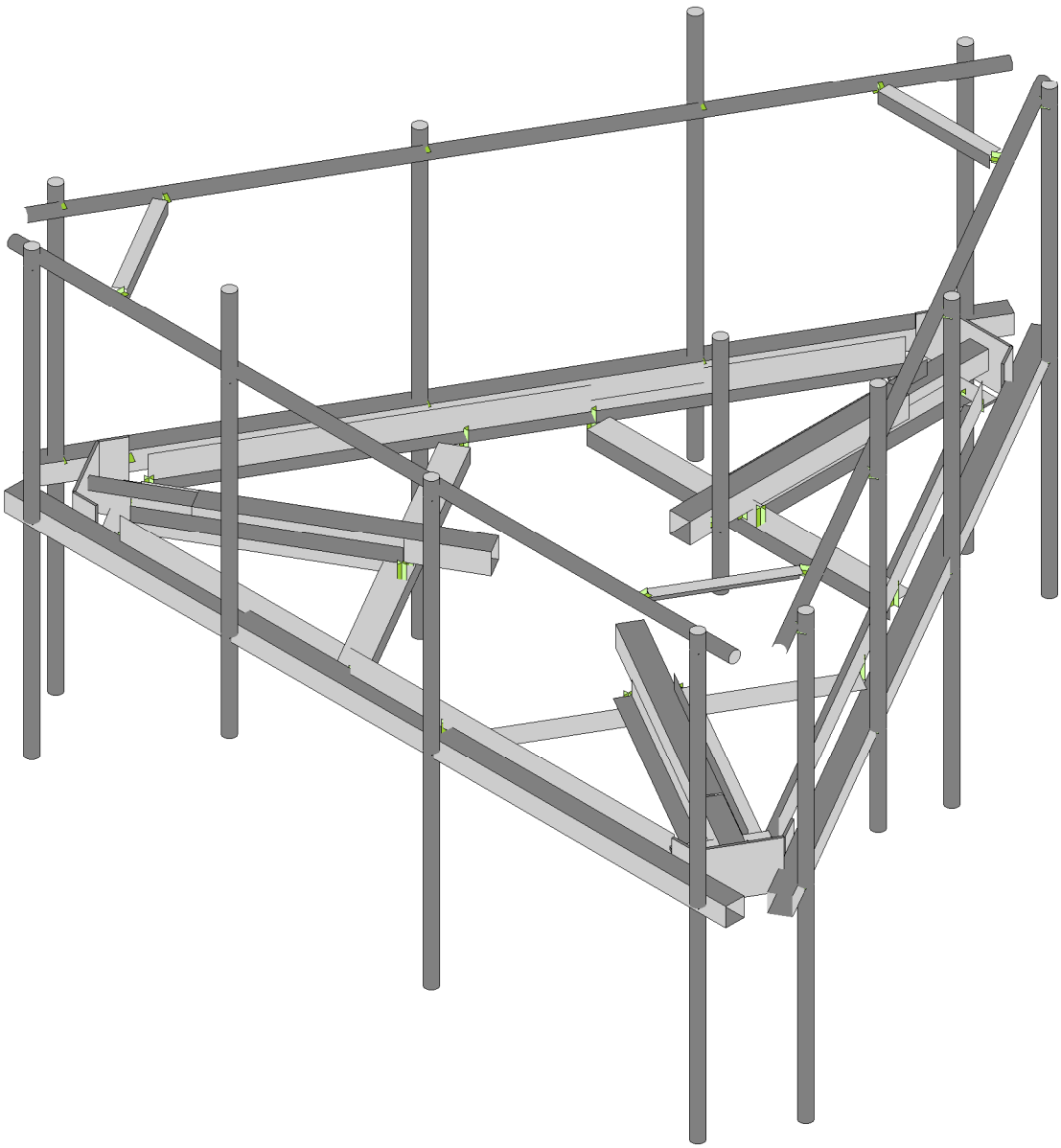
HANDRAIL APEX SUPPORT DETAIL



CROSSOVER PLATE DETAIL (H.R.)



S.O. MOUNT DETAIL



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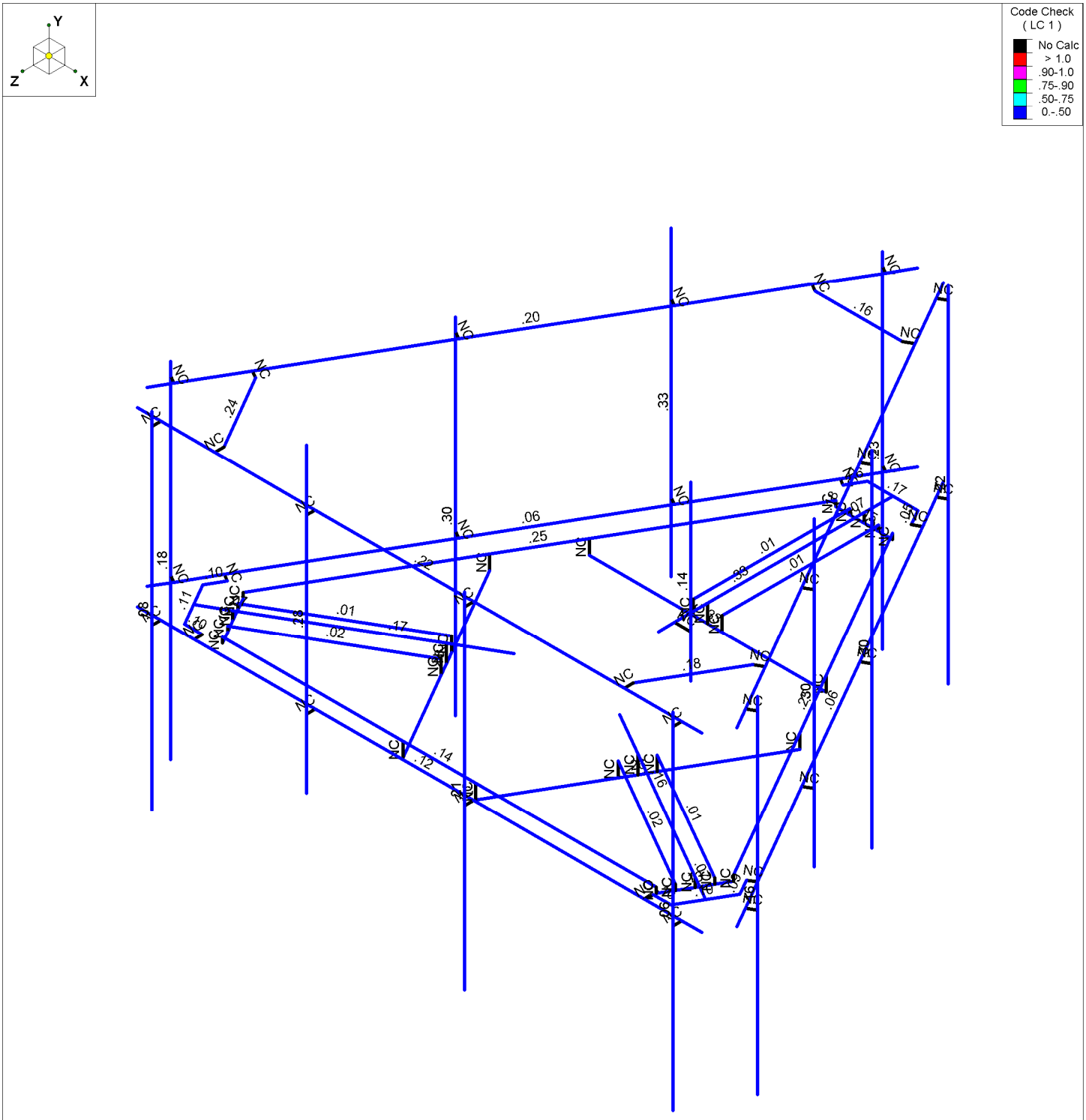
Project No. 10039634		469116-VZW_MT_LO_H.r3d



Member Code Checks Displayed
Results for LC 1, 1.2D+1.0Wo (0 Deg)

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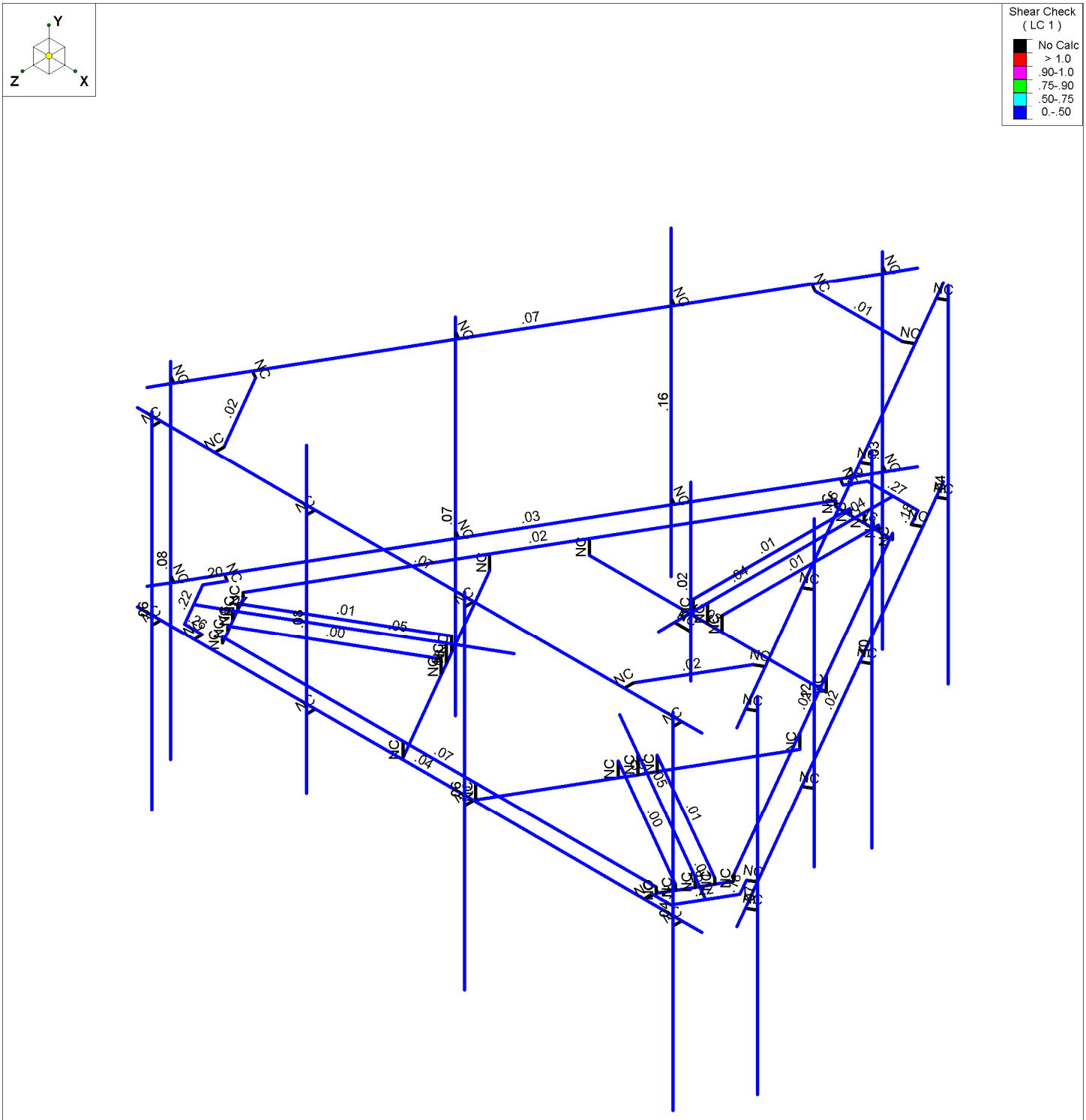
CMS		Sept 3, 2021 at 12:31 PM
Project No. 10039634		469116-VZW_MT_LO_H.r3d



Member Shear Checks Displayed
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Maser Consulting	469116-VZW_MT_LO_H	SK - 3
CMS		Sept 3, 2021 at 12:31 PM
Project No. 10039634		469116-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					75			
2	Antenna Di	None					75			
3	Antenna Wo (0 Deg)	None					75			
4	Antenna Wo (30 Deg)	None					75			
5	Antenna Wo (60 Deg)	None					75			
6	Antenna Wo (90 Deg)	None					75			
7	Antenna Wo (120 Deg)	None					75			
8	Antenna Wo (150 Deg)	None					75			
9	Antenna Wo (180 Deg)	None					75			
10	Antenna Wo (210 Deg)	None					75			
11	Antenna Wo (240 Deg)	None					75			
12	Antenna Wo (270 Deg)	None					75			
13	Antenna Wo (300 Deg)	None					75			
14	Antenna Wo (330 Deg)	None					75			
15	Antenna Wi (0 Deg)	None					75			
16	Antenna Wi (30 Deg)	None					75			
17	Antenna Wi (60 Deg)	None					75			
18	Antenna Wi (90 Deg)	None					75			
19	Antenna Wi (120 Deg)	None					75			
20	Antenna Wi (150 Deg)	None					75			
21	Antenna Wi (180 Deg)	None					75			
22	Antenna Wi (210 Deg)	None					75			
23	Antenna Wi (240 Deg)	None					75			
24	Antenna Wi (270 Deg)	None					75			
25	Antenna Wi (300 Deg)	None					75			
26	Antenna Wi (330 Deg)	None					75			
27	Antenna Wm (0 Deg)	None					75			
28	Antenna Wm (30 Deg)	None					75			
29	Antenna Wm (60 Deg)	None					75			
30	Antenna Wm (90 Deg)	None					75			
31	Antenna Wm (120 Deg)	None					75			
32	Antenna Wm (150 Deg)	None					75			
33	Antenna Wm (180 Deg)	None					75			
34	Antenna Wm (210 Deg)	None					75			
35	Antenna Wm (240 Deg)	None					75			
36	Antenna Wm (270 Deg)	None					75			
37	Antenna Wm (300 Deg)	None					75			
38	Antenna Wm (330 Deg)	None					75			
39	Structure D	None		-1					6	
40	Structure Di	None						52	6	
41	Structure Wo (0 Deg)	None						104		
42	Structure Wo (30 Deg)	None						104		
43	Structure Wo (60 Deg)	None						104		
44	Structure Wo (90 Deg)	None						104		
45	Structure Wo (120 D...	None						104		
46	Structure Wo (150 D...	None						104		
47	Structure Wo (180 D...	None						104		
48	Structure Wo (210 D...	None						104		
49	Structure Wo (240 D...	None						104		
50	Structure Wo (270 D...	None						104		
51	Structure Wo (300 D...	None						104		
52	Structure Wo (330 D...	None						104		
53	Structure Wi (0 Deg)	None						104		

Basic Load Cases (Continued)

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

Load Combinations

	Description	So...	PDe...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0 ...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (6...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (9...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								

Load Combinations (Continued)

	Description	So...	PDe...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
24	1.2D + 1.0Di + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	-6.541667	0	4.121261	0	
3	N3	6.541667	0	4.121261	0	
4	N7	-6	0	4.121261	0	
5	N8	-0.	0	-1.416667	0	
6	N9	-0.	0	-6.854167	0	
7	N10	-0.583333	0	-6.854167	0	
8	N11	0.583333	0	-6.854167	0	
9	N12	0.	0	-5.395833	0	
10	N13	0.	0	-6.1875	0	
11	N14	0.	-0.208333	-6.1875	0	
12	N15	-0.657119	-0.208333	-6.1875	0	
13	N17	-0.791667	0	-6.493323	0	
14	N18	0.791667	0	-6.493323	0	
15	N19	-0.955342	0	-6.587821	0	
16	N20	0.955342	0	-6.587821	0	
17	N47A	-0.333333	-0.083333	-6.1875	0	
18	N48A	0.333333	-0.083333	-6.1875	0	
19	N49	-0.	-0.416667	-2.5625	0	
20	N50	-0.333333	-0.083333	-2.5625	0	
21	N51	0.333333	-0.083333	-2.5625	0	
22	N52	-0.	0	-2.5625	0	
23	N53	-2.750014	-0.416667	-2.5625	0	
24	N54	2.750014	-0.416667	-2.5625	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
25	N75B	-0.333333	-0.416667	-2.5625	0	
26	N76A	0.333333	-0.416667	-2.5625	0	
27	N93	-0.333333	-0.208333	-6.1875	0	
28	N94	0.333333	-0.208333	-6.1875	0	
29	N89	-2.750014	-0.083333	-2.5625	0	
30	N90A	2.750014	-0.083333	-2.5625	0	
31	N103	-6	0	4.329594	0	
32	N120	-6	4.291667	4.329594	0	
33	N125	-6	-3.708333	4.329594	0	
34	N200	0	0	-1.791667	0	
35	N202	.375	0	-1.791667	0	
36	N203	.375	3	-1.791667	0	
37	N204	.375	-1	-1.791667	0	
38	N215	-2.750014	-0.208333	-2.5625	0	
39	N216	2.750014	-0.208333	-2.5625	0	
40	N82	-5.358532	0	3.09375	0	
41	N83	-5.358532	-0.208333	3.09375	0	
42	N90	-5.191866	-0.083333	3.382425	0	
43	N91	-5.525199	-0.083333	2.805075	0	
44	N92	-2.21919	-0.416667	1.28125	0	
45	N93A	-2.052523	-0.083333	1.569925	0	
46	N94A	-2.385857	-0.083333	0.992575	0	
47	N95	-2.21919	0	1.28125	0	
48	N96	-0.844183	-0.416667	3.662832	0	
49	N97	-3.594197	-0.416667	-1.100332	0	
50	N98	-2.052523	-0.416667	1.569925	0	
51	N99	-2.385857	-0.416667	0.992575	0	
52	N102	-5.191866	-0.208333	3.382425	0	
53	N103A	-5.525199	-0.208333	2.805075	0	
54	N104A	-0.844183	-0.083333	3.662832	0	
55	N105	-3.594197	-0.083333	-1.100332	0	
56	N115A	5.358532	0	3.09375	0	
57	N116	5.358532	-0.208333	3.09375	0	
58	N123A	5.525199	-0.083333	2.805075	0	
59	N124A	5.191866	-0.083333	3.382425	0	
60	N125A	2.21919	-0.416667	1.28125	0	
61	N126A	2.385857	-0.083333	0.992575	0	
62	N127	2.052523	-0.083333	1.569925	0	
63	N128	2.21919	0	1.28125	0	
64	N129	3.594197	-0.416667	-1.100332	0	
65	N130	0.844183	-0.416667	3.662832	0	
66	N131	2.385857	-0.416667	0.992575	0	
67	N132	2.052523	-0.416667	1.569925	0	
68	N135	5.525199	-0.208333	2.805075	0	
69	N136	5.191866	-0.208333	3.382425	0	
70	N137	3.594197	-0.083333	-1.100332	0	
71	N138	0.844183	-0.083333	3.662832	0	
72	N136A	0.657119	-0.208333	-6.1875	0	
73	N135A	-0.657119	-0.083333	-6.1875	0	
74	N136B	-5.687092	-0.083333	2.524668	0	
75	N135B	-5.687092	-0.208333	2.524668	0	
76	N136C	-5.029973	-0.208333	3.662832	0	
77	N138A	-5.029973	-0.083333	3.662832	0	
78	N139A	5.029973	-0.083333	3.662832	0	
79	N140A	5.029973	-0.208333	3.662832	0	
80	N141A	5.687092	-0.208333	2.524668	0	
81	N143	5.687092	-0.083333	2.524668	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
82	N144	0.657119	-0.083333	-6.1875	0	
83	N105A	-2.416667	0	4.121261	0	
84	N106	-2.416667	0	4.329594	0	
85	N107	-2.416667	5.416667	4.329594	0	
86	N108	-2.416667	-1.583333	4.329594	0	
87	N109	1.25	0	4.121261	0	
88	N110	1.25	0	4.329594	0	
89	N111A	1.25	4.291667	4.329594	0	
90	N112	1.25	-3.708333	4.329594	0	
91	N113	6.083333	0	4.121261	0	
92	N114	6.083333	0	4.329594	0	
93	N115	6.083333	4.291667	4.329594	0	
94	N116A	6.083333	-3.708333	4.329594	0	
95	N113B	6.83995	0	3.604619	0	
96	N114B	0.298283	0	-7.72588	0	
97	N115C	6.569116	0	3.135522	0	
98	N116C	6.749538	0	3.031355	0	
99	N117	6.749538	4.291667	3.031355	0	
100	N118	6.749538	-3.708333	3.031355	0	
101	N125B	4.77745	0	0.032264	0	
102	N126	4.957872	0	-0.071902	0	
103	N127A	4.957872	5.416667	-0.071902	0	
104	N128A	4.957872	-1.583333	-0.071902	0	
105	N129A	2.944116	0	-3.143162	0	
106	N130A	3.124538	0	-3.247329	0	
107	N131A	3.124538	4.291667	-3.247329	0	
108	N132A	3.124538	-3.708333	-3.247329	0	
109	N133	0.52745	0	-7.328951	0	
110	N134	0.707872	0	-7.433118	0	
111	N135C	0.707872	4.291667	-7.433118	0	
112	N136D	0.707872	-3.708333	-7.433118	0	
113	N137A	-0.298283	0	-7.72588	0	
114	N138B	-6.83995	0	3.604619	0	
115	N139	-0.569116	0	-7.256783	0	
116	N140	-0.749538	0	-7.360949	0	
117	N141	-0.749538	4.291667	-7.360949	0	
118	N142	-0.749538	-3.708333	-7.360949	0	
119	N149	-2.360783	0	-4.153525	0	
120	N150	-2.541205	0	-4.257692	0	
121	N151	-2.541205	5.416667	-4.257692	0	
122	N152	-2.541205	-1.583333	-4.257692	0	
123	N153	-4.194116	0	-0.978099	0	
124	N154	-4.374538	0	-1.082265	0	
125	N155	-4.374538	4.291667	-1.082265	0	
126	N156	-4.374538	-3.708333	-1.082265	0	
127	N157	-6.610783	0	3.207691	0	
128	N158	-6.791205	0	3.103524	0	
129	N159	-6.791205	4.291667	3.103524	0	
130	N160	-6.791205	-3.708333	3.103524	0	
131	N131B	-1.226869	0	0.708333	0	
132	N132B	-5.935882	0	3.427083	0	
133	N133A	-5.644216	0	3.932265	0	
134	N134A	-6.227549	0	2.921902	0	
135	N135D	-4.672929	0	2.697917	0	
136	N138C	-5.227549	0	3.932265	0	
137	N139B	-6.019216	0	2.561058	0	
138	N140B	-5.227549	0	4.121261	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
139	N141B	-6.182891	0	2.46656	0	
140	N145	1.226869	0	0.708333	0	
141	N146	5.935882	0	3.427083	0	
142	N147	6.227549	0	2.921902	0	
143	N148	5.644216	0	3.932265	0	
144	N149A	4.672929	0	2.697917	0	
145	N152A	6.019216	0	2.561058	0	
146	N153A	5.227549	0	3.932265	0	
147	N154A	6.182891	0	2.46656	0	
148	N155A	5.227549	0	4.121261	0	
149	N149B	-6.541667	4	4.121261	0	
150	N150A	6.541667	4	4.121261	0	
151	N151A	-6	4	4.121261	0	
152	N152B	-6	4	4.329594	0	
153	N153B	-2.416667	4	4.121261	0	
154	N154B	-2.416667	4	4.329594	0	
155	N155B	1.25	4	4.121261	0	
156	N156A	1.25	4	4.329594	0	
157	N157A	6.083333	4	4.121261	0	
158	N158A	6.083333	4	4.329594	0	
159	N159A	6.83995	4	3.604619	0	
160	N160A	0.298283	4	-7.72588	0	
161	N161	6.569116	4	3.135522	0	
162	N162	6.749538	4	3.031355	0	
163	N163	4.77745	4	0.032264	0	
164	N164	4.957872	4	-0.071902	0	
165	N165	2.944116	4	-3.143162	0	
166	N166	3.124538	4	-3.247329	0	
167	N167	0.52745	4	-7.328951	0	
168	N168	0.707872	4	-7.433118	0	
169	N169	-0.298283	4	-7.72588	0	
170	N170	-6.83995	4	3.604619	0	
171	N171	-0.569116	4	-7.256783	0	
172	N172	-0.749538	4	-7.360949	0	
173	N173	-2.360783	4	-4.153525	0	
174	N174	-2.541205	4	-4.257692	0	
175	N175	-4.194116	4	-0.978099	0	
176	N176	-4.374538	4	-1.082265	0	
177	N177	-6.610783	4	3.207691	0	
178	N178	-6.791205	4	3.103524	0	
179	N179	-4.75	4	4.121261	0	
180	N180	-4.75	4	3.912927	0	
181	N181	4.75	4	4.121261	0	
182	N182	4.75	4	3.912927	0	
183	N183	5.944116	4	2.05299	0	
184	N184	5.763694	4	2.157157	0	
185	N185	1.194116	4	-6.174251	0	
186	N186	1.013694	4	-6.070084	0	
187	N187	-1.194116	4	-6.174251	0	
188	N188	-1.013694	4	-6.070084	0	
189	N189	-5.944116	4	2.05299	0	
190	N190	-5.763694	4	2.157157	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal H...	HSS4X4X4	Beam	None	A500 Gr....	Typical	3.37	7.8	7.8	12.8
2	Mount Pipe	PIPE_2.0	Beam	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Support Rail	PIPE_2.0	Beam	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
4	Face Angle	L5X3X4	Beam	None	A36 Gr.36	Typical	1.94	1.41	5.09	.044
5	Corner Plate Inner	L5X3X4	Beam	None	A36 Gr.36	Typical	1.94	1.41	5.09	.044
6	Grating Angle Su...	L3X3X4	Beam	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	Corner Plate Outer	L2.5x2.5x4	Beam	None	A36 Gr.36	Typical	1.19	.692	.692	.026
8	Standoff End	HSS4X4X4	Beam	None	A500 Gr....	Typical	3.37	7.8	7.8	12.8
9	Standoff Start	HSS4.5X4.5X4	Beam	None	A500 Gr....	Typical	3.84	11.4	11.4	18.5
10	Standoff Bracing ...	L5X3X4	Beam	None	A36 Gr.36	Typical	1.94	1.41	5.09	.044
11	Standoff End Plat..	PL1/2x10	Beam	None	A36 Gr.36	Typical	5	.104	41.667	.404
12	Standoff Bottom ...	PL1/2x8	Beam	None	A36 Gr.36	Typical	4	.083	21.333	.32
13	Dual Pipe	PIPE_2.5	Beam	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
14	Support Connecti...	L2.5x2.5x6	Beam	None	A36 Gr.36	Typical	1.73	.972	.972	.083

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N2			Face Horizont...	Beam	None	A500 Gr.B...	Typical
2	M2	N9	N12			Standoff End	Beam	None	A500 Gr.B...	Typical
3	M3	N12	N8			Standoff Start	Beam	None	A500 Gr.B...	Typical
4	M4	N11	N10			Standoff End ...	Beam	None	A36 Gr.36	Typical
5	M5	N136A	N15		90	Standoff Botto...	Beam	None	A36 Gr.36	Typical
6	M6	N13	N14		270	RIGID	None	None	RIGID	Typical
7	M7	N18	N11			Standoff End ...	Beam	None	A36 Gr.36	Typical
8	M8	N17	N10			Standoff End ...	Beam	None	A36 Gr.36	Typical
9	M9	N18	N20			RIGID	None	None	RIGID	Typical
10	M10	N17	N19			RIGID	None	None	RIGID	Typical
11	M30	N51	N48A			Grating Angle ...	Beam	None	A36 Gr.36	Typical
12	M31	N50	N47A		270	Grating Angle ...	Beam	None	A36 Gr.36	Typical
13	M33	N52	N49			RIGID	None	None	RIGID	Typical
14	M33A	N54	N53		90	Standoff Braci...	Beam	None	A36 Gr.36	Typical
15	M46A	N50	N75B			RIGID	None	None	RIGID	Typical
16	M47A	N51	N76A			RIGID	None	None	RIGID	Typical
17	M62	N47A	N93			RIGID	None	None	RIGID	Typical
18	M63	N48A	N94			RIGID	None	None	RIGID	Typical
19	M62B	N90A	N54			RIGID	None	None	RIGID	Typical
20	M63B	N89	N53			RIGID	None	None	RIGID	Typical
21	M74	N103	N7			RIGID	None	None	RIGID	Typical
22	MP4A	N120	N125			Mount Pipe	Beam	None	A53 Gr.B	Typical
23	OVP	N203	N204			Mount Pipe	Beam	None	A53 Gr.B	Typical
24	M130	N200	N202			RIGID	None	None	RIGID	Typical
25	M47	N82	N83		270	RIGID	None	None	RIGID	Typical
26	M52	N94A	N91			Grating Angle ...	Beam	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
27	M53	N93A	N90		270	Grating Angle ...	Beam	None	A36 Gr.36	Typical
28	M54	N95	N92			RIGID	None	None	RIGID	Typical
29	M55	N97	N96		90	Standoff Braci...	Beam	None	A36 Gr.36	Typical
30	M56	N93A	N98			RIGID	None	None	RIGID	Typical
31	M57	N94A	N99			RIGID	None	None	RIGID	Typical
32	M60A	N90	N102			RIGID	None	None	RIGID	Typical
33	M61A	N91	N103A			RIGID	None	None	RIGID	Typical
34	M62A	N105	N97			RIGID	None	None	RIGID	Typical
35	M63A	N104A	N96			RIGID	None	None	RIGID	Typical
36	M68	N115A	N116		270	RIGID	None	None	RIGID	Typical
37	M73A	N127	N124A			Grating Angle ...	Beam	None	A36 Gr.36	Typical
38	M74A	N126A	N123A		270	Grating Angle ...	Beam	None	A36 Gr.36	Typical
39	M75A	N128	N125A			RIGID	None	None	RIGID	Typical
40	M76A	N130	N129		90	Standoff Braci...	Beam	None	A36 Gr.36	Typical
41	M77A	N126A	N131			RIGID	None	None	RIGID	Typical
42	M78	N127	N132			RIGID	None	None	RIGID	Typical
43	M81	N123A	N135			RIGID	None	None	RIGID	Typical
44	M82	N124A	N136			RIGID	None	None	RIGID	Typical
45	M83A	N138	N130			RIGID	None	None	RIGID	Typical
46	M84	N137	N129			RIGID	None	None	RIGID	Typical
47	M79A	N136B	N135A			Corner Plate I...	Beam	None	A36 Gr.36	Typical
48	M80A	N135B	N136C		90	Standoff Botto...	Beam	None	A36 Gr.36	Typical
49	M81A	N139A	N138A			Corner Plate I...	Beam	None	A36 Gr.36	Typical
50	M83B	N140A	N141A		90	Standoff Botto...	Beam	None	A36 Gr.36	Typical
51	M84A	N144	N143			Corner Plate I...	Beam	None	A36 Gr.36	Typical
52	M82A	N136B	N135B			RIGID	None	None	RIGID	Typical
53	M83C	N138A	N136C			RIGID	None	None	RIGID	Typical
54	M84B	N139A	N140A			RIGID	None	None	RIGID	Typical
55	M85	N143	N141A			RIGID	None	None	RIGID	Typical
56	M86	N144	N136A			RIGID	None	None	RIGID	Typical
57	M87	N135A	N15			RIGID	None	None	RIGID	Typical
58	M74B	N106	N105A			RIGID	None	None	RIGID	Typical
59	MP3A	N107	N108			Mount Pipe	Beam	None	A53 Gr.B	Typical
60	M76	N110	N109			RIGID	None	None	RIGID	Typical
61	MP2A	N111A	N112			Mount Pipe	Beam	None	A53 Gr.B	Typical
62	M78A	N114	N113			RIGID	None	None	RIGID	Typical
63	MP1A	N115	N116A			Mount Pipe	Beam	None	A53 Gr.B	Typical
64	M82B	N114B	N113B			Face Horizont...	Beam	None	A500 Gr.B...	Typical
65	M83	N116C	N115C			RIGID	None	None	RIGID	Typical
66	MP4C	N117	N118			Mount Pipe	Beam	None	A53 Gr.B	Typical
67	M89	N126	N125B			RIGID	None	None	RIGID	Typical
68	MP3C	N127A	N128A			Mount Pipe	Beam	None	A53 Gr.B	Typical
69	M91	N130A	N129A			RIGID	None	None	RIGID	Typical
70	MP2C	N131A	N132A			Mount Pipe	Beam	None	A53 Gr.B	Typical
71	M93	N134	N133			RIGID	None	None	RIGID	Typical
72	MP1C	N135C	N136D			Mount Pipe	Beam	None	A53 Gr.B	Typical
73	M95	N138B	N137A			Face Horizont...	Beam	None	A500 Gr.B...	Typical
74	M96	N140	N139			RIGID	None	None	RIGID	Typical
75	MP4B	N141	N142			Mount Pipe	Beam	None	A53 Gr.B	Typical
76	M102	N150	N149			RIGID	None	None	RIGID	Typical
77	MP3B	N151	N152			Mount Pipe	Beam	None	A53 Gr.B	Typical
78	M104	N154	N153			RIGID	None	None	RIGID	Typical
79	MP2B	N155	N156			Mount Pipe	Beam	None	A53 Gr.B	Typical
80	M106	N158	N157			RIGID	None	None	RIGID	Typical
81	MP1B	N159	N160			Mount Pipe	Beam	None	A53 Gr.B	Typical
82	M82C	N132B	N135D			Standoff End	Beam	None	A500 Gr.B...	Typical
83	M83D	N135D	N131B			Standoff Start	Beam	None	A500 Gr.B...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
84	M84C	N134A	N133A			Standoff End ...	Beam	None	A36 Gr.36	Typical
85	M85A	N82	N83		270	RIGID	None	None	RIGID	Typical
86	M86A	N139B	N134A			Standoff End ...	Beam	None	A36 Gr.36	Typical
87	M87A	N138C	N133A			Standoff End ...	Beam	None	A36 Gr.36	Typical
88	M88	N139B	N141B			RIGID	None	None	RIGID	Typical
89	M89A	N138C	N140B			RIGID	None	None	RIGID	Typical
90	M90	N95	N92			RIGID	None	None	RIGID	Typical
91	M91A	N146	N149A			Standoff End	Beam	None	A500 Gr.B...	Typical
92	M92	N149A	N145			Standoff Start	Beam	None	A500 Gr.B...	Typical
93	M93A	N148	N147			Standoff End ...	Beam	None	A36 Gr.36	Typical
94	M94	N115A	N116		270	RIGID	None	None	RIGID	Typical
95	M95A	N153A	N148			Standoff End ...	Beam	None	A36 Gr.36	Typical
96	M96A	N152A	N147			Standoff End ...	Beam	None	A36 Gr.36	Typical
97	M97	N153A	N155A			RIGID	None	None	RIGID	Typical
98	M98	N152A	N154A			RIGID	None	None	RIGID	Typical
99	M99	N128	N125A			RIGID	None	None	RIGID	Typical
100	M100	N150A	N149B			Support Rail	Beam	None	A53 Gr.B	Typical
101	M101	N152B	N151A			RIGID	None	None	RIGID	Typical
102	M102A	N154B	N153B			RIGID	None	None	RIGID	Typical
103	M103	N156A	N155B			RIGID	None	None	RIGID	Typical
104	M104A	N158A	N157A			RIGID	None	None	RIGID	Typical
105	M105	N160A	N159A			Support Rail	Beam	None	A53 Gr.B	Typical
106	M106A	N162	N161			RIGID	None	None	RIGID	Typical
107	M107	N164	N163			RIGID	None	None	RIGID	Typical
108	M108	N166	N165			RIGID	None	None	RIGID	Typical
109	M109	N168	N167			RIGID	None	None	RIGID	Typical
110	M110	N170	N169			Support Rail	Beam	None	A53 Gr.B	Typical
111	M111	N172	N171			RIGID	None	None	RIGID	Typical
112	M112	N174	N173			RIGID	None	None	RIGID	Typical
113	M113	N176	N175			RIGID	None	None	RIGID	Typical
114	M114	N178	N177			RIGID	None	None	RIGID	Typical
115	M115	N180	N179			RIGID	None	None	RIGID	Typical
116	M116	N182	N181			RIGID	None	None	RIGID	Typical
117	M117	N184	N183			RIGID	None	None	RIGID	Typical
118	M118	N186	N185			RIGID	None	None	RIGID	Typical
119	M119	N188	N187			RIGID	None	None	RIGID	Typical
120	M120	N190	N189			RIGID	None	None	RIGID	Typical
121	M121	N190	N180		90	Support Conn...	Beam	None	A36 Gr.36	Typical
122	M122	N182	N184		90	Support Conn...	Beam	None	A36 Gr.36	Typical
123	M123	N186	N188		90	Support Conn...	Beam	None	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes	** NA **			None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M30	BenPIN	BenPIN				Yes				None
12	M31	BenPIN	BenPIN				Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
13	M33						Yes	** NA **			None
14	M33A	BenPIN	BenPIN				Yes				None
15	M46A						Yes	** NA **			None
16	M47A						Yes	** NA **			None
17	M62						Yes	** NA **			None
18	M63						Yes	** NA **			None
19	M62B						Yes	** NA **			None
20	M63B						Yes	** NA **			None
21	M74						Yes	** NA **			None
22	MP4A						Yes				None
23	OVP						Yes				None
24	M130						Yes	** NA **			None
25	M47						Yes	** NA **			None
26	M52	BenPIN	BenPIN				Yes				None
27	M53	BenPIN	BenPIN				Yes				None
28	M54						Yes	** NA **			None
29	M55	BenPIN	BenPIN				Yes				None
30	M56						Yes	** NA **			None
31	M57						Yes	** NA **			None
32	M60A						Yes	** NA **			None
33	M61A						Yes	** NA **			None
34	M62A						Yes	** NA **			None
35	M63A						Yes	** NA **			None
36	M68						Yes	** NA **			None
37	M73A	BenPIN	BenPIN				Yes				None
38	M74A	BenPIN	BenPIN				Yes				None
39	M75A						Yes	** NA **			None
40	M76A	BenPIN	BenPIN				Yes				None
41	M77A						Yes	** NA **			None
42	M78						Yes	** NA **			None
43	M81						Yes	** NA **			None
44	M82						Yes	** NA **			None
45	M83A						Yes	** NA **			None
46	M84						Yes	** NA **			None
47	M79A	BenPIN	BenPIN				Yes				None
48	M80A						Yes				None
49	M81A	BenPIN	BenPIN				Yes				None
50	M83B						Yes				None
51	M84A	BenPIN	BenPIN				Yes				None
52	M82A						Yes	** NA **			None
53	M83C						Yes	** NA **			None
54	M84B						Yes	** NA **			None
55	M85						Yes	** NA **			None
56	M86						Yes	** NA **			None
57	M87						Yes	** NA **			None
58	M74B						Yes	** NA **			None
59	MP3A						Yes				None
60	M76						Yes	** NA **			None
61	MP2A						Yes				None
62	M78A						Yes	** NA **			None
63	MP1A						Yes				None
64	M82B						Yes				None
65	M83						Yes	** NA **			None
66	MP4C						Yes				None
67	M89						Yes	** NA **			None
68	MP3C						Yes				None
69	M91						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
70	MP2C						Yes				None
71	M93						Yes	** NA **			None
72	MP1C						Yes				None
73	M95						Yes				None
74	M96						Yes	** NA **			None
75	MP4B						Yes				None
76	M102						Yes	** NA **			None
77	MP3B						Yes				None
78	M104						Yes	** NA **			None
79	MP2B						Yes				None
80	M106						Yes	** NA **			None
81	MP1B						Yes				None
82	M82C						Yes				None
83	M83D						Yes				None
84	M84C						Yes				None
85	M85A						Yes	** NA **			None
86	M86A						Yes				None
87	M87A						Yes				None
88	M88						Yes	** NA **			None
89	M89A						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91A						Yes				None
92	M92						Yes				None
93	M93A						Yes				None
94	M94						Yes	** NA **			None
95	M95A						Yes				None
96	M96A						Yes				None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes				None
101	M101						Yes	** NA **			None
102	M102A						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104A						Yes	** NA **			None
105	M105						Yes				None
106	M106A						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes				None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115		OOOOOO				Yes	** NA **			None
116	M116		OOOOOO				Yes	** NA **			None
117	M117		OOOOOO				Yes	** NA **			None
118	M118		OOOOOO				Yes	** NA **			None
119	M119		OOOOOO				Yes	** NA **			None
120	M120		OOOOOO				Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-43.55	1.25
2	MP2A	My	-.022	1.25
3	MP2A	Mz	0	1.25
4	MP2A	Y	-43.55	3.25
5	MP2A	My	-.022	3.25
6	MP2A	Mz	0	3.25
7	MP2B	Y	-43.55	1.25
8	MP2B	My	.011	1.25
9	MP2B	Mz	-.019	1.25
10	MP2B	Y	-43.55	3.25
11	MP2B	My	.011	3.25
12	MP2B	Mz	-.019	3.25
13	MP2C	Y	-43.55	1.25
14	MP2C	My	.011	1.25
15	MP2C	Mz	.019	1.25
16	MP2C	Y	-43.55	3.25
17	MP2C	My	.011	3.25
18	MP2C	Mz	.019	3.25
19	MP4A	Y	-74.7	2.25
20	MP4A	My	.037	2.25
21	MP4A	Mz	0	2.25
22	MP4B	Y	-74.7	2.25
23	MP4B	My	-.019	2.25
24	MP4B	Mz	.032	2.25
25	MP4C	Y	-74.7	2.25
26	MP4C	My	-.019	2.25
27	MP4C	Mz	-.032	2.25
28	MP3A	Y	-70.3	3.25
29	MP3A	My	.035	3.25
30	MP3A	Mz	0	3.25
31	MP3B	Y	-70.3	3.25
32	MP3B	My	-.018	3.25
33	MP3B	Mz	.03	3.25
34	MP3C	Y	-70.3	3.25
35	MP3C	My	-.018	3.25
36	MP3C	Mz	-.03	3.25
37	MP3A	Y	-20	1.5
38	MP3A	My	-.01	1.5
39	MP3A	Mz	.012	1.5
40	MP3A	Y	-20	5
41	MP3A	My	-.01	5
42	MP3A	Mz	.012	5
43	MP3B	Y	-20	1.5
44	MP3B	My	-.005	1.5
45	MP3B	Mz	-.014	1.5
46	MP3B	Y	-20	5
47	MP3B	My	-.005	5
48	MP3B	Mz	-.014	5
49	MP3C	Y	-20	1.5
50	MP3C	My	.015	1.5
51	MP3C	Mz	.003	1.5
52	MP3C	Y	-20	5
53	MP3C	My	.015	5
54	MP3C	Mz	.003	5
55	MP3A	Y	-20	1.5
56	MP3A	My	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP3A	Mz	-.012	1.5
58	MP3A	Y	-20	5
59	MP3A	My	-.01	5
60	MP3A	Mz	-.012	5
61	MP3B	Y	-20	1.5
62	MP3B	My	.015	1.5
63	MP3B	Mz	-.003	1.5
64	MP3B	Y	-20	5
65	MP3B	My	.015	5
66	MP3B	Mz	-.003	5
67	MP3C	Y	-20	1.5
68	MP3C	My	-.005	1.5
69	MP3C	Mz	.014	1.5
70	MP3C	Y	-20	5
71	MP3C	My	-.005	5
72	MP3C	Mz	.014	5
73	OVP	Y	-32	1.5
74	OVP	My	0	1.5
75	OVP	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-53.61	1.25
2	MP2A	My	-.027	1.25
3	MP2A	Mz	0	1.25
4	MP2A	Y	-53.61	3.25
5	MP2A	My	-.027	3.25
6	MP2A	Mz	0	3.25
7	MP2B	Y	-53.61	1.25
8	MP2B	My	.013	1.25
9	MP2B	Mz	-.023	1.25
10	MP2B	Y	-53.61	3.25
11	MP2B	My	.013	3.25
12	MP2B	Mz	-.023	3.25
13	MP2C	Y	-53.61	1.25
14	MP2C	My	.013	1.25
15	MP2C	Mz	.023	1.25
16	MP2C	Y	-53.61	3.25
17	MP2C	My	.013	3.25
18	MP2C	Mz	.023	3.25
19	MP4A	Y	-68.065	2.25
20	MP4A	My	.034	2.25
21	MP4A	Mz	0	2.25
22	MP4B	Y	-68.065	2.25
23	MP4B	My	-.017	2.25
24	MP4B	Mz	.029	2.25
25	MP4C	Y	-68.065	2.25
26	MP4C	My	-.017	2.25
27	MP4C	Mz	-.029	2.25
28	MP3A	Y	-64.919	3.25
29	MP3A	My	.032	3.25
30	MP3A	Mz	0	3.25
31	MP3B	Y	-64.919	3.25
32	MP3B	My	-.016	3.25
33	MP3B	Mz	.028	3.25
34	MP3C	Y	-64.919	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	My	-.016	3.25
36	MP3C	Mz	-.028	3.25
37	MP3A	Y	-91.568	1.5
38	MP3A	My	-.046	1.5
39	MP3A	Mz	.053	1.5
40	MP3A	Y	-91.568	5
41	MP3A	My	-.046	5
42	MP3A	Mz	.053	5
43	MP3B	Y	-91.568	1.5
44	MP3B	My	-.023	1.5
45	MP3B	Mz	-.066	1.5
46	MP3B	Y	-91.568	5
47	MP3B	My	-.023	5
48	MP3B	Mz	-.066	5
49	MP3C	Y	-91.568	1.5
50	MP3C	My	.069	1.5
51	MP3C	Mz	.013	1.5
52	MP3C	Y	-91.568	5
53	MP3C	My	.069	5
54	MP3C	Mz	.013	5
55	MP3A	Y	-91.568	1.5
56	MP3A	My	-.046	1.5
57	MP3A	Mz	-.053	1.5
58	MP3A	Y	-91.568	5
59	MP3A	My	-.046	5
60	MP3A	Mz	-.053	5
61	MP3B	Y	-91.568	1.5
62	MP3B	My	.069	1.5
63	MP3B	Mz	-.013	1.5
64	MP3B	Y	-91.568	5
65	MP3B	My	.069	5
66	MP3B	Mz	-.013	5
67	MP3C	Y	-91.568	1.5
68	MP3C	My	-.023	1.5
69	MP3C	Mz	.066	1.5
70	MP3C	Y	-91.568	5
71	MP3C	My	-.023	5
72	MP3C	Mz	.066	5
73	OVP	Y	-131.305	1.5
74	OVP	My	0	1.5
75	OVP	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	-84.862	1.25
3	MP2A	Mx	0	1.25
4	MP2A	X	0	3.25
5	MP2A	Z	-84.862	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	1.25
8	MP2B	Z	-46.133	1.25
9	MP2B	Mx	.02	1.25
10	MP2B	X	0	3.25
11	MP2B	Z	-46.133	3.25
12	MP2B	Mx	.02	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	0	1.25
14	MP2C	Z	-46.133	1.25
15	MP2C	Mx	-.02	1.25
16	MP2C	X	0	3.25
17	MP2C	Z	-46.133	3.25
18	MP2C	Mx	-.02	3.25
19	MP4A	X	0	2.25
20	MP4A	Z	-67.529	2.25
21	MP4A	Mx	0	2.25
22	MP4B	X	0	2.25
23	MP4B	Z	-50.737	2.25
24	MP4B	Mx	-.022	2.25
25	MP4C	X	0	2.25
26	MP4C	Z	-50.737	2.25
27	MP4C	Mx	.022	2.25
28	MP3A	X	0	3.25
29	MP3A	Z	-67.529	3.25
30	MP3A	Mx	0	3.25
31	MP3B	X	0	3.25
32	MP3B	Z	-47.69	3.25
33	MP3B	Mx	-.021	3.25
34	MP3C	X	0	3.25
35	MP3C	Z	-47.69	3.25
36	MP3C	Mx	.021	3.25
37	MP3A	X	0	1.5
38	MP3A	Z	-147.335	1.5
39	MP3A	Mx	-.086	1.5
40	MP3A	X	0	5
41	MP3A	Z	-147.335	5
42	MP3A	Mx	-.086	5
43	MP3B	X	0	1.5
44	MP3B	Z	-109.909	1.5
45	MP3B	Mx	.08	1.5
46	MP3B	X	0	5
47	MP3B	Z	-109.909	5
48	MP3B	Mx	.08	5
49	MP3C	X	0	1.5
50	MP3C	Z	-109.909	1.5
51	MP3C	Mx	-.016	1.5
52	MP3C	X	0	5
53	MP3C	Z	-109.909	5
54	MP3C	Mx	-.016	5
55	MP3A	X	0	1.5
56	MP3A	Z	-147.335	1.5
57	MP3A	Mx	.086	1.5
58	MP3A	X	0	5
59	MP3A	Z	-147.335	5
60	MP3A	Mx	.086	5
61	MP3B	X	0	1.5
62	MP3B	Z	-109.909	1.5
63	MP3B	Mx	.016	1.5
64	MP3B	X	0	5
65	MP3B	Z	-109.909	5
66	MP3B	Mx	.016	5
67	MP3C	X	0	1.5
68	MP3C	Z	-109.909	1.5
69	MP3C	Mx	-.08	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	0	5
71	MP3C	Z	-109.909	5
72	MP3C	Mx	-.08	5
73	OVP	X	0	1.5
74	OVP	Z	-146.613	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	35.976	1.25
2	MP2A	Z	-62.313	1.25
3	MP2A	Mx	-.018	1.25
4	MP2A	X	35.976	3.25
5	MP2A	Z	-62.313	3.25
6	MP2A	Mx	-.018	3.25
7	MP2B	X	16.612	1.25
8	MP2B	Z	-28.772	1.25
9	MP2B	Mx	.017	1.25
10	MP2B	X	16.612	3.25
11	MP2B	Z	-28.772	3.25
12	MP2B	Mx	.017	3.25
13	MP2C	X	35.976	1.25
14	MP2C	Z	-62.313	1.25
15	MP2C	Mx	-.018	1.25
16	MP2C	X	35.976	3.25
17	MP2C	Z	-62.313	3.25
18	MP2C	Mx	-.018	3.25
19	MP4A	X	30.966	2.25
20	MP4A	Z	-53.634	2.25
21	MP4A	Mx	.015	2.25
22	MP4B	X	22.57	2.25
23	MP4B	Z	-39.092	2.25
24	MP4B	Mx	-.023	2.25
25	MP4C	X	30.966	2.25
26	MP4C	Z	-53.634	2.25
27	MP4C	Mx	.015	2.25
28	MP3A	X	30.458	3.25
29	MP3A	Z	-52.755	3.25
30	MP3A	Mx	.015	3.25
31	MP3B	X	20.538	3.25
32	MP3B	Z	-35.574	3.25
33	MP3B	Mx	-.021	3.25
34	MP3C	X	30.458	3.25
35	MP3C	Z	-52.755	3.25
36	MP3C	Mx	.015	3.25
37	MP3A	X	67.43	1.5
38	MP3A	Z	-116.792	1.5
39	MP3A	Mx	-.102	1.5
40	MP3A	X	67.43	5
41	MP3A	Z	-116.792	5
42	MP3A	Mx	-.102	5
43	MP3B	X	48.717	1.5
44	MP3B	Z	-84.38	1.5
45	MP3B	Mx	.049	1.5
46	MP3B	X	48.717	5
47	MP3B	Z	-84.38	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.049	5
49	MP3C	X	67.43	1.5
50	MP3C	Z	-116.792	1.5
51	MP3C	Mx	.034	1.5
52	MP3C	X	67.43	5
53	MP3C	Z	-116.792	5
54	MP3C	Mx	.034	5
55	MP3A	X	67.43	1.5
56	MP3A	Z	-116.792	1.5
57	MP3A	Mx	.034	1.5
58	MP3A	X	67.43	5
59	MP3A	Z	-116.792	5
60	MP3A	Mx	.034	5
61	MP3B	X	48.717	1.5
62	MP3B	Z	-84.38	1.5
63	MP3B	Mx	.049	1.5
64	MP3B	X	48.717	5
65	MP3B	Z	-84.38	5
66	MP3B	Mx	.049	5
67	MP3C	X	67.43	1.5
68	MP3C	Z	-116.792	1.5
69	MP3C	Mx	-.102	1.5
70	MP3C	X	67.43	5
71	MP3C	Z	-116.792	5
72	MP3C	Mx	-.102	5
73	OVP	X	68.962	1.5
74	OVP	Z	-119.446	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	39.952	1.25
2	MP2A	Z	-23.067	1.25
3	MP2A	Mx	-.02	1.25
4	MP2A	X	39.952	3.25
5	MP2A	Z	-23.067	3.25
6	MP2A	Mx	-.02	3.25
7	MP2B	X	39.952	1.25
8	MP2B	Z	-23.067	1.25
9	MP2B	Mx	.02	1.25
10	MP2B	X	39.952	3.25
11	MP2B	Z	-23.067	3.25
12	MP2B	Mx	.02	3.25
13	MP2C	X	73.493	1.25
14	MP2C	Z	-42.431	1.25
15	MP2C	Mx	0	1.25
16	MP2C	X	73.493	3.25
17	MP2C	Z	-42.431	3.25
18	MP2C	Mx	0	3.25
19	MP4A	X	43.939	2.25
20	MP4A	Z	-25.368	2.25
21	MP4A	Mx	.022	2.25
22	MP4B	X	43.939	2.25
23	MP4B	Z	-25.368	2.25
24	MP4B	Mx	-.022	2.25
25	MP4C	X	58.482	2.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP4C	Z	-33.764	2.25
27	MP4C	Mx	0	2.25
28	MP3A	X	41.301	3.25
29	MP3A	Z	-23.845	3.25
30	MP3A	Mx	.021	3.25
31	MP3B	X	41.301	3.25
32	MP3B	Z	-23.845	3.25
33	MP3B	Mx	-.021	3.25
34	MP3C	X	58.482	3.25
35	MP3C	Z	-33.764	3.25
36	MP3C	Mx	0	3.25
37	MP3A	X	95.184	1.5
38	MP3A	Z	-54.955	1.5
39	MP3A	Mx	-.08	1.5
40	MP3A	X	95.184	5
41	MP3A	Z	-54.955	5
42	MP3A	Mx	-.08	5
43	MP3B	X	95.184	1.5
44	MP3B	Z	-54.955	1.5
45	MP3B	Mx	.016	1.5
46	MP3B	X	95.184	5
47	MP3B	Z	-54.955	5
48	MP3B	Mx	.016	5
49	MP3C	X	127.596	1.5
50	MP3C	Z	-73.668	1.5
51	MP3C	Mx	.086	1.5
52	MP3C	X	127.596	5
53	MP3C	Z	-73.668	5
54	MP3C	Mx	.086	5
55	MP3A	X	95.184	1.5
56	MP3A	Z	-54.955	1.5
57	MP3A	Mx	-.016	1.5
58	MP3A	X	95.184	5
59	MP3A	Z	-54.955	5
60	MP3A	Mx	-.016	5
61	MP3B	X	95.184	1.5
62	MP3B	Z	-54.955	1.5
63	MP3B	Mx	.08	1.5
64	MP3B	X	95.184	5
65	MP3B	Z	-54.955	5
66	MP3B	Mx	.08	5
67	MP3C	X	127.596	1.5
68	MP3C	Z	-73.668	1.5
69	MP3C	Mx	-.086	1.5
70	MP3C	X	127.596	5
71	MP3C	Z	-73.668	5
72	MP3C	Mx	-.086	5
73	OVP	X	104.395	1.5
74	OVP	Z	-60.273	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	33.223	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	-.017	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	X	33.223	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	-.017	3.25
7	MP2B	X	71.953	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	.018	1.25
10	MP2B	X	71.953	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	.018	3.25
13	MP2C	X	71.953	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	.018	1.25
16	MP2C	X	71.953	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	.018	3.25
19	MP4A	X	45.14	2.25
20	MP4A	Z	0	2.25
21	MP4A	Mx	.023	2.25
22	MP4B	X	61.931	2.25
23	MP4B	Z	0	2.25
24	MP4B	Mx	-.015	2.25
25	MP4C	X	61.931	2.25
26	MP4C	Z	0	2.25
27	MP4C	Mx	-.015	2.25
28	MP3A	X	41.077	3.25
29	MP3A	Z	0	3.25
30	MP3A	Mx	.021	3.25
31	MP3B	X	60.916	3.25
32	MP3B	Z	0	3.25
33	MP3B	Mx	-.015	3.25
34	MP3C	X	60.916	3.25
35	MP3C	Z	0	3.25
36	MP3C	Mx	-.015	3.25
37	MP3A	X	97.434	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	-.049	1.5
40	MP3A	X	97.434	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.049	5
43	MP3B	X	134.86	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	-.034	1.5
46	MP3B	X	134.86	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.034	5
49	MP3C	X	134.86	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	.102	1.5
52	MP3C	X	134.86	5
53	MP3C	Z	0	5
54	MP3C	Mx	.102	5
55	MP3A	X	97.434	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	-.049	1.5
58	MP3A	X	97.434	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.049	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3B	X	134.86	1.5
62	MP3B	Z	0	1.5
63	MP3B	Mx	.102	1.5
64	MP3B	X	134.86	5
65	MP3B	Z	0	5
66	MP3B	Mx	.102	5
67	MP3C	X	134.86	1.5
68	MP3C	Z	0	1.5
69	MP3C	Mx	-.034	1.5
70	MP3C	X	134.86	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.034	5
73	OVP	X	111.856	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	39.952	1.25
2	MP2A	Z	23.067	1.25
3	MP2A	Mx	-.02	1.25
4	MP2A	X	39.952	3.25
5	MP2A	Z	23.067	3.25
6	MP2A	Mx	-.02	3.25
7	MP2B	X	73.493	1.25
8	MP2B	Z	42.431	1.25
9	MP2B	Mx	0	1.25
10	MP2B	X	73.493	3.25
11	MP2B	Z	42.431	3.25
12	MP2B	Mx	0	3.25
13	MP2C	X	39.952	1.25
14	MP2C	Z	23.067	1.25
15	MP2C	Mx	.02	1.25
16	MP2C	X	39.952	3.25
17	MP2C	Z	23.067	3.25
18	MP2C	Mx	.02	3.25
19	MP4A	X	43.939	2.25
20	MP4A	Z	25.368	2.25
21	MP4A	Mx	.022	2.25
22	MP4B	X	58.482	2.25
23	MP4B	Z	33.764	2.25
24	MP4B	Mx	0	2.25
25	MP4C	X	43.939	2.25
26	MP4C	Z	25.368	2.25
27	MP4C	Mx	-.022	2.25
28	MP3A	X	41.301	3.25
29	MP3A	Z	23.845	3.25
30	MP3A	Mx	.021	3.25
31	MP3B	X	58.482	3.25
32	MP3B	Z	33.764	3.25
33	MP3B	Mx	0	3.25
34	MP3C	X	41.301	3.25
35	MP3C	Z	23.845	3.25
36	MP3C	Mx	-.021	3.25
37	MP3A	X	95.184	1.5
38	MP3A	Z	54.955	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	-.016	1.5
40	MP3A	X	95.184	5
41	MP3A	Z	54.955	5
42	MP3A	Mx	-.016	5
43	MP3B	X	127.596	1.5
44	MP3B	Z	73.668	1.5
45	MP3B	Mx	-.086	1.5
46	MP3B	X	127.596	5
47	MP3B	Z	73.668	5
48	MP3B	Mx	-.086	5
49	MP3C	X	95.184	1.5
50	MP3C	Z	54.955	1.5
51	MP3C	Mx	.08	1.5
52	MP3C	X	95.184	5
53	MP3C	Z	54.955	5
54	MP3C	Mx	.08	5
55	MP3A	X	95.184	1.5
56	MP3A	Z	54.955	1.5
57	MP3A	Mx	-.08	1.5
58	MP3A	X	95.184	5
59	MP3A	Z	54.955	5
60	MP3A	Mx	-.08	5
61	MP3B	X	127.596	1.5
62	MP3B	Z	73.668	1.5
63	MP3B	Mx	.086	1.5
64	MP3B	X	127.596	5
65	MP3B	Z	73.668	5
66	MP3B	Mx	.086	5
67	MP3C	X	95.184	1.5
68	MP3C	Z	54.955	1.5
69	MP3C	Mx	.016	1.5
70	MP3C	X	95.184	5
71	MP3C	Z	54.955	5
72	MP3C	Mx	.016	5
73	OVP	X	104.395	1.5
74	OVP	Z	60.273	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	35.976	1.25
2	MP2A	Z	62.313	1.25
3	MP2A	Mx	-.018	1.25
4	MP2A	X	35.976	3.25
5	MP2A	Z	62.313	3.25
6	MP2A	Mx	-.018	3.25
7	MP2B	X	35.976	1.25
8	MP2B	Z	62.313	1.25
9	MP2B	Mx	-.018	1.25
10	MP2B	X	35.976	3.25
11	MP2B	Z	62.313	3.25
12	MP2B	Mx	-.018	3.25
13	MP2C	X	16.612	1.25
14	MP2C	Z	28.772	1.25
15	MP2C	Mx	.017	1.25
16	MP2C	X	16.612	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	28.772	3.25
18	MP2C	Mx	.017	3.25
19	MP4A	X	30.966	2.25
20	MP4A	Z	53.634	2.25
21	MP4A	Mx	.015	2.25
22	MP4B	X	30.966	2.25
23	MP4B	Z	53.634	2.25
24	MP4B	Mx	.015	2.25
25	MP4C	X	22.57	2.25
26	MP4C	Z	39.092	2.25
27	MP4C	Mx	-.023	2.25
28	MP3A	X	30.458	3.25
29	MP3A	Z	52.755	3.25
30	MP3A	Mx	.015	3.25
31	MP3B	X	30.458	3.25
32	MP3B	Z	52.755	3.25
33	MP3B	Mx	.015	3.25
34	MP3C	X	20.538	3.25
35	MP3C	Z	35.574	3.25
36	MP3C	Mx	-.021	3.25
37	MP3A	X	67.43	1.5
38	MP3A	Z	116.792	1.5
39	MP3A	Mx	.034	1.5
40	MP3A	X	67.43	5
41	MP3A	Z	116.792	5
42	MP3A	Mx	.034	5
43	MP3B	X	67.43	1.5
44	MP3B	Z	116.792	1.5
45	MP3B	Mx	-.102	1.5
46	MP3B	X	67.43	5
47	MP3B	Z	116.792	5
48	MP3B	Mx	-.102	5
49	MP3C	X	48.717	1.5
50	MP3C	Z	84.38	1.5
51	MP3C	Mx	.049	1.5
52	MP3C	X	48.717	5
53	MP3C	Z	84.38	5
54	MP3C	Mx	.049	5
55	MP3A	X	67.43	1.5
56	MP3A	Z	116.792	1.5
57	MP3A	Mx	-.102	1.5
58	MP3A	X	67.43	5
59	MP3A	Z	116.792	5
60	MP3A	Mx	-.102	5
61	MP3B	X	67.43	1.5
62	MP3B	Z	116.792	1.5
63	MP3B	Mx	.034	1.5
64	MP3B	X	67.43	5
65	MP3B	Z	116.792	5
66	MP3B	Mx	.034	5
67	MP3C	X	48.717	1.5
68	MP3C	Z	84.38	1.5
69	MP3C	Mx	.049	1.5
70	MP3C	X	48.717	5
71	MP3C	Z	84.38	5
72	MP3C	Mx	.049	5
73	OVP	X	68.962	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	OVP	Z	119.446	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	84.862	1.25
3	MP2A	Mx	0	1.25
4	MP2A	X	0	3.25
5	MP2A	Z	84.862	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	1.25
8	MP2B	Z	46.133	1.25
9	MP2B	Mx	-.02	1.25
10	MP2B	X	0	3.25
11	MP2B	Z	46.133	3.25
12	MP2B	Mx	-.02	3.25
13	MP2C	X	0	1.25
14	MP2C	Z	46.133	1.25
15	MP2C	Mx	.02	1.25
16	MP2C	X	0	3.25
17	MP2C	Z	46.133	3.25
18	MP2C	Mx	.02	3.25
19	MP4A	X	0	2.25
20	MP4A	Z	67.529	2.25
21	MP4A	Mx	0	2.25
22	MP4B	X	0	2.25
23	MP4B	Z	50.737	2.25
24	MP4B	Mx	.022	2.25
25	MP4C	X	0	2.25
26	MP4C	Z	50.737	2.25
27	MP4C	Mx	-.022	2.25
28	MP3A	X	0	3.25
29	MP3A	Z	67.529	3.25
30	MP3A	Mx	0	3.25
31	MP3B	X	0	3.25
32	MP3B	Z	47.69	3.25
33	MP3B	Mx	.021	3.25
34	MP3C	X	0	3.25
35	MP3C	Z	47.69	3.25
36	MP3C	Mx	-.021	3.25
37	MP3A	X	0	1.5
38	MP3A	Z	147.335	1.5
39	MP3A	Mx	.086	1.5
40	MP3A	X	0	5
41	MP3A	Z	147.335	5
42	MP3A	Mx	.086	5
43	MP3B	X	0	1.5
44	MP3B	Z	109.909	1.5
45	MP3B	Mx	-.08	1.5
46	MP3B	X	0	5
47	MP3B	Z	109.909	5
48	MP3B	Mx	-.08	5
49	MP3C	X	0	1.5
50	MP3C	Z	109.909	1.5
51	MP3C	Mx	.016	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	0	5
53	MP3C	Z	109.909	5
54	MP3C	Mx	.016	5
55	MP3A	X	0	1.5
56	MP3A	Z	147.335	1.5
57	MP3A	Mx	-.086	1.5
58	MP3A	X	0	5
59	MP3A	Z	147.335	5
60	MP3A	Mx	-.086	5
61	MP3B	X	0	1.5
62	MP3B	Z	109.909	1.5
63	MP3B	Mx	-.016	1.5
64	MP3B	X	0	5
65	MP3B	Z	109.909	5
66	MP3B	Mx	-.016	5
67	MP3C	X	0	1.5
68	MP3C	Z	109.909	1.5
69	MP3C	Mx	.08	1.5
70	MP3C	X	0	5
71	MP3C	Z	109.909	5
72	MP3C	Mx	.08	5
73	OVP	X	0	1.5
74	OVP	Z	146.613	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-35.976	1.25
2	MP2A	Z	62.313	1.25
3	MP2A	Mx	.018	1.25
4	MP2A	X	-35.976	3.25
5	MP2A	Z	62.313	3.25
6	MP2A	Mx	.018	3.25
7	MP2B	X	-16.612	1.25
8	MP2B	Z	28.772	1.25
9	MP2B	Mx	-.017	1.25
10	MP2B	X	-16.612	3.25
11	MP2B	Z	28.772	3.25
12	MP2B	Mx	-.017	3.25
13	MP2C	X	-35.976	1.25
14	MP2C	Z	62.313	1.25
15	MP2C	Mx	.018	1.25
16	MP2C	X	-35.976	3.25
17	MP2C	Z	62.313	3.25
18	MP2C	Mx	.018	3.25
19	MP4A	X	-30.966	2.25
20	MP4A	Z	53.634	2.25
21	MP4A	Mx	-.015	2.25
22	MP4B	X	-22.57	2.25
23	MP4B	Z	39.092	2.25
24	MP4B	Mx	.023	2.25
25	MP4C	X	-30.966	2.25
26	MP4C	Z	53.634	2.25
27	MP4C	Mx	-.015	2.25
28	MP3A	X	-30.458	3.25
29	MP3A	Z	52.755	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3A	Mx	-.015	3.25
31	MP3B	X	-20.538	3.25
32	MP3B	Z	35.574	3.25
33	MP3B	Mx	.021	3.25
34	MP3C	X	-30.458	3.25
35	MP3C	Z	52.755	3.25
36	MP3C	Mx	-.015	3.25
37	MP3A	X	-67.43	1.5
38	MP3A	Z	116.792	1.5
39	MP3A	Mx	.102	1.5
40	MP3A	X	-67.43	5
41	MP3A	Z	116.792	5
42	MP3A	Mx	.102	5
43	MP3B	X	-48.717	1.5
44	MP3B	Z	84.38	1.5
45	MP3B	Mx	-.049	1.5
46	MP3B	X	-48.717	5
47	MP3B	Z	84.38	5
48	MP3B	Mx	-.049	5
49	MP3C	X	-67.43	1.5
50	MP3C	Z	116.792	1.5
51	MP3C	Mx	-.034	1.5
52	MP3C	X	-67.43	5
53	MP3C	Z	116.792	5
54	MP3C	Mx	-.034	5
55	MP3A	X	-67.43	1.5
56	MP3A	Z	116.792	1.5
57	MP3A	Mx	-.034	1.5
58	MP3A	X	-67.43	5
59	MP3A	Z	116.792	5
60	MP3A	Mx	-.034	5
61	MP3B	X	-48.717	1.5
62	MP3B	Z	84.38	1.5
63	MP3B	Mx	-.049	1.5
64	MP3B	X	-48.717	5
65	MP3B	Z	84.38	5
66	MP3B	Mx	-.049	5
67	MP3C	X	-67.43	1.5
68	MP3C	Z	116.792	1.5
69	MP3C	Mx	.102	1.5
70	MP3C	X	-67.43	5
71	MP3C	Z	116.792	5
72	MP3C	Mx	.102	5
73	OVP	X	-68.962	1.5
74	OVP	Z	119.446	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-39.952	1.25
2	MP2A	Z	23.067	1.25
3	MP2A	Mx	.02	1.25
4	MP2A	X	-39.952	3.25
5	MP2A	Z	23.067	3.25
6	MP2A	Mx	.02	3.25
7	MP2B	X	-39.952	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	23.067	1.25
9	MP2B	Mx	-.02	1.25
10	MP2B	X	-39.952	3.25
11	MP2B	Z	23.067	3.25
12	MP2B	Mx	-.02	3.25
13	MP2C	X	-73.493	1.25
14	MP2C	Z	42.431	1.25
15	MP2C	Mx	0	1.25
16	MP2C	X	-73.493	3.25
17	MP2C	Z	42.431	3.25
18	MP2C	Mx	0	3.25
19	MP4A	X	-43.939	2.25
20	MP4A	Z	25.368	2.25
21	MP4A	Mx	-.022	2.25
22	MP4B	X	-43.939	2.25
23	MP4B	Z	25.368	2.25
24	MP4B	Mx	.022	2.25
25	MP4C	X	-58.482	2.25
26	MP4C	Z	33.764	2.25
27	MP4C	Mx	0	2.25
28	MP3A	X	-41.301	3.25
29	MP3A	Z	23.845	3.25
30	MP3A	Mx	-.021	3.25
31	MP3B	X	-41.301	3.25
32	MP3B	Z	23.845	3.25
33	MP3B	Mx	.021	3.25
34	MP3C	X	-58.482	3.25
35	MP3C	Z	33.764	3.25
36	MP3C	Mx	0	3.25
37	MP3A	X	-95.184	1.5
38	MP3A	Z	54.955	1.5
39	MP3A	Mx	.08	1.5
40	MP3A	X	-95.184	5
41	MP3A	Z	54.955	5
42	MP3A	Mx	.08	5
43	MP3B	X	-95.184	1.5
44	MP3B	Z	54.955	1.5
45	MP3B	Mx	-.016	1.5
46	MP3B	X	-95.184	5
47	MP3B	Z	54.955	5
48	MP3B	Mx	-.016	5
49	MP3C	X	-127.596	1.5
50	MP3C	Z	73.668	1.5
51	MP3C	Mx	-.086	1.5
52	MP3C	X	-127.596	5
53	MP3C	Z	73.668	5
54	MP3C	Mx	-.086	5
55	MP3A	X	-95.184	1.5
56	MP3A	Z	54.955	1.5
57	MP3A	Mx	.016	1.5
58	MP3A	X	-95.184	5
59	MP3A	Z	54.955	5
60	MP3A	Mx	.016	5
61	MP3B	X	-95.184	1.5
62	MP3B	Z	54.955	1.5
63	MP3B	Mx	-.08	1.5
64	MP3B	X	-95.184	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	Z	54.955	5
66	MP3B	Mx	-.08	5
67	MP3C	X	-127.596	1.5
68	MP3C	Z	73.668	1.5
69	MP3C	Mx	.086	1.5
70	MP3C	X	-127.596	5
71	MP3C	Z	73.668	5
72	MP3C	Mx	.086	5
73	OVP	X	-104.395	1.5
74	OVP	Z	60.273	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-33.223	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	.017	1.25
4	MP2A	X	-33.223	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	.017	3.25
7	MP2B	X	-71.953	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	-.018	1.25
10	MP2B	X	-71.953	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	-.018	3.25
13	MP2C	X	-71.953	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	-.018	1.25
16	MP2C	X	-71.953	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	-.018	3.25
19	MP4A	X	-45.14	2.25
20	MP4A	Z	0	2.25
21	MP4A	Mx	-.023	2.25
22	MP4B	X	-61.931	2.25
23	MP4B	Z	0	2.25
24	MP4B	Mx	.015	2.25
25	MP4C	X	-61.931	2.25
26	MP4C	Z	0	2.25
27	MP4C	Mx	.015	2.25
28	MP3A	X	-41.077	3.25
29	MP3A	Z	0	3.25
30	MP3A	Mx	-.021	3.25
31	MP3B	X	-60.916	3.25
32	MP3B	Z	0	3.25
33	MP3B	Mx	.015	3.25
34	MP3C	X	-60.916	3.25
35	MP3C	Z	0	3.25
36	MP3C	Mx	.015	3.25
37	MP3A	X	-97.434	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	.049	1.5
40	MP3A	X	-97.434	5
41	MP3A	Z	0	5
42	MP3A	Mx	.049	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	-134.86	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	.034	1.5
46	MP3B	X	-134.86	5
47	MP3B	Z	0	5
48	MP3B	Mx	.034	5
49	MP3C	X	-134.86	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	-.102	1.5
52	MP3C	X	-134.86	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.102	5
55	MP3A	X	-97.434	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	.049	1.5
58	MP3A	X	-97.434	5
59	MP3A	Z	0	5
60	MP3A	Mx	.049	5
61	MP3B	X	-134.86	1.5
62	MP3B	Z	0	1.5
63	MP3B	Mx	-.102	1.5
64	MP3B	X	-134.86	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.102	5
67	MP3C	X	-134.86	1.5
68	MP3C	Z	0	1.5
69	MP3C	Mx	.034	1.5
70	MP3C	X	-134.86	5
71	MP3C	Z	0	5
72	MP3C	Mx	.034	5
73	OVP	X	-111.856	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-39.952	1.25
2	MP2A	Z	-23.067	1.25
3	MP2A	Mx	.02	1.25
4	MP2A	X	-39.952	3.25
5	MP2A	Z	-23.067	3.25
6	MP2A	Mx	.02	3.25
7	MP2B	X	-73.493	1.25
8	MP2B	Z	-42.431	1.25
9	MP2B	Mx	0	1.25
10	MP2B	X	-73.493	3.25
11	MP2B	Z	-42.431	3.25
12	MP2B	Mx	0	3.25
13	MP2C	X	-39.952	1.25
14	MP2C	Z	-23.067	1.25
15	MP2C	Mx	-.02	1.25
16	MP2C	X	-39.952	3.25
17	MP2C	Z	-23.067	3.25
18	MP2C	Mx	-.02	3.25
19	MP4A	X	-43.939	2.25
20	MP4A	Z	-25.368	2.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP4A	Mx	-.022	2.25
22	MP4B	X	-58.482	2.25
23	MP4B	Z	-33.764	2.25
24	MP4B	Mx	0	2.25
25	MP4C	X	-43.939	2.25
26	MP4C	Z	-25.368	2.25
27	MP4C	Mx	.022	2.25
28	MP3A	X	-41.301	3.25
29	MP3A	Z	-23.845	3.25
30	MP3A	Mx	-.021	3.25
31	MP3B	X	-58.482	3.25
32	MP3B	Z	-33.764	3.25
33	MP3B	Mx	0	3.25
34	MP3C	X	-41.301	3.25
35	MP3C	Z	-23.845	3.25
36	MP3C	Mx	.021	3.25
37	MP3A	X	-95.184	1.5
38	MP3A	Z	-54.955	1.5
39	MP3A	Mx	.016	1.5
40	MP3A	X	-95.184	5
41	MP3A	Z	-54.955	5
42	MP3A	Mx	.016	5
43	MP3B	X	-127.596	1.5
44	MP3B	Z	-73.668	1.5
45	MP3B	Mx	.086	1.5
46	MP3B	X	-127.596	5
47	MP3B	Z	-73.668	5
48	MP3B	Mx	.086	5
49	MP3C	X	-95.184	1.5
50	MP3C	Z	-54.955	1.5
51	MP3C	Mx	-.08	1.5
52	MP3C	X	-95.184	5
53	MP3C	Z	-54.955	5
54	MP3C	Mx	-.08	5
55	MP3A	X	-95.184	1.5
56	MP3A	Z	-54.955	1.5
57	MP3A	Mx	.08	1.5
58	MP3A	X	-95.184	5
59	MP3A	Z	-54.955	5
60	MP3A	Mx	.08	5
61	MP3B	X	-127.596	1.5
62	MP3B	Z	-73.668	1.5
63	MP3B	Mx	-.086	1.5
64	MP3B	X	-127.596	5
65	MP3B	Z	-73.668	5
66	MP3B	Mx	-.086	5
67	MP3C	X	-95.184	1.5
68	MP3C	Z	-54.955	1.5
69	MP3C	Mx	-.016	1.5
70	MP3C	X	-95.184	5
71	MP3C	Z	-54.955	5
72	MP3C	Mx	-.016	5
73	OVP	X	-104.395	1.5
74	OVP	Z	-60.273	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-35.976	1.25
2	MP2A	Z	-62.313	1.25
3	MP2A	Mx	.018	1.25
4	MP2A	X	-35.976	3.25
5	MP2A	Z	-62.313	3.25
6	MP2A	Mx	.018	3.25
7	MP2B	X	-35.976	1.25
8	MP2B	Z	-62.313	1.25
9	MP2B	Mx	.018	1.25
10	MP2B	X	-35.976	3.25
11	MP2B	Z	-62.313	3.25
12	MP2B	Mx	.018	3.25
13	MP2C	X	-16.612	1.25
14	MP2C	Z	-28.772	1.25
15	MP2C	Mx	-.017	1.25
16	MP2C	X	-16.612	3.25
17	MP2C	Z	-28.772	3.25
18	MP2C	Mx	-.017	3.25
19	MP4A	X	-30.966	2.25
20	MP4A	Z	-53.634	2.25
21	MP4A	Mx	-.015	2.25
22	MP4B	X	-30.966	2.25
23	MP4B	Z	-53.634	2.25
24	MP4B	Mx	-.015	2.25
25	MP4C	X	-22.57	2.25
26	MP4C	Z	-39.092	2.25
27	MP4C	Mx	.023	2.25
28	MP3A	X	-30.458	3.25
29	MP3A	Z	-52.755	3.25
30	MP3A	Mx	-.015	3.25
31	MP3B	X	-30.458	3.25
32	MP3B	Z	-52.755	3.25
33	MP3B	Mx	-.015	3.25
34	MP3C	X	-20.538	3.25
35	MP3C	Z	-35.574	3.25
36	MP3C	Mx	.021	3.25
37	MP3A	X	-67.43	1.5
38	MP3A	Z	-116.792	1.5
39	MP3A	Mx	-.034	1.5
40	MP3A	X	-67.43	5
41	MP3A	Z	-116.792	5
42	MP3A	Mx	-.034	5
43	MP3B	X	-67.43	1.5
44	MP3B	Z	-116.792	1.5
45	MP3B	Mx	.102	1.5
46	MP3B	X	-67.43	5
47	MP3B	Z	-116.792	5
48	MP3B	Mx	.102	5
49	MP3C	X	-48.717	1.5
50	MP3C	Z	-84.38	1.5
51	MP3C	Mx	-.049	1.5
52	MP3C	X	-48.717	5
53	MP3C	Z	-84.38	5
54	MP3C	Mx	-.049	5
55	MP3A	X	-67.43	1.5
56	MP3A	Z	-116.792	1.5
57	MP3A	Mx	.102	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-67.43	5
59	MP3A	Z	-116.792	5
60	MP3A	Mx	.102	5
61	MP3B	X	-67.43	1.5
62	MP3B	Z	-116.792	1.5
63	MP3B	Mx	-.034	1.5
64	MP3B	X	-67.43	5
65	MP3B	Z	-116.792	5
66	MP3B	Mx	-.034	5
67	MP3C	X	-48.717	1.5
68	MP3C	Z	-84.38	1.5
69	MP3C	Mx	-.049	1.5
70	MP3C	X	-48.717	5
71	MP3C	Z	-84.38	5
72	MP3C	Mx	-.049	5
73	OVP	X	-68.962	1.5
74	OVP	Z	-119.446	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	-18.739	1.25
3	MP2A	Mx	0	1.25
4	MP2A	X	0	3.25
5	MP2A	Z	-18.739	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	1.25
8	MP2B	Z	-10.893	1.25
9	MP2B	Mx	.005	1.25
10	MP2B	X	0	3.25
11	MP2B	Z	-10.893	3.25
12	MP2B	Mx	.005	3.25
13	MP2C	X	0	1.25
14	MP2C	Z	-10.893	1.25
15	MP2C	Mx	-.005	1.25
16	MP2C	X	0	3.25
17	MP2C	Z	-10.893	3.25
18	MP2C	Mx	-.005	3.25
19	MP4A	X	0	2.25
20	MP4A	Z	-16.175	2.25
21	MP4A	Mx	0	2.25
22	MP4B	X	0	2.25
23	MP4B	Z	-12.625	2.25
24	MP4B	Mx	-.005	2.25
25	MP4C	X	0	2.25
26	MP4C	Z	-12.625	2.25
27	MP4C	Mx	.005	2.25
28	MP3A	X	0	3.25
29	MP3A	Z	-16.175	3.25
30	MP3A	Mx	0	3.25
31	MP3B	X	0	3.25
32	MP3B	Z	-11.986	3.25
33	MP3B	Mx	-.005	3.25
34	MP3C	X	0	3.25
35	MP3C	Z	-11.986	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.005	3.25
37	MP3A	X	0	1.5
38	MP3A	Z	-31.493	1.5
39	MP3A	Mx	-.018	1.5
40	MP3A	X	0	5
41	MP3A	Z	-31.493	5
42	MP3A	Mx	-.018	5
43	MP3B	X	0	1.5
44	MP3B	Z	-24.44	1.5
45	MP3B	Mx	.018	1.5
46	MP3B	X	0	5
47	MP3B	Z	-24.44	5
48	MP3B	Mx	.018	5
49	MP3C	X	0	1.5
50	MP3C	Z	-24.44	1.5
51	MP3C	Mx	-.003	1.5
52	MP3C	X	0	5
53	MP3C	Z	-24.44	5
54	MP3C	Mx	-.003	5
55	MP3A	X	0	1.5
56	MP3A	Z	-31.493	1.5
57	MP3A	Mx	.018	1.5
58	MP3A	X	0	5
59	MP3A	Z	-31.493	5
60	MP3A	Mx	.018	5
61	MP3B	X	0	1.5
62	MP3B	Z	-24.44	1.5
63	MP3B	Mx	.003	1.5
64	MP3B	X	0	5
65	MP3B	Z	-24.44	5
66	MP3B	Mx	.003	5
67	MP3C	X	0	1.5
68	MP3C	Z	-24.44	1.5
69	MP3C	Mx	-.018	1.5
70	MP3C	X	0	5
71	MP3C	Z	-24.44	5
72	MP3C	Mx	-.018	5
73	OVP	X	0	1.5
74	OVP	Z	-32.536	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.062	1.25
2	MP2A	Z	-13.964	1.25
3	MP2A	Mx	-.004	1.25
4	MP2A	X	8.062	3.25
5	MP2A	Z	-13.964	3.25
6	MP2A	Mx	-.004	3.25
7	MP2B	X	4.139	1.25
8	MP2B	Z	-7.169	1.25
9	MP2B	Mx	.004	1.25
10	MP2B	X	4.139	3.25
11	MP2B	Z	-7.169	3.25
12	MP2B	Mx	.004	3.25
13	MP2C	X	8.062	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-13.964	1.25
15	MP2C	Mx	-.004	1.25
16	MP2C	X	8.062	3.25
17	MP2C	Z	-13.964	3.25
18	MP2C	Mx	-.004	3.25
19	MP4A	X	7.496	2.25
20	MP4A	Z	-12.983	2.25
21	MP4A	Mx	.004	2.25
22	MP4B	X	5.721	2.25
23	MP4B	Z	-9.909	2.25
24	MP4B	Mx	-.006	2.25
25	MP4C	X	7.496	2.25
26	MP4C	Z	-12.983	2.25
27	MP4C	Mx	.004	2.25
28	MP3A	X	7.389	3.25
29	MP3A	Z	-12.799	3.25
30	MP3A	Mx	.004	3.25
31	MP3B	X	5.295	3.25
32	MP3B	Z	-9.171	3.25
33	MP3B	Mx	-.005	3.25
34	MP3C	X	7.389	3.25
35	MP3C	Z	-12.799	3.25
36	MP3C	Mx	.004	3.25
37	MP3A	X	14.571	1.5
38	MP3A	Z	-25.238	1.5
39	MP3A	Mx	-.022	1.5
40	MP3A	X	14.571	5
41	MP3A	Z	-25.238	5
42	MP3A	Mx	-.022	5
43	MP3B	X	11.045	1.5
44	MP3B	Z	-19.13	1.5
45	MP3B	Mx	.011	1.5
46	MP3B	X	11.045	5
47	MP3B	Z	-19.13	5
48	MP3B	Mx	.011	5
49	MP3C	X	14.571	1.5
50	MP3C	Z	-25.238	1.5
51	MP3C	Mx	.007	1.5
52	MP3C	X	14.571	5
53	MP3C	Z	-25.238	5
54	MP3C	Mx	.007	5
55	MP3A	X	14.571	1.5
56	MP3A	Z	-25.238	1.5
57	MP3A	Mx	.007	1.5
58	MP3A	X	14.571	5
59	MP3A	Z	-25.238	5
60	MP3A	Mx	.007	5
61	MP3B	X	11.045	1.5
62	MP3B	Z	-19.13	1.5
63	MP3B	Mx	.011	1.5
64	MP3B	X	11.045	5
65	MP3B	Z	-19.13	5
66	MP3B	Mx	.011	5
67	MP3C	X	14.571	1.5
68	MP3C	Z	-25.238	1.5
69	MP3C	Mx	-.022	1.5
70	MP3C	X	14.571	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	-25.238	5
72	MP3C	Mx	-.022	5
73	OVP	X	15.411	1.5
74	OVP	Z	-26.693	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.434	1.25
2	MP2A	Z	-5.447	1.25
3	MP2A	Mx	-.005	1.25
4	MP2A	X	9.434	3.25
5	MP2A	Z	-5.447	3.25
6	MP2A	Mx	-.005	3.25
7	MP2B	X	9.434	1.25
8	MP2B	Z	-5.447	1.25
9	MP2B	Mx	.005	1.25
10	MP2B	X	9.434	3.25
11	MP2B	Z	-5.447	3.25
12	MP2B	Mx	.005	3.25
13	MP2C	X	16.229	1.25
14	MP2C	Z	-9.37	1.25
15	MP2C	Mx	0	1.25
16	MP2C	X	16.229	3.25
17	MP2C	Z	-9.37	3.25
18	MP2C	Mx	0	3.25
19	MP4A	X	10.934	2.25
20	MP4A	Z	-6.313	2.25
21	MP4A	Mx	.005	2.25
22	MP4B	X	10.934	2.25
23	MP4B	Z	-6.313	2.25
24	MP4B	Mx	-.005	2.25
25	MP4C	X	14.008	2.25
26	MP4C	Z	-8.087	2.25
27	MP4C	Mx	0	2.25
28	MP3A	X	10.38	3.25
29	MP3A	Z	-5.993	3.25
30	MP3A	Mx	.005	3.25
31	MP3B	X	10.38	3.25
32	MP3B	Z	-5.993	3.25
33	MP3B	Mx	-.005	3.25
34	MP3C	X	14.008	3.25
35	MP3C	Z	-8.087	3.25
36	MP3C	Mx	0	3.25
37	MP3A	X	21.166	1.5
38	MP3A	Z	-12.22	1.5
39	MP3A	Mx	-.018	1.5
40	MP3A	X	21.166	5
41	MP3A	Z	-12.22	5
42	MP3A	Mx	-.018	5
43	MP3B	X	21.166	1.5
44	MP3B	Z	-12.22	1.5
45	MP3B	Mx	.003	1.5
46	MP3B	X	21.166	5
47	MP3B	Z	-12.22	5
48	MP3B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	27.274	1.5
50	MP3C	Z	-15.746	1.5
51	MP3C	Mx	.018	1.5
52	MP3C	X	27.274	5
53	MP3C	Z	-15.746	5
54	MP3C	Mx	.018	5
55	MP3A	X	21.166	1.5
56	MP3A	Z	-12.22	1.5
57	MP3A	Mx	-.003	1.5
58	MP3A	X	21.166	5
59	MP3A	Z	-12.22	5
60	MP3A	Mx	-.003	5
61	MP3B	X	21.166	1.5
62	MP3B	Z	-12.22	1.5
63	MP3B	Mx	.018	1.5
64	MP3B	X	21.166	5
65	MP3B	Z	-12.22	5
66	MP3B	Mx	.018	5
67	MP3C	X	27.274	1.5
68	MP3C	Z	-15.746	1.5
69	MP3C	Mx	-.018	1.5
70	MP3C	X	27.274	5
71	MP3C	Z	-15.746	5
72	MP3C	Mx	-.018	5
73	OVP	X	23.726	1.5
74	OVP	Z	-13.698	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.278	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	-.004	1.25
4	MP2A	X	8.278	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	-.004	3.25
7	MP2B	X	16.124	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	.004	1.25
10	MP2B	X	16.124	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	.004	3.25
13	MP2C	X	16.124	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	.004	1.25
16	MP2C	X	16.124	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	.004	3.25
19	MP4A	X	11.442	2.25
20	MP4A	Z	0	2.25
21	MP4A	Mx	.006	2.25
22	MP4B	X	14.991	2.25
23	MP4B	Z	0	2.25
24	MP4B	Mx	-.004	2.25
25	MP4C	X	14.991	2.25
26	MP4C	Z	0	2.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4C	Mx	-.004	2.25
28	MP3A	X	10.59	3.25
29	MP3A	Z	0	3.25
30	MP3A	Mx	.005	3.25
31	MP3B	X	14.778	3.25
32	MP3B	Z	0	3.25
33	MP3B	Mx	-.004	3.25
34	MP3C	X	14.778	3.25
35	MP3C	Z	0	3.25
36	MP3C	Mx	-.004	3.25
37	MP3A	X	22.089	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	-.011	1.5
40	MP3A	X	22.089	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.011	5
43	MP3B	X	29.142	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	-.007	1.5
46	MP3B	X	29.142	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.007	5
49	MP3C	X	29.142	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	.022	1.5
52	MP3C	X	29.142	5
53	MP3C	Z	0	5
54	MP3C	Mx	.022	5
55	MP3A	X	22.089	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	-.011	1.5
58	MP3A	X	22.089	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.011	5
61	MP3B	X	29.142	1.5
62	MP3B	Z	0	1.5
63	MP3B	Mx	.022	1.5
64	MP3B	X	29.142	5
65	MP3B	Z	0	5
66	MP3B	Mx	.022	5
67	MP3C	X	29.142	1.5
68	MP3C	Z	0	1.5
69	MP3C	Mx	-.007	1.5
70	MP3C	X	29.142	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.007	5
73	OVP	X	25.683	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.434	1.25
2	MP2A	Z	5.447	1.25
3	MP2A	Mx	-.005	1.25
4	MP2A	X	9.434	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	5.447	3.25
6	MP2A	Mx	-.005	3.25
7	MP2B	X	16.229	1.25
8	MP2B	Z	9.37	1.25
9	MP2B	Mx	0	1.25
10	MP2B	X	16.229	3.25
11	MP2B	Z	9.37	3.25
12	MP2B	Mx	0	3.25
13	MP2C	X	9.434	1.25
14	MP2C	Z	5.447	1.25
15	MP2C	Mx	.005	1.25
16	MP2C	X	9.434	3.25
17	MP2C	Z	5.447	3.25
18	MP2C	Mx	.005	3.25
19	MP4A	X	10.934	2.25
20	MP4A	Z	6.313	2.25
21	MP4A	Mx	.005	2.25
22	MP4B	X	14.008	2.25
23	MP4B	Z	8.087	2.25
24	MP4B	Mx	0	2.25
25	MP4C	X	10.934	2.25
26	MP4C	Z	6.313	2.25
27	MP4C	Mx	-.005	2.25
28	MP3A	X	10.38	3.25
29	MP3A	Z	5.993	3.25
30	MP3A	Mx	.005	3.25
31	MP3B	X	14.008	3.25
32	MP3B	Z	8.087	3.25
33	MP3B	Mx	0	3.25
34	MP3C	X	10.38	3.25
35	MP3C	Z	5.993	3.25
36	MP3C	Mx	-.005	3.25
37	MP3A	X	21.166	1.5
38	MP3A	Z	12.22	1.5
39	MP3A	Mx	-.003	1.5
40	MP3A	X	21.166	5
41	MP3A	Z	12.22	5
42	MP3A	Mx	-.003	5
43	MP3B	X	27.274	1.5
44	MP3B	Z	15.746	1.5
45	MP3B	Mx	-.018	1.5
46	MP3B	X	27.274	5
47	MP3B	Z	15.746	5
48	MP3B	Mx	-.018	5
49	MP3C	X	21.166	1.5
50	MP3C	Z	12.22	1.5
51	MP3C	Mx	.018	1.5
52	MP3C	X	21.166	5
53	MP3C	Z	12.22	5
54	MP3C	Mx	.018	5
55	MP3A	X	21.166	1.5
56	MP3A	Z	12.22	1.5
57	MP3A	Mx	-.018	1.5
58	MP3A	X	21.166	5
59	MP3A	Z	12.22	5
60	MP3A	Mx	-.018	5
61	MP3B	X	27.274	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	15.746	1.5
63	MP3B	Mx	.018	1.5
64	MP3B	X	27.274	5
65	MP3B	Z	15.746	5
66	MP3B	Mx	.018	5
67	MP3C	X	21.166	1.5
68	MP3C	Z	12.22	1.5
69	MP3C	Mx	.003	1.5
70	MP3C	X	21.166	5
71	MP3C	Z	12.22	5
72	MP3C	Mx	.003	5
73	OVP	X	23.726	1.5
74	OVP	Z	13.698	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.062	1.25
2	MP2A	Z	13.964	1.25
3	MP2A	Mx	-.004	1.25
4	MP2A	X	8.062	3.25
5	MP2A	Z	13.964	3.25
6	MP2A	Mx	-.004	3.25
7	MP2B	X	8.062	1.25
8	MP2B	Z	13.964	1.25
9	MP2B	Mx	-.004	1.25
10	MP2B	X	8.062	3.25
11	MP2B	Z	13.964	3.25
12	MP2B	Mx	-.004	3.25
13	MP2C	X	4.139	1.25
14	MP2C	Z	7.169	1.25
15	MP2C	Mx	.004	1.25
16	MP2C	X	4.139	3.25
17	MP2C	Z	7.169	3.25
18	MP2C	Mx	.004	3.25
19	MP4A	X	7.496	2.25
20	MP4A	Z	12.983	2.25
21	MP4A	Mx	.004	2.25
22	MP4B	X	7.496	2.25
23	MP4B	Z	12.983	2.25
24	MP4B	Mx	.004	2.25
25	MP4C	X	5.721	2.25
26	MP4C	Z	9.909	2.25
27	MP4C	Mx	-.006	2.25
28	MP3A	X	7.389	3.25
29	MP3A	Z	12.799	3.25
30	MP3A	Mx	.004	3.25
31	MP3B	X	7.389	3.25
32	MP3B	Z	12.799	3.25
33	MP3B	Mx	.004	3.25
34	MP3C	X	5.295	3.25
35	MP3C	Z	9.171	3.25
36	MP3C	Mx	-.005	3.25
37	MP3A	X	14.571	1.5
38	MP3A	Z	25.238	1.5
39	MP3A	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	14.571	5
41	MP3A	Z	25.238	5
42	MP3A	Mx	.007	5
43	MP3B	X	14.571	1.5
44	MP3B	Z	25.238	1.5
45	MP3B	Mx	-.022	1.5
46	MP3B	X	14.571	5
47	MP3B	Z	25.238	5
48	MP3B	Mx	-.022	5
49	MP3C	X	11.045	1.5
50	MP3C	Z	19.13	1.5
51	MP3C	Mx	.011	1.5
52	MP3C	X	11.045	5
53	MP3C	Z	19.13	5
54	MP3C	Mx	.011	5
55	MP3A	X	14.571	1.5
56	MP3A	Z	25.238	1.5
57	MP3A	Mx	-.022	1.5
58	MP3A	X	14.571	5
59	MP3A	Z	25.238	5
60	MP3A	Mx	-.022	5
61	MP3B	X	14.571	1.5
62	MP3B	Z	25.238	1.5
63	MP3B	Mx	.007	1.5
64	MP3B	X	14.571	5
65	MP3B	Z	25.238	5
66	MP3B	Mx	.007	5
67	MP3C	X	11.045	1.5
68	MP3C	Z	19.13	1.5
69	MP3C	Mx	.011	1.5
70	MP3C	X	11.045	5
71	MP3C	Z	19.13	5
72	MP3C	Mx	.011	5
73	OVP	X	15.411	1.5
74	OVP	Z	26.693	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	18.739	1.25
3	MP2A	Mx	0	1.25
4	MP2A	X	0	3.25
5	MP2A	Z	18.739	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	1.25
8	MP2B	Z	10.893	1.25
9	MP2B	Mx	-.005	1.25
10	MP2B	X	0	3.25
11	MP2B	Z	10.893	3.25
12	MP2B	Mx	-.005	3.25
13	MP2C	X	0	1.25
14	MP2C	Z	10.893	1.25
15	MP2C	Mx	.005	1.25
16	MP2C	X	0	3.25
17	MP2C	Z	10.893	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.005	3.25
19	MP4A	X	0	2.25
20	MP4A	Z	16.175	2.25
21	MP4A	Mx	0	2.25
22	MP4B	X	0	2.25
23	MP4B	Z	12.625	2.25
24	MP4B	Mx	.005	2.25
25	MP4C	X	0	2.25
26	MP4C	Z	12.625	2.25
27	MP4C	Mx	-.005	2.25
28	MP3A	X	0	3.25
29	MP3A	Z	16.175	3.25
30	MP3A	Mx	0	3.25
31	MP3B	X	0	3.25
32	MP3B	Z	11.986	3.25
33	MP3B	Mx	.005	3.25
34	MP3C	X	0	3.25
35	MP3C	Z	11.986	3.25
36	MP3C	Mx	-.005	3.25
37	MP3A	X	0	1.5
38	MP3A	Z	31.493	1.5
39	MP3A	Mx	.018	1.5
40	MP3A	X	0	5
41	MP3A	Z	31.493	5
42	MP3A	Mx	.018	5
43	MP3B	X	0	1.5
44	MP3B	Z	24.44	1.5
45	MP3B	Mx	-.018	1.5
46	MP3B	X	0	5
47	MP3B	Z	24.44	5
48	MP3B	Mx	-.018	5
49	MP3C	X	0	1.5
50	MP3C	Z	24.44	1.5
51	MP3C	Mx	.003	1.5
52	MP3C	X	0	5
53	MP3C	Z	24.44	5
54	MP3C	Mx	.003	5
55	MP3A	X	0	1.5
56	MP3A	Z	31.493	1.5
57	MP3A	Mx	-.018	1.5
58	MP3A	X	0	5
59	MP3A	Z	31.493	5
60	MP3A	Mx	-.018	5
61	MP3B	X	0	1.5
62	MP3B	Z	24.44	1.5
63	MP3B	Mx	-.003	1.5
64	MP3B	X	0	5
65	MP3B	Z	24.44	5
66	MP3B	Mx	-.003	5
67	MP3C	X	0	1.5
68	MP3C	Z	24.44	1.5
69	MP3C	Mx	.018	1.5
70	MP3C	X	0	5
71	MP3C	Z	24.44	5
72	MP3C	Mx	.018	5
73	OVP	X	0	1.5
74	OVP	Z	32.536	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.062	1.25
2	MP2A	Z	13.964	1.25
3	MP2A	Mx	.004	1.25
4	MP2A	X	-8.062	3.25
5	MP2A	Z	13.964	3.25
6	MP2A	Mx	.004	3.25
7	MP2B	X	-4.139	1.25
8	MP2B	Z	7.169	1.25
9	MP2B	Mx	-.004	1.25
10	MP2B	X	-4.139	3.25
11	MP2B	Z	7.169	3.25
12	MP2B	Mx	-.004	3.25
13	MP2C	X	-8.062	1.25
14	MP2C	Z	13.964	1.25
15	MP2C	Mx	.004	1.25
16	MP2C	X	-8.062	3.25
17	MP2C	Z	13.964	3.25
18	MP2C	Mx	.004	3.25
19	MP4A	X	-7.496	2.25
20	MP4A	Z	12.983	2.25
21	MP4A	Mx	-.004	2.25
22	MP4B	X	-5.721	2.25
23	MP4B	Z	9.909	2.25
24	MP4B	Mx	.006	2.25
25	MP4C	X	-7.496	2.25
26	MP4C	Z	12.983	2.25
27	MP4C	Mx	-.004	2.25
28	MP3A	X	-7.389	3.25
29	MP3A	Z	12.799	3.25
30	MP3A	Mx	-.004	3.25
31	MP3B	X	-5.295	3.25
32	MP3B	Z	9.171	3.25
33	MP3B	Mx	.005	3.25
34	MP3C	X	-7.389	3.25
35	MP3C	Z	12.799	3.25
36	MP3C	Mx	-.004	3.25
37	MP3A	X	-14.571	1.5
38	MP3A	Z	25.238	1.5
39	MP3A	Mx	.022	1.5
40	MP3A	X	-14.571	5
41	MP3A	Z	25.238	5
42	MP3A	Mx	.022	5
43	MP3B	X	-11.045	1.5
44	MP3B	Z	19.13	1.5
45	MP3B	Mx	-.011	1.5
46	MP3B	X	-11.045	5
47	MP3B	Z	19.13	5
48	MP3B	Mx	-.011	5
49	MP3C	X	-14.571	1.5
50	MP3C	Z	25.238	1.5
51	MP3C	Mx	-.007	1.5
52	MP3C	X	-14.571	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	25.238	5
54	MP3C	Mx	-.007	5
55	MP3A	X	-14.571	1.5
56	MP3A	Z	25.238	1.5
57	MP3A	Mx	-.007	1.5
58	MP3A	X	-14.571	5
59	MP3A	Z	25.238	5
60	MP3A	Mx	-.007	5
61	MP3B	X	-11.045	1.5
62	MP3B	Z	19.13	1.5
63	MP3B	Mx	-.011	1.5
64	MP3B	X	-11.045	5
65	MP3B	Z	19.13	5
66	MP3B	Mx	-.011	5
67	MP3C	X	-14.571	1.5
68	MP3C	Z	25.238	1.5
69	MP3C	Mx	.022	1.5
70	MP3C	X	-14.571	5
71	MP3C	Z	25.238	5
72	MP3C	Mx	.022	5
73	OVP	X	-15.411	1.5
74	OVP	Z	26.693	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.434	1.25
2	MP2A	Z	5.447	1.25
3	MP2A	Mx	.005	1.25
4	MP2A	X	-9.434	3.25
5	MP2A	Z	5.447	3.25
6	MP2A	Mx	.005	3.25
7	MP2B	X	-9.434	1.25
8	MP2B	Z	5.447	1.25
9	MP2B	Mx	-.005	1.25
10	MP2B	X	-9.434	3.25
11	MP2B	Z	5.447	3.25
12	MP2B	Mx	-.005	3.25
13	MP2C	X	-16.229	1.25
14	MP2C	Z	9.37	1.25
15	MP2C	Mx	0	1.25
16	MP2C	X	-16.229	3.25
17	MP2C	Z	9.37	3.25
18	MP2C	Mx	0	3.25
19	MP4A	X	-10.934	2.25
20	MP4A	Z	6.313	2.25
21	MP4A	Mx	-.005	2.25
22	MP4B	X	-10.934	2.25
23	MP4B	Z	6.313	2.25
24	MP4B	Mx	.005	2.25
25	MP4C	X	-14.008	2.25
26	MP4C	Z	8.087	2.25
27	MP4C	Mx	0	2.25
28	MP3A	X	-10.38	3.25
29	MP3A	Z	5.993	3.25
30	MP3A	Mx	-.005	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	-10.38	3.25
32	MP3B	Z	5.993	3.25
33	MP3B	Mx	.005	3.25
34	MP3C	X	-14.008	3.25
35	MP3C	Z	8.087	3.25
36	MP3C	Mx	0	3.25
37	MP3A	X	-21.166	1.5
38	MP3A	Z	12.22	1.5
39	MP3A	Mx	.018	1.5
40	MP3A	X	-21.166	5
41	MP3A	Z	12.22	5
42	MP3A	Mx	.018	5
43	MP3B	X	-21.166	1.5
44	MP3B	Z	12.22	1.5
45	MP3B	Mx	-.003	1.5
46	MP3B	X	-21.166	5
47	MP3B	Z	12.22	5
48	MP3B	Mx	-.003	5
49	MP3C	X	-27.274	1.5
50	MP3C	Z	15.746	1.5
51	MP3C	Mx	-.018	1.5
52	MP3C	X	-27.274	5
53	MP3C	Z	15.746	5
54	MP3C	Mx	-.018	5
55	MP3A	X	-21.166	1.5
56	MP3A	Z	12.22	1.5
57	MP3A	Mx	.003	1.5
58	MP3A	X	-21.166	5
59	MP3A	Z	12.22	5
60	MP3A	Mx	.003	5
61	MP3B	X	-21.166	1.5
62	MP3B	Z	12.22	1.5
63	MP3B	Mx	-.018	1.5
64	MP3B	X	-21.166	5
65	MP3B	Z	12.22	5
66	MP3B	Mx	-.018	5
67	MP3C	X	-27.274	1.5
68	MP3C	Z	15.746	1.5
69	MP3C	Mx	.018	1.5
70	MP3C	X	-27.274	5
71	MP3C	Z	15.746	5
72	MP3C	Mx	.018	5
73	OVP	X	-23.726	1.5
74	OVP	Z	13.698	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.278	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	.004	1.25
4	MP2A	X	-8.278	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	.004	3.25
7	MP2B	X	-16.124	1.25
8	MP2B	Z	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.004	1.25
10	MP2B	X	-16.124	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	-.004	3.25
13	MP2C	X	-16.124	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	-.004	1.25
16	MP2C	X	-16.124	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	-.004	3.25
19	MP4A	X	-11.442	2.25
20	MP4A	Z	0	2.25
21	MP4A	Mx	-.006	2.25
22	MP4B	X	-14.991	2.25
23	MP4B	Z	0	2.25
24	MP4B	Mx	.004	2.25
25	MP4C	X	-14.991	2.25
26	MP4C	Z	0	2.25
27	MP4C	Mx	.004	2.25
28	MP3A	X	-10.59	3.25
29	MP3A	Z	0	3.25
30	MP3A	Mx	-.005	3.25
31	MP3B	X	-14.778	3.25
32	MP3B	Z	0	3.25
33	MP3B	Mx	.004	3.25
34	MP3C	X	-14.778	3.25
35	MP3C	Z	0	3.25
36	MP3C	Mx	.004	3.25
37	MP3A	X	-22.089	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	.011	1.5
40	MP3A	X	-22.089	5
41	MP3A	Z	0	5
42	MP3A	Mx	.011	5
43	MP3B	X	-29.142	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	.007	1.5
46	MP3B	X	-29.142	5
47	MP3B	Z	0	5
48	MP3B	Mx	.007	5
49	MP3C	X	-29.142	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	-.022	1.5
52	MP3C	X	-29.142	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.022	5
55	MP3A	X	-22.089	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	.011	1.5
58	MP3A	X	-22.089	5
59	MP3A	Z	0	5
60	MP3A	Mx	.011	5
61	MP3B	X	-29.142	1.5
62	MP3B	Z	0	1.5
63	MP3B	Mx	-.022	1.5
64	MP3B	X	-29.142	5
65	MP3B	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.022	5
67	MP3C	X	-29.142	1.5
68	MP3C	Z	0	1.5
69	MP3C	Mx	.007	1.5
70	MP3C	X	-29.142	5
71	MP3C	Z	0	5
72	MP3C	Mx	.007	5
73	OVP	X	-25.683	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.434	1.25
2	MP2A	Z	-5.447	1.25
3	MP2A	Mx	.005	1.25
4	MP2A	X	-9.434	3.25
5	MP2A	Z	-5.447	3.25
6	MP2A	Mx	.005	3.25
7	MP2B	X	-16.229	1.25
8	MP2B	Z	-9.37	1.25
9	MP2B	Mx	0	1.25
10	MP2B	X	-16.229	3.25
11	MP2B	Z	-9.37	3.25
12	MP2B	Mx	0	3.25
13	MP2C	X	-9.434	1.25
14	MP2C	Z	-5.447	1.25
15	MP2C	Mx	-.005	1.25
16	MP2C	X	-9.434	3.25
17	MP2C	Z	-5.447	3.25
18	MP2C	Mx	-.005	3.25
19	MP4A	X	-10.934	2.25
20	MP4A	Z	-6.313	2.25
21	MP4A	Mx	-.005	2.25
22	MP4B	X	-14.008	2.25
23	MP4B	Z	-8.087	2.25
24	MP4B	Mx	0	2.25
25	MP4C	X	-10.934	2.25
26	MP4C	Z	-6.313	2.25
27	MP4C	Mx	.005	2.25
28	MP3A	X	-10.38	3.25
29	MP3A	Z	-5.993	3.25
30	MP3A	Mx	-.005	3.25
31	MP3B	X	-14.008	3.25
32	MP3B	Z	-8.087	3.25
33	MP3B	Mx	0	3.25
34	MP3C	X	-10.38	3.25
35	MP3C	Z	-5.993	3.25
36	MP3C	Mx	.005	3.25
37	MP3A	X	-21.166	1.5
38	MP3A	Z	-12.22	1.5
39	MP3A	Mx	.003	1.5
40	MP3A	X	-21.166	5
41	MP3A	Z	-12.22	5
42	MP3A	Mx	.003	5
43	MP3B	X	-27.274	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	-15.746	1.5
45	MP3B	Mx	.018	1.5
46	MP3B	X	-27.274	5
47	MP3B	Z	-15.746	5
48	MP3B	Mx	.018	5
49	MP3C	X	-21.166	1.5
50	MP3C	Z	-12.22	1.5
51	MP3C	Mx	-.018	1.5
52	MP3C	X	-21.166	5
53	MP3C	Z	-12.22	5
54	MP3C	Mx	-.018	5
55	MP3A	X	-21.166	1.5
56	MP3A	Z	-12.22	1.5
57	MP3A	Mx	.018	1.5
58	MP3A	X	-21.166	5
59	MP3A	Z	-12.22	5
60	MP3A	Mx	.018	5
61	MP3B	X	-27.274	1.5
62	MP3B	Z	-15.746	1.5
63	MP3B	Mx	-.018	1.5
64	MP3B	X	-27.274	5
65	MP3B	Z	-15.746	5
66	MP3B	Mx	-.018	5
67	MP3C	X	-21.166	1.5
68	MP3C	Z	-12.22	1.5
69	MP3C	Mx	-.003	1.5
70	MP3C	X	-21.166	5
71	MP3C	Z	-12.22	5
72	MP3C	Mx	-.003	5
73	OVP	X	-23.726	1.5
74	OVP	Z	-13.698	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.062	1.25
2	MP2A	Z	-13.964	1.25
3	MP2A	Mx	.004	1.25
4	MP2A	X	-8.062	3.25
5	MP2A	Z	-13.964	3.25
6	MP2A	Mx	.004	3.25
7	MP2B	X	-8.062	1.25
8	MP2B	Z	-13.964	1.25
9	MP2B	Mx	.004	1.25
10	MP2B	X	-8.062	3.25
11	MP2B	Z	-13.964	3.25
12	MP2B	Mx	.004	3.25
13	MP2C	X	-4.139	1.25
14	MP2C	Z	-7.169	1.25
15	MP2C	Mx	-.004	1.25
16	MP2C	X	-4.139	3.25
17	MP2C	Z	-7.169	3.25
18	MP2C	Mx	-.004	3.25
19	MP4A	X	-7.496	2.25
20	MP4A	Z	-12.983	2.25
21	MP4A	Mx	-.004	2.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP4B	X	-7.496	2.25
23	MP4B	Z	-12.983	2.25
24	MP4B	Mx	-.004	2.25
25	MP4C	X	-5.721	2.25
26	MP4C	Z	-9.909	2.25
27	MP4C	Mx	.006	2.25
28	MP3A	X	-7.389	3.25
29	MP3A	Z	-12.799	3.25
30	MP3A	Mx	-.004	3.25
31	MP3B	X	-7.389	3.25
32	MP3B	Z	-12.799	3.25
33	MP3B	Mx	-.004	3.25
34	MP3C	X	-5.295	3.25
35	MP3C	Z	-9.171	3.25
36	MP3C	Mx	.005	3.25
37	MP3A	X	-14.571	1.5
38	MP3A	Z	-25.238	1.5
39	MP3A	Mx	-.007	1.5
40	MP3A	X	-14.571	5
41	MP3A	Z	-25.238	5
42	MP3A	Mx	-.007	5
43	MP3B	X	-14.571	1.5
44	MP3B	Z	-25.238	1.5
45	MP3B	Mx	.022	1.5
46	MP3B	X	-14.571	5
47	MP3B	Z	-25.238	5
48	MP3B	Mx	.022	5
49	MP3C	X	-11.045	1.5
50	MP3C	Z	-19.13	1.5
51	MP3C	Mx	-.011	1.5
52	MP3C	X	-11.045	5
53	MP3C	Z	-19.13	5
54	MP3C	Mx	-.011	5
55	MP3A	X	-14.571	1.5
56	MP3A	Z	-25.238	1.5
57	MP3A	Mx	.022	1.5
58	MP3A	X	-14.571	5
59	MP3A	Z	-25.238	5
60	MP3A	Mx	.022	5
61	MP3B	X	-14.571	1.5
62	MP3B	Z	-25.238	1.5
63	MP3B	Mx	-.007	1.5
64	MP3B	X	-14.571	5
65	MP3B	Z	-25.238	5
66	MP3B	Mx	-.007	5
67	MP3C	X	-11.045	1.5
68	MP3C	Z	-19.13	1.5
69	MP3C	Mx	-.011	1.5
70	MP3C	X	-11.045	5
71	MP3C	Z	-19.13	5
72	MP3C	Mx	-.011	5
73	OVP	X	-15.411	1.5
74	OVP	Z	-26.693	1.5
75	OVP	Mx	0	1.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	-5.676	1.25
3	MP2A	Mx	0	1.25
4	MP2A	X	0	3.25
5	MP2A	Z	-5.676	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	1.25
8	MP2B	Z	-3.086	1.25
9	MP2B	Mx	.001	1.25
10	MP2B	X	0	3.25
11	MP2B	Z	-3.086	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	0	1.25
14	MP2C	Z	-3.086	1.25
15	MP2C	Mx	-.001	1.25
16	MP2C	X	0	3.25
17	MP2C	Z	-3.086	3.25
18	MP2C	Mx	-.001	3.25
19	MP4A	X	0	2.25
20	MP4A	Z	-4.517	2.25
21	MP4A	Mx	0	2.25
22	MP4B	X	0	2.25
23	MP4B	Z	-3.394	2.25
24	MP4B	Mx	-.001	2.25
25	MP4C	X	0	2.25
26	MP4C	Z	-3.394	2.25
27	MP4C	Mx	.001	2.25
28	MP3A	X	0	3.25
29	MP3A	Z	-4.517	3.25
30	MP3A	Mx	0	3.25
31	MP3B	X	0	3.25
32	MP3B	Z	-3.19	3.25
33	MP3B	Mx	-.001	3.25
34	MP3C	X	0	3.25
35	MP3C	Z	-3.19	3.25
36	MP3C	Mx	.001	3.25
37	MP3A	X	0	1.5
38	MP3A	Z	-9.854	1.5
39	MP3A	Mx	-.006	1.5
40	MP3A	X	0	5
41	MP3A	Z	-9.854	5
42	MP3A	Mx	-.006	5
43	MP3B	X	0	1.5
44	MP3B	Z	-7.351	1.5
45	MP3B	Mx	.005	1.5
46	MP3B	X	0	5
47	MP3B	Z	-7.351	5
48	MP3B	Mx	.005	5
49	MP3C	X	0	1.5
50	MP3C	Z	-7.351	1.5
51	MP3C	Mx	-.001	1.5
52	MP3C	X	0	5
53	MP3C	Z	-7.351	5
54	MP3C	Mx	-.001	5
55	MP3A	X	0	1.5
56	MP3A	Z	-9.854	1.5
57	MP3A	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	5
59	MP3A	Z	-9.854	5
60	MP3A	Mx	.006	5
61	MP3B	X	0	1.5
62	MP3B	Z	-7.351	1.5
63	MP3B	Mx	.001	1.5
64	MP3B	X	0	5
65	MP3B	Z	-7.351	5
66	MP3B	Mx	.001	5
67	MP3C	X	0	1.5
68	MP3C	Z	-7.351	1.5
69	MP3C	Mx	-.005	1.5
70	MP3C	X	0	5
71	MP3C	Z	-7.351	5
72	MP3C	Mx	-.005	5
73	OVP	X	0	1.5
74	OVP	Z	-9.806	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.406	1.25
2	MP2A	Z	-4.168	1.25
3	MP2A	Mx	-.001	1.25
4	MP2A	X	2.406	3.25
5	MP2A	Z	-4.168	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	1.111	1.25
8	MP2B	Z	-1.924	1.25
9	MP2B	Mx	.001	1.25
10	MP2B	X	1.111	3.25
11	MP2B	Z	-1.924	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	2.406	1.25
14	MP2C	Z	-4.168	1.25
15	MP2C	Mx	-.001	1.25
16	MP2C	X	2.406	3.25
17	MP2C	Z	-4.168	3.25
18	MP2C	Mx	-.001	3.25
19	MP4A	X	2.071	2.25
20	MP4A	Z	-3.587	2.25
21	MP4A	Mx	.001	2.25
22	MP4B	X	1.51	2.25
23	MP4B	Z	-2.615	2.25
24	MP4B	Mx	-.002	2.25
25	MP4C	X	2.071	2.25
26	MP4C	Z	-3.587	2.25
27	MP4C	Mx	.001	2.25
28	MP3A	X	2.037	3.25
29	MP3A	Z	-3.528	3.25
30	MP3A	Mx	.001	3.25
31	MP3B	X	1.374	3.25
32	MP3B	Z	-2.379	3.25
33	MP3B	Mx	-.001	3.25
34	MP3C	X	2.037	3.25
35	MP3C	Z	-3.528	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.001	3.25
37	MP3A	X	4.51	1.5
38	MP3A	Z	-7.812	1.5
39	MP3A	Mx	-.007	1.5
40	MP3A	X	4.51	5
41	MP3A	Z	-7.812	5
42	MP3A	Mx	-.007	5
43	MP3B	X	3.258	1.5
44	MP3B	Z	-5.644	1.5
45	MP3B	Mx	.003	1.5
46	MP3B	X	3.258	5
47	MP3B	Z	-5.644	5
48	MP3B	Mx	.003	5
49	MP3C	X	4.51	1.5
50	MP3C	Z	-7.812	1.5
51	MP3C	Mx	.002	1.5
52	MP3C	X	4.51	5
53	MP3C	Z	-7.812	5
54	MP3C	Mx	.002	5
55	MP3A	X	4.51	1.5
56	MP3A	Z	-7.812	1.5
57	MP3A	Mx	.002	1.5
58	MP3A	X	4.51	5
59	MP3A	Z	-7.812	5
60	MP3A	Mx	.002	5
61	MP3B	X	3.258	1.5
62	MP3B	Z	-5.644	1.5
63	MP3B	Mx	.003	1.5
64	MP3B	X	3.258	5
65	MP3B	Z	-5.644	5
66	MP3B	Mx	.003	5
67	MP3C	X	4.51	1.5
68	MP3C	Z	-7.812	1.5
69	MP3C	Mx	-.007	1.5
70	MP3C	X	4.51	5
71	MP3C	Z	-7.812	5
72	MP3C	Mx	-.007	5
73	OVP	X	4.612	1.5
74	OVP	Z	-7.989	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.672	1.25
2	MP2A	Z	-1.543	1.25
3	MP2A	Mx	-.001	1.25
4	MP2A	X	2.672	3.25
5	MP2A	Z	-1.543	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	2.672	1.25
8	MP2B	Z	-1.543	1.25
9	MP2B	Mx	.001	1.25
10	MP2B	X	2.672	3.25
11	MP2B	Z	-1.543	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	4.916	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-2.838	1.25
15	MP2C	Mx	0	1.25
16	MP2C	X	4.916	3.25
17	MP2C	Z	-2.838	3.25
18	MP2C	Mx	0	3.25
19	MP4A	X	2.939	2.25
20	MP4A	Z	-1.697	2.25
21	MP4A	Mx	.001	2.25
22	MP4B	X	2.939	2.25
23	MP4B	Z	-1.697	2.25
24	MP4B	Mx	-.001	2.25
25	MP4C	X	3.912	2.25
26	MP4C	Z	-2.258	2.25
27	MP4C	Mx	0	2.25
28	MP3A	X	2.762	3.25
29	MP3A	Z	-1.595	3.25
30	MP3A	Mx	.001	3.25
31	MP3B	X	2.762	3.25
32	MP3B	Z	-1.595	3.25
33	MP3B	Mx	-.001	3.25
34	MP3C	X	3.912	3.25
35	MP3C	Z	-2.258	3.25
36	MP3C	Mx	0	3.25
37	MP3A	X	6.366	1.5
38	MP3A	Z	-3.676	1.5
39	MP3A	Mx	-.005	1.5
40	MP3A	X	6.366	5
41	MP3A	Z	-3.676	5
42	MP3A	Mx	-.005	5
43	MP3B	X	6.366	1.5
44	MP3B	Z	-3.676	1.5
45	MP3B	Mx	.001	1.5
46	MP3B	X	6.366	5
47	MP3B	Z	-3.676	5
48	MP3B	Mx	.001	5
49	MP3C	X	8.534	1.5
50	MP3C	Z	-4.927	1.5
51	MP3C	Mx	.006	1.5
52	MP3C	X	8.534	5
53	MP3C	Z	-4.927	5
54	MP3C	Mx	.006	5
55	MP3A	X	6.366	1.5
56	MP3A	Z	-3.676	1.5
57	MP3A	Mx	-.001	1.5
58	MP3A	X	6.366	5
59	MP3A	Z	-3.676	5
60	MP3A	Mx	-.001	5
61	MP3B	X	6.366	1.5
62	MP3B	Z	-3.676	1.5
63	MP3B	Mx	.005	1.5
64	MP3B	X	6.366	5
65	MP3B	Z	-3.676	5
66	MP3B	Mx	.005	5
67	MP3C	X	8.534	1.5
68	MP3C	Z	-4.927	1.5
69	MP3C	Mx	-.006	1.5
70	MP3C	X	8.534	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	-4.927	5
72	MP3C	Mx	-.006	5
73	OVP	X	6.982	1.5
74	OVP	Z	-4.031	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.222	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	-.001	1.25
4	MP2A	X	2.222	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	4.813	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	.001	1.25
10	MP2B	X	4.813	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	4.813	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	.001	1.25
16	MP2C	X	4.813	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	.001	3.25
19	MP4A	X	3.019	2.25
20	MP4A	Z	0	2.25
21	MP4A	Mx	.002	2.25
22	MP4B	X	4.142	2.25
23	MP4B	Z	0	2.25
24	MP4B	Mx	-.001	2.25
25	MP4C	X	4.142	2.25
26	MP4C	Z	0	2.25
27	MP4C	Mx	-.001	2.25
28	MP3A	X	2.747	3.25
29	MP3A	Z	0	3.25
30	MP3A	Mx	.001	3.25
31	MP3B	X	4.074	3.25
32	MP3B	Z	0	3.25
33	MP3B	Mx	-.001	3.25
34	MP3C	X	4.074	3.25
35	MP3C	Z	0	3.25
36	MP3C	Mx	-.001	3.25
37	MP3A	X	6.517	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	-.003	1.5
40	MP3A	X	6.517	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.003	5
43	MP3B	X	9.02	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	-.002	1.5
46	MP3B	X	9.02	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	9.02	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	.007	1.5
52	MP3C	X	9.02	5
53	MP3C	Z	0	5
54	MP3C	Mx	.007	5
55	MP3A	X	6.517	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	-.003	1.5
58	MP3A	X	6.517	5
59	MP3A	Z	0	5
60	MP3A	Mx	-.003	5
61	MP3B	X	9.02	1.5
62	MP3B	Z	0	1.5
63	MP3B	Mx	.007	1.5
64	MP3B	X	9.02	5
65	MP3B	Z	0	5
66	MP3B	Mx	.007	5
67	MP3C	X	9.02	1.5
68	MP3C	Z	0	1.5
69	MP3C	Mx	-.002	1.5
70	MP3C	X	9.02	5
71	MP3C	Z	0	5
72	MP3C	Mx	-.002	5
73	OVP	X	7.481	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.672	1.25
2	MP2A	Z	1.543	1.25
3	MP2A	Mx	-.001	1.25
4	MP2A	X	2.672	3.25
5	MP2A	Z	1.543	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	4.916	1.25
8	MP2B	Z	2.838	1.25
9	MP2B	Mx	0	1.25
10	MP2B	X	4.916	3.25
11	MP2B	Z	2.838	3.25
12	MP2B	Mx	0	3.25
13	MP2C	X	2.672	1.25
14	MP2C	Z	1.543	1.25
15	MP2C	Mx	.001	1.25
16	MP2C	X	2.672	3.25
17	MP2C	Z	1.543	3.25
18	MP2C	Mx	.001	3.25
19	MP4A	X	2.939	2.25
20	MP4A	Z	1.697	2.25
21	MP4A	Mx	.001	2.25
22	MP4B	X	3.912	2.25
23	MP4B	Z	2.258	2.25
24	MP4B	Mx	0	2.25
25	MP4C	X	2.939	2.25
26	MP4C	Z	1.697	2.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4C	Mx	-.001	2.25
28	MP3A	X	2.762	3.25
29	MP3A	Z	1.595	3.25
30	MP3A	Mx	.001	3.25
31	MP3B	X	3.912	3.25
32	MP3B	Z	2.258	3.25
33	MP3B	Mx	0	3.25
34	MP3C	X	2.762	3.25
35	MP3C	Z	1.595	3.25
36	MP3C	Mx	-.001	3.25
37	MP3A	X	6.366	1.5
38	MP3A	Z	3.676	1.5
39	MP3A	Mx	-.001	1.5
40	MP3A	X	6.366	5
41	MP3A	Z	3.676	5
42	MP3A	Mx	-.001	5
43	MP3B	X	8.534	1.5
44	MP3B	Z	4.927	1.5
45	MP3B	Mx	-.006	1.5
46	MP3B	X	8.534	5
47	MP3B	Z	4.927	5
48	MP3B	Mx	-.006	5
49	MP3C	X	6.366	1.5
50	MP3C	Z	3.676	1.5
51	MP3C	Mx	.005	1.5
52	MP3C	X	6.366	5
53	MP3C	Z	3.676	5
54	MP3C	Mx	.005	5
55	MP3A	X	6.366	1.5
56	MP3A	Z	3.676	1.5
57	MP3A	Mx	-.005	1.5
58	MP3A	X	6.366	5
59	MP3A	Z	3.676	5
60	MP3A	Mx	-.005	5
61	MP3B	X	8.534	1.5
62	MP3B	Z	4.927	1.5
63	MP3B	Mx	.006	1.5
64	MP3B	X	8.534	5
65	MP3B	Z	4.927	5
66	MP3B	Mx	.006	5
67	MP3C	X	6.366	1.5
68	MP3C	Z	3.676	1.5
69	MP3C	Mx	.001	1.5
70	MP3C	X	6.366	5
71	MP3C	Z	3.676	5
72	MP3C	Mx	.001	5
73	OVP	X	6.982	1.5
74	OVP	Z	4.031	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.406	1.25
2	MP2A	Z	4.168	1.25
3	MP2A	Mx	-.001	1.25
4	MP2A	X	2.406	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	4.168	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	2.406	1.25
8	MP2B	Z	4.168	1.25
9	MP2B	Mx	-.001	1.25
10	MP2B	X	2.406	3.25
11	MP2B	Z	4.168	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	1.111	1.25
14	MP2C	Z	1.924	1.25
15	MP2C	Mx	.001	1.25
16	MP2C	X	1.111	3.25
17	MP2C	Z	1.924	3.25
18	MP2C	Mx	.001	3.25
19	MP4A	X	2.071	2.25
20	MP4A	Z	3.587	2.25
21	MP4A	Mx	.001	2.25
22	MP4B	X	2.071	2.25
23	MP4B	Z	3.587	2.25
24	MP4B	Mx	.001	2.25
25	MP4C	X	1.51	2.25
26	MP4C	Z	2.615	2.25
27	MP4C	Mx	-.002	2.25
28	MP3A	X	2.037	3.25
29	MP3A	Z	3.528	3.25
30	MP3A	Mx	.001	3.25
31	MP3B	X	2.037	3.25
32	MP3B	Z	3.528	3.25
33	MP3B	Mx	.001	3.25
34	MP3C	X	1.374	3.25
35	MP3C	Z	2.379	3.25
36	MP3C	Mx	-.001	3.25
37	MP3A	X	4.51	1.5
38	MP3A	Z	7.812	1.5
39	MP3A	Mx	.002	1.5
40	MP3A	X	4.51	5
41	MP3A	Z	7.812	5
42	MP3A	Mx	.002	5
43	MP3B	X	4.51	1.5
44	MP3B	Z	7.812	1.5
45	MP3B	Mx	-.007	1.5
46	MP3B	X	4.51	5
47	MP3B	Z	7.812	5
48	MP3B	Mx	-.007	5
49	MP3C	X	3.258	1.5
50	MP3C	Z	5.644	1.5
51	MP3C	Mx	.003	1.5
52	MP3C	X	3.258	5
53	MP3C	Z	5.644	5
54	MP3C	Mx	.003	5
55	MP3A	X	4.51	1.5
56	MP3A	Z	7.812	1.5
57	MP3A	Mx	-.007	1.5
58	MP3A	X	4.51	5
59	MP3A	Z	7.812	5
60	MP3A	Mx	-.007	5
61	MP3B	X	4.51	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	7.812	1.5
63	MP3B	Mx	.002	1.5
64	MP3B	X	4.51	5
65	MP3B	Z	7.812	5
66	MP3B	Mx	.002	5
67	MP3C	X	3.258	1.5
68	MP3C	Z	5.644	1.5
69	MP3C	Mx	.003	1.5
70	MP3C	X	3.258	5
71	MP3C	Z	5.644	5
72	MP3C	Mx	.003	5
73	OVP	X	4.612	1.5
74	OVP	Z	7.989	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.25
2	MP2A	Z	5.676	1.25
3	MP2A	Mx	0	1.25
4	MP2A	X	0	3.25
5	MP2A	Z	5.676	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	1.25
8	MP2B	Z	3.086	1.25
9	MP2B	Mx	-.001	1.25
10	MP2B	X	0	3.25
11	MP2B	Z	3.086	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	0	1.25
14	MP2C	Z	3.086	1.25
15	MP2C	Mx	.001	1.25
16	MP2C	X	0	3.25
17	MP2C	Z	3.086	3.25
18	MP2C	Mx	.001	3.25
19	MP4A	X	0	2.25
20	MP4A	Z	4.517	2.25
21	MP4A	Mx	0	2.25
22	MP4B	X	0	2.25
23	MP4B	Z	3.394	2.25
24	MP4B	Mx	.001	2.25
25	MP4C	X	0	2.25
26	MP4C	Z	3.394	2.25
27	MP4C	Mx	-.001	2.25
28	MP3A	X	0	3.25
29	MP3A	Z	4.517	3.25
30	MP3A	Mx	0	3.25
31	MP3B	X	0	3.25
32	MP3B	Z	3.19	3.25
33	MP3B	Mx	.001	3.25
34	MP3C	X	0	3.25
35	MP3C	Z	3.19	3.25
36	MP3C	Mx	-.001	3.25
37	MP3A	X	0	1.5
38	MP3A	Z	9.854	1.5
39	MP3A	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	0	5
41	MP3A	Z	9.854	5
42	MP3A	Mx	.006	5
43	MP3B	X	0	1.5
44	MP3B	Z	7.351	1.5
45	MP3B	Mx	-.005	1.5
46	MP3B	X	0	5
47	MP3B	Z	7.351	5
48	MP3B	Mx	-.005	5
49	MP3C	X	0	1.5
50	MP3C	Z	7.351	1.5
51	MP3C	Mx	.001	1.5
52	MP3C	X	0	5
53	MP3C	Z	7.351	5
54	MP3C	Mx	.001	5
55	MP3A	X	0	1.5
56	MP3A	Z	9.854	1.5
57	MP3A	Mx	-.006	1.5
58	MP3A	X	0	5
59	MP3A	Z	9.854	5
60	MP3A	Mx	-.006	5
61	MP3B	X	0	1.5
62	MP3B	Z	7.351	1.5
63	MP3B	Mx	-.001	1.5
64	MP3B	X	0	5
65	MP3B	Z	7.351	5
66	MP3B	Mx	-.001	5
67	MP3C	X	0	1.5
68	MP3C	Z	7.351	1.5
69	MP3C	Mx	.005	1.5
70	MP3C	X	0	5
71	MP3C	Z	7.351	5
72	MP3C	Mx	.005	5
73	OVP	X	0	1.5
74	OVP	Z	9.806	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.406	1.25
2	MP2A	Z	4.168	1.25
3	MP2A	Mx	.001	1.25
4	MP2A	X	-2.406	3.25
5	MP2A	Z	4.168	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-1.111	1.25
8	MP2B	Z	1.924	1.25
9	MP2B	Mx	-.001	1.25
10	MP2B	X	-1.111	3.25
11	MP2B	Z	1.924	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	-2.406	1.25
14	MP2C	Z	4.168	1.25
15	MP2C	Mx	.001	1.25
16	MP2C	X	-2.406	3.25
17	MP2C	Z	4.168	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.001	3.25
19	MP4A	X	-2.071	2.25
20	MP4A	Z	3.587	2.25
21	MP4A	Mx	-.001	2.25
22	MP4B	X	-1.51	2.25
23	MP4B	Z	2.615	2.25
24	MP4B	Mx	.002	2.25
25	MP4C	X	-2.071	2.25
26	MP4C	Z	3.587	2.25
27	MP4C	Mx	-.001	2.25
28	MP3A	X	-2.037	3.25
29	MP3A	Z	3.528	3.25
30	MP3A	Mx	-.001	3.25
31	MP3B	X	-1.374	3.25
32	MP3B	Z	2.379	3.25
33	MP3B	Mx	.001	3.25
34	MP3C	X	-2.037	3.25
35	MP3C	Z	3.528	3.25
36	MP3C	Mx	-.001	3.25
37	MP3A	X	-4.51	1.5
38	MP3A	Z	7.812	1.5
39	MP3A	Mx	.007	1.5
40	MP3A	X	-4.51	5
41	MP3A	Z	7.812	5
42	MP3A	Mx	.007	5
43	MP3B	X	-3.258	1.5
44	MP3B	Z	5.644	1.5
45	MP3B	Mx	-.003	1.5
46	MP3B	X	-3.258	5
47	MP3B	Z	5.644	5
48	MP3B	Mx	-.003	5
49	MP3C	X	-4.51	1.5
50	MP3C	Z	7.812	1.5
51	MP3C	Mx	-.002	1.5
52	MP3C	X	-4.51	5
53	MP3C	Z	7.812	5
54	MP3C	Mx	-.002	5
55	MP3A	X	-4.51	1.5
56	MP3A	Z	7.812	1.5
57	MP3A	Mx	-.002	1.5
58	MP3A	X	-4.51	5
59	MP3A	Z	7.812	5
60	MP3A	Mx	-.002	5
61	MP3B	X	-3.258	1.5
62	MP3B	Z	5.644	1.5
63	MP3B	Mx	-.003	1.5
64	MP3B	X	-3.258	5
65	MP3B	Z	5.644	5
66	MP3B	Mx	-.003	5
67	MP3C	X	-4.51	1.5
68	MP3C	Z	7.812	1.5
69	MP3C	Mx	.007	1.5
70	MP3C	X	-4.51	5
71	MP3C	Z	7.812	5
72	MP3C	Mx	.007	5
73	OVP	X	-4.612	1.5
74	OVP	Z	7.989	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.672	1.25
2	MP2A	Z	1.543	1.25
3	MP2A	Mx	.001	1.25
4	MP2A	X	-2.672	3.25
5	MP2A	Z	1.543	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-2.672	1.25
8	MP2B	Z	1.543	1.25
9	MP2B	Mx	-.001	1.25
10	MP2B	X	-2.672	3.25
11	MP2B	Z	1.543	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	-4.916	1.25
14	MP2C	Z	2.838	1.25
15	MP2C	Mx	0	1.25
16	MP2C	X	-4.916	3.25
17	MP2C	Z	2.838	3.25
18	MP2C	Mx	0	3.25
19	MP4A	X	-2.939	2.25
20	MP4A	Z	1.697	2.25
21	MP4A	Mx	-.001	2.25
22	MP4B	X	-2.939	2.25
23	MP4B	Z	1.697	2.25
24	MP4B	Mx	.001	2.25
25	MP4C	X	-3.912	2.25
26	MP4C	Z	2.258	2.25
27	MP4C	Mx	0	2.25
28	MP3A	X	-2.762	3.25
29	MP3A	Z	1.595	3.25
30	MP3A	Mx	-.001	3.25
31	MP3B	X	-2.762	3.25
32	MP3B	Z	1.595	3.25
33	MP3B	Mx	.001	3.25
34	MP3C	X	-3.912	3.25
35	MP3C	Z	2.258	3.25
36	MP3C	Mx	0	3.25
37	MP3A	X	-6.366	1.5
38	MP3A	Z	3.676	1.5
39	MP3A	Mx	.005	1.5
40	MP3A	X	-6.366	5
41	MP3A	Z	3.676	5
42	MP3A	Mx	.005	5
43	MP3B	X	-6.366	1.5
44	MP3B	Z	3.676	1.5
45	MP3B	Mx	-.001	1.5
46	MP3B	X	-6.366	5
47	MP3B	Z	3.676	5
48	MP3B	Mx	-.001	5
49	MP3C	X	-8.534	1.5
50	MP3C	Z	4.927	1.5
51	MP3C	Mx	-.006	1.5
52	MP3C	X	-8.534	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	4.927	5
54	MP3C	Mx	-.006	5
55	MP3A	X	-6.366	1.5
56	MP3A	Z	3.676	1.5
57	MP3A	Mx	.001	1.5
58	MP3A	X	-6.366	5
59	MP3A	Z	3.676	5
60	MP3A	Mx	.001	5
61	MP3B	X	-6.366	1.5
62	MP3B	Z	3.676	1.5
63	MP3B	Mx	-.005	1.5
64	MP3B	X	-6.366	5
65	MP3B	Z	3.676	5
66	MP3B	Mx	-.005	5
67	MP3C	X	-8.534	1.5
68	MP3C	Z	4.927	1.5
69	MP3C	Mx	.006	1.5
70	MP3C	X	-8.534	5
71	MP3C	Z	4.927	5
72	MP3C	Mx	.006	5
73	OVP	X	-6.982	1.5
74	OVP	Z	4.031	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.222	1.25
2	MP2A	Z	0	1.25
3	MP2A	Mx	.001	1.25
4	MP2A	X	-2.222	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-4.813	1.25
8	MP2B	Z	0	1.25
9	MP2B	Mx	-.001	1.25
10	MP2B	X	-4.813	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	-4.813	1.25
14	MP2C	Z	0	1.25
15	MP2C	Mx	-.001	1.25
16	MP2C	X	-4.813	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	-.001	3.25
19	MP4A	X	-3.019	2.25
20	MP4A	Z	0	2.25
21	MP4A	Mx	-.002	2.25
22	MP4B	X	-4.142	2.25
23	MP4B	Z	0	2.25
24	MP4B	Mx	.001	2.25
25	MP4C	X	-4.142	2.25
26	MP4C	Z	0	2.25
27	MP4C	Mx	.001	2.25
28	MP3A	X	-2.747	3.25
29	MP3A	Z	0	3.25
30	MP3A	Mx	-.001	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	-4.074	3.25
32	MP3B	Z	0	3.25
33	MP3B	Mx	.001	3.25
34	MP3C	X	-4.074	3.25
35	MP3C	Z	0	3.25
36	MP3C	Mx	.001	3.25
37	MP3A	X	-6.517	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	.003	1.5
40	MP3A	X	-6.517	5
41	MP3A	Z	0	5
42	MP3A	Mx	.003	5
43	MP3B	X	-9.02	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	.002	1.5
46	MP3B	X	-9.02	5
47	MP3B	Z	0	5
48	MP3B	Mx	.002	5
49	MP3C	X	-9.02	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	-.007	1.5
52	MP3C	X	-9.02	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.007	5
55	MP3A	X	-6.517	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	.003	1.5
58	MP3A	X	-6.517	5
59	MP3A	Z	0	5
60	MP3A	Mx	.003	5
61	MP3B	X	-9.02	1.5
62	MP3B	Z	0	1.5
63	MP3B	Mx	-.007	1.5
64	MP3B	X	-9.02	5
65	MP3B	Z	0	5
66	MP3B	Mx	-.007	5
67	MP3C	X	-9.02	1.5
68	MP3C	Z	0	1.5
69	MP3C	Mx	.002	1.5
70	MP3C	X	-9.02	5
71	MP3C	Z	0	5
72	MP3C	Mx	.002	5
73	OVP	X	-7.481	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.672	1.25
2	MP2A	Z	-1.543	1.25
3	MP2A	Mx	.001	1.25
4	MP2A	X	-2.672	3.25
5	MP2A	Z	-1.543	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-4.916	1.25
8	MP2B	Z	-2.838	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	0	1.25
10	MP2B	X	-4.916	3.25
11	MP2B	Z	-2.838	3.25
12	MP2B	Mx	0	3.25
13	MP2C	X	-2.672	1.25
14	MP2C	Z	-1.543	1.25
15	MP2C	Mx	-.001	1.25
16	MP2C	X	-2.672	3.25
17	MP2C	Z	-1.543	3.25
18	MP2C	Mx	-.001	3.25
19	MP4A	X	-2.939	2.25
20	MP4A	Z	-1.697	2.25
21	MP4A	Mx	-.001	2.25
22	MP4B	X	-3.912	2.25
23	MP4B	Z	-2.258	2.25
24	MP4B	Mx	0	2.25
25	MP4C	X	-2.939	2.25
26	MP4C	Z	-1.697	2.25
27	MP4C	Mx	.001	2.25
28	MP3A	X	-2.762	3.25
29	MP3A	Z	-1.595	3.25
30	MP3A	Mx	-.001	3.25
31	MP3B	X	-3.912	3.25
32	MP3B	Z	-2.258	3.25
33	MP3B	Mx	0	3.25
34	MP3C	X	-2.762	3.25
35	MP3C	Z	-1.595	3.25
36	MP3C	Mx	.001	3.25
37	MP3A	X	-6.366	1.5
38	MP3A	Z	-3.676	1.5
39	MP3A	Mx	.001	1.5
40	MP3A	X	-6.366	5
41	MP3A	Z	-3.676	5
42	MP3A	Mx	.001	5
43	MP3B	X	-8.534	1.5
44	MP3B	Z	-4.927	1.5
45	MP3B	Mx	.006	1.5
46	MP3B	X	-8.534	5
47	MP3B	Z	-4.927	5
48	MP3B	Mx	.006	5
49	MP3C	X	-6.366	1.5
50	MP3C	Z	-3.676	1.5
51	MP3C	Mx	-.005	1.5
52	MP3C	X	-6.366	5
53	MP3C	Z	-3.676	5
54	MP3C	Mx	-.005	5
55	MP3A	X	-6.366	1.5
56	MP3A	Z	-3.676	1.5
57	MP3A	Mx	.005	1.5
58	MP3A	X	-6.366	5
59	MP3A	Z	-3.676	5
60	MP3A	Mx	.005	5
61	MP3B	X	-8.534	1.5
62	MP3B	Z	-4.927	1.5
63	MP3B	Mx	-.006	1.5
64	MP3B	X	-8.534	5
65	MP3B	Z	-4.927	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.006	5
67	MP3C	X	-6.366	1.5
68	MP3C	Z	-3.676	1.5
69	MP3C	Mx	-.001	1.5
70	MP3C	X	-6.366	5
71	MP3C	Z	-3.676	5
72	MP3C	Mx	-.001	5
73	OVP	X	-6.982	1.5
74	OVP	Z	-4.031	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.406	1.25
2	MP2A	Z	-4.168	1.25
3	MP2A	Mx	.001	1.25
4	MP2A	X	-2.406	3.25
5	MP2A	Z	-4.168	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-2.406	1.25
8	MP2B	Z	-4.168	1.25
9	MP2B	Mx	.001	1.25
10	MP2B	X	-2.406	3.25
11	MP2B	Z	-4.168	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	-1.111	1.25
14	MP2C	Z	-1.924	1.25
15	MP2C	Mx	-.001	1.25
16	MP2C	X	-1.111	3.25
17	MP2C	Z	-1.924	3.25
18	MP2C	Mx	-.001	3.25
19	MP4A	X	-2.071	2.25
20	MP4A	Z	-3.587	2.25
21	MP4A	Mx	-.001	2.25
22	MP4B	X	-2.071	2.25
23	MP4B	Z	-3.587	2.25
24	MP4B	Mx	-.001	2.25
25	MP4C	X	-1.51	2.25
26	MP4C	Z	-2.615	2.25
27	MP4C	Mx	.002	2.25
28	MP3A	X	-2.037	3.25
29	MP3A	Z	-3.528	3.25
30	MP3A	Mx	-.001	3.25
31	MP3B	X	-2.037	3.25
32	MP3B	Z	-3.528	3.25
33	MP3B	Mx	-.001	3.25
34	MP3C	X	-1.374	3.25
35	MP3C	Z	-2.379	3.25
36	MP3C	Mx	.001	3.25
37	MP3A	X	-4.51	1.5
38	MP3A	Z	-7.812	1.5
39	MP3A	Mx	-.002	1.5
40	MP3A	X	-4.51	5
41	MP3A	Z	-7.812	5
42	MP3A	Mx	-.002	5
43	MP3B	X	-4.51	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	-7.812	1.5
45	MP3B	Mx	.007	1.5
46	MP3B	X	-4.51	5
47	MP3B	Z	-7.812	5
48	MP3B	Mx	.007	5
49	MP3C	X	-3.258	1.5
50	MP3C	Z	-5.644	1.5
51	MP3C	Mx	-.003	1.5
52	MP3C	X	-3.258	5
53	MP3C	Z	-5.644	5
54	MP3C	Mx	-.003	5
55	MP3A	X	-4.51	1.5
56	MP3A	Z	-7.812	1.5
57	MP3A	Mx	.007	1.5
58	MP3A	X	-4.51	5
59	MP3A	Z	-7.812	5
60	MP3A	Mx	.007	5
61	MP3B	X	-4.51	1.5
62	MP3B	Z	-7.812	1.5
63	MP3B	Mx	-.002	1.5
64	MP3B	X	-4.51	5
65	MP3B	Z	-7.812	5
66	MP3B	Mx	-.002	5
67	MP3C	X	-3.258	1.5
68	MP3C	Z	-5.644	1.5
69	MP3C	Mx	-.003	1.5
70	MP3C	X	-3.258	5
71	MP3C	Z	-5.644	5
72	MP3C	Mx	-.003	5
73	OVP	X	-4.612	1.5
74	OVP	Z	-7.989	1.5
75	OVP	Mx	0	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M76	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M74B	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-14.78	-14.78	0	%100
2	M2	Y	-14.78	-14.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M3	Y	-16.209	-16.209	0	%100
4	M4	Y	-23.584	-23.584	0	%100
5	M5	Y	-19.548	-19.548	0	%100
6	M7	Y	-23.584	-23.584	0	%100
7	M8	Y	-23.584	-23.584	0	%100
8	M30	Y	-11.921	-11.921	0	%100
9	M31	Y	-11.921	-11.921	0	%100
10	M33A	Y	-15.132	-15.132	0	%100
11	MP4A	Y	-8.146	-8.146	0	%100
12	OVP	Y	-8.146	-8.146	0	%100
13	M52	Y	-11.921	-11.921	0	%100
14	M53	Y	-11.921	-11.921	0	%100
15	M55	Y	-15.132	-15.132	0	%100
16	M73A	Y	-11.921	-11.921	0	%100
17	M74A	Y	-11.921	-11.921	0	%100
18	M76A	Y	-15.132	-15.132	0	%100
19	M79A	Y	-15.132	-15.132	0	%100
20	M80A	Y	-19.548	-19.548	0	%100
21	M81A	Y	-15.132	-15.132	0	%100
22	M83B	Y	-19.548	-19.548	0	%100
23	M84A	Y	-15.132	-15.132	0	%100
24	MP3A	Y	-8.146	-8.146	0	%100
25	MP2A	Y	-8.146	-8.146	0	%100
26	MP1A	Y	-8.146	-8.146	0	%100
27	M82B	Y	-14.78	-14.78	0	%100
28	MP4C	Y	-8.146	-8.146	0	%100
29	MP3C	Y	-8.146	-8.146	0	%100
30	MP2C	Y	-8.146	-8.146	0	%100
31	MP1C	Y	-8.146	-8.146	0	%100
32	M95	Y	-14.78	-14.78	0	%100
33	MP4B	Y	-8.146	-8.146	0	%100
34	MP3B	Y	-8.146	-8.146	0	%100
35	MP2B	Y	-8.146	-8.146	0	%100
36	MP1B	Y	-8.146	-8.146	0	%100
37	M82C	Y	-14.78	-14.78	0	%100
38	M83D	Y	-16.209	-16.209	0	%100
39	M84C	Y	-23.584	-23.584	0	%100
40	M86A	Y	-23.584	-23.584	0	%100
41	M87A	Y	-23.584	-23.584	0	%100
42	M91A	Y	-14.78	-14.78	0	%100
43	M92	Y	-16.209	-16.209	0	%100
44	M93A	Y	-23.584	-23.584	0	%100
45	M95A	Y	-23.584	-23.584	0	%100
46	M96A	Y	-23.584	-23.584	0	%100
47	M100	Y	-8.146	-8.146	0	%100
48	M105	Y	-8.146	-8.146	0	%100
49	M110	Y	-8.146	-8.146	0	%100
50	M121	Y	-10.492	-10.492	0	%100
51	M122	Y	-10.492	-10.492	0	%100
52	M123	Y	-10.492	-10.492	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-15.047	-15.047	0	%100
3	M2	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-36.112	-36.112	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.806	-1.806	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	-9.028	-9.028	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	-9.028	-9.028	0	%100
15	M30	X	0	0	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	-14.505	-14.505	0	%100
21	MP4A	X	0	0	0	%100
22	MP4A	Z	-8.577	-8.577	0	%100
23	OVP	X	0	0	0	%100
24	OVP	Z	-7.816	-7.816	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	-11.172	-11.172	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	-11.172	-11.172	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	-3.626	-3.626	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	-11.172	-11.172	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	-11.172	-11.172	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	-3.626	-3.626	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	-7.416	-7.416	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	-.451	-.451	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	-29.664	-29.664	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	-.451	-.451	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	-7.416	-7.416	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-8.577	-8.577	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-8.577	-8.577	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	-8.577	-8.577	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	-3.762	-3.762	0	%100
55	MP4C	X	0	0	0	%100
56	MP4C	Z	-8.577	-8.577	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-8.577	-8.577	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-8.577	-8.577	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	MP1C	X	0	0	0	%100
62	MP1C	Z	-8.577	-8.577	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	-3.762	-3.762	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	-8.577	-8.577	0	%100
67	MP3B	X	0	0	0	%100
68	MP3B	Z	-8.577	-8.577	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-8.577	-8.577	0	%100
71	MP1B	X	0	0	0	%100
72	MP1B	Z	-8.577	-8.577	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	-7.862	-7.862	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	-9.854	-9.854	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	-9.028	-9.028	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	-9.028	-9.028	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	-36.112	-36.112	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	-7.862	-7.862	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	-9.854	-9.854	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	-9.028	-9.028	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	-36.112	-36.112	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	-9.028	-9.028	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	-8.577	-8.577	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	-2.144	-2.144	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	-2.144	-2.144	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	-2.804	-2.804	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	-2.804	-2.804	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	-11.218	-11.218	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.642	5.642	0	%100
2	M1	Z	-9.773	-9.773	0	%100
3	M2	X	1.31	1.31	0	%100
4	M2	Z	-2.27	-2.27	0	%100
5	M3	X	1.642	1.642	0	%100
6	M3	Z	-2.845	-2.845	0	%100
7	M4	X	13.542	13.542	0	%100
8	M4	Z	-23.455	-23.455	0	%100
9	M5	X	.677	.677	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	-1.173	-1.173	0	%100
11	M7	X	13.542	13.542	0	%100
12	M7	Z	-23.455	-23.455	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	1.862	1.862	0	%100
16	M30	Z	-3.225	-3.225	0	%100
17	M31	X	1.862	1.862	0	%100
18	M31	Z	-3.225	-3.225	0	%100
19	M33A	X	5.439	5.439	0	%100
20	M33A	Z	-9.421	-9.421	0	%100
21	MP4A	X	4.288	4.288	0	%100
22	MP4A	Z	-7.427	-7.427	0	%100
23	OVP	X	3.908	3.908	0	%100
24	OVP	Z	-6.769	-6.769	0	%100
25	M52	X	1.862	1.862	0	%100
26	M52	Z	-3.225	-3.225	0	%100
27	M53	X	1.862	1.862	0	%100
28	M53	Z	-3.225	-3.225	0	%100
29	M55	X	5.439	5.439	0	%100
30	M55	Z	-9.421	-9.421	0	%100
31	M73A	X	7.448	7.448	0	%100
32	M73A	Z	-12.9	-12.9	0	%100
33	M74A	X	7.448	7.448	0	%100
34	M74A	Z	-12.9	-12.9	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	.677	.677	0	%100
40	M80A	Z	-1.173	-1.173	0	%100
41	M81A	X	11.124	11.124	0	%100
42	M81A	Z	-19.267	-19.267	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	11.124	11.124	0	%100
46	M84A	Z	-19.267	-19.267	0	%100
47	MP3A	X	4.288	4.288	0	%100
48	MP3A	Z	-7.427	-7.427	0	%100
49	MP2A	X	4.288	4.288	0	%100
50	MP2A	Z	-7.427	-7.427	0	%100
51	MP1A	X	4.288	4.288	0	%100
52	MP1A	Z	-7.427	-7.427	0	%100
53	M82B	X	5.642	5.642	0	%100
54	M82B	Z	-9.773	-9.773	0	%100
55	MP4C	X	4.288	4.288	0	%100
56	MP4C	Z	-7.427	-7.427	0	%100
57	MP3C	X	4.288	4.288	0	%100
58	MP3C	Z	-7.427	-7.427	0	%100
59	MP2C	X	4.288	4.288	0	%100
60	MP2C	Z	-7.427	-7.427	0	%100
61	MP1C	X	4.288	4.288	0	%100
62	MP1C	Z	-7.427	-7.427	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	4.288	4.288	0	%100
66	MP4B	Z	-7.427	-7.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP3B	X	4.288	4.288	0	%100
68	MP3B	Z	-7.427	-7.427	0	%100
69	MP2B	X	4.288	4.288	0	%100
70	MP2B	Z	-7.427	-7.427	0	%100
71	MP1B	X	4.288	4.288	0	%100
72	MP1B	Z	-7.427	-7.427	0	%100
73	M82C	X	1.31	1.31	0	%100
74	M82C	Z	-2.27	-2.27	0	%100
75	M83D	X	1.642	1.642	0	%100
76	M83D	Z	-2.845	-2.845	0	%100
77	M84C	X	13.542	13.542	0	%100
78	M84C	Z	-23.455	-23.455	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	13.542	13.542	0	%100
82	M87A	Z	-23.455	-23.455	0	%100
83	M91A	X	5.241	5.241	0	%100
84	M91A	Z	-9.078	-9.078	0	%100
85	M92	X	6.569	6.569	0	%100
86	M92	Z	-11.378	-11.378	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	13.542	13.542	0	%100
90	M95A	Z	-23.455	-23.455	0	%100
91	M96A	X	13.542	13.542	0	%100
92	M96A	Z	-23.455	-23.455	0	%100
93	M100	X	3.216	3.216	0	%100
94	M100	Z	-5.571	-5.571	0	%100
95	M105	X	3.216	3.216	0	%100
96	M105	Z	-5.571	-5.571	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	4.207	4.207	0	%100
100	M121	Z	-7.286	-7.286	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	4.207	4.207	0	%100
104	M123	Z	-7.286	-7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.258	3.258	0	%100
2	M1	Z	-1.881	-1.881	0	%100
3	M2	X	6.809	6.809	0	%100
4	M2	Z	-3.931	-3.931	0	%100
5	M3	X	8.534	8.534	0	%100
6	M3	Z	-4.927	-4.927	0	%100
7	M4	X	7.818	7.818	0	%100
8	M4	Z	-4.514	-4.514	0	%100
9	M5	X	.391	.391	0	%100
10	M5	Z	-.226	-.226	0	%100
11	M7	X	31.274	31.274	0	%100
12	M7	Z	-18.056	-18.056	0	%100
13	M8	X	7.818	7.818	0	%100
14	M8	Z	-4.514	-4.514	0	%100
15	M30	X	9.675	9.675	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M30	Z	-5.586	-5.586	0	%100
17	M31	X	9.675	9.675	0	%100
18	M31	Z	-5.586	-5.586	0	%100
19	M33A	X	3.14	3.14	0	%100
20	M33A	Z	-1.813	-1.813	0	%100
21	MP4A	X	7.427	7.427	0	%100
22	MP4A	Z	-4.288	-4.288	0	%100
23	OVP	X	6.769	6.769	0	%100
24	OVP	Z	-3.908	-3.908	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	12.562	12.562	0	%100
30	M55	Z	-7.252	-7.252	0	%100
31	M73A	X	9.675	9.675	0	%100
32	M73A	Z	-5.586	-5.586	0	%100
33	M74A	X	9.675	9.675	0	%100
34	M74A	Z	-5.586	-5.586	0	%100
35	M76A	X	3.14	3.14	0	%100
36	M76A	Z	-1.813	-1.813	0	%100
37	M79A	X	6.422	6.422	0	%100
38	M79A	Z	-3.708	-3.708	0	%100
39	M80A	X	1.564	1.564	0	%100
40	M80A	Z	-.903	-.903	0	%100
41	M81A	X	6.422	6.422	0	%100
42	M81A	Z	-3.708	-3.708	0	%100
43	M83B	X	.391	.391	0	%100
44	M83B	Z	-.226	-.226	0	%100
45	M84A	X	25.689	25.689	0	%100
46	M84A	Z	-14.832	-14.832	0	%100
47	MP3A	X	7.427	7.427	0	%100
48	MP3A	Z	-4.288	-4.288	0	%100
49	MP2A	X	7.427	7.427	0	%100
50	MP2A	Z	-4.288	-4.288	0	%100
51	MP1A	X	7.427	7.427	0	%100
52	MP1A	Z	-4.288	-4.288	0	%100
53	M82B	X	13.031	13.031	0	%100
54	M82B	Z	-7.523	-7.523	0	%100
55	MP4C	X	7.427	7.427	0	%100
56	MP4C	Z	-4.288	-4.288	0	%100
57	MP3C	X	7.427	7.427	0	%100
58	MP3C	Z	-4.288	-4.288	0	%100
59	MP2C	X	7.427	7.427	0	%100
60	MP2C	Z	-4.288	-4.288	0	%100
61	MP1C	X	7.427	7.427	0	%100
62	MP1C	Z	-4.288	-4.288	0	%100
63	M95	X	3.258	3.258	0	%100
64	M95	Z	-1.881	-1.881	0	%100
65	MP4B	X	7.427	7.427	0	%100
66	MP4B	Z	-4.288	-4.288	0	%100
67	MP3B	X	7.427	7.427	0	%100
68	MP3B	Z	-4.288	-4.288	0	%100
69	MP2B	X	7.427	7.427	0	%100
70	MP2B	Z	-4.288	-4.288	0	%100
71	MP1B	X	7.427	7.427	0	%100
72	MP1B	Z	-4.288	-4.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M82C	X	0	0	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	31.274	31.274	0	%100
78	M84C	Z	-18.056	-18.056	0	%100
79	M86A	X	7.818	7.818	0	%100
80	M86A	Z	-4.514	-4.514	0	%100
81	M87A	X	7.818	7.818	0	%100
82	M87A	Z	-4.514	-4.514	0	%100
83	M91A	X	6.809	6.809	0	%100
84	M91A	Z	-3.931	-3.931	0	%100
85	M92	X	8.534	8.534	0	%100
86	M92	Z	-4.927	-4.927	0	%100
87	M93A	X	7.818	7.818	0	%100
88	M93A	Z	-4.514	-4.514	0	%100
89	M95A	X	7.818	7.818	0	%100
90	M95A	Z	-4.514	-4.514	0	%100
91	M96A	X	31.274	31.274	0	%100
92	M96A	Z	-18.056	-18.056	0	%100
93	M100	X	1.857	1.857	0	%100
94	M100	Z	-1.072	-1.072	0	%100
95	M105	X	7.427	7.427	0	%100
96	M105	Z	-4.288	-4.288	0	%100
97	M110	X	1.857	1.857	0	%100
98	M110	Z	-1.072	-1.072	0	%100
99	M121	X	9.715	9.715	0	%100
100	M121	Z	-5.609	-5.609	0	%100
101	M122	X	2.429	2.429	0	%100
102	M122	Z	-1.402	-1.402	0	%100
103	M123	X	2.429	2.429	0	%100
104	M123	Z	-1.402	-1.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	10.482	10.482	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	13.139	13.139	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M7	X	27.084	27.084	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	27.084	27.084	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	14.896	14.896	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	14.896	14.896	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	0	0	0	%100
21	MP4A	X	8.577	8.577	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	MP4A	Z	0	0	0	%100
23	OVP	X	7.816	7.816	0	%100
24	OVP	Z	0	0	0	%100
25	M52	X	3.724	3.724	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	3.724	3.724	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	10.879	10.879	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	3.724	3.724	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	3.724	3.724	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	10.879	10.879	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	22.248	22.248	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	1.354	1.354	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	0	0	0	%100
43	M83B	X	1.354	1.354	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	22.248	22.248	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	8.577	8.577	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	8.577	8.577	0	%100
50	MP2A	Z	0	0	0	%100
51	MP1A	X	8.577	8.577	0	%100
52	MP1A	Z	0	0	0	%100
53	M82B	X	11.285	11.285	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	8.577	8.577	0	%100
56	MP4C	Z	0	0	0	%100
57	MP3C	X	8.577	8.577	0	%100
58	MP3C	Z	0	0	0	%100
59	MP2C	X	8.577	8.577	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	8.577	8.577	0	%100
62	MP1C	Z	0	0	0	%100
63	M95	X	11.285	11.285	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	8.577	8.577	0	%100
66	MP4B	Z	0	0	0	%100
67	MP3B	X	8.577	8.577	0	%100
68	MP3B	Z	0	0	0	%100
69	MP2B	X	8.577	8.577	0	%100
70	MP2B	Z	0	0	0	%100
71	MP1B	X	8.577	8.577	0	%100
72	MP1B	Z	0	0	0	%100
73	M82C	X	2.621	2.621	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	3.285	3.285	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	27.084	27.084	0	%100
78	M84C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M86A	X	27.084	27.084	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	0	0	0	%100
83	M91A	X	2.621	2.621	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	3.285	3.285	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	27.084	27.084	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	0	0	0	%100
91	M96A	X	27.084	27.084	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M105	X	6.432	6.432	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	6.432	6.432	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	8.413	8.413	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	8.413	8.413	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.258	3.258	0	%100
2	M1	Z	1.881	1.881	0	%100
3	M2	X	6.809	6.809	0	%100
4	M2	Z	3.931	3.931	0	%100
5	M3	X	8.534	8.534	0	%100
6	M3	Z	4.927	4.927	0	%100
7	M4	X	7.818	7.818	0	%100
8	M4	Z	4.514	4.514	0	%100
9	M5	X	.391	.391	0	%100
10	M5	Z	.226	.226	0	%100
11	M7	X	7.818	7.818	0	%100
12	M7	Z	4.514	4.514	0	%100
13	M8	X	31.274	31.274	0	%100
14	M8	Z	18.056	18.056	0	%100
15	M30	X	9.675	9.675	0	%100
16	M30	Z	5.586	5.586	0	%100
17	M31	X	9.675	9.675	0	%100
18	M31	Z	5.586	5.586	0	%100
19	M33A	X	3.14	3.14	0	%100
20	M33A	Z	1.813	1.813	0	%100
21	MP4A	X	7.427	7.427	0	%100
22	MP4A	Z	4.288	4.288	0	%100
23	OVP	X	6.769	6.769	0	%100
24	OVP	Z	3.908	3.908	0	%100
25	M52	X	9.675	9.675	0	%100
26	M52	Z	5.586	5.586	0	%100
27	M53	X	9.675	9.675	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M53	Z	5.586	5.586	0	%100
29	M55	X	3.14	3.14	0	%100
30	M55	Z	1.813	1.813	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	12.562	12.562	0	%100
36	M76A	Z	7.252	7.252	0	%100
37	M79A	X	25.689	25.689	0	%100
38	M79A	Z	14.832	14.832	0	%100
39	M80A	X	.391	.391	0	%100
40	M80A	Z	.226	.226	0	%100
41	M81A	X	6.422	6.422	0	%100
42	M81A	Z	3.708	3.708	0	%100
43	M83B	X	1.564	1.564	0	%100
44	M83B	Z	.903	.903	0	%100
45	M84A	X	6.422	6.422	0	%100
46	M84A	Z	3.708	3.708	0	%100
47	MP3A	X	7.427	7.427	0	%100
48	MP3A	Z	4.288	4.288	0	%100
49	MP2A	X	7.427	7.427	0	%100
50	MP2A	Z	4.288	4.288	0	%100
51	MP1A	X	7.427	7.427	0	%100
52	MP1A	Z	4.288	4.288	0	%100
53	M82B	X	3.258	3.258	0	%100
54	M82B	Z	1.881	1.881	0	%100
55	MP4C	X	7.427	7.427	0	%100
56	MP4C	Z	4.288	4.288	0	%100
57	MP3C	X	7.427	7.427	0	%100
58	MP3C	Z	4.288	4.288	0	%100
59	MP2C	X	7.427	7.427	0	%100
60	MP2C	Z	4.288	4.288	0	%100
61	MP1C	X	7.427	7.427	0	%100
62	MP1C	Z	4.288	4.288	0	%100
63	M95	X	13.031	13.031	0	%100
64	M95	Z	7.523	7.523	0	%100
65	MP4B	X	7.427	7.427	0	%100
66	MP4B	Z	4.288	4.288	0	%100
67	MP3B	X	7.427	7.427	0	%100
68	MP3B	Z	4.288	4.288	0	%100
69	MP2B	X	7.427	7.427	0	%100
70	MP2B	Z	4.288	4.288	0	%100
71	MP1B	X	7.427	7.427	0	%100
72	MP1B	Z	4.288	4.288	0	%100
73	M82C	X	6.809	6.809	0	%100
74	M82C	Z	3.931	3.931	0	%100
75	M83D	X	8.534	8.534	0	%100
76	M83D	Z	4.927	4.927	0	%100
77	M84C	X	7.818	7.818	0	%100
78	M84C	Z	4.514	4.514	0	%100
79	M86A	X	31.274	31.274	0	%100
80	M86A	Z	18.056	18.056	0	%100
81	M87A	X	7.818	7.818	0	%100
82	M87A	Z	4.514	4.514	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M92	X	0	0	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	31.274	31.274	0	%100
88	M93A	Z	18.056	18.056	0	%100
89	M95A	X	7.818	7.818	0	%100
90	M95A	Z	4.514	4.514	0	%100
91	M96A	X	7.818	7.818	0	%100
92	M96A	Z	4.514	4.514	0	%100
93	M100	X	1.857	1.857	0	%100
94	M100	Z	1.072	1.072	0	%100
95	M105	X	1.857	1.857	0	%100
96	M105	Z	1.072	1.072	0	%100
97	M110	X	7.427	7.427	0	%100
98	M110	Z	4.288	4.288	0	%100
99	M121	X	2.429	2.429	0	%100
100	M121	Z	1.402	1.402	0	%100
101	M122	X	9.715	9.715	0	%100
102	M122	Z	5.609	5.609	0	%100
103	M123	X	2.429	2.429	0	%100
104	M123	Z	1.402	1.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.642	5.642	0	%100
2	M1	Z	9.773	9.773	0	%100
3	M2	X	1.31	1.31	0	%100
4	M2	Z	2.27	2.27	0	%100
5	M3	X	1.642	1.642	0	%100
6	M3	Z	2.845	2.845	0	%100
7	M4	X	13.542	13.542	0	%100
8	M4	Z	23.455	23.455	0	%100
9	M5	X	.677	.677	0	%100
10	M5	Z	1.173	1.173	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	13.542	13.542	0	%100
14	M8	Z	23.455	23.455	0	%100
15	M30	X	1.862	1.862	0	%100
16	M30	Z	3.225	3.225	0	%100
17	M31	X	1.862	1.862	0	%100
18	M31	Z	3.225	3.225	0	%100
19	M33A	X	5.439	5.439	0	%100
20	M33A	Z	9.421	9.421	0	%100
21	MP4A	X	4.288	4.288	0	%100
22	MP4A	Z	7.427	7.427	0	%100
23	OVP	X	3.908	3.908	0	%100
24	OVP	Z	6.769	6.769	0	%100
25	M52	X	7.448	7.448	0	%100
26	M52	Z	12.9	12.9	0	%100
27	M53	X	7.448	7.448	0	%100
28	M53	Z	12.9	12.9	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	1.862	1.862	0	%100
32	M73A	Z	3.225	3.225	0	%100
33	M74A	X	1.862	1.862	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M74A	Z	3.225	3.225	0	%100
35	M76A	X	5.439	5.439	0	%100
36	M76A	Z	9.421	9.421	0	%100
37	M79A	X	11.124	11.124	0	%100
38	M79A	Z	19.267	19.267	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	11.124	11.124	0	%100
42	M81A	Z	19.267	19.267	0	%100
43	M83B	X	.677	.677	0	%100
44	M83B	Z	1.173	1.173	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	4.288	4.288	0	%100
48	MP3A	Z	7.427	7.427	0	%100
49	MP2A	X	4.288	4.288	0	%100
50	MP2A	Z	7.427	7.427	0	%100
51	MP1A	X	4.288	4.288	0	%100
52	MP1A	Z	7.427	7.427	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	4.288	4.288	0	%100
56	MP4C	Z	7.427	7.427	0	%100
57	MP3C	X	4.288	4.288	0	%100
58	MP3C	Z	7.427	7.427	0	%100
59	MP2C	X	4.288	4.288	0	%100
60	MP2C	Z	7.427	7.427	0	%100
61	MP1C	X	4.288	4.288	0	%100
62	MP1C	Z	7.427	7.427	0	%100
63	M95	X	5.642	5.642	0	%100
64	M95	Z	9.773	9.773	0	%100
65	MP4B	X	4.288	4.288	0	%100
66	MP4B	Z	7.427	7.427	0	%100
67	MP3B	X	4.288	4.288	0	%100
68	MP3B	Z	7.427	7.427	0	%100
69	MP2B	X	4.288	4.288	0	%100
70	MP2B	Z	7.427	7.427	0	%100
71	MP1B	X	4.288	4.288	0	%100
72	MP1B	Z	7.427	7.427	0	%100
73	M82C	X	5.241	5.241	0	%100
74	M82C	Z	9.078	9.078	0	%100
75	M83D	X	6.569	6.569	0	%100
76	M83D	Z	11.378	11.378	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	13.542	13.542	0	%100
80	M86A	Z	23.455	23.455	0	%100
81	M87A	X	13.542	13.542	0	%100
82	M87A	Z	23.455	23.455	0	%100
83	M91A	X	1.31	1.31	0	%100
84	M91A	Z	2.27	2.27	0	%100
85	M92	X	1.642	1.642	0	%100
86	M92	Z	2.845	2.845	0	%100
87	M93A	X	13.542	13.542	0	%100
88	M93A	Z	23.455	23.455	0	%100
89	M95A	X	13.542	13.542	0	%100
90	M95A	Z	23.455	23.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M96A	X	0	0	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	3.216	3.216	0	%100
94	M100	Z	5.571	5.571	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	3.216	3.216	0	%100
98	M110	Z	5.571	5.571	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	4.207	4.207	0	%100
102	M122	Z	7.286	7.286	0	%100
103	M123	X	4.207	4.207	0	%100
104	M123	Z	7.286	7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	15.047	15.047	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	36.112	36.112	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.806	1.806	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	9.028	9.028	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	9.028	9.028	0	%100
15	M30	X	0	0	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	14.505	14.505	0	%100
21	MP4A	X	0	0	0	%100
22	MP4A	Z	8.577	8.577	0	%100
23	OVP	X	0	0	0	%100
24	OVP	Z	7.816	7.816	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	11.172	11.172	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	11.172	11.172	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	3.626	3.626	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	11.172	11.172	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	11.172	11.172	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	3.626	3.626	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	7.416	7.416	0	%100
39	M80A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M80A	Z	.451	.451	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	29.664	29.664	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	.451	.451	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	7.416	7.416	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	8.577	8.577	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	8.577	8.577	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	8.577	8.577	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	3.762	3.762	0	%100
55	MP4C	X	0	0	0	%100
56	MP4C	Z	8.577	8.577	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	8.577	8.577	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	8.577	8.577	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	8.577	8.577	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	3.762	3.762	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	8.577	8.577	0	%100
67	MP3B	X	0	0	0	%100
68	MP3B	Z	8.577	8.577	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	8.577	8.577	0	%100
71	MP1B	X	0	0	0	%100
72	MP1B	Z	8.577	8.577	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	7.862	7.862	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	9.854	9.854	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	9.028	9.028	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	9.028	9.028	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	36.112	36.112	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	7.862	7.862	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	9.854	9.854	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	9.028	9.028	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	36.112	36.112	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	9.028	9.028	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	8.577	8.577	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	2.144	2.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M110	X	0	0	0	%100
98	M110	Z	2.144	2.144	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	2.804	2.804	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	2.804	2.804	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	11.218	11.218	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.642	-5.642	0	%100
2	M1	Z	9.773	9.773	0	%100
3	M2	X	-1.31	-1.31	0	%100
4	M2	Z	2.27	2.27	0	%100
5	M3	X	-1.642	-1.642	0	%100
6	M3	Z	2.845	2.845	0	%100
7	M4	X	-13.542	-13.542	0	%100
8	M4	Z	23.455	23.455	0	%100
9	M5	X	-.677	-.677	0	%100
10	M5	Z	1.173	1.173	0	%100
11	M7	X	-13.542	-13.542	0	%100
12	M7	Z	23.455	23.455	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	-1.862	-1.862	0	%100
16	M30	Z	3.225	3.225	0	%100
17	M31	X	-1.862	-1.862	0	%100
18	M31	Z	3.225	3.225	0	%100
19	M33A	X	-5.439	-5.439	0	%100
20	M33A	Z	9.421	9.421	0	%100
21	MP4A	X	-4.288	-4.288	0	%100
22	MP4A	Z	7.427	7.427	0	%100
23	OVP	X	-3.908	-3.908	0	%100
24	OVP	Z	6.769	6.769	0	%100
25	M52	X	-1.862	-1.862	0	%100
26	M52	Z	3.225	3.225	0	%100
27	M53	X	-1.862	-1.862	0	%100
28	M53	Z	3.225	3.225	0	%100
29	M55	X	-5.439	-5.439	0	%100
30	M55	Z	9.421	9.421	0	%100
31	M73A	X	-7.448	-7.448	0	%100
32	M73A	Z	12.9	12.9	0	%100
33	M74A	X	-7.448	-7.448	0	%100
34	M74A	Z	12.9	12.9	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	-.677	-.677	0	%100
40	M80A	Z	1.173	1.173	0	%100
41	M81A	X	-11.124	-11.124	0	%100
42	M81A	Z	19.267	19.267	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	-11.124	-11.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M84A	Z	19.267	19.267	0	%100
47	MP3A	X	-4.288	-4.288	0	%100
48	MP3A	Z	7.427	7.427	0	%100
49	MP2A	X	-4.288	-4.288	0	%100
50	MP2A	Z	7.427	7.427	0	%100
51	MP1A	X	-4.288	-4.288	0	%100
52	MP1A	Z	7.427	7.427	0	%100
53	M82B	X	-5.642	-5.642	0	%100
54	M82B	Z	9.773	9.773	0	%100
55	MP4C	X	-4.288	-4.288	0	%100
56	MP4C	Z	7.427	7.427	0	%100
57	MP3C	X	-4.288	-4.288	0	%100
58	MP3C	Z	7.427	7.427	0	%100
59	MP2C	X	-4.288	-4.288	0	%100
60	MP2C	Z	7.427	7.427	0	%100
61	MP1C	X	-4.288	-4.288	0	%100
62	MP1C	Z	7.427	7.427	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	-4.288	-4.288	0	%100
66	MP4B	Z	7.427	7.427	0	%100
67	MP3B	X	-4.288	-4.288	0	%100
68	MP3B	Z	7.427	7.427	0	%100
69	MP2B	X	-4.288	-4.288	0	%100
70	MP2B	Z	7.427	7.427	0	%100
71	MP1B	X	-4.288	-4.288	0	%100
72	MP1B	Z	7.427	7.427	0	%100
73	M82C	X	-1.31	-1.31	0	%100
74	M82C	Z	2.27	2.27	0	%100
75	M83D	X	-1.642	-1.642	0	%100
76	M83D	Z	2.845	2.845	0	%100
77	M84C	X	-13.542	-13.542	0	%100
78	M84C	Z	23.455	23.455	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	-13.542	-13.542	0	%100
82	M87A	Z	23.455	23.455	0	%100
83	M91A	X	-5.241	-5.241	0	%100
84	M91A	Z	9.078	9.078	0	%100
85	M92	X	-6.569	-6.569	0	%100
86	M92	Z	11.378	11.378	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	-13.542	-13.542	0	%100
90	M95A	Z	23.455	23.455	0	%100
91	M96A	X	-13.542	-13.542	0	%100
92	M96A	Z	23.455	23.455	0	%100
93	M100	X	-3.216	-3.216	0	%100
94	M100	Z	5.571	5.571	0	%100
95	M105	X	-3.216	-3.216	0	%100
96	M105	Z	5.571	5.571	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	-4.207	-4.207	0	%100
100	M121	Z	7.286	7.286	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M123	X	-4.207	-4.207	0	%100
104	M123	Z	7.286	7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.258	-3.258	0	%100
2	M1	Z	1.881	1.881	0	%100
3	M2	X	-6.809	-6.809	0	%100
4	M2	Z	3.931	3.931	0	%100
5	M3	X	-8.534	-8.534	0	%100
6	M3	Z	4.927	4.927	0	%100
7	M4	X	-7.818	-7.818	0	%100
8	M4	Z	4.514	4.514	0	%100
9	M5	X	-.391	-.391	0	%100
10	M5	Z	.226	.226	0	%100
11	M7	X	-31.274	-31.274	0	%100
12	M7	Z	18.056	18.056	0	%100
13	M8	X	-7.818	-7.818	0	%100
14	M8	Z	4.514	4.514	0	%100
15	M30	X	-9.675	-9.675	0	%100
16	M30	Z	5.586	5.586	0	%100
17	M31	X	-9.675	-9.675	0	%100
18	M31	Z	5.586	5.586	0	%100
19	M33A	X	-3.14	-3.14	0	%100
20	M33A	Z	1.813	1.813	0	%100
21	MP4A	X	-7.427	-7.427	0	%100
22	MP4A	Z	4.288	4.288	0	%100
23	OVP	X	-6.769	-6.769	0	%100
24	OVP	Z	3.908	3.908	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	-12.562	-12.562	0	%100
30	M55	Z	7.252	7.252	0	%100
31	M73A	X	-9.675	-9.675	0	%100
32	M73A	Z	5.586	5.586	0	%100
33	M74A	X	-9.675	-9.675	0	%100
34	M74A	Z	5.586	5.586	0	%100
35	M76A	X	-3.14	-3.14	0	%100
36	M76A	Z	1.813	1.813	0	%100
37	M79A	X	-6.422	-6.422	0	%100
38	M79A	Z	3.708	3.708	0	%100
39	M80A	X	-1.564	-1.564	0	%100
40	M80A	Z	.903	.903	0	%100
41	M81A	X	-6.422	-6.422	0	%100
42	M81A	Z	3.708	3.708	0	%100
43	M83B	X	-.391	-.391	0	%100
44	M83B	Z	.226	.226	0	%100
45	M84A	X	-25.689	-25.689	0	%100
46	M84A	Z	14.832	14.832	0	%100
47	MP3A	X	-7.427	-7.427	0	%100
48	MP3A	Z	4.288	4.288	0	%100
49	MP2A	X	-7.427	-7.427	0	%100
50	MP2A	Z	4.288	4.288	0	%100
51	MP1A	X	-7.427	-7.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP1A	Z	4.288	4.288	0	%100
53	M82B	X	-13.031	-13.031	0	%100
54	M82B	Z	7.523	7.523	0	%100
55	MP4C	X	-7.427	-7.427	0	%100
56	MP4C	Z	4.288	4.288	0	%100
57	MP3C	X	-7.427	-7.427	0	%100
58	MP3C	Z	4.288	4.288	0	%100
59	MP2C	X	-7.427	-7.427	0	%100
60	MP2C	Z	4.288	4.288	0	%100
61	MP1C	X	-7.427	-7.427	0	%100
62	MP1C	Z	4.288	4.288	0	%100
63	M95	X	-3.258	-3.258	0	%100
64	M95	Z	1.881	1.881	0	%100
65	MP4B	X	-7.427	-7.427	0	%100
66	MP4B	Z	4.288	4.288	0	%100
67	MP3B	X	-7.427	-7.427	0	%100
68	MP3B	Z	4.288	4.288	0	%100
69	MP2B	X	-7.427	-7.427	0	%100
70	MP2B	Z	4.288	4.288	0	%100
71	MP1B	X	-7.427	-7.427	0	%100
72	MP1B	Z	4.288	4.288	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	-31.274	-31.274	0	%100
78	M84C	Z	18.056	18.056	0	%100
79	M86A	X	-7.818	-7.818	0	%100
80	M86A	Z	4.514	4.514	0	%100
81	M87A	X	-7.818	-7.818	0	%100
82	M87A	Z	4.514	4.514	0	%100
83	M91A	X	-6.809	-6.809	0	%100
84	M91A	Z	3.931	3.931	0	%100
85	M92	X	-8.534	-8.534	0	%100
86	M92	Z	4.927	4.927	0	%100
87	M93A	X	-7.818	-7.818	0	%100
88	M93A	Z	4.514	4.514	0	%100
89	M95A	X	-7.818	-7.818	0	%100
90	M95A	Z	4.514	4.514	0	%100
91	M96A	X	-31.274	-31.274	0	%100
92	M96A	Z	18.056	18.056	0	%100
93	M100	X	-1.857	-1.857	0	%100
94	M100	Z	1.072	1.072	0	%100
95	M105	X	-7.427	-7.427	0	%100
96	M105	Z	4.288	4.288	0	%100
97	M110	X	-1.857	-1.857	0	%100
98	M110	Z	1.072	1.072	0	%100
99	M121	X	-9.715	-9.715	0	%100
100	M121	Z	5.609	5.609	0	%100
101	M122	X	-2.429	-2.429	0	%100
102	M122	Z	1.402	1.402	0	%100
103	M123	X	-2.429	-2.429	0	%100
104	M123	Z	1.402	1.402	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-10.482	-10.482	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-13.139	-13.139	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M7	X	-27.084	-27.084	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	-27.084	-27.084	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	-14.896	-14.896	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	-14.896	-14.896	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	0	0	0	%100
21	MP4A	X	-8.577	-8.577	0	%100
22	MP4A	Z	0	0	0	%100
23	OVP	X	-7.816	-7.816	0	%100
24	OVP	Z	0	0	0	%100
25	M52	X	-3.724	-3.724	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	-3.724	-3.724	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	-10.879	-10.879	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	-3.724	-3.724	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	-3.724	-3.724	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	-10.879	-10.879	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	-22.248	-22.248	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	-1.354	-1.354	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	0	0	0	%100
43	M83B	X	-1.354	-1.354	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	-22.248	-22.248	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	-8.577	-8.577	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	-8.577	-8.577	0	%100
50	MP2A	Z	0	0	0	%100
51	MP1A	X	-8.577	-8.577	0	%100
52	MP1A	Z	0	0	0	%100
53	M82B	X	-11.285	-11.285	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	-8.577	-8.577	0	%100
56	MP4C	Z	0	0	0	%100
57	MP3C	X	-8.577	-8.577	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	0	0	0	%100
59	MP2C	X	-8.577	-8.577	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	-8.577	-8.577	0	%100
62	MP1C	Z	0	0	0	%100
63	M95	X	-11.285	-11.285	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	-8.577	-8.577	0	%100
66	MP4B	Z	0	0	0	%100
67	MP3B	X	-8.577	-8.577	0	%100
68	MP3B	Z	0	0	0	%100
69	MP2B	X	-8.577	-8.577	0	%100
70	MP2B	Z	0	0	0	%100
71	MP1B	X	-8.577	-8.577	0	%100
72	MP1B	Z	0	0	0	%100
73	M82C	X	-2.621	-2.621	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	-3.285	-3.285	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	-27.084	-27.084	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	-27.084	-27.084	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	0	0	0	%100
83	M91A	X	-2.621	-2.621	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	-3.285	-3.285	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	-27.084	-27.084	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	0	0	0	%100
91	M96A	X	-27.084	-27.084	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M105	X	-6.432	-6.432	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	-6.432	-6.432	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	-8.413	-8.413	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	-8.413	-8.413	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.258	-3.258	0	%100
2	M1	Z	-1.881	-1.881	0	%100
3	M2	X	-6.809	-6.809	0	%100
4	M2	Z	-3.931	-3.931	0	%100
5	M3	X	-8.534	-8.534	0	%100
6	M3	Z	-4.927	-4.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M4	X	-7.818	-7.818	0	%100
8	M4	Z	-4.514	-4.514	0	%100
9	M5	X	-.391	-.391	0	%100
10	M5	Z	-.226	-.226	0	%100
11	M7	X	-7.818	-7.818	0	%100
12	M7	Z	-4.514	-4.514	0	%100
13	M8	X	-31.274	-31.274	0	%100
14	M8	Z	-18.056	-18.056	0	%100
15	M30	X	-9.675	-9.675	0	%100
16	M30	Z	-5.586	-5.586	0	%100
17	M31	X	-9.675	-9.675	0	%100
18	M31	Z	-5.586	-5.586	0	%100
19	M33A	X	-3.14	-3.14	0	%100
20	M33A	Z	-1.813	-1.813	0	%100
21	MP4A	X	-7.427	-7.427	0	%100
22	MP4A	Z	-4.288	-4.288	0	%100
23	OVP	X	-6.769	-6.769	0	%100
24	OVP	Z	-3.908	-3.908	0	%100
25	M52	X	-9.675	-9.675	0	%100
26	M52	Z	-5.586	-5.586	0	%100
27	M53	X	-9.675	-9.675	0	%100
28	M53	Z	-5.586	-5.586	0	%100
29	M55	X	-3.14	-3.14	0	%100
30	M55	Z	-1.813	-1.813	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	-12.562	-12.562	0	%100
36	M76A	Z	-7.252	-7.252	0	%100
37	M79A	X	-25.689	-25.689	0	%100
38	M79A	Z	-14.832	-14.832	0	%100
39	M80A	X	-.391	-.391	0	%100
40	M80A	Z	-.226	-.226	0	%100
41	M81A	X	-6.422	-6.422	0	%100
42	M81A	Z	-3.708	-3.708	0	%100
43	M83B	X	-1.564	-1.564	0	%100
44	M83B	Z	-.903	-.903	0	%100
45	M84A	X	-6.422	-6.422	0	%100
46	M84A	Z	-3.708	-3.708	0	%100
47	MP3A	X	-7.427	-7.427	0	%100
48	MP3A	Z	-4.288	-4.288	0	%100
49	MP2A	X	-7.427	-7.427	0	%100
50	MP2A	Z	-4.288	-4.288	0	%100
51	MP1A	X	-7.427	-7.427	0	%100
52	MP1A	Z	-4.288	-4.288	0	%100
53	M82B	X	-3.258	-3.258	0	%100
54	M82B	Z	-1.881	-1.881	0	%100
55	MP4C	X	-7.427	-7.427	0	%100
56	MP4C	Z	-4.288	-4.288	0	%100
57	MP3C	X	-7.427	-7.427	0	%100
58	MP3C	Z	-4.288	-4.288	0	%100
59	MP2C	X	-7.427	-7.427	0	%100
60	MP2C	Z	-4.288	-4.288	0	%100
61	MP1C	X	-7.427	-7.427	0	%100
62	MP1C	Z	-4.288	-4.288	0	%100
63	M95	X	-13.031	-13.031	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M95	Z	-7.523	-7.523	0	%100
65	MP4B	X	-7.427	-7.427	0	%100
66	MP4B	Z	-4.288	-4.288	0	%100
67	MP3B	X	-7.427	-7.427	0	%100
68	MP3B	Z	-4.288	-4.288	0	%100
69	MP2B	X	-7.427	-7.427	0	%100
70	MP2B	Z	-4.288	-4.288	0	%100
71	MP1B	X	-7.427	-7.427	0	%100
72	MP1B	Z	-4.288	-4.288	0	%100
73	M82C	X	-6.809	-6.809	0	%100
74	M82C	Z	-3.931	-3.931	0	%100
75	M83D	X	-8.534	-8.534	0	%100
76	M83D	Z	-4.927	-4.927	0	%100
77	M84C	X	-7.818	-7.818	0	%100
78	M84C	Z	-4.514	-4.514	0	%100
79	M86A	X	-31.274	-31.274	0	%100
80	M86A	Z	-18.056	-18.056	0	%100
81	M87A	X	-7.818	-7.818	0	%100
82	M87A	Z	-4.514	-4.514	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	-31.274	-31.274	0	%100
88	M93A	Z	-18.056	-18.056	0	%100
89	M95A	X	-7.818	-7.818	0	%100
90	M95A	Z	-4.514	-4.514	0	%100
91	M96A	X	-7.818	-7.818	0	%100
92	M96A	Z	-4.514	-4.514	0	%100
93	M100	X	-1.857	-1.857	0	%100
94	M100	Z	-1.072	-1.072	0	%100
95	M105	X	-1.857	-1.857	0	%100
96	M105	Z	-1.072	-1.072	0	%100
97	M110	X	-7.427	-7.427	0	%100
98	M110	Z	-4.288	-4.288	0	%100
99	M121	X	-2.429	-2.429	0	%100
100	M121	Z	-1.402	-1.402	0	%100
101	M122	X	-9.715	-9.715	0	%100
102	M122	Z	-5.609	-5.609	0	%100
103	M123	X	-2.429	-2.429	0	%100
104	M123	Z	-1.402	-1.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.642	-5.642	0	%100
2	M1	Z	-9.773	-9.773	0	%100
3	M2	X	-1.31	-1.31	0	%100
4	M2	Z	-2.27	-2.27	0	%100
5	M3	X	-1.642	-1.642	0	%100
6	M3	Z	-2.845	-2.845	0	%100
7	M4	X	-13.542	-13.542	0	%100
8	M4	Z	-23.455	-23.455	0	%100
9	M5	X	-.677	-.677	0	%100
10	M5	Z	-1.173	-1.173	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M8	X	-13.542	-13.542	0	%100
14	M8	Z	-23.455	-23.455	0	%100
15	M30	X	-1.862	-1.862	0	%100
16	M30	Z	-3.225	-3.225	0	%100
17	M31	X	-1.862	-1.862	0	%100
18	M31	Z	-3.225	-3.225	0	%100
19	M33A	X	-5.439	-5.439	0	%100
20	M33A	Z	-9.421	-9.421	0	%100
21	MP4A	X	-4.288	-4.288	0	%100
22	MP4A	Z	-7.427	-7.427	0	%100
23	OVP	X	-3.908	-3.908	0	%100
24	OVP	Z	-6.769	-6.769	0	%100
25	M52	X	-7.448	-7.448	0	%100
26	M52	Z	-12.9	-12.9	0	%100
27	M53	X	-7.448	-7.448	0	%100
28	M53	Z	-12.9	-12.9	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	-1.862	-1.862	0	%100
32	M73A	Z	-3.225	-3.225	0	%100
33	M74A	X	-1.862	-1.862	0	%100
34	M74A	Z	-3.225	-3.225	0	%100
35	M76A	X	-5.439	-5.439	0	%100
36	M76A	Z	-9.421	-9.421	0	%100
37	M79A	X	-11.124	-11.124	0	%100
38	M79A	Z	-19.267	-19.267	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	-11.124	-11.124	0	%100
42	M81A	Z	-19.267	-19.267	0	%100
43	M83B	X	-.677	-.677	0	%100
44	M83B	Z	-1.173	-1.173	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	-4.288	-4.288	0	%100
48	MP3A	Z	-7.427	-7.427	0	%100
49	MP2A	X	-4.288	-4.288	0	%100
50	MP2A	Z	-7.427	-7.427	0	%100
51	MP1A	X	-4.288	-4.288	0	%100
52	MP1A	Z	-7.427	-7.427	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	-4.288	-4.288	0	%100
56	MP4C	Z	-7.427	-7.427	0	%100
57	MP3C	X	-4.288	-4.288	0	%100
58	MP3C	Z	-7.427	-7.427	0	%100
59	MP2C	X	-4.288	-4.288	0	%100
60	MP2C	Z	-7.427	-7.427	0	%100
61	MP1C	X	-4.288	-4.288	0	%100
62	MP1C	Z	-7.427	-7.427	0	%100
63	M95	X	-5.642	-5.642	0	%100
64	M95	Z	-9.773	-9.773	0	%100
65	MP4B	X	-4.288	-4.288	0	%100
66	MP4B	Z	-7.427	-7.427	0	%100
67	MP3B	X	-4.288	-4.288	0	%100
68	MP3B	Z	-7.427	-7.427	0	%100
69	MP2B	X	-4.288	-4.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	MP2B	Z	-7.427	-7.427	0	%100
71	MP1B	X	-4.288	-4.288	0	%100
72	MP1B	Z	-7.427	-7.427	0	%100
73	M82C	X	-5.241	-5.241	0	%100
74	M82C	Z	-9.078	-9.078	0	%100
75	M83D	X	-6.569	-6.569	0	%100
76	M83D	Z	-11.378	-11.378	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	-13.542	-13.542	0	%100
80	M86A	Z	-23.455	-23.455	0	%100
81	M87A	X	-13.542	-13.542	0	%100
82	M87A	Z	-23.455	-23.455	0	%100
83	M91A	X	-1.31	-1.31	0	%100
84	M91A	Z	-2.27	-2.27	0	%100
85	M92	X	-1.642	-1.642	0	%100
86	M92	Z	-2.845	-2.845	0	%100
87	M93A	X	-13.542	-13.542	0	%100
88	M93A	Z	-23.455	-23.455	0	%100
89	M95A	X	-13.542	-13.542	0	%100
90	M95A	Z	-23.455	-23.455	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	-3.216	-3.216	0	%100
94	M100	Z	-5.571	-5.571	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	-3.216	-3.216	0	%100
98	M110	Z	-5.571	-5.571	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	-4.207	-4.207	0	%100
102	M122	Z	-7.286	-7.286	0	%100
103	M123	X	-4.207	-4.207	0	%100
104	M123	Z	-7.286	-7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-5.016	-5.016	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-8.075	-8.075	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.724	-1.724	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	-2.001	-2.001	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	-2.001	-2.001	0	%100
15	M30	X	0	0	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M33A	X	0	0	0	%100
20	M33A	Z	-4.707	-4.707	0	%100
21	MP4A	X	0	0	0	%100
22	MP4A	Z	-3.814	-3.814	0	%100
23	OVP	X	0	0	0	%100
24	OVP	Z	-3.241	-3.241	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	-3.375	-3.375	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	-3.375	-3.375	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	-1.177	-1.177	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	-3.375	-3.375	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	-3.375	-3.375	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	-1.177	-1.177	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	-1.933	-1.933	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	-.431	-.431	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	-7.731	-7.731	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	-.431	-.431	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	-1.933	-1.933	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-3.814	-3.814	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-3.814	-3.814	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	-3.814	-3.814	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	-1.254	-1.254	0	%100
55	MP4C	X	0	0	0	%100
56	MP4C	Z	-3.814	-3.814	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-3.814	-3.814	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-3.814	-3.814	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	-3.814	-3.814	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	-1.254	-1.254	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	-3.814	-3.814	0	%100
67	MP3B	X	0	0	0	%100
68	MP3B	Z	-3.814	-3.814	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-3.814	-3.814	0	%100
71	MP1B	X	0	0	0	%100
72	MP1B	Z	-3.814	-3.814	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	-2.518	-2.518	0	%100
75	M83D	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M83D	Z	-3.17	-3.17	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	-2.019	-2.019	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	-2.001	-2.001	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	-8.004	-8.004	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	-2.518	-2.518	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	-3.17	-3.17	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	-2.019	-2.019	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	-8.004	-8.004	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	-2.001	-2.001	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	-3.814	-3.814	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	-.953	-.953	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	-.953	-.953	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	-.895	-.895	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	-.895	-.895	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	-3.579	-3.579	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.881	1.881	0	%100
2	M1	Z	-3.258	-3.258	0	%100
3	M2	X	.42	.42	0	%100
4	M2	Z	-.727	-.727	0	%100
5	M3	X	.528	.528	0	%100
6	M3	Z	-.915	-.915	0	%100
7	M4	X	3.028	3.028	0	%100
8	M4	Z	-5.245	-5.245	0	%100
9	M5	X	.646	.646	0	%100
10	M5	Z	-1.12	-1.12	0	%100
11	M7	X	3.002	3.002	0	%100
12	M7	Z	-5.199	-5.199	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	.563	.563	0	%100
16	M30	Z	-.974	-.974	0	%100
17	M31	X	.563	.563	0	%100
18	M31	Z	-.974	-.974	0	%100
19	M33A	X	1.765	1.765	0	%100
20	M33A	Z	-3.057	-3.057	0	%100
21	MP4A	X	1.907	1.907	0	%100
22	MP4A	Z	-3.303	-3.303	0	%100
23	OVP	X	1.62	1.62	0	%100
24	OVP	Z	-2.807	-2.807	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M52	X	.563	.563	0	%100
26	M52	Z	-.974	-.974	0	%100
27	M53	X	.563	.563	0	%100
28	M53	Z	-.974	-.974	0	%100
29	M55	X	1.765	1.765	0	%100
30	M55	Z	-3.057	-3.057	0	%100
31	M73A	X	2.25	2.25	0	%100
32	M73A	Z	-3.897	-3.897	0	%100
33	M74A	X	2.25	2.25	0	%100
34	M74A	Z	-3.897	-3.897	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	.646	.646	0	%100
40	M80A	Z	-1.12	-1.12	0	%100
41	M81A	X	2.899	2.899	0	%100
42	M81A	Z	-5.022	-5.022	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	2.899	2.899	0	%100
46	M84A	Z	-5.022	-5.022	0	%100
47	MP3A	X	1.907	1.907	0	%100
48	MP3A	Z	-3.303	-3.303	0	%100
49	MP2A	X	1.907	1.907	0	%100
50	MP2A	Z	-3.303	-3.303	0	%100
51	MP1A	X	1.907	1.907	0	%100
52	MP1A	Z	-3.303	-3.303	0	%100
53	M82B	X	1.881	1.881	0	%100
54	M82B	Z	-3.258	-3.258	0	%100
55	MP4C	X	1.907	1.907	0	%100
56	MP4C	Z	-3.303	-3.303	0	%100
57	MP3C	X	1.907	1.907	0	%100
58	MP3C	Z	-3.303	-3.303	0	%100
59	MP2C	X	1.907	1.907	0	%100
60	MP2C	Z	-3.303	-3.303	0	%100
61	MP1C	X	1.907	1.907	0	%100
62	MP1C	Z	-3.303	-3.303	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	1.907	1.907	0	%100
66	MP4B	Z	-3.303	-3.303	0	%100
67	MP3B	X	1.907	1.907	0	%100
68	MP3B	Z	-3.303	-3.303	0	%100
69	MP2B	X	1.907	1.907	0	%100
70	MP2B	Z	-3.303	-3.303	0	%100
71	MP1B	X	1.907	1.907	0	%100
72	MP1B	Z	-3.303	-3.303	0	%100
73	M82C	X	.42	.42	0	%100
74	M82C	Z	-.727	-.727	0	%100
75	M83D	X	.528	.528	0	%100
76	M83D	Z	-.915	-.915	0	%100
77	M84C	X	3.028	3.028	0	%100
78	M84C	Z	-5.245	-5.245	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	3.002	3.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	M87A	Z	-5.199	-5.199	0	%100
83	M91A	X	1.679	1.679	0	%100
84	M91A	Z	-2.907	-2.907	0	%100
85	M92	X	2.113	2.113	0	%100
86	M92	Z	-3.66	-3.66	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	3.002	3.002	0	%100
90	M95A	Z	-5.199	-5.199	0	%100
91	M96A	X	3.002	3.002	0	%100
92	M96A	Z	-5.199	-5.199	0	%100
93	M100	X	1.43	1.43	0	%100
94	M100	Z	-2.477	-2.477	0	%100
95	M105	X	1.43	1.43	0	%100
96	M105	Z	-2.477	-2.477	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	1.342	1.342	0	%100
100	M121	Z	-2.324	-2.324	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	1.342	1.342	0	%100
104	M123	Z	-2.324	-2.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.086	1.086	0	%100
2	M1	Z	-.627	-.627	0	%100
3	M2	X	2.181	2.181	0	%100
4	M2	Z	-1.259	-1.259	0	%100
5	M3	X	2.745	2.745	0	%100
6	M3	Z	-1.585	-1.585	0	%100
7	M4	X	1.748	1.748	0	%100
8	M4	Z	-1.009	-1.009	0	%100
9	M5	X	.373	.373	0	%100
10	M5	Z	-.215	-.215	0	%100
11	M7	X	6.932	6.932	0	%100
12	M7	Z	-4.002	-4.002	0	%100
13	M8	X	1.733	1.733	0	%100
14	M8	Z	-1.001	-1.001	0	%100
15	M30	X	2.923	2.923	0	%100
16	M30	Z	-1.688	-1.688	0	%100
17	M31	X	2.923	2.923	0	%100
18	M31	Z	-1.688	-1.688	0	%100
19	M33A	X	1.019	1.019	0	%100
20	M33A	Z	-.588	-.588	0	%100
21	MP4A	X	3.303	3.303	0	%100
22	MP4A	Z	-1.907	-1.907	0	%100
23	OVP	X	2.807	2.807	0	%100
24	OVP	Z	-1.62	-1.62	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	4.077	4.077	0	%100
30	M55	Z	-2.354	-2.354	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M73A	X	2.923	2.923	0	%100
32	M73A	Z	-1.688	-1.688	0	%100
33	M74A	X	2.923	2.923	0	%100
34	M74A	Z	-1.688	-1.688	0	%100
35	M76A	X	1.019	1.019	0	%100
36	M76A	Z	-.588	-.588	0	%100
37	M79A	X	1.674	1.674	0	%100
38	M79A	Z	-.966	-.966	0	%100
39	M80A	X	1.493	1.493	0	%100
40	M80A	Z	-.862	-.862	0	%100
41	M81A	X	1.674	1.674	0	%100
42	M81A	Z	-.966	-.966	0	%100
43	M83B	X	.373	.373	0	%100
44	M83B	Z	-.215	-.215	0	%100
45	M84A	X	6.696	6.696	0	%100
46	M84A	Z	-3.866	-3.866	0	%100
47	MP3A	X	3.303	3.303	0	%100
48	MP3A	Z	-1.907	-1.907	0	%100
49	MP2A	X	3.303	3.303	0	%100
50	MP2A	Z	-1.907	-1.907	0	%100
51	MP1A	X	3.303	3.303	0	%100
52	MP1A	Z	-1.907	-1.907	0	%100
53	M82B	X	4.344	4.344	0	%100
54	M82B	Z	-2.508	-2.508	0	%100
55	MP4C	X	3.303	3.303	0	%100
56	MP4C	Z	-1.907	-1.907	0	%100
57	MP3C	X	3.303	3.303	0	%100
58	MP3C	Z	-1.907	-1.907	0	%100
59	MP2C	X	3.303	3.303	0	%100
60	MP2C	Z	-1.907	-1.907	0	%100
61	MP1C	X	3.303	3.303	0	%100
62	MP1C	Z	-1.907	-1.907	0	%100
63	M95	X	1.086	1.086	0	%100
64	M95	Z	-.627	-.627	0	%100
65	MP4B	X	3.303	3.303	0	%100
66	MP4B	Z	-1.907	-1.907	0	%100
67	MP3B	X	3.303	3.303	0	%100
68	MP3B	Z	-1.907	-1.907	0	%100
69	MP2B	X	3.303	3.303	0	%100
70	MP2B	Z	-1.907	-1.907	0	%100
71	MP1B	X	3.303	3.303	0	%100
72	MP1B	Z	-1.907	-1.907	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	6.994	6.994	0	%100
78	M84C	Z	-4.038	-4.038	0	%100
79	M86A	X	1.733	1.733	0	%100
80	M86A	Z	-1.001	-1.001	0	%100
81	M87A	X	1.733	1.733	0	%100
82	M87A	Z	-1.001	-1.001	0	%100
83	M91A	X	2.181	2.181	0	%100
84	M91A	Z	-1.259	-1.259	0	%100
85	M92	X	2.745	2.745	0	%100
86	M92	Z	-1.585	-1.585	0	%100
87	M93A	X	1.748	1.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	M93A	Z	-1.009	-1.009	0	%100
89	M95A	X	1.733	1.733	0	%100
90	M95A	Z	-1.001	-1.001	0	%100
91	M96A	X	6.932	6.932	0	%100
92	M96A	Z	-4.002	-4.002	0	%100
93	M100	X	.826	.826	0	%100
94	M100	Z	-.477	-.477	0	%100
95	M105	X	3.303	3.303	0	%100
96	M105	Z	-1.907	-1.907	0	%100
97	M110	X	.826	.826	0	%100
98	M110	Z	-.477	-.477	0	%100
99	M121	X	3.099	3.099	0	%100
100	M121	Z	-1.789	-1.789	0	%100
101	M122	X	.775	.775	0	%100
102	M122	Z	-.447	-.447	0	%100
103	M123	X	.775	.775	0	%100
104	M123	Z	-.447	-.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.357	3.357	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.227	4.227	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M7	X	6.003	6.003	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	6.003	6.003	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	4.5	4.5	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	4.5	4.5	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	0	0	0	%100
21	MP4A	X	3.814	3.814	0	%100
22	MP4A	Z	0	0	0	%100
23	OVP	X	3.241	3.241	0	%100
24	OVP	Z	0	0	0	%100
25	M52	X	1.125	1.125	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	1.125	1.125	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	3.53	3.53	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	1.125	1.125	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	1.125	1.125	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	3.53	3.53	0	%100
36	M76A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M79A	X	5.799	5.799	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	1.293	1.293	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	0	0	0	%100
43	M83B	X	1.293	1.293	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	5.799	5.799	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	3.814	3.814	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	3.814	3.814	0	%100
50	MP2A	Z	0	0	0	%100
51	MP1A	X	3.814	3.814	0	%100
52	MP1A	Z	0	0	0	%100
53	M82B	X	3.762	3.762	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	3.814	3.814	0	%100
56	MP4C	Z	0	0	0	%100
57	MP3C	X	3.814	3.814	0	%100
58	MP3C	Z	0	0	0	%100
59	MP2C	X	3.814	3.814	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	3.814	3.814	0	%100
62	MP1C	Z	0	0	0	%100
63	M95	X	3.762	3.762	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	3.814	3.814	0	%100
66	MP4B	Z	0	0	0	%100
67	MP3B	X	3.814	3.814	0	%100
68	MP3B	Z	0	0	0	%100
69	MP2B	X	3.814	3.814	0	%100
70	MP2B	Z	0	0	0	%100
71	MP1B	X	3.814	3.814	0	%100
72	MP1B	Z	0	0	0	%100
73	M82C	X	.839	.839	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	1.057	1.057	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	6.057	6.057	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	6.003	6.003	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	0	0	0	%100
83	M91A	X	.839	.839	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	1.057	1.057	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	6.057	6.057	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	0	0	0	%100
91	M96A	X	6.003	6.003	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M100	Z	0	0	0	%100
95	M105	X	2.86	2.86	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	2.86	2.86	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	2.684	2.684	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	2.684	2.684	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.086	1.086	0	%100
2	M1	Z	.627	.627	0	%100
3	M2	X	2.181	2.181	0	%100
4	M2	Z	1.259	1.259	0	%100
5	M3	X	2.745	2.745	0	%100
6	M3	Z	1.585	1.585	0	%100
7	M4	X	1.748	1.748	0	%100
8	M4	Z	1.009	1.009	0	%100
9	M5	X	.373	.373	0	%100
10	M5	Z	.215	.215	0	%100
11	M7	X	1.733	1.733	0	%100
12	M7	Z	1.001	1.001	0	%100
13	M8	X	6.932	6.932	0	%100
14	M8	Z	4.002	4.002	0	%100
15	M30	X	2.923	2.923	0	%100
16	M30	Z	1.688	1.688	0	%100
17	M31	X	2.923	2.923	0	%100
18	M31	Z	1.688	1.688	0	%100
19	M33A	X	1.019	1.019	0	%100
20	M33A	Z	.588	.588	0	%100
21	MP4A	X	3.303	3.303	0	%100
22	MP4A	Z	1.907	1.907	0	%100
23	OVP	X	2.807	2.807	0	%100
24	OVP	Z	1.62	1.62	0	%100
25	M52	X	2.923	2.923	0	%100
26	M52	Z	1.688	1.688	0	%100
27	M53	X	2.923	2.923	0	%100
28	M53	Z	1.688	1.688	0	%100
29	M55	X	1.019	1.019	0	%100
30	M55	Z	.588	.588	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	4.077	4.077	0	%100
36	M76A	Z	2.354	2.354	0	%100
37	M79A	X	6.696	6.696	0	%100
38	M79A	Z	3.866	3.866	0	%100
39	M80A	X	.373	.373	0	%100
40	M80A	Z	.215	.215	0	%100
41	M81A	X	1.674	1.674	0	%100
42	M81A	Z	.966	.966	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M83B	X	1.493	1.493	0	%100
44	M83B	Z	.862	.862	0	%100
45	M84A	X	1.674	1.674	0	%100
46	M84A	Z	.966	.966	0	%100
47	MP3A	X	3.303	3.303	0	%100
48	MP3A	Z	1.907	1.907	0	%100
49	MP2A	X	3.303	3.303	0	%100
50	MP2A	Z	1.907	1.907	0	%100
51	MP1A	X	3.303	3.303	0	%100
52	MP1A	Z	1.907	1.907	0	%100
53	M82B	X	1.086	1.086	0	%100
54	M82B	Z	.627	.627	0	%100
55	MP4C	X	3.303	3.303	0	%100
56	MP4C	Z	1.907	1.907	0	%100
57	MP3C	X	3.303	3.303	0	%100
58	MP3C	Z	1.907	1.907	0	%100
59	MP2C	X	3.303	3.303	0	%100
60	MP2C	Z	1.907	1.907	0	%100
61	MP1C	X	3.303	3.303	0	%100
62	MP1C	Z	1.907	1.907	0	%100
63	M95	X	4.344	4.344	0	%100
64	M95	Z	2.508	2.508	0	%100
65	MP4B	X	3.303	3.303	0	%100
66	MP4B	Z	1.907	1.907	0	%100
67	MP3B	X	3.303	3.303	0	%100
68	MP3B	Z	1.907	1.907	0	%100
69	MP2B	X	3.303	3.303	0	%100
70	MP2B	Z	1.907	1.907	0	%100
71	MP1B	X	3.303	3.303	0	%100
72	MP1B	Z	1.907	1.907	0	%100
73	M82C	X	2.181	2.181	0	%100
74	M82C	Z	1.259	1.259	0	%100
75	M83D	X	2.745	2.745	0	%100
76	M83D	Z	1.585	1.585	0	%100
77	M84C	X	1.748	1.748	0	%100
78	M84C	Z	1.009	1.009	0	%100
79	M86A	X	6.932	6.932	0	%100
80	M86A	Z	4.002	4.002	0	%100
81	M87A	X	1.733	1.733	0	%100
82	M87A	Z	1.001	1.001	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	6.994	6.994	0	%100
88	M93A	Z	4.038	4.038	0	%100
89	M95A	X	1.733	1.733	0	%100
90	M95A	Z	1.001	1.001	0	%100
91	M96A	X	1.733	1.733	0	%100
92	M96A	Z	1.001	1.001	0	%100
93	M100	X	.826	.826	0	%100
94	M100	Z	.477	.477	0	%100
95	M105	X	.826	.826	0	%100
96	M105	Z	.477	.477	0	%100
97	M110	X	3.303	3.303	0	%100
98	M110	Z	1.907	1.907	0	%100
99	M121	X	.775	.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	M121	Z	.447	.447	0	%100
101	M122	X	3.099	3.099	0	%100
102	M122	Z	1.789	1.789	0	%100
103	M123	X	.775	.775	0	%100
104	M123	Z	.447	.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.881	1.881	0	%100
2	M1	Z	3.258	3.258	0	%100
3	M2	X	.42	.42	0	%100
4	M2	Z	.727	.727	0	%100
5	M3	X	.528	.528	0	%100
6	M3	Z	.915	.915	0	%100
7	M4	X	3.028	3.028	0	%100
8	M4	Z	5.245	5.245	0	%100
9	M5	X	.646	.646	0	%100
10	M5	Z	1.12	1.12	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	3.002	3.002	0	%100
14	M8	Z	5.199	5.199	0	%100
15	M30	X	.563	.563	0	%100
16	M30	Z	.974	.974	0	%100
17	M31	X	.563	.563	0	%100
18	M31	Z	.974	.974	0	%100
19	M33A	X	1.765	1.765	0	%100
20	M33A	Z	3.057	3.057	0	%100
21	MP4A	X	1.907	1.907	0	%100
22	MP4A	Z	3.303	3.303	0	%100
23	OVP	X	1.62	1.62	0	%100
24	OVP	Z	2.807	2.807	0	%100
25	M52	X	2.25	2.25	0	%100
26	M52	Z	3.897	3.897	0	%100
27	M53	X	2.25	2.25	0	%100
28	M53	Z	3.897	3.897	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	.563	.563	0	%100
32	M73A	Z	.974	.974	0	%100
33	M74A	X	.563	.563	0	%100
34	M74A	Z	.974	.974	0	%100
35	M76A	X	1.765	1.765	0	%100
36	M76A	Z	3.057	3.057	0	%100
37	M79A	X	2.899	2.899	0	%100
38	M79A	Z	5.022	5.022	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	2.899	2.899	0	%100
42	M81A	Z	5.022	5.022	0	%100
43	M83B	X	.646	.646	0	%100
44	M83B	Z	1.12	1.12	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	1.907	1.907	0	%100
48	MP3A	Z	3.303	3.303	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	MP2A	X	1.907	1.907	0	%100
50	MP2A	Z	3.303	3.303	0	%100
51	MP1A	X	1.907	1.907	0	%100
52	MP1A	Z	3.303	3.303	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	1.907	1.907	0	%100
56	MP4C	Z	3.303	3.303	0	%100
57	MP3C	X	1.907	1.907	0	%100
58	MP3C	Z	3.303	3.303	0	%100
59	MP2C	X	1.907	1.907	0	%100
60	MP2C	Z	3.303	3.303	0	%100
61	MP1C	X	1.907	1.907	0	%100
62	MP1C	Z	3.303	3.303	0	%100
63	M95	X	1.881	1.881	0	%100
64	M95	Z	3.258	3.258	0	%100
65	MP4B	X	1.907	1.907	0	%100
66	MP4B	Z	3.303	3.303	0	%100
67	MP3B	X	1.907	1.907	0	%100
68	MP3B	Z	3.303	3.303	0	%100
69	MP2B	X	1.907	1.907	0	%100
70	MP2B	Z	3.303	3.303	0	%100
71	MP1B	X	1.907	1.907	0	%100
72	MP1B	Z	3.303	3.303	0	%100
73	M82C	X	1.679	1.679	0	%100
74	M82C	Z	2.907	2.907	0	%100
75	M83D	X	2.113	2.113	0	%100
76	M83D	Z	3.66	3.66	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	3.002	3.002	0	%100
80	M86A	Z	5.199	5.199	0	%100
81	M87A	X	3.002	3.002	0	%100
82	M87A	Z	5.199	5.199	0	%100
83	M91A	X	.42	.42	0	%100
84	M91A	Z	.727	.727	0	%100
85	M92	X	.528	.528	0	%100
86	M92	Z	.915	.915	0	%100
87	M93A	X	3.028	3.028	0	%100
88	M93A	Z	5.245	5.245	0	%100
89	M95A	X	3.002	3.002	0	%100
90	M95A	Z	5.199	5.199	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	1.43	1.43	0	%100
94	M100	Z	2.477	2.477	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	1.43	1.43	0	%100
98	M110	Z	2.477	2.477	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	1.342	1.342	0	%100
102	M122	Z	2.324	2.324	0	%100
103	M123	X	1.342	1.342	0	%100
104	M123	Z	2.324	2.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	5.016	5.016	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	8.075	8.075	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.724	1.724	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	2.001	2.001	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	2.001	2.001	0	%100
15	M30	X	0	0	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	4.707	4.707	0	%100
21	MP4A	X	0	0	0	%100
22	MP4A	Z	3.814	3.814	0	%100
23	OVP	X	0	0	0	%100
24	OVP	Z	3.241	3.241	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	3.375	3.375	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	3.375	3.375	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	1.177	1.177	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	3.375	3.375	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	3.375	3.375	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	1.177	1.177	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	1.933	1.933	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	.431	.431	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	7.731	7.731	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	.431	.431	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	1.933	1.933	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	3.814	3.814	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	3.814	3.814	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	3.814	3.814	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	1.254	1.254	0	%100
55	MP4C	X	0	0	0	%100
56	MP4C	Z	3.814	3.814	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	3.814	3.814	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	3.814	3.814	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	3.814	3.814	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	1.254	1.254	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	3.814	3.814	0	%100
67	MP3B	X	0	0	0	%100
68	MP3B	Z	3.814	3.814	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	3.814	3.814	0	%100
71	MP1B	X	0	0	0	%100
72	MP1B	Z	3.814	3.814	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	2.518	2.518	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	3.17	3.17	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	2.019	2.019	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	2.001	2.001	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	8.004	8.004	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	2.518	2.518	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	3.17	3.17	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	2.019	2.019	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	8.004	8.004	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	2.001	2.001	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	3.814	3.814	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	.953	.953	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	.953	.953	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	.895	.895	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	.895	.895	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	3.579	3.579	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.881	-1.881	0	%100
2	M1	Z	3.258	3.258	0	%100
3	M2	X	-.42	-.42	0	%100
4	M2	Z	.727	.727	0	%100
5	M3	X	-.528	-.528	0	%100
6	M3	Z	.915	.915	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M4	X	-3.028	-3.028	0	%100
8	M4	Z	5.245	5.245	0	%100
9	M5	X	-.646	-.646	0	%100
10	M5	Z	1.12	1.12	0	%100
11	M7	X	-3.002	-3.002	0	%100
12	M7	Z	5.199	5.199	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	-.563	-.563	0	%100
16	M30	Z	.974	.974	0	%100
17	M31	X	-.563	-.563	0	%100
18	M31	Z	.974	.974	0	%100
19	M33A	X	-1.765	-1.765	0	%100
20	M33A	Z	3.057	3.057	0	%100
21	MP4A	X	-1.907	-1.907	0	%100
22	MP4A	Z	3.303	3.303	0	%100
23	OVP	X	-1.62	-1.62	0	%100
24	OVP	Z	2.807	2.807	0	%100
25	M52	X	-.563	-.563	0	%100
26	M52	Z	.974	.974	0	%100
27	M53	X	-.563	-.563	0	%100
28	M53	Z	.974	.974	0	%100
29	M55	X	-1.765	-1.765	0	%100
30	M55	Z	3.057	3.057	0	%100
31	M73A	X	-2.25	-2.25	0	%100
32	M73A	Z	3.897	3.897	0	%100
33	M74A	X	-2.25	-2.25	0	%100
34	M74A	Z	3.897	3.897	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	-.646	-.646	0	%100
40	M80A	Z	1.12	1.12	0	%100
41	M81A	X	-2.899	-2.899	0	%100
42	M81A	Z	5.022	5.022	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	-2.899	-2.899	0	%100
46	M84A	Z	5.022	5.022	0	%100
47	MP3A	X	-1.907	-1.907	0	%100
48	MP3A	Z	3.303	3.303	0	%100
49	MP2A	X	-1.907	-1.907	0	%100
50	MP2A	Z	3.303	3.303	0	%100
51	MP1A	X	-1.907	-1.907	0	%100
52	MP1A	Z	3.303	3.303	0	%100
53	M82B	X	-1.881	-1.881	0	%100
54	M82B	Z	3.258	3.258	0	%100
55	MP4C	X	-1.907	-1.907	0	%100
56	MP4C	Z	3.303	3.303	0	%100
57	MP3C	X	-1.907	-1.907	0	%100
58	MP3C	Z	3.303	3.303	0	%100
59	MP2C	X	-1.907	-1.907	0	%100
60	MP2C	Z	3.303	3.303	0	%100
61	MP1C	X	-1.907	-1.907	0	%100
62	MP1C	Z	3.303	3.303	0	%100
63	M95	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M95	Z	0	0	0	%100
65	MP4B	X	-1.907	-1.907	0	%100
66	MP4B	Z	3.303	3.303	0	%100
67	MP3B	X	-1.907	-1.907	0	%100
68	MP3B	Z	3.303	3.303	0	%100
69	MP2B	X	-1.907	-1.907	0	%100
70	MP2B	Z	3.303	3.303	0	%100
71	MP1B	X	-1.907	-1.907	0	%100
72	MP1B	Z	3.303	3.303	0	%100
73	M82C	X	-.42	-.42	0	%100
74	M82C	Z	.727	.727	0	%100
75	M83D	X	-.528	-.528	0	%100
76	M83D	Z	.915	.915	0	%100
77	M84C	X	-3.028	-3.028	0	%100
78	M84C	Z	5.245	5.245	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	-3.002	-3.002	0	%100
82	M87A	Z	5.199	5.199	0	%100
83	M91A	X	-1.679	-1.679	0	%100
84	M91A	Z	2.907	2.907	0	%100
85	M92	X	-2.113	-2.113	0	%100
86	M92	Z	3.66	3.66	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	-3.002	-3.002	0	%100
90	M95A	Z	5.199	5.199	0	%100
91	M96A	X	-3.002	-3.002	0	%100
92	M96A	Z	5.199	5.199	0	%100
93	M100	X	-1.43	-1.43	0	%100
94	M100	Z	2.477	2.477	0	%100
95	M105	X	-1.43	-1.43	0	%100
96	M105	Z	2.477	2.477	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	-1.342	-1.342	0	%100
100	M121	Z	2.324	2.324	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	-1.342	-1.342	0	%100
104	M123	Z	2.324	2.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.086	-1.086	0	%100
2	M1	Z	.627	.627	0	%100
3	M2	X	-2.181	-2.181	0	%100
4	M2	Z	1.259	1.259	0	%100
5	M3	X	-2.745	-2.745	0	%100
6	M3	Z	1.585	1.585	0	%100
7	M4	X	-1.748	-1.748	0	%100
8	M4	Z	1.009	1.009	0	%100
9	M5	X	-.373	-.373	0	%100
10	M5	Z	.215	.215	0	%100
11	M7	X	-6.932	-6.932	0	%100
12	M7	Z	4.002	4.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M8	X	-1.733	-1.733	0	%100
14	M8	Z	1.001	1.001	0	%100
15	M30	X	-2.923	-2.923	0	%100
16	M30	Z	1.688	1.688	0	%100
17	M31	X	-2.923	-2.923	0	%100
18	M31	Z	1.688	1.688	0	%100
19	M33A	X	-1.019	-1.019	0	%100
20	M33A	Z	.588	.588	0	%100
21	MP4A	X	-3.303	-3.303	0	%100
22	MP4A	Z	1.907	1.907	0	%100
23	OVP	X	-2.807	-2.807	0	%100
24	OVP	Z	1.62	1.62	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	-4.077	-4.077	0	%100
30	M55	Z	2.354	2.354	0	%100
31	M73A	X	-2.923	-2.923	0	%100
32	M73A	Z	1.688	1.688	0	%100
33	M74A	X	-2.923	-2.923	0	%100
34	M74A	Z	1.688	1.688	0	%100
35	M76A	X	-1.019	-1.019	0	%100
36	M76A	Z	.588	.588	0	%100
37	M79A	X	-1.674	-1.674	0	%100
38	M79A	Z	.966	.966	0	%100
39	M80A	X	-1.493	-1.493	0	%100
40	M80A	Z	.862	.862	0	%100
41	M81A	X	-1.674	-1.674	0	%100
42	M81A	Z	.966	.966	0	%100
43	M83B	X	-.373	-.373	0	%100
44	M83B	Z	.215	.215	0	%100
45	M84A	X	-6.696	-6.696	0	%100
46	M84A	Z	3.866	3.866	0	%100
47	MP3A	X	-3.303	-3.303	0	%100
48	MP3A	Z	1.907	1.907	0	%100
49	MP2A	X	-3.303	-3.303	0	%100
50	MP2A	Z	1.907	1.907	0	%100
51	MP1A	X	-3.303	-3.303	0	%100
52	MP1A	Z	1.907	1.907	0	%100
53	M82B	X	-4.344	-4.344	0	%100
54	M82B	Z	2.508	2.508	0	%100
55	MP4C	X	-3.303	-3.303	0	%100
56	MP4C	Z	1.907	1.907	0	%100
57	MP3C	X	-3.303	-3.303	0	%100
58	MP3C	Z	1.907	1.907	0	%100
59	MP2C	X	-3.303	-3.303	0	%100
60	MP2C	Z	1.907	1.907	0	%100
61	MP1C	X	-3.303	-3.303	0	%100
62	MP1C	Z	1.907	1.907	0	%100
63	M95	X	-1.086	-1.086	0	%100
64	M95	Z	.627	.627	0	%100
65	MP4B	X	-3.303	-3.303	0	%100
66	MP4B	Z	1.907	1.907	0	%100
67	MP3B	X	-3.303	-3.303	0	%100
68	MP3B	Z	1.907	1.907	0	%100
69	MP2B	X	-3.303	-3.303	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	MP2B	Z	1.907	1.907	0	%100
71	MP1B	X	-3.303	-3.303	0	%100
72	MP1B	Z	1.907	1.907	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	-6.994	-6.994	0	%100
78	M84C	Z	4.038	4.038	0	%100
79	M86A	X	-1.733	-1.733	0	%100
80	M86A	Z	1.001	1.001	0	%100
81	M87A	X	-1.733	-1.733	0	%100
82	M87A	Z	1.001	1.001	0	%100
83	M91A	X	-2.181	-2.181	0	%100
84	M91A	Z	1.259	1.259	0	%100
85	M92	X	-2.745	-2.745	0	%100
86	M92	Z	1.585	1.585	0	%100
87	M93A	X	-1.748	-1.748	0	%100
88	M93A	Z	1.009	1.009	0	%100
89	M95A	X	-1.733	-1.733	0	%100
90	M95A	Z	1.001	1.001	0	%100
91	M96A	X	-6.932	-6.932	0	%100
92	M96A	Z	4.002	4.002	0	%100
93	M100	X	-.826	-.826	0	%100
94	M100	Z	.477	.477	0	%100
95	M105	X	-3.303	-3.303	0	%100
96	M105	Z	1.907	1.907	0	%100
97	M110	X	-.826	-.826	0	%100
98	M110	Z	.477	.477	0	%100
99	M121	X	-3.099	-3.099	0	%100
100	M121	Z	1.789	1.789	0	%100
101	M122	X	-.775	-.775	0	%100
102	M122	Z	.447	.447	0	%100
103	M123	X	-.775	-.775	0	%100
104	M123	Z	.447	.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.357	-3.357	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.227	-4.227	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M7	X	-6.003	-6.003	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	-6.003	-6.003	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	-4.5	-4.5	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	-4.5	-4.5	0	%100
18	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M33A	X	0	0	0	%100
20	M33A	Z	0	0	0	%100
21	MP4A	X	-3.814	-3.814	0	%100
22	MP4A	Z	0	0	0	%100
23	OVP	X	-3.241	-3.241	0	%100
24	OVP	Z	0	0	0	%100
25	M52	X	-1.125	-1.125	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	-1.125	-1.125	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	-3.53	-3.53	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	-1.125	-1.125	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	-1.125	-1.125	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	-3.53	-3.53	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	-5.799	-5.799	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	-1.293	-1.293	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	0	0	0	%100
43	M83B	X	-1.293	-1.293	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	-5.799	-5.799	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	-3.814	-3.814	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	-3.814	-3.814	0	%100
50	MP2A	Z	0	0	0	%100
51	MP1A	X	-3.814	-3.814	0	%100
52	MP1A	Z	0	0	0	%100
53	M82B	X	-3.762	-3.762	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	-3.814	-3.814	0	%100
56	MP4C	Z	0	0	0	%100
57	MP3C	X	-3.814	-3.814	0	%100
58	MP3C	Z	0	0	0	%100
59	MP2C	X	-3.814	-3.814	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	-3.814	-3.814	0	%100
62	MP1C	Z	0	0	0	%100
63	M95	X	-3.762	-3.762	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	-3.814	-3.814	0	%100
66	MP4B	Z	0	0	0	%100
67	MP3B	X	-3.814	-3.814	0	%100
68	MP3B	Z	0	0	0	%100
69	MP2B	X	-3.814	-3.814	0	%100
70	MP2B	Z	0	0	0	%100
71	MP1B	X	-3.814	-3.814	0	%100
72	MP1B	Z	0	0	0	%100
73	M82C	X	-.839	-.839	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	-1.057	-1.057	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M83D	Z	0	0	0	%100
77	M84C	X	-6.057	-6.057	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	-6.003	-6.003	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	0	0	0	%100
83	M91A	X	-.839	-.839	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	-1.057	-1.057	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	-6.057	-6.057	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	0	0	0	%100
91	M96A	X	-6.003	-6.003	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M105	X	-2.86	-2.86	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	-2.86	-2.86	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	-2.684	-2.684	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	-2.684	-2.684	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.086	-1.086	0	%100
2	M1	Z	-.627	-.627	0	%100
3	M2	X	-2.181	-2.181	0	%100
4	M2	Z	-1.259	-1.259	0	%100
5	M3	X	-2.745	-2.745	0	%100
6	M3	Z	-1.585	-1.585	0	%100
7	M4	X	-1.748	-1.748	0	%100
8	M4	Z	-1.009	-1.009	0	%100
9	M5	X	-.373	-.373	0	%100
10	M5	Z	-.215	-.215	0	%100
11	M7	X	-1.733	-1.733	0	%100
12	M7	Z	-1.001	-1.001	0	%100
13	M8	X	-6.932	-6.932	0	%100
14	M8	Z	-4.002	-4.002	0	%100
15	M30	X	-2.923	-2.923	0	%100
16	M30	Z	-1.688	-1.688	0	%100
17	M31	X	-2.923	-2.923	0	%100
18	M31	Z	-1.688	-1.688	0	%100
19	M33A	X	-1.019	-1.019	0	%100
20	M33A	Z	-.588	-.588	0	%100
21	MP4A	X	-3.303	-3.303	0	%100
22	MP4A	Z	-1.907	-1.907	0	%100
23	OVP	X	-2.807	-2.807	0	%100
24	OVP	Z	-1.62	-1.62	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M52	X	-2.923	-2.923	0	%100
26	M52	Z	-1.688	-1.688	0	%100
27	M53	X	-2.923	-2.923	0	%100
28	M53	Z	-1.688	-1.688	0	%100
29	M55	X	-1.019	-1.019	0	%100
30	M55	Z	-.588	-.588	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	-4.077	-4.077	0	%100
36	M76A	Z	-2.354	-2.354	0	%100
37	M79A	X	-6.696	-6.696	0	%100
38	M79A	Z	-3.866	-3.866	0	%100
39	M80A	X	-.373	-.373	0	%100
40	M80A	Z	-.215	-.215	0	%100
41	M81A	X	-1.674	-1.674	0	%100
42	M81A	Z	-.966	-.966	0	%100
43	M83B	X	-1.493	-1.493	0	%100
44	M83B	Z	-.862	-.862	0	%100
45	M84A	X	-1.674	-1.674	0	%100
46	M84A	Z	-.966	-.966	0	%100
47	MP3A	X	-3.303	-3.303	0	%100
48	MP3A	Z	-1.907	-1.907	0	%100
49	MP2A	X	-3.303	-3.303	0	%100
50	MP2A	Z	-1.907	-1.907	0	%100
51	MP1A	X	-3.303	-3.303	0	%100
52	MP1A	Z	-1.907	-1.907	0	%100
53	M82B	X	-1.086	-1.086	0	%100
54	M82B	Z	-.627	-.627	0	%100
55	MP4C	X	-3.303	-3.303	0	%100
56	MP4C	Z	-1.907	-1.907	0	%100
57	MP3C	X	-3.303	-3.303	0	%100
58	MP3C	Z	-1.907	-1.907	0	%100
59	MP2C	X	-3.303	-3.303	0	%100
60	MP2C	Z	-1.907	-1.907	0	%100
61	MP1C	X	-3.303	-3.303	0	%100
62	MP1C	Z	-1.907	-1.907	0	%100
63	M95	X	-4.344	-4.344	0	%100
64	M95	Z	-2.508	-2.508	0	%100
65	MP4B	X	-3.303	-3.303	0	%100
66	MP4B	Z	-1.907	-1.907	0	%100
67	MP3B	X	-3.303	-3.303	0	%100
68	MP3B	Z	-1.907	-1.907	0	%100
69	MP2B	X	-3.303	-3.303	0	%100
70	MP2B	Z	-1.907	-1.907	0	%100
71	MP1B	X	-3.303	-3.303	0	%100
72	MP1B	Z	-1.907	-1.907	0	%100
73	M82C	X	-2.181	-2.181	0	%100
74	M82C	Z	-1.259	-1.259	0	%100
75	M83D	X	-2.745	-2.745	0	%100
76	M83D	Z	-1.585	-1.585	0	%100
77	M84C	X	-1.748	-1.748	0	%100
78	M84C	Z	-1.009	-1.009	0	%100
79	M86A	X	-6.932	-6.932	0	%100
80	M86A	Z	-4.002	-4.002	0	%100
81	M87A	X	-1.733	-1.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	M87A	Z	-1.001	-1.001	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	-6.994	-6.994	0	%100
88	M93A	Z	-4.038	-4.038	0	%100
89	M95A	X	-1.733	-1.733	0	%100
90	M95A	Z	-1.001	-1.001	0	%100
91	M96A	X	-1.733	-1.733	0	%100
92	M96A	Z	-1.001	-1.001	0	%100
93	M100	X	-.826	-.826	0	%100
94	M100	Z	-.477	-.477	0	%100
95	M105	X	-.826	-.826	0	%100
96	M105	Z	-.477	-.477	0	%100
97	M110	X	-3.303	-3.303	0	%100
98	M110	Z	-1.907	-1.907	0	%100
99	M121	X	-.775	-.775	0	%100
100	M121	Z	-.447	-.447	0	%100
101	M122	X	-3.099	-3.099	0	%100
102	M122	Z	-1.789	-1.789	0	%100
103	M123	X	-.775	-.775	0	%100
104	M123	Z	-.447	-.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.881	-1.881	0	%100
2	M1	Z	-3.258	-3.258	0	%100
3	M2	X	-.42	-.42	0	%100
4	M2	Z	-.727	-.727	0	%100
5	M3	X	-.528	-.528	0	%100
6	M3	Z	-.915	-.915	0	%100
7	M4	X	-3.028	-3.028	0	%100
8	M4	Z	-5.245	-5.245	0	%100
9	M5	X	-.646	-.646	0	%100
10	M5	Z	-1.12	-1.12	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	-3.002	-3.002	0	%100
14	M8	Z	-5.199	-5.199	0	%100
15	M30	X	-.563	-.563	0	%100
16	M30	Z	-.974	-.974	0	%100
17	M31	X	-.563	-.563	0	%100
18	M31	Z	-.974	-.974	0	%100
19	M33A	X	-1.765	-1.765	0	%100
20	M33A	Z	-3.057	-3.057	0	%100
21	MP4A	X	-1.907	-1.907	0	%100
22	MP4A	Z	-3.303	-3.303	0	%100
23	OVP	X	-1.62	-1.62	0	%100
24	OVP	Z	-2.807	-2.807	0	%100
25	M52	X	-2.25	-2.25	0	%100
26	M52	Z	-3.897	-3.897	0	%100
27	M53	X	-2.25	-2.25	0	%100
28	M53	Z	-3.897	-3.897	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M73A	X	-.563	-.563	0	%100
32	M73A	Z	-.974	-.974	0	%100
33	M74A	X	-.563	-.563	0	%100
34	M74A	Z	-.974	-.974	0	%100
35	M76A	X	-1.765	-1.765	0	%100
36	M76A	Z	-3.057	-3.057	0	%100
37	M79A	X	-2.899	-2.899	0	%100
38	M79A	Z	-5.022	-5.022	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	-2.899	-2.899	0	%100
42	M81A	Z	-5.022	-5.022	0	%100
43	M83B	X	-.646	-.646	0	%100
44	M83B	Z	-1.12	-1.12	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	-1.907	-1.907	0	%100
48	MP3A	Z	-3.303	-3.303	0	%100
49	MP2A	X	-1.907	-1.907	0	%100
50	MP2A	Z	-3.303	-3.303	0	%100
51	MP1A	X	-1.907	-1.907	0	%100
52	MP1A	Z	-3.303	-3.303	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	-1.907	-1.907	0	%100
56	MP4C	Z	-3.303	-3.303	0	%100
57	MP3C	X	-1.907	-1.907	0	%100
58	MP3C	Z	-3.303	-3.303	0	%100
59	MP2C	X	-1.907	-1.907	0	%100
60	MP2C	Z	-3.303	-3.303	0	%100
61	MP1C	X	-1.907	-1.907	0	%100
62	MP1C	Z	-3.303	-3.303	0	%100
63	M95	X	-1.881	-1.881	0	%100
64	M95	Z	-3.258	-3.258	0	%100
65	MP4B	X	-1.907	-1.907	0	%100
66	MP4B	Z	-3.303	-3.303	0	%100
67	MP3B	X	-1.907	-1.907	0	%100
68	MP3B	Z	-3.303	-3.303	0	%100
69	MP2B	X	-1.907	-1.907	0	%100
70	MP2B	Z	-3.303	-3.303	0	%100
71	MP1B	X	-1.907	-1.907	0	%100
72	MP1B	Z	-3.303	-3.303	0	%100
73	M82C	X	-1.679	-1.679	0	%100
74	M82C	Z	-2.907	-2.907	0	%100
75	M83D	X	-2.113	-2.113	0	%100
76	M83D	Z	-3.66	-3.66	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	-3.002	-3.002	0	%100
80	M86A	Z	-5.199	-5.199	0	%100
81	M87A	X	-3.002	-3.002	0	%100
82	M87A	Z	-5.199	-5.199	0	%100
83	M91A	X	-.42	-.42	0	%100
84	M91A	Z	-.727	-.727	0	%100
85	M92	X	-.528	-.528	0	%100
86	M92	Z	-.915	-.915	0	%100
87	M93A	X	-3.028	-3.028	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	M93A	Z	-5.245	-5.245	0	%100
89	M95A	X	-3.002	-3.002	0	%100
90	M95A	Z	-5.199	-5.199	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	-1.43	-1.43	0	%100
94	M100	Z	-2.477	-2.477	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	-1.43	-1.43	0	%100
98	M110	Z	-2.477	-2.477	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	-1.342	-1.342	0	%100
102	M122	Z	-2.324	-2.324	0	%100
103	M123	X	-1.342	-1.342	0	%100
104	M123	Z	-2.324	-2.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.006	-1.006	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-2.415	-2.415	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.121	-.121	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	-.604	-.604	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	-.604	-.604	0	%100
15	M30	X	0	0	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	-.97	-.97	0	%100
21	MP4A	X	0	0	0	%100
22	MP4A	Z	-.574	-.574	0	%100
23	OVP	X	0	0	0	%100
24	OVP	Z	-.523	-.523	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	-.747	-.747	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	-.747	-.747	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	-.243	-.243	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	-.747	-.747	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	-.747	-.747	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	-.243	-.243	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M79A	X	0	0	0	%100
38	M79A	Z	-.496	-.496	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	-.03	-.03	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	-1.984	-1.984	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	-.03	-.03	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	-.496	-.496	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	-.574	-.574	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-.574	-.574	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	-.574	-.574	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	-.252	-.252	0	%100
55	MP4C	X	0	0	0	%100
56	MP4C	Z	-.574	-.574	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-.574	-.574	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-.574	-.574	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	-.574	-.574	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	-.252	-.252	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	-.574	-.574	0	%100
67	MP3B	X	0	0	0	%100
68	MP3B	Z	-.574	-.574	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-.574	-.574	0	%100
71	MP1B	X	0	0	0	%100
72	MP1B	Z	-.574	-.574	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	-.526	-.526	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	-.659	-.659	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	-.604	-.604	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	-.604	-.604	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	-2.415	-2.415	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	-.526	-.526	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	-.659	-.659	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	-.604	-.604	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	-2.415	-2.415	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	-.604	-.604	0	%100
93	M100	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M100	Z	-.574	-.574	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	-.143	-.143	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	-.143	-.143	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	-.188	-.188	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	-.188	-.188	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	-.75	-.75	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.377	.377	0	%100
2	M1	Z	-.654	-.654	0	%100
3	M2	X	.088	.088	0	%100
4	M2	Z	-.152	-.152	0	%100
5	M3	X	.11	.11	0	%100
6	M3	Z	-.19	-.19	0	%100
7	M4	X	.906	.906	0	%100
8	M4	Z	-1.569	-1.569	0	%100
9	M5	X	.045	.045	0	%100
10	M5	Z	-.078	-.078	0	%100
11	M7	X	.906	.906	0	%100
12	M7	Z	-1.569	-1.569	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	.125	.125	0	%100
16	M30	Z	-.216	-.216	0	%100
17	M31	X	.125	.125	0	%100
18	M31	Z	-.216	-.216	0	%100
19	M33A	X	.364	.364	0	%100
20	M33A	Z	-.63	-.63	0	%100
21	MP4A	X	.287	.287	0	%100
22	MP4A	Z	-.497	-.497	0	%100
23	OVP	X	.261	.261	0	%100
24	OVP	Z	-.453	-.453	0	%100
25	M52	X	.125	.125	0	%100
26	M52	Z	-.216	-.216	0	%100
27	M53	X	.125	.125	0	%100
28	M53	Z	-.216	-.216	0	%100
29	M55	X	.364	.364	0	%100
30	M55	Z	-.63	-.63	0	%100
31	M73A	X	.498	.498	0	%100
32	M73A	Z	-.863	-.863	0	%100
33	M74A	X	.498	.498	0	%100
34	M74A	Z	-.863	-.863	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	.045	.045	0	%100
40	M80A	Z	-.078	-.078	0	%100
41	M81A	X	.744	.744	0	%100
42	M81A	Z	-1.289	-1.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M83B	X	0	0	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	.744	.744	0	%100
46	M84A	Z	-1.289	-1.289	0	%100
47	MP3A	X	.287	.287	0	%100
48	MP3A	Z	-.497	-.497	0	%100
49	MP2A	X	.287	.287	0	%100
50	MP2A	Z	-.497	-.497	0	%100
51	MP1A	X	.287	.287	0	%100
52	MP1A	Z	-.497	-.497	0	%100
53	M82B	X	.377	.377	0	%100
54	M82B	Z	-.654	-.654	0	%100
55	MP4C	X	.287	.287	0	%100
56	MP4C	Z	-.497	-.497	0	%100
57	MP3C	X	.287	.287	0	%100
58	MP3C	Z	-.497	-.497	0	%100
59	MP2C	X	.287	.287	0	%100
60	MP2C	Z	-.497	-.497	0	%100
61	MP1C	X	.287	.287	0	%100
62	MP1C	Z	-.497	-.497	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	.287	.287	0	%100
66	MP4B	Z	-.497	-.497	0	%100
67	MP3B	X	.287	.287	0	%100
68	MP3B	Z	-.497	-.497	0	%100
69	MP2B	X	.287	.287	0	%100
70	MP2B	Z	-.497	-.497	0	%100
71	MP1B	X	.287	.287	0	%100
72	MP1B	Z	-.497	-.497	0	%100
73	M82C	X	.088	.088	0	%100
74	M82C	Z	-.152	-.152	0	%100
75	M83D	X	.11	.11	0	%100
76	M83D	Z	-.19	-.19	0	%100
77	M84C	X	.906	.906	0	%100
78	M84C	Z	-1.569	-1.569	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	.906	.906	0	%100
82	M87A	Z	-1.569	-1.569	0	%100
83	M91A	X	.351	.351	0	%100
84	M91A	Z	-.607	-.607	0	%100
85	M92	X	.439	.439	0	%100
86	M92	Z	-.761	-.761	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	.906	.906	0	%100
90	M95A	Z	-1.569	-1.569	0	%100
91	M96A	X	.906	.906	0	%100
92	M96A	Z	-1.569	-1.569	0	%100
93	M100	X	.215	.215	0	%100
94	M100	Z	-.373	-.373	0	%100
95	M105	X	.215	.215	0	%100
96	M105	Z	-.373	-.373	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	.281	.281	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	M121	Z	-.487	-.487	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	.281	.281	0	%100
104	M123	Z	-.487	-.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.218	.218	0	%100
2	M1	Z	-.126	-.126	0	%100
3	M2	X	.455	.455	0	%100
4	M2	Z	-.263	-.263	0	%100
5	M3	X	.571	.571	0	%100
6	M3	Z	-.33	-.33	0	%100
7	M4	X	.523	.523	0	%100
8	M4	Z	-.302	-.302	0	%100
9	M5	X	.026	.026	0	%100
10	M5	Z	-.015	-.015	0	%100
11	M7	X	2.092	2.092	0	%100
12	M7	Z	-1.208	-1.208	0	%100
13	M8	X	.523	.523	0	%100
14	M8	Z	-.302	-.302	0	%100
15	M30	X	.647	.647	0	%100
16	M30	Z	-.374	-.374	0	%100
17	M31	X	.647	.647	0	%100
18	M31	Z	-.374	-.374	0	%100
19	M33A	X	.21	.21	0	%100
20	M33A	Z	-.121	-.121	0	%100
21	MP4A	X	.497	.497	0	%100
22	MP4A	Z	-.287	-.287	0	%100
23	OVP	X	.453	.453	0	%100
24	OVP	Z	-.261	-.261	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	.84	.84	0	%100
30	M55	Z	-.485	-.485	0	%100
31	M73A	X	.647	.647	0	%100
32	M73A	Z	-.374	-.374	0	%100
33	M74A	X	.647	.647	0	%100
34	M74A	Z	-.374	-.374	0	%100
35	M76A	X	.21	.21	0	%100
36	M76A	Z	-.121	-.121	0	%100
37	M79A	X	.43	.43	0	%100
38	M79A	Z	-.248	-.248	0	%100
39	M80A	X	.105	.105	0	%100
40	M80A	Z	-.06	-.06	0	%100
41	M81A	X	.43	.43	0	%100
42	M81A	Z	-.248	-.248	0	%100
43	M83B	X	.026	.026	0	%100
44	M83B	Z	-.015	-.015	0	%100
45	M84A	X	1.718	1.718	0	%100
46	M84A	Z	-.992	-.992	0	%100
47	MP3A	X	.497	.497	0	%100
48	MP3A	Z	-.287	-.287	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	MP2A	X	.497	.497	0	%100
50	MP2A	Z	-.287	-.287	0	%100
51	MP1A	X	.497	.497	0	%100
52	MP1A	Z	-.287	-.287	0	%100
53	M82B	X	.872	.872	0	%100
54	M82B	Z	-.503	-.503	0	%100
55	MP4C	X	.497	.497	0	%100
56	MP4C	Z	-.287	-.287	0	%100
57	MP3C	X	.497	.497	0	%100
58	MP3C	Z	-.287	-.287	0	%100
59	MP2C	X	.497	.497	0	%100
60	MP2C	Z	-.287	-.287	0	%100
61	MP1C	X	.497	.497	0	%100
62	MP1C	Z	-.287	-.287	0	%100
63	M95	X	.218	.218	0	%100
64	M95	Z	-.126	-.126	0	%100
65	MP4B	X	.497	.497	0	%100
66	MP4B	Z	-.287	-.287	0	%100
67	MP3B	X	.497	.497	0	%100
68	MP3B	Z	-.287	-.287	0	%100
69	MP2B	X	.497	.497	0	%100
70	MP2B	Z	-.287	-.287	0	%100
71	MP1B	X	.497	.497	0	%100
72	MP1B	Z	-.287	-.287	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	2.092	2.092	0	%100
78	M84C	Z	-1.208	-1.208	0	%100
79	M86A	X	.523	.523	0	%100
80	M86A	Z	-.302	-.302	0	%100
81	M87A	X	.523	.523	0	%100
82	M87A	Z	-.302	-.302	0	%100
83	M91A	X	.455	.455	0	%100
84	M91A	Z	-.263	-.263	0	%100
85	M92	X	.571	.571	0	%100
86	M92	Z	-.33	-.33	0	%100
87	M93A	X	.523	.523	0	%100
88	M93A	Z	-.302	-.302	0	%100
89	M95A	X	.523	.523	0	%100
90	M95A	Z	-.302	-.302	0	%100
91	M96A	X	2.092	2.092	0	%100
92	M96A	Z	-1.208	-1.208	0	%100
93	M100	X	.124	.124	0	%100
94	M100	Z	-.072	-.072	0	%100
95	M105	X	.497	.497	0	%100
96	M105	Z	-.287	-.287	0	%100
97	M110	X	.124	.124	0	%100
98	M110	Z	-.072	-.072	0	%100
99	M121	X	.65	.65	0	%100
100	M121	Z	-.375	-.375	0	%100
101	M122	X	.162	.162	0	%100
102	M122	Z	-.094	-.094	0	%100
103	M123	X	.162	.162	0	%100
104	M123	Z	-.094	-.094	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.701	.701	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.879	.879	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M7	X	1.811	1.811	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	1.811	1.811	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	.996	.996	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	.996	.996	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	0	0	0	%100
21	MP4A	X	.574	.574	0	%100
22	MP4A	Z	0	0	0	%100
23	OVP	X	.523	.523	0	%100
24	OVP	Z	0	0	0	%100
25	M52	X	.249	.249	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	.249	.249	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	.728	.728	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	.249	.249	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	.249	.249	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	.728	.728	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	1.488	1.488	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	.091	.091	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	0	0	0	%100
43	M83B	X	.091	.091	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	1.488	1.488	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	.574	.574	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	.574	.574	0	%100
50	MP2A	Z	0	0	0	%100
51	MP1A	X	.574	.574	0	%100
52	MP1A	Z	0	0	0	%100
53	M82B	X	.755	.755	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	.574	.574	0	%100
56	MP4C	Z	0	0	0	%100
57	MP3C	X	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	0	0	0	%100
59	MP2C	X	.574	.574	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	.574	.574	0	%100
62	MP1C	Z	0	0	0	%100
63	M95	X	.755	.755	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	.574	.574	0	%100
66	MP4B	Z	0	0	0	%100
67	MP3B	X	.574	.574	0	%100
68	MP3B	Z	0	0	0	%100
69	MP2B	X	.574	.574	0	%100
70	MP2B	Z	0	0	0	%100
71	MP1B	X	.574	.574	0	%100
72	MP1B	Z	0	0	0	%100
73	M82C	X	.175	.175	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	.22	.22	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	1.811	1.811	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	1.811	1.811	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	0	0	0	%100
83	M91A	X	.175	.175	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	.22	.22	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	1.811	1.811	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	0	0	0	%100
91	M96A	X	1.811	1.811	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M105	X	.43	.43	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	.43	.43	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	.563	.563	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	.563	.563	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.218	.218	0	%100
2	M1	Z	.126	.126	0	%100
3	M2	X	.455	.455	0	%100
4	M2	Z	.263	.263	0	%100
5	M3	X	.571	.571	0	%100
6	M3	Z	.33	.33	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M4	X	.523	.523	0	%100
8	M4	Z	.302	.302	0	%100
9	M5	X	.026	.026	0	%100
10	M5	Z	.015	.015	0	%100
11	M7	X	.523	.523	0	%100
12	M7	Z	.302	.302	0	%100
13	M8	X	2.092	2.092	0	%100
14	M8	Z	1.208	1.208	0	%100
15	M30	X	.647	.647	0	%100
16	M30	Z	.374	.374	0	%100
17	M31	X	.647	.647	0	%100
18	M31	Z	.374	.374	0	%100
19	M33A	X	.21	.21	0	%100
20	M33A	Z	.121	.121	0	%100
21	MP4A	X	.497	.497	0	%100
22	MP4A	Z	.287	.287	0	%100
23	OVP	X	.453	.453	0	%100
24	OVP	Z	.261	.261	0	%100
25	M52	X	.647	.647	0	%100
26	M52	Z	.374	.374	0	%100
27	M53	X	.647	.647	0	%100
28	M53	Z	.374	.374	0	%100
29	M55	X	.21	.21	0	%100
30	M55	Z	.121	.121	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	.84	.84	0	%100
36	M76A	Z	.485	.485	0	%100
37	M79A	X	1.718	1.718	0	%100
38	M79A	Z	.992	.992	0	%100
39	M80A	X	.026	.026	0	%100
40	M80A	Z	.015	.015	0	%100
41	M81A	X	.43	.43	0	%100
42	M81A	Z	.248	.248	0	%100
43	M83B	X	.105	.105	0	%100
44	M83B	Z	.06	.06	0	%100
45	M84A	X	.43	.43	0	%100
46	M84A	Z	.248	.248	0	%100
47	MP3A	X	.497	.497	0	%100
48	MP3A	Z	.287	.287	0	%100
49	MP2A	X	.497	.497	0	%100
50	MP2A	Z	.287	.287	0	%100
51	MP1A	X	.497	.497	0	%100
52	MP1A	Z	.287	.287	0	%100
53	M82B	X	.218	.218	0	%100
54	M82B	Z	.126	.126	0	%100
55	MP4C	X	.497	.497	0	%100
56	MP4C	Z	.287	.287	0	%100
57	MP3C	X	.497	.497	0	%100
58	MP3C	Z	.287	.287	0	%100
59	MP2C	X	.497	.497	0	%100
60	MP2C	Z	.287	.287	0	%100
61	MP1C	X	.497	.497	0	%100
62	MP1C	Z	.287	.287	0	%100
63	M95	X	.872	.872	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M95	Z	.503	.503	0	%100
65	MP4B	X	.497	.497	0	%100
66	MP4B	Z	.287	.287	0	%100
67	MP3B	X	.497	.497	0	%100
68	MP3B	Z	.287	.287	0	%100
69	MP2B	X	.497	.497	0	%100
70	MP2B	Z	.287	.287	0	%100
71	MP1B	X	.497	.497	0	%100
72	MP1B	Z	.287	.287	0	%100
73	M82C	X	.455	.455	0	%100
74	M82C	Z	.263	.263	0	%100
75	M83D	X	.571	.571	0	%100
76	M83D	Z	.33	.33	0	%100
77	M84C	X	.523	.523	0	%100
78	M84C	Z	.302	.302	0	%100
79	M86A	X	2.092	2.092	0	%100
80	M86A	Z	1.208	1.208	0	%100
81	M87A	X	.523	.523	0	%100
82	M87A	Z	.302	.302	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	2.092	2.092	0	%100
88	M93A	Z	1.208	1.208	0	%100
89	M95A	X	.523	.523	0	%100
90	M95A	Z	.302	.302	0	%100
91	M96A	X	.523	.523	0	%100
92	M96A	Z	.302	.302	0	%100
93	M100	X	.124	.124	0	%100
94	M100	Z	.072	.072	0	%100
95	M105	X	.124	.124	0	%100
96	M105	Z	.072	.072	0	%100
97	M110	X	.497	.497	0	%100
98	M110	Z	.287	.287	0	%100
99	M121	X	.162	.162	0	%100
100	M121	Z	.094	.094	0	%100
101	M122	X	.65	.65	0	%100
102	M122	Z	.375	.375	0	%100
103	M123	X	.162	.162	0	%100
104	M123	Z	.094	.094	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.377	.377	0	%100
2	M1	Z	.654	.654	0	%100
3	M2	X	.088	.088	0	%100
4	M2	Z	.152	.152	0	%100
5	M3	X	.11	.11	0	%100
6	M3	Z	.19	.19	0	%100
7	M4	X	.906	.906	0	%100
8	M4	Z	1.569	1.569	0	%100
9	M5	X	.045	.045	0	%100
10	M5	Z	.078	.078	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M8	X	.906	.906	0	%100
14	M8	Z	1.569	1.569	0	%100
15	M30	X	.125	.125	0	%100
16	M30	Z	.216	.216	0	%100
17	M31	X	.125	.125	0	%100
18	M31	Z	.216	.216	0	%100
19	M33A	X	.364	.364	0	%100
20	M33A	Z	.63	.63	0	%100
21	MP4A	X	.287	.287	0	%100
22	MP4A	Z	.497	.497	0	%100
23	OVP	X	.261	.261	0	%100
24	OVP	Z	.453	.453	0	%100
25	M52	X	.498	.498	0	%100
26	M52	Z	.863	.863	0	%100
27	M53	X	.498	.498	0	%100
28	M53	Z	.863	.863	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	.125	.125	0	%100
32	M73A	Z	.216	.216	0	%100
33	M74A	X	.125	.125	0	%100
34	M74A	Z	.216	.216	0	%100
35	M76A	X	.364	.364	0	%100
36	M76A	Z	.63	.63	0	%100
37	M79A	X	.744	.744	0	%100
38	M79A	Z	1.289	1.289	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	.744	.744	0	%100
42	M81A	Z	1.289	1.289	0	%100
43	M83B	X	.045	.045	0	%100
44	M83B	Z	.078	.078	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	.287	.287	0	%100
48	MP3A	Z	.497	.497	0	%100
49	MP2A	X	.287	.287	0	%100
50	MP2A	Z	.497	.497	0	%100
51	MP1A	X	.287	.287	0	%100
52	MP1A	Z	.497	.497	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	.287	.287	0	%100
56	MP4C	Z	.497	.497	0	%100
57	MP3C	X	.287	.287	0	%100
58	MP3C	Z	.497	.497	0	%100
59	MP2C	X	.287	.287	0	%100
60	MP2C	Z	.497	.497	0	%100
61	MP1C	X	.287	.287	0	%100
62	MP1C	Z	.497	.497	0	%100
63	M95	X	.377	.377	0	%100
64	M95	Z	.654	.654	0	%100
65	MP4B	X	.287	.287	0	%100
66	MP4B	Z	.497	.497	0	%100
67	MP3B	X	.287	.287	0	%100
68	MP3B	Z	.497	.497	0	%100
69	MP2B	X	.287	.287	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	MP2B	Z	.497	.497	0	%100
71	MP1B	X	.287	.287	0	%100
72	MP1B	Z	.497	.497	0	%100
73	M82C	X	.351	.351	0	%100
74	M82C	Z	.607	.607	0	%100
75	M83D	X	.439	.439	0	%100
76	M83D	Z	.761	.761	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	.906	.906	0	%100
80	M86A	Z	1.569	1.569	0	%100
81	M87A	X	.906	.906	0	%100
82	M87A	Z	1.569	1.569	0	%100
83	M91A	X	.088	.088	0	%100
84	M91A	Z	.152	.152	0	%100
85	M92	X	.11	.11	0	%100
86	M92	Z	.19	.19	0	%100
87	M93A	X	.906	.906	0	%100
88	M93A	Z	1.569	1.569	0	%100
89	M95A	X	.906	.906	0	%100
90	M95A	Z	1.569	1.569	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	.215	.215	0	%100
94	M100	Z	.373	.373	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	.215	.215	0	%100
98	M110	Z	.373	.373	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	.281	.281	0	%100
102	M122	Z	.487	.487	0	%100
103	M123	X	.281	.281	0	%100
104	M123	Z	.487	.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.006	1.006	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	2.415	2.415	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.121	.121	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	.604	.604	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	.604	.604	0	%100
15	M30	X	0	0	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	0	0	0	%100
18	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M33A	X	0	0	0	%100
20	M33A	Z	.97	.97	0	%100
21	MP4A	X	0	0	0	%100
22	MP4A	Z	.574	.574	0	%100
23	OVP	X	0	0	0	%100
24	OVP	Z	.523	.523	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	.747	.747	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	.747	.747	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	.243	.243	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	.747	.747	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	.747	.747	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	.243	.243	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	.496	.496	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	.03	.03	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	1.984	1.984	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	.03	.03	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	.496	.496	0	%100
47	MP3A	X	0	0	0	%100
48	MP3A	Z	.574	.574	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	.574	.574	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	.574	.574	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	.252	.252	0	%100
55	MP4C	X	0	0	0	%100
56	MP4C	Z	.574	.574	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	.574	.574	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	.574	.574	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	.574	.574	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	.252	.252	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	.574	.574	0	%100
67	MP3B	X	0	0	0	%100
68	MP3B	Z	.574	.574	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	.574	.574	0	%100
71	MP1B	X	0	0	0	%100
72	MP1B	Z	.574	.574	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	.526	.526	0	%100
75	M83D	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M83D	Z	.659	.659	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	.604	.604	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	.604	.604	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	2.415	2.415	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	.526	.526	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	.659	.659	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	.604	.604	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	2.415	2.415	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	.604	.604	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	.574	.574	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	.143	.143	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	.143	.143	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	.188	.188	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	.188	.188	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	.75	.75	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.377	-.377	0	%100
2	M1	Z	.654	.654	0	%100
3	M2	X	-.088	-.088	0	%100
4	M2	Z	.152	.152	0	%100
5	M3	X	-.11	-.11	0	%100
6	M3	Z	.19	.19	0	%100
7	M4	X	-.906	-.906	0	%100
8	M4	Z	1.569	1.569	0	%100
9	M5	X	-.045	-.045	0	%100
10	M5	Z	.078	.078	0	%100
11	M7	X	-.906	-.906	0	%100
12	M7	Z	1.569	1.569	0	%100
13	M8	X	0	0	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	-.125	-.125	0	%100
16	M30	Z	.216	.216	0	%100
17	M31	X	-.125	-.125	0	%100
18	M31	Z	.216	.216	0	%100
19	M33A	X	-.364	-.364	0	%100
20	M33A	Z	.63	.63	0	%100
21	MP4A	X	-.287	-.287	0	%100
22	MP4A	Z	.497	.497	0	%100
23	OVP	X	-.261	-.261	0	%100
24	OVP	Z	.453	.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M52	X	-.125	-.125	0	%100
26	M52	Z	.216	.216	0	%100
27	M53	X	-.125	-.125	0	%100
28	M53	Z	.216	.216	0	%100
29	M55	X	-.364	-.364	0	%100
30	M55	Z	.63	.63	0	%100
31	M73A	X	-.498	-.498	0	%100
32	M73A	Z	.863	.863	0	%100
33	M74A	X	-.498	-.498	0	%100
34	M74A	Z	.863	.863	0	%100
35	M76A	X	0	0	0	%100
36	M76A	Z	0	0	0	%100
37	M79A	X	0	0	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	-.045	-.045	0	%100
40	M80A	Z	.078	.078	0	%100
41	M81A	X	-.744	-.744	0	%100
42	M81A	Z	1.289	1.289	0	%100
43	M83B	X	0	0	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	-.744	-.744	0	%100
46	M84A	Z	1.289	1.289	0	%100
47	MP3A	X	-.287	-.287	0	%100
48	MP3A	Z	.497	.497	0	%100
49	MP2A	X	-.287	-.287	0	%100
50	MP2A	Z	.497	.497	0	%100
51	MP1A	X	-.287	-.287	0	%100
52	MP1A	Z	.497	.497	0	%100
53	M82B	X	-.377	-.377	0	%100
54	M82B	Z	.654	.654	0	%100
55	MP4C	X	-.287	-.287	0	%100
56	MP4C	Z	.497	.497	0	%100
57	MP3C	X	-.287	-.287	0	%100
58	MP3C	Z	.497	.497	0	%100
59	MP2C	X	-.287	-.287	0	%100
60	MP2C	Z	.497	.497	0	%100
61	MP1C	X	-.287	-.287	0	%100
62	MP1C	Z	.497	.497	0	%100
63	M95	X	0	0	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	-.287	-.287	0	%100
66	MP4B	Z	.497	.497	0	%100
67	MP3B	X	-.287	-.287	0	%100
68	MP3B	Z	.497	.497	0	%100
69	MP2B	X	-.287	-.287	0	%100
70	MP2B	Z	.497	.497	0	%100
71	MP1B	X	-.287	-.287	0	%100
72	MP1B	Z	.497	.497	0	%100
73	M82C	X	-.088	-.088	0	%100
74	M82C	Z	.152	.152	0	%100
75	M83D	X	-.11	-.11	0	%100
76	M83D	Z	.19	.19	0	%100
77	M84C	X	-.906	-.906	0	%100
78	M84C	Z	1.569	1.569	0	%100
79	M86A	X	0	0	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	-.906	-.906	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	M87A	Z	1.569	1.569	0	%100
83	M91A	X	-.351	-.351	0	%100
84	M91A	Z	.607	.607	0	%100
85	M92	X	-.439	-.439	0	%100
86	M92	Z	.761	.761	0	%100
87	M93A	X	0	0	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	-.906	-.906	0	%100
90	M95A	Z	1.569	1.569	0	%100
91	M96A	X	-.906	-.906	0	%100
92	M96A	Z	1.569	1.569	0	%100
93	M100	X	-.215	-.215	0	%100
94	M100	Z	.373	.373	0	%100
95	M105	X	-.215	-.215	0	%100
96	M105	Z	.373	.373	0	%100
97	M110	X	0	0	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	-.281	-.281	0	%100
100	M121	Z	.487	.487	0	%100
101	M122	X	0	0	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	-.281	-.281	0	%100
104	M123	Z	.487	.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.218	-.218	0	%100
2	M1	Z	.126	.126	0	%100
3	M2	X	-.455	-.455	0	%100
4	M2	Z	.263	.263	0	%100
5	M3	X	-.571	-.571	0	%100
6	M3	Z	.33	.33	0	%100
7	M4	X	-.523	-.523	0	%100
8	M4	Z	.302	.302	0	%100
9	M5	X	-.026	-.026	0	%100
10	M5	Z	.015	.015	0	%100
11	M7	X	-2.092	-2.092	0	%100
12	M7	Z	1.208	1.208	0	%100
13	M8	X	-.523	-.523	0	%100
14	M8	Z	.302	.302	0	%100
15	M30	X	-.647	-.647	0	%100
16	M30	Z	.374	.374	0	%100
17	M31	X	-.647	-.647	0	%100
18	M31	Z	.374	.374	0	%100
19	M33A	X	-.21	-.21	0	%100
20	M33A	Z	.121	.121	0	%100
21	MP4A	X	-.497	-.497	0	%100
22	MP4A	Z	.287	.287	0	%100
23	OVP	X	-.453	-.453	0	%100
24	OVP	Z	.261	.261	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	0	0	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	-.84	-.84	0	%100
30	M55	Z	.485	.485	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M73A	X	-.647	-.647	0	%100
32	M73A	Z	.374	.374	0	%100
33	M74A	X	-.647	-.647	0	%100
34	M74A	Z	.374	.374	0	%100
35	M76A	X	-.21	-.21	0	%100
36	M76A	Z	.121	.121	0	%100
37	M79A	X	-.43	-.43	0	%100
38	M79A	Z	.248	.248	0	%100
39	M80A	X	-.105	-.105	0	%100
40	M80A	Z	.06	.06	0	%100
41	M81A	X	-.43	-.43	0	%100
42	M81A	Z	.248	.248	0	%100
43	M83B	X	-.026	-.026	0	%100
44	M83B	Z	.015	.015	0	%100
45	M84A	X	-1.718	-1.718	0	%100
46	M84A	Z	.992	.992	0	%100
47	MP3A	X	-.497	-.497	0	%100
48	MP3A	Z	.287	.287	0	%100
49	MP2A	X	-.497	-.497	0	%100
50	MP2A	Z	.287	.287	0	%100
51	MP1A	X	-.497	-.497	0	%100
52	MP1A	Z	.287	.287	0	%100
53	M82B	X	-.872	-.872	0	%100
54	M82B	Z	.503	.503	0	%100
55	MP4C	X	-.497	-.497	0	%100
56	MP4C	Z	.287	.287	0	%100
57	MP3C	X	-.497	-.497	0	%100
58	MP3C	Z	.287	.287	0	%100
59	MP2C	X	-.497	-.497	0	%100
60	MP2C	Z	.287	.287	0	%100
61	MP1C	X	-.497	-.497	0	%100
62	MP1C	Z	.287	.287	0	%100
63	M95	X	-.218	-.218	0	%100
64	M95	Z	.126	.126	0	%100
65	MP4B	X	-.497	-.497	0	%100
66	MP4B	Z	.287	.287	0	%100
67	MP3B	X	-.497	-.497	0	%100
68	MP3B	Z	.287	.287	0	%100
69	MP2B	X	-.497	-.497	0	%100
70	MP2B	Z	.287	.287	0	%100
71	MP1B	X	-.497	-.497	0	%100
72	MP1B	Z	.287	.287	0	%100
73	M82C	X	0	0	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	0	0	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	-2.092	-2.092	0	%100
78	M84C	Z	1.208	1.208	0	%100
79	M86A	X	-.523	-.523	0	%100
80	M86A	Z	.302	.302	0	%100
81	M87A	X	-.523	-.523	0	%100
82	M87A	Z	.302	.302	0	%100
83	M91A	X	-.455	-.455	0	%100
84	M91A	Z	.263	.263	0	%100
85	M92	X	-.571	-.571	0	%100
86	M92	Z	.33	.33	0	%100
87	M93A	X	-.523	-.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	M93A	Z	.302	.302	0	%100
89	M95A	X	-.523	-.523	0	%100
90	M95A	Z	.302	.302	0	%100
91	M96A	X	-2.092	-2.092	0	%100
92	M96A	Z	1.208	1.208	0	%100
93	M100	X	-.124	-.124	0	%100
94	M100	Z	.072	.072	0	%100
95	M105	X	-.497	-.497	0	%100
96	M105	Z	.287	.287	0	%100
97	M110	X	-.124	-.124	0	%100
98	M110	Z	.072	.072	0	%100
99	M121	X	-.65	-.65	0	%100
100	M121	Z	.375	.375	0	%100
101	M122	X	-.162	-.162	0	%100
102	M122	Z	.094	.094	0	%100
103	M123	X	-.162	-.162	0	%100
104	M123	Z	.094	.094	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.701	-.701	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.879	-.879	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M7	X	-1.811	-1.811	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	-1.811	-1.811	0	%100
14	M8	Z	0	0	0	%100
15	M30	X	-.996	-.996	0	%100
16	M30	Z	0	0	0	%100
17	M31	X	-.996	-.996	0	%100
18	M31	Z	0	0	0	%100
19	M33A	X	0	0	0	%100
20	M33A	Z	0	0	0	%100
21	MP4A	X	-.574	-.574	0	%100
22	MP4A	Z	0	0	0	%100
23	OVP	X	-.523	-.523	0	%100
24	OVP	Z	0	0	0	%100
25	M52	X	-.249	-.249	0	%100
26	M52	Z	0	0	0	%100
27	M53	X	-.249	-.249	0	%100
28	M53	Z	0	0	0	%100
29	M55	X	-.728	-.728	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	-.249	-.249	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	-.249	-.249	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	-.728	-.728	0	%100
36	M76A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M79A	X	-1.488	-1.488	0	%100
38	M79A	Z	0	0	0	%100
39	M80A	X	-.091	-.091	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	0	0	0	%100
42	M81A	Z	0	0	0	%100
43	M83B	X	-.091	-.091	0	%100
44	M83B	Z	0	0	0	%100
45	M84A	X	-1.488	-1.488	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	-.574	-.574	0	%100
48	MP3A	Z	0	0	0	%100
49	MP2A	X	-.574	-.574	0	%100
50	MP2A	Z	0	0	0	%100
51	MP1A	X	-.574	-.574	0	%100
52	MP1A	Z	0	0	0	%100
53	M82B	X	-.755	-.755	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	-.574	-.574	0	%100
56	MP4C	Z	0	0	0	%100
57	MP3C	X	-.574	-.574	0	%100
58	MP3C	Z	0	0	0	%100
59	MP2C	X	-.574	-.574	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	-.574	-.574	0	%100
62	MP1C	Z	0	0	0	%100
63	M95	X	-.755	-.755	0	%100
64	M95	Z	0	0	0	%100
65	MP4B	X	-.574	-.574	0	%100
66	MP4B	Z	0	0	0	%100
67	MP3B	X	-.574	-.574	0	%100
68	MP3B	Z	0	0	0	%100
69	MP2B	X	-.574	-.574	0	%100
70	MP2B	Z	0	0	0	%100
71	MP1B	X	-.574	-.574	0	%100
72	MP1B	Z	0	0	0	%100
73	M82C	X	-.175	-.175	0	%100
74	M82C	Z	0	0	0	%100
75	M83D	X	-.22	-.22	0	%100
76	M83D	Z	0	0	0	%100
77	M84C	X	-1.811	-1.811	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	-1.811	-1.811	0	%100
80	M86A	Z	0	0	0	%100
81	M87A	X	0	0	0	%100
82	M87A	Z	0	0	0	%100
83	M91A	X	-.175	-.175	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	-.22	-.22	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	-1.811	-1.811	0	%100
88	M93A	Z	0	0	0	%100
89	M95A	X	0	0	0	%100
90	M95A	Z	0	0	0	%100
91	M96A	X	-1.811	-1.811	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M100	Z	0	0	0	%100
95	M105	X	-.43	-.43	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	-.43	-.43	0	%100
98	M110	Z	0	0	0	%100
99	M121	X	-.563	-.563	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	-.563	-.563	0	%100
102	M122	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.218	-.218	0	%100
2	M1	Z	-.126	-.126	0	%100
3	M2	X	-.455	-.455	0	%100
4	M2	Z	-.263	-.263	0	%100
5	M3	X	-.571	-.571	0	%100
6	M3	Z	-.33	-.33	0	%100
7	M4	X	-.523	-.523	0	%100
8	M4	Z	-.302	-.302	0	%100
9	M5	X	-.026	-.026	0	%100
10	M5	Z	-.015	-.015	0	%100
11	M7	X	-.523	-.523	0	%100
12	M7	Z	-.302	-.302	0	%100
13	M8	X	-2.092	-2.092	0	%100
14	M8	Z	-1.208	-1.208	0	%100
15	M30	X	-.647	-.647	0	%100
16	M30	Z	-.374	-.374	0	%100
17	M31	X	-.647	-.647	0	%100
18	M31	Z	-.374	-.374	0	%100
19	M33A	X	-.21	-.21	0	%100
20	M33A	Z	-.121	-.121	0	%100
21	MP4A	X	-.497	-.497	0	%100
22	MP4A	Z	-.287	-.287	0	%100
23	OVP	X	-.453	-.453	0	%100
24	OVP	Z	-.261	-.261	0	%100
25	M52	X	-.647	-.647	0	%100
26	M52	Z	-.374	-.374	0	%100
27	M53	X	-.647	-.647	0	%100
28	M53	Z	-.374	-.374	0	%100
29	M55	X	-.21	-.21	0	%100
30	M55	Z	-.121	-.121	0	%100
31	M73A	X	0	0	0	%100
32	M73A	Z	0	0	0	%100
33	M74A	X	0	0	0	%100
34	M74A	Z	0	0	0	%100
35	M76A	X	-.84	-.84	0	%100
36	M76A	Z	-.485	-.485	0	%100
37	M79A	X	-1.718	-1.718	0	%100
38	M79A	Z	-.992	-.992	0	%100
39	M80A	X	-.026	-.026	0	%100
40	M80A	Z	-.015	-.015	0	%100
41	M81A	X	-.43	-.43	0	%100
42	M81A	Z	-.248	-.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M83B	X	-.105	-.105	0	%100
44	M83B	Z	-.06	-.06	0	%100
45	M84A	X	-.43	-.43	0	%100
46	M84A	Z	-.248	-.248	0	%100
47	MP3A	X	-.497	-.497	0	%100
48	MP3A	Z	-.287	-.287	0	%100
49	MP2A	X	-.497	-.497	0	%100
50	MP2A	Z	-.287	-.287	0	%100
51	MP1A	X	-.497	-.497	0	%100
52	MP1A	Z	-.287	-.287	0	%100
53	M82B	X	-.218	-.218	0	%100
54	M82B	Z	-.126	-.126	0	%100
55	MP4C	X	-.497	-.497	0	%100
56	MP4C	Z	-.287	-.287	0	%100
57	MP3C	X	-.497	-.497	0	%100
58	MP3C	Z	-.287	-.287	0	%100
59	MP2C	X	-.497	-.497	0	%100
60	MP2C	Z	-.287	-.287	0	%100
61	MP1C	X	-.497	-.497	0	%100
62	MP1C	Z	-.287	-.287	0	%100
63	M95	X	-.872	-.872	0	%100
64	M95	Z	-.503	-.503	0	%100
65	MP4B	X	-.497	-.497	0	%100
66	MP4B	Z	-.287	-.287	0	%100
67	MP3B	X	-.497	-.497	0	%100
68	MP3B	Z	-.287	-.287	0	%100
69	MP2B	X	-.497	-.497	0	%100
70	MP2B	Z	-.287	-.287	0	%100
71	MP1B	X	-.497	-.497	0	%100
72	MP1B	Z	-.287	-.287	0	%100
73	M82C	X	-.455	-.455	0	%100
74	M82C	Z	-.263	-.263	0	%100
75	M83D	X	-.571	-.571	0	%100
76	M83D	Z	-.33	-.33	0	%100
77	M84C	X	-.523	-.523	0	%100
78	M84C	Z	-.302	-.302	0	%100
79	M86A	X	-2.092	-2.092	0	%100
80	M86A	Z	-1.208	-1.208	0	%100
81	M87A	X	-.523	-.523	0	%100
82	M87A	Z	-.302	-.302	0	%100
83	M91A	X	0	0	0	%100
84	M91A	Z	0	0	0	%100
85	M92	X	0	0	0	%100
86	M92	Z	0	0	0	%100
87	M93A	X	-2.092	-2.092	0	%100
88	M93A	Z	-1.208	-1.208	0	%100
89	M95A	X	-.523	-.523	0	%100
90	M95A	Z	-.302	-.302	0	%100
91	M96A	X	-.523	-.523	0	%100
92	M96A	Z	-.302	-.302	0	%100
93	M100	X	-.124	-.124	0	%100
94	M100	Z	-.072	-.072	0	%100
95	M105	X	-.124	-.124	0	%100
96	M105	Z	-.072	-.072	0	%100
97	M110	X	-.497	-.497	0	%100
98	M110	Z	-.287	-.287	0	%100
99	M121	X	-.162	-.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	M121	Z	-.094	-.094	0	%100
101	M122	X	-.65	-.65	0	%100
102	M122	Z	-.375	-.375	0	%100
103	M123	X	-.162	-.162	0	%100
104	M123	Z	-.094	-.094	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.377	-.377	0	%100
2	M1	Z	-.654	-.654	0	%100
3	M2	X	-.088	-.088	0	%100
4	M2	Z	-.152	-.152	0	%100
5	M3	X	-.11	-.11	0	%100
6	M3	Z	-.19	-.19	0	%100
7	M4	X	-.906	-.906	0	%100
8	M4	Z	-1.569	-1.569	0	%100
9	M5	X	-.045	-.045	0	%100
10	M5	Z	-.078	-.078	0	%100
11	M7	X	0	0	0	%100
12	M7	Z	0	0	0	%100
13	M8	X	-.906	-.906	0	%100
14	M8	Z	-1.569	-1.569	0	%100
15	M30	X	-.125	-.125	0	%100
16	M30	Z	-.216	-.216	0	%100
17	M31	X	-.125	-.125	0	%100
18	M31	Z	-.216	-.216	0	%100
19	M33A	X	-.364	-.364	0	%100
20	M33A	Z	-.63	-.63	0	%100
21	MP4A	X	-.287	-.287	0	%100
22	MP4A	Z	-.497	-.497	0	%100
23	OVP	X	-.261	-.261	0	%100
24	OVP	Z	-.453	-.453	0	%100
25	M52	X	-.498	-.498	0	%100
26	M52	Z	-.863	-.863	0	%100
27	M53	X	-.498	-.498	0	%100
28	M53	Z	-.863	-.863	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	0	0	0	%100
31	M73A	X	-.125	-.125	0	%100
32	M73A	Z	-.216	-.216	0	%100
33	M74A	X	-.125	-.125	0	%100
34	M74A	Z	-.216	-.216	0	%100
35	M76A	X	-.364	-.364	0	%100
36	M76A	Z	-.63	-.63	0	%100
37	M79A	X	-.744	-.744	0	%100
38	M79A	Z	-1.289	-1.289	0	%100
39	M80A	X	0	0	0	%100
40	M80A	Z	0	0	0	%100
41	M81A	X	-.744	-.744	0	%100
42	M81A	Z	-1.289	-1.289	0	%100
43	M83B	X	-.045	-.045	0	%100
44	M83B	Z	-.078	-.078	0	%100
45	M84A	X	0	0	0	%100
46	M84A	Z	0	0	0	%100
47	MP3A	X	-.287	-.287	0	%100
48	MP3A	Z	-.497	-.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	MP2A	X	-.287	-.287	0	%100
50	MP2A	Z	-.497	-.497	0	%100
51	MP1A	X	-.287	-.287	0	%100
52	MP1A	Z	-.497	-.497	0	%100
53	M82B	X	0	0	0	%100
54	M82B	Z	0	0	0	%100
55	MP4C	X	-.287	-.287	0	%100
56	MP4C	Z	-.497	-.497	0	%100
57	MP3C	X	-.287	-.287	0	%100
58	MP3C	Z	-.497	-.497	0	%100
59	MP2C	X	-.287	-.287	0	%100
60	MP2C	Z	-.497	-.497	0	%100
61	MP1C	X	-.287	-.287	0	%100
62	MP1C	Z	-.497	-.497	0	%100
63	M95	X	-.377	-.377	0	%100
64	M95	Z	-.654	-.654	0	%100
65	MP4B	X	-.287	-.287	0	%100
66	MP4B	Z	-.497	-.497	0	%100
67	MP3B	X	-.287	-.287	0	%100
68	MP3B	Z	-.497	-.497	0	%100
69	MP2B	X	-.287	-.287	0	%100
70	MP2B	Z	-.497	-.497	0	%100
71	MP1B	X	-.287	-.287	0	%100
72	MP1B	Z	-.497	-.497	0	%100
73	M82C	X	-.351	-.351	0	%100
74	M82C	Z	-.607	-.607	0	%100
75	M83D	X	-.439	-.439	0	%100
76	M83D	Z	-.761	-.761	0	%100
77	M84C	X	0	0	0	%100
78	M84C	Z	0	0	0	%100
79	M86A	X	-.906	-.906	0	%100
80	M86A	Z	-1.569	-1.569	0	%100
81	M87A	X	-.906	-.906	0	%100
82	M87A	Z	-1.569	-1.569	0	%100
83	M91A	X	-.088	-.088	0	%100
84	M91A	Z	-.152	-.152	0	%100
85	M92	X	-.11	-.11	0	%100
86	M92	Z	-.19	-.19	0	%100
87	M93A	X	-.906	-.906	0	%100
88	M93A	Z	-1.569	-1.569	0	%100
89	M95A	X	-.906	-.906	0	%100
90	M95A	Z	-1.569	-1.569	0	%100
91	M96A	X	0	0	0	%100
92	M96A	Z	0	0	0	%100
93	M100	X	-.215	-.215	0	%100
94	M100	Z	-.373	-.373	0	%100
95	M105	X	0	0	0	%100
96	M105	Z	0	0	0	%100
97	M110	X	-.215	-.215	0	%100
98	M110	Z	-.373	-.373	0	%100
99	M121	X	0	0	0	%100
100	M121	Z	0	0	0	%100
101	M122	X	-.281	-.281	0	%100
102	M122	Z	-.487	-.487	0	%100
103	M123	X	-.281	-.281	0	%100
104	M123	Z	-.487	-.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	Y	-9.686	-7.594	0	.725
2	M53	Y	-7.594	-7.303	.725	1.45
3	M53	Y	-7.303	-6.031	1.45	2.175
4	M53	Y	-6.031	-3.436	2.175	2.9
5	M53	Y	-3.436	-2.299	2.9	3.625
6	M81A	Y	-9.554	-7.203	6.036	6.841
7	M81A	Y	-7.203	-6.683	6.841	7.646
8	M81A	Y	-6.683	-5.471	7.646	8.45
9	M81A	Y	-5.471	-3.068	8.45	9.255
10	M81A	Y	-3.068	-1.997	9.255	10.06
11	M52	Y	-9.686	-7.594	0	.725
12	M52	Y	-7.594	-7.303	.725	1.45
13	M52	Y	-7.303	-6.031	1.45	2.175
14	M52	Y	-6.031	-3.436	2.175	2.9
15	M52	Y	-3.436	-2.299	2.9	3.625
16	M79A	Y	-1.997	-3.068	0	.805
17	M79A	Y	-3.068	-5.471	.805	1.61
18	M79A	Y	-5.471	-6.683	1.61	2.414
19	M79A	Y	-6.683	-7.203	2.414	3.219
20	M79A	Y	-7.203	-9.554	3.219	4.024
21	M31	Y	-9.686	-7.594	0	.725
22	M31	Y	-7.594	-7.303	.725	1.45
23	M31	Y	-7.303	-6.031	1.45	2.175
24	M31	Y	-6.031	-3.436	2.175	2.9
25	M31	Y	-3.436	-2.299	2.9	3.625
26	M79A	Y	-9.554	-7.203	6.036	6.841
27	M79A	Y	-7.203	-6.683	6.841	7.646
28	M79A	Y	-6.683	-5.471	7.646	8.45
29	M79A	Y	-5.471	-3.068	8.45	9.255
30	M79A	Y	-3.068	-1.997	9.255	10.06
31	M30	Y	-9.686	-7.594	0	.725
32	M30	Y	-7.594	-7.303	.725	1.45
33	M30	Y	-7.303	-6.031	1.45	2.175
34	M30	Y	-6.031	-3.436	2.175	2.9
35	M30	Y	-3.436	-2.299	2.9	3.625
36	M84A	Y	-1.997	-3.068	0	.805
37	M84A	Y	-3.068	-5.471	.805	1.61
38	M84A	Y	-5.471	-6.683	1.61	2.414
39	M84A	Y	-6.683	-7.203	2.414	3.219
40	M84A	Y	-7.203	-9.554	3.219	4.024
41	M74A	Y	-9.686	-7.594	0	.725
42	M74A	Y	-7.594	-7.303	.725	1.45
43	M74A	Y	-7.303	-6.031	1.45	2.175
44	M74A	Y	-6.031	-3.436	2.175	2.9
45	M74A	Y	-3.436	-2.299	2.9	3.625
46	M84A	Y	-9.554	-7.203	6.036	6.841
47	M84A	Y	-7.203	-6.683	6.841	7.646
48	M84A	Y	-6.683	-5.471	7.646	8.45
49	M84A	Y	-5.471	-3.068	8.45	9.255
50	M84A	Y	-3.068	-1.997	9.255	10.06
51	M73A	Y	-9.686	-7.594	0	.725
52	M73A	Y	-7.594	-7.303	.725	1.45
53	M73A	Y	-7.303	-6.031	1.45	2.175
54	M73A	Y	-6.031	-3.436	2.175	2.9
55	M73A	Y	-3.436	-2.299	2.9	3.625
56	M81A	Y	-1.997	-3.068	0	.805
57	M81A	Y	-3.068	-5.471	.805	1.61

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M81A	Y	-5.471	-6.683	1.61	2.414
59	M81A	Y	-6.683	-7.203	2.414	3.219
60	M81A	Y	-7.203	-9.554	3.219	4.024

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	Y	-17.219	-13.501	0	.725
2	M53	Y	-13.501	-12.983	.725	1.45
3	M53	Y	-12.983	-10.722	1.45	2.175
4	M53	Y	-10.722	-6.108	2.175	2.9
5	M53	Y	-6.108	-4.087	2.9	3.625
6	M81A	Y	-16.985	-12.806	6.036	6.841
7	M81A	Y	-12.806	-11.88	6.841	7.646
8	M81A	Y	-11.88	-9.726	7.646	8.45
9	M81A	Y	-9.726	-5.455	8.45	9.255
10	M81A	Y	-5.455	-3.549	9.255	10.06
11	M52	Y	-17.219	-13.501	0	.725
12	M52	Y	-13.501	-12.983	.725	1.45
13	M52	Y	-12.983	-10.722	1.45	2.175
14	M52	Y	-10.722	-6.108	2.175	2.9
15	M52	Y	-6.108	-4.087	2.9	3.625
16	M79A	Y	-3.549	-5.455	0	.805
17	M79A	Y	-5.455	-9.726	.805	1.61
18	M79A	Y	-9.726	-11.88	1.61	2.414
19	M79A	Y	-11.88	-12.806	2.414	3.219
20	M79A	Y	-12.806	-16.985	3.219	4.024
21	M31	Y	-17.219	-13.501	0	.725
22	M31	Y	-13.501	-12.983	.725	1.45
23	M31	Y	-12.983	-10.722	1.45	2.175
24	M31	Y	-10.722	-6.108	2.175	2.9
25	M31	Y	-6.108	-4.087	2.9	3.625
26	M79A	Y	-16.985	-12.806	6.036	6.841
27	M79A	Y	-12.806	-11.88	6.841	7.646
28	M79A	Y	-11.88	-9.726	7.646	8.45
29	M79A	Y	-9.726	-5.455	8.45	9.255
30	M79A	Y	-5.455	-3.549	9.255	10.06
31	M30	Y	-17.219	-13.501	0	.725
32	M30	Y	-13.501	-12.983	.725	1.45
33	M30	Y	-12.983	-10.722	1.45	2.175
34	M30	Y	-10.722	-6.108	2.175	2.9
35	M30	Y	-6.108	-4.087	2.9	3.625
36	M84A	Y	-3.549	-5.455	0	.805
37	M84A	Y	-5.455	-9.726	.805	1.61
38	M84A	Y	-9.726	-11.88	1.61	2.414
39	M84A	Y	-11.88	-12.806	2.414	3.219
40	M84A	Y	-12.806	-16.985	3.219	4.024
41	M74A	Y	-17.219	-13.501	0	.725
42	M74A	Y	-13.501	-12.983	.725	1.45
43	M74A	Y	-12.983	-10.722	1.45	2.175
44	M74A	Y	-10.722	-6.108	2.175	2.9
45	M74A	Y	-6.108	-4.087	2.9	3.625
46	M84A	Y	-16.985	-12.806	6.036	6.841
47	M84A	Y	-12.806	-11.88	6.841	7.646
48	M84A	Y	-11.88	-9.726	7.646	8.45
49	M84A	Y	-9.726	-5.455	8.45	9.255
50	M84A	Y	-5.455	-3.549	9.255	10.06

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
51	M73A	Y	-17.219	-13.501	0	.725
52	M73A	Y	-13.501	-12.983	.725	1.45
53	M73A	Y	-12.983	-10.722	1.45	2.175
54	M73A	Y	-10.722	-6.108	2.175	2.9
55	M73A	Y	-6.108	-4.087	2.9	3.625
56	M81A	Y	-3.549	-5.455	0	.805
57	M81A	Y	-5.455	-9.726	.805	1.61
58	M81A	Y	-9.726	-11.88	1.61	2.414
59	M81A	Y	-11.88	-12.806	2.414	3.219
60	M81A	Y	-12.806	-16.985	3.219	4.024

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N138A	N104A	N93A	N90	Y	Two Way	-9
2	N136B	N105	N94A	N91	Y	Two Way	-9
3	N89	N135A	N47A	N50	Y	Two Way	-9
4	N90A	N144	N48A	N51	Y	Two Way	-9
5	N143	N137	N126A	N123A	Y	Two Way	-9
6	N138	N139A	N124A	N127	Y	Two Way	-9

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N138A	N104A	N93A	N90	Y	Two Way	-16
2	N136B	N105	N94A	N91	Y	Two Way	-16
3	N89	N135A	N47A	N50	Y	Two Way	-16
4	N90A	N144	N48A	N51	Y	Two Way	-16
5	N143	N137	N126A	N123A	Y	Two Way	-16
6	N138	N139A	N124A	N127	Y	Two Way	-16

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N8	max	771.331	10	3385.778	13	3095.88	1	10.825	13	1.613	4	.796	4
2		min	-768.218	4	676.269	7	-2455.726	7	1.298	7	-1.611	10	-.859	10
3	N131B	max	2528.625	9	3166.919	21	1132.424	3	-.689	2	1.56	12	-1.3	3
4		min	-1975.772	3	619.348	3	-1455.142	9	-5.49	20	-1.558	6	-9.179	21
5	N145	max	1969.239	11	3168.334	17	1146.786	11	-.653	12	1.569	8	9.329	17
6		min	-2525.038	5	619.606	11	-1464.229	5	-5.236	18	-1.567	2	1.327	11
7	Totals:	max	4535.666	10	9249.568	18	4570.469	1						
8		min	-4535.665	4	3625.789	12	-4570.472	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M76A	L5X3X4	.684	2.75	18	.095	2.406	z	13	34353.357	62856	1.939	6.487	1....	H2-1
2	M55	L5X3X4	.684	2.75	22	.095	2.406	z	17	34353.357	62856	1.939	6.487	1....	H2-1
3	M33A	L5X3X4	.683	2.75	14	.095	2.406	z	21	34353.357	62856	1.939	6.487	1....	H2-1
4	M3	HSS4.5X4.5X4	.523	3.979	13	.090	3.979	y	23	150971.3...	158976	20.907	20.907	1....	H1-1b
5	M92	HSS4.5X4.5X4	.517	3.979	17	.087	3.979	y	15	150971.3...	158976	20.907	20.907	1....	H1-1b
6	M83D	HSS4.5X4.5X4	.517	3.979	21	.086	3.979	y	19	150971.3...	158976	20.907	20.907	1....	H1-1b
7	M79A	L5X3X4	.452	4.087	24	.080	5.973	y	17	12784.479	62856	1.939	5.31	1....	H2-1
8	M81A	L5X3X4	.452	4.087	20	.080	5.973	y	13	12784.479	62856	1.939	5.31	1....	H2-1
9	M84A	L5X3X4	.451	4.087	16	.080	5.973	y	21	12784.479	62856	1.939	5.309	1....	H2-1
10	MP3A	PIPE_2.0	.369	5.396	11	.158	5.396		9	17855.085	32130	1.872	1.872	1....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
11	MP3C	PIPE_2.0	.369	5.396	7	.159	5.396		5	17855.085	32130	1.872	1.872	1....	H1-1b
12	MP3B	PIPE_2.0	.369	5.396	3	.158	5.396		1	17855.085	32130	1.872	1.872	1....	H1-1b
13	MP2A	PIPE_2.0	.358	4.25	3	.095	4.25		5	14916.096	32130	1.872	1.872	1....	H1-1b
14	MP2C	PIPE_2.0	.358	4.25	11	.095	4.25		1	14916.096	32130	1.872	1.872	2....	H1-1b
15	MP2B	PIPE_2.0	.358	4.25	7	.095	4.25		9	14916.096	32130	1.872	1.872	2....	H1-1b
16	MP4C	PIPE_2.0	.258	4.25	6	.075	4.25		8	14916.096	32130	1.872	1.872	2....	H1-1b
17	MP4A	PIPE_2.0	.258	4.25	10	.075	4.25		12	14916.096	32130	1.872	1.872	1....	H1-1b
18	MP4B	PIPE_2.0	.257	4.25	2	.075	4.25		4	14916.096	32130	1.872	1.872	1....	H1-1b
19	MP1A	PIPE_2.0	.255	4.25	3	.082	4.25		3	14916.096	32130	1.872	1.872	2....	H1-1b
20	MP1B	PIPE_2.0	.255	4.25	7	.082	4.25		7	14916.096	32130	1.872	1.872	2....	H1-1b
21	MP1C	PIPE_2.0	.255	4.25	11	.082	4.25		11	14916.096	32130	1.872	1.872	1....	H1-1b
22	M123	L2.5x2.5x6	.247	0	12	.026	0	y	11	48989.262	56052	1.512	3.537	1....	H2-1
23	M122	L2.5x2.5x6	.247	0	4	.026	0	y	3	48989.262	56052	1.512	3.537	1....	H2-1
24	M121	L2.5x2.5x6	.246	0	8	.026	0	y	7	48989.262	56052	1.512	3.537	1....	H2-1
25	M110	PIPE_2.0	.232	8.995	11	.089	11.175		12	5746.562	32130	1.872	1.872	2....	H1-1b
26	M105	PIPE_2.0	.232	8.995	3	.089	11.175		4	5746.562	32130	1.872	1.872	2....	H1-1b
27	M100	PIPE_2.0	.232	8.995	7	.089	11.175		8	5746.562	32130	1.872	1.872	2....	H1-1b
28	M80A	PL1/2x8	.200	.657	23	.258	.657	y	7	69127.459	129600	1.35	21.6	1....	H1-1b
29	M83B	PL1/2x8	.200	.657	19	.258	.657	y	3	69127.459	129600	1.35	21.6	1....	H1-1b
30	M5	PL1/2x8	.200	.657	15	.258	.657	y	11	69127.459	129600	1.35	21.6	1....	H1-1b
31	M93A	PL1/2x10	.171	.583	5	.562	.583	y	16	98723.112	162000	1.688	33.75	1....	H1-1b
32	M84C	PL1/2x10	.171	.583	9	.561	.583	y	20	98723.112	162000	1.688	33.75	1....	H1-1b
33	M4	PL1/2x10	.171	.583	1	.561	.583	y	24	98723.112	162000	1.688	33.75	1....	H1-1b
34	OVP	PIPE_2.0	.137	3	1	.018	3		1	26521.424	32130	1.872	1.872	1	H1-1b
35	M95A	PL1/2x10	.125	.417	8	.325	.417	y	7	152082.5...	162000	1.688	33.75	1....	H1-1b
36	M86A	PL1/2x10	.125	.417	12	.325	.417	y	11	152082.5...	162000	1.688	33.75	1....	H1-1b
37	M7	PL1/2x10	.125	.417	4	.323	.417	y	3	152082.5...	162000	1.688	33.75	1....	H1-1b
38	M1	HSS4X4X4	.124	8.859	2	.044	11.72	z	1	68157.102	139518	16.181	16.181	1....	H1-1b
39	M82B	HSS4X4X4	.124	8.859	10	.044	11.72	z	9	68157.102	139518	16.181	16.181	1....	H1-1b
40	M95	HSS4X4X4	.124	8.859	6	.044	11.72	z	5	68157.102	139518	16.181	16.181	1....	H1-1b
41	M96A	PL1/2x10	.121	.417	2	.344	.417	y	3	152082.5...	162000	1.688	33.75	1....	H1-1b
42	M87A	PL1/2x10	.121	.417	6	.344	.417	y	7	152082.5...	162000	1.688	33.75	1....	H1-1b
43	M8	PL1/2x10	.121	.417	10	.343	.417	y	11	152082.5...	162000	1.688	33.75	1....	H1-1b
44	M91A	HSS4X4X4	.095	1.458	16	.084	.653	z	2	138281.7...	139518	16.181	16.181	2....	H1-1b
45	M82C	HSS4X4X4	.095	1.458	20	.084	.653	z	6	138281.7...	139518	16.181	16.181	2....	H1-1b
46	M2	HSS4X4X4	.095	1.458	24	.083	.653	z	10	138281.7...	139518	16.181	16.181	2....	H1-1b
47	M73A	L3X3X4	.039	1.737	14	.024	0	y	17	34873.141	46656	1.688	3.548	1....	H2-1
48	M30	L3X3X4	.039	1.737	22	.024	0	y	13	34873.141	46656	1.688	3.548	1....	H2-1
49	M52	L3X3X4	.039	1.737	18	.024	0	y	21	34873.141	46656	1.688	3.548	1....	H2-1
50	M31	L3X3X4	.039	1.737	16	.021	0	z	13	34873.141	46656	1.688	3.548	1....	H2-1
51	M74A	L3X3X4	.039	1.737	20	.021	0	z	17	34873.141	46656	1.688	3.548	1....	H2-1
52	M53	L3X3X4	.039	1.737	24	.021	0	z	21	34873.141	46656	1.688	3.548	1....	H2-1

MASER CONSULTING — CONNECTICUT —

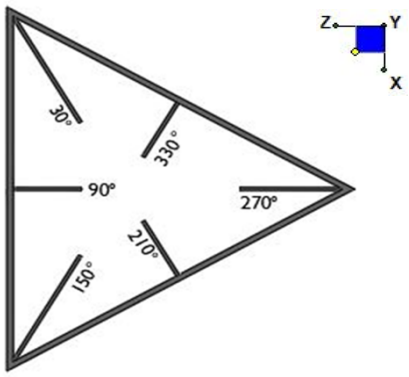
Client:	Verizon Wireless	Date:	9/3/2021
Site Name:	SUFFIELD 2 CT		
Project No.	21777134A		
Title:	Mount Analysis Report	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

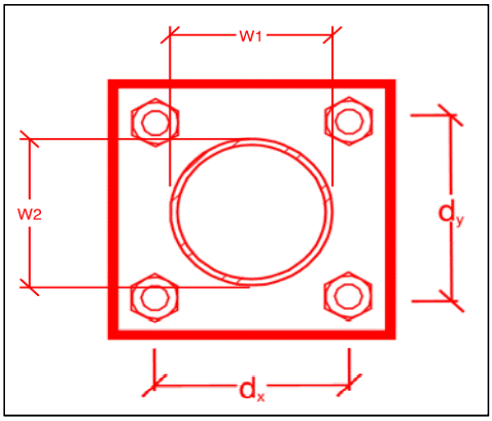
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N131B	30
N8	270
N145	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	8
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	34.1
Required Shear Strength (kips):	4.1
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**41.2%***
Shear Capacity Overall:	**8.2%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4.5
W2 (in):	4.5
Fy (ksi, plate):	36
t_{Plate} (in):	1
Weld Size (1/16 in):	4
Phi*Rn (kip/in):	5.57
Required Weld Strength (kip/in):	4.91
Plate Bending Capacity:	**36.9%**
Weld Capacity:	**88.1%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	29.9
$Phi*Mn_{xx}$ *(kip-in)* :	81.0
Mu_{yy} *(kip-in)* :	0.0
$Phi*Mn_{yy}$ *(kip-in)* :	81.0

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

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

- *Photos taken at Mount Elevation*
    - Photos showing each individual sector before and also after installation of equipment.
        - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
    - Photos showing the safety climb wire rope above and below the mount prior to modification.
    - Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall verify that the welded connection between the standoff horizontal and the mount collar assembly is, at minimum, 1/4" thick. Contractor shall provide photos of measurements for review by Maser Consulting.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 469116-VZW - SUFFIELD 2 CT

Sector: **A**

Structure Type: Monopole

Mount Elev: 88.00

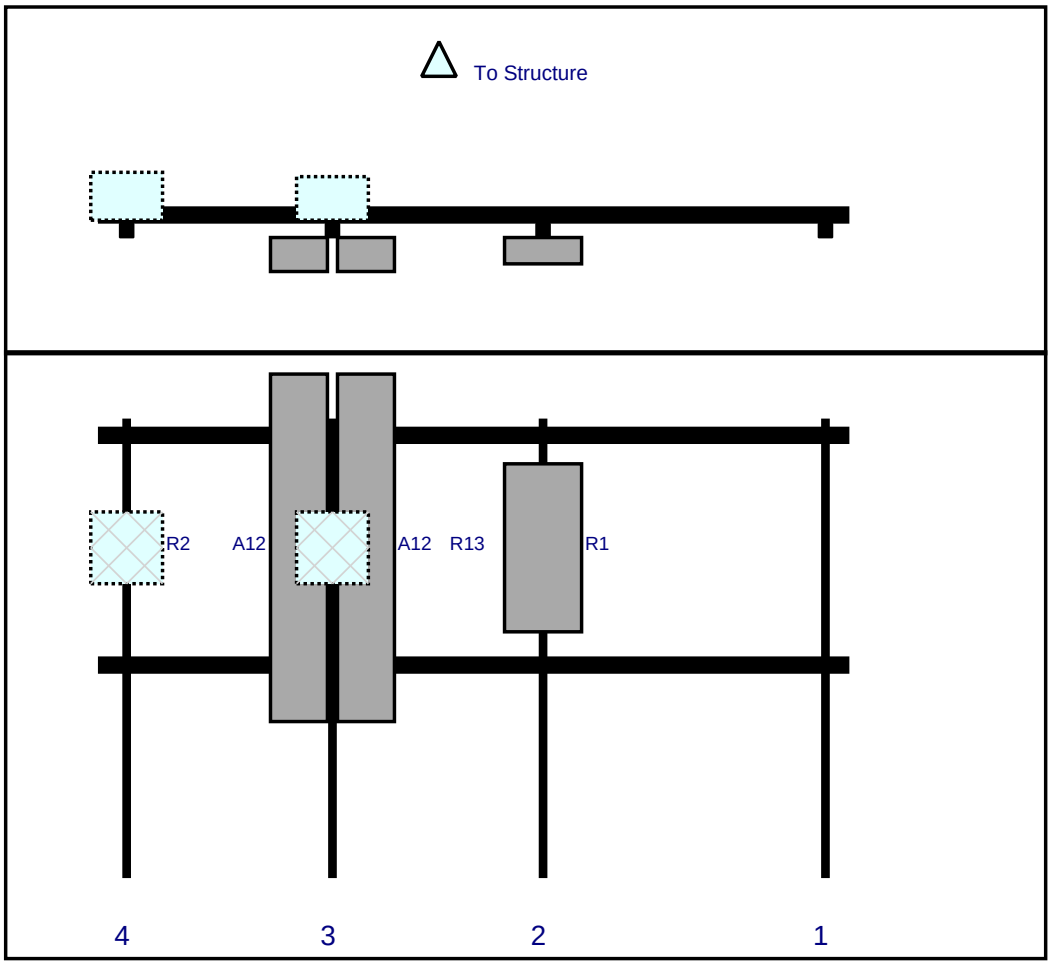
10039634

9/3/2021

MASER CONSULTING — CONNECTICUT —

Plan View

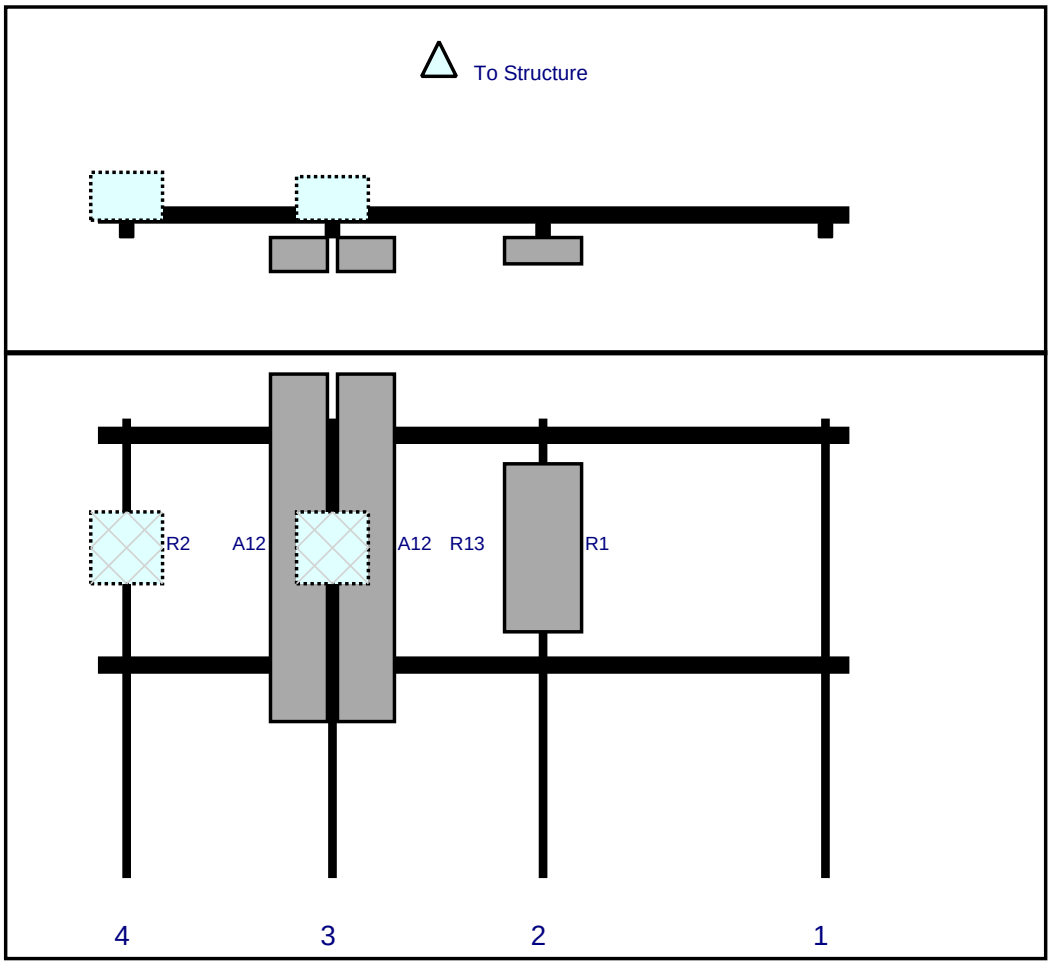
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	93	2	a	Front	27	0	Added	
A12	SBNHH-1D65B	72.6	11.9	49	3	a	Front	27	7	Retained	03/29/2021
A12	SBNHH-1D65B	72.6	11.9	49	3	b	Front	27	-7	Retained	03/29/2021
R13	RF4440d-13A	15	15	49	3	a	Behind	27	0	Added	
R2	RF4439d-25A	15	15	6	4	a	Behind	27	0	Added	

Plan View

Front View
Looking at Structure



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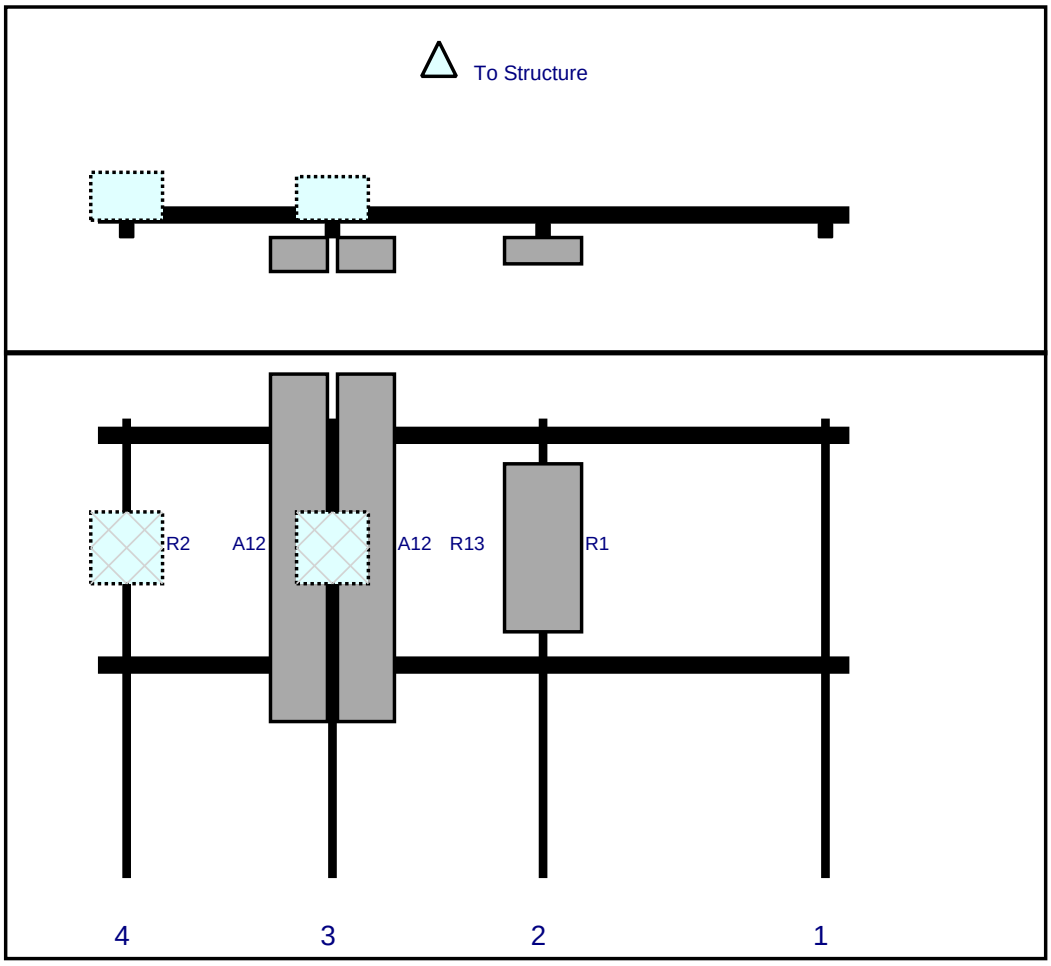
R13	RF4440d-13A	15	15	49	3	a	Behind	27	0	Added	
R2	RF4439d-25A	15	15	6	4	a	Behind	27	0	Added	

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	93	2	a	Front	27	0	Added	
A12	SBNHH-1D65B	72.6	11.9	49	3	a	Front	27	7	Retained	03/29/2021
A12	SBNHH-1D65B	72.6	11.9	49	3	b	Front	27	-7	Retained	03/29/2021
R13	RF4440d-13A	15	15	49	3	a	Behind	27	0	Added	
R2	RF4439d-25A	15	15	6	4	a	Behind	27	0	Added	

MASER CONSULTING
— CONNECTICUT —

Maser Consulting Connecticut

Subject	TIA-222-H Adoption and Wind Speed Usage	
Site Information	*Site ID:*	*469116-VZW / SUFFIELD 2 CT*
	Site Name:	*SUFFIELD 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*44 Fyler Place* *Suffield, Connecticut 06078* *Hartford County*
	Latitude:	*41.980374°*
	Longitude:	*-72.657313°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*13.08-Ft Platform*
	FUZE ID # 16272248	

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,

Dejian XU

Dejian XU, PE
Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***SUFFIELD 2 CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	698	2792	90	0.0124	0.5007	2.48%
VZW CDMA	869	2	405	810	90	0.0036	0.5793	0.62%
VZW Cellular	869	4	826	3304	90	0.0147	0.5793	2.53%
VZW PCS	1980	4	1511	6044	90	0.0268	1.0000	2.68%
VZW AWS	2125	4	1656	6624	90	0.0294	1.0000	2.94%
VZW CBAND	3730	4	6531	26124	90	0.1160	1.0000	11.60%
Total Percentage of Maximum Permissible Exposure								22.85%

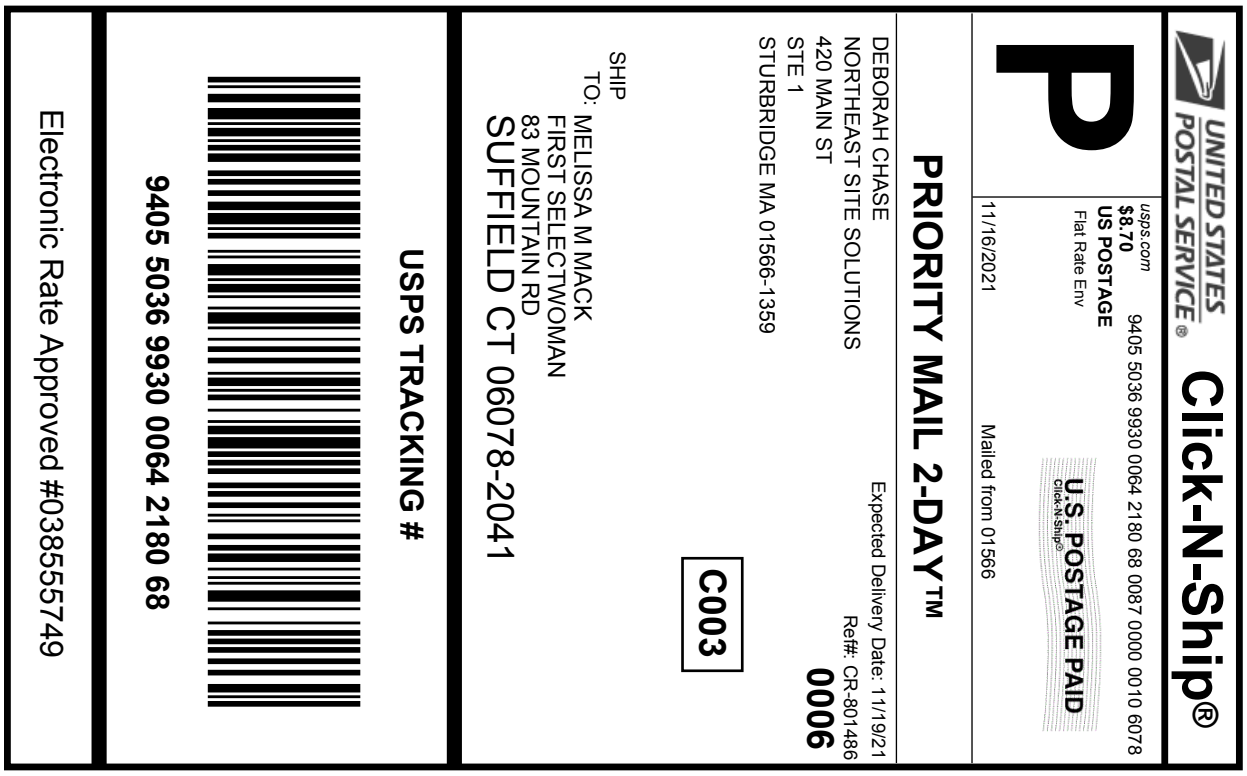
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit F

Recipient Mailings



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0064 2180 68

Trans. #:	548524769
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/19/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

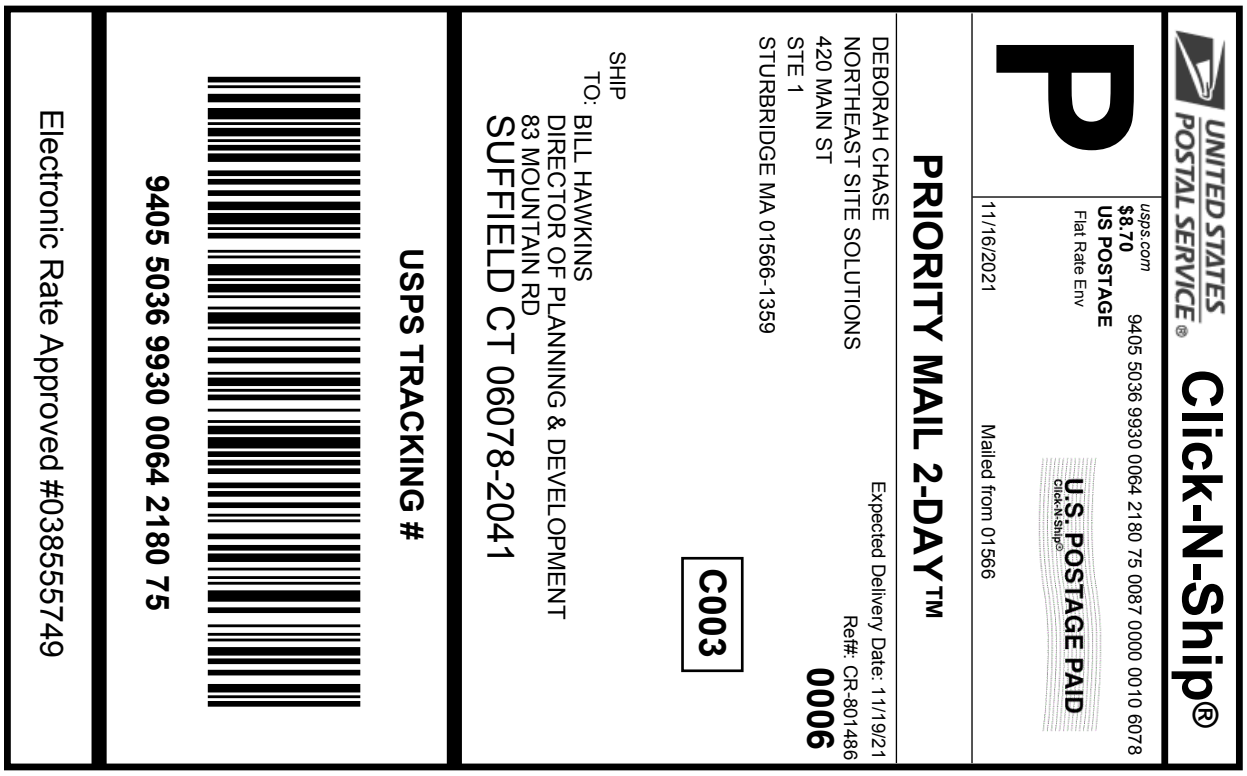
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801486

To: MELISSA M MACK
FIRST SELECTWOMAN
83 MOUNTAIN RD
SUFFIELD CT 06078-2041

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

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



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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0064 2180 75

Trans. #:	548524769
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/19/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801486

To: BILL HAWKINS
DIRECTOR OF PLANNING & DEVELOPMENT
83 MOUNTAIN RD
SUFFIELD CT 06078-2041

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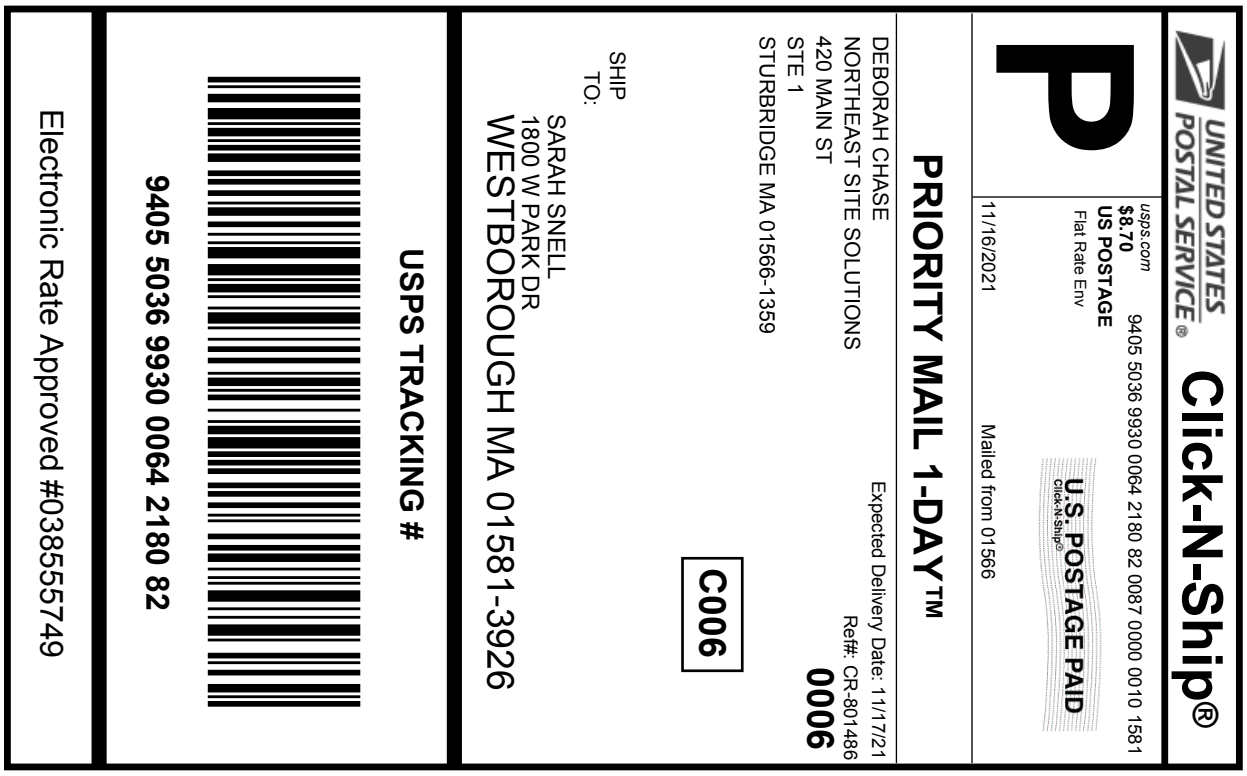

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0064 2180 82

Trans. #:	548524769
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/17/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-801486

To: SARAH SNELL
1800 W PARK DR
WESTBOROUGH MA 01581-3926

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

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

801486

UNITED STATES POSTAL SERVICE.

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

11/17/2021 02:58 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2180 82	1		$0.00
Prepaid Mail Suffield, CT 06078 Weight: 0 lb 6.70 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2180 75	1		$0.00
Prepaid Mail Suffield, CT 06078 Weight: 0 lb 6.70 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2180 68	1		$0.00
Grand Total:			$0.00

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USPS is experiencing unprecedented volume
increases and limited employee