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

January 7, 2020

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

RE: **Notice of Exempt Modification for AT&T - 876379**
1440 Main Street North, Woodbury, CT 06798
Latitude: 41° 35′ 23.81″ / Longitude: -73° 10′ 11.52″

Dear Ms. Bachman:

AT&T currently maintains nine (9) antennas at the 118-foot mount on the existing 160-foot Monopole Tower, located at 1440 Main Street North, Woodbury, CT. The tower is owned by Crown Castle and the property is owned by Tikva Wolff. AT&T now intends to replace six (6) existing antennas with six (6) new antennas. The new antennas will be installed at the 118-ft level of the tower. AT&T is also proposing mount modifications as shown on the enclosed Mount Analysis.

The facility was approved by the Town of Woodbury Zoning Commission on August 10, 1999. The approval was given with conditions which this exempt modification complies with.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Barbara Perkinson, First Selectman for the Town of Woodbury, Maryellen Edwards, Town Planner, Crown Castle as the tower owner, and Tikva Wolff, the property owner.

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

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

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

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

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

For the foregoing reasons, AT&T respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Anne Marie Zsamba.

Sincerely,

Anne Marie Zsamba
Network Real Estate Specialist
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
(201) 236-9224
AnneMarie.Zsamba@crowncastle.com

Attachments

cc:

Barbara Perkinson, First Selectman
281 Main Street South
Woodbury, CT 06798
203-263-2141

Maryellen Edwards, Town Planner
281 Main Street South
Woodbury, CT 06798
203-263-3467

Tikva Wolff
1514 Main Street North
Woodbury, CT 06798

Crown Castle, Tower Owner

ORIGIN ID:ONHA (585) 445-5896
RICHARD ZAJAC
CROWN CASTLE
4545 EAST RIVER ROAD
SUITE 320
WEST HENRIETTA, NY 14568
UNITED STATES US

SHIP DATE: 07JAN20
ACTWGT: 2.00 LB
CAD: 104924194/INET4160

BILL SENDER

TO **BARBARA PERKINSON, FIRST SELECTMAN**
TOWN OF WOODBURY
281 MAIN STREET SOUTH

WOODBURY CT 06798
(203) 263-2141
INV:
PO:
REF: 1734.7680
DEPT:

567J2/DF82/05A2

J192119091901uv

FedEx Express

WED - 08 JAN 3:00P
STANDARD OVERNIGHT

TRK# 0201 **7774 0927 0879**

XE HFDA

06798
BDL
CT-US

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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ORIGIN ID:ONHA (585) 445-5896
RICHARD ZAJAC
CROWN CASTLE
4545 EAST RIVER ROAD
SUITE 320
WEST HENRIETTA, NY 14568
UNITED STATES US

SHIP DATE: 07JAN20
ACTWGT: 2.00 LB
CAD: 104924194/INET4160

BILL SENDER

TO TIKVA WOLFF

1514 MAIN STREET NORTH

WOODBURY CT 06798

(201) 236-9224

INV:
PO:

REF: 1734.7680

DEPT:

567J2/DF82/05A2

J192119091901uv

FedEx Express

WED - 08 JAN 3:00P

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SUITE 320
WEST HENRIETTA, NY 14568
UNITED STATES US

SHIP DATE: 07JAN20
ACTWGT: 2.00 LB
CAD: 104924194/INET4160

BILL SENDER

TO **MELANIE BACHMAN**
CONNECTICUT SITING COUNCIL
10 FRANKLIN SQUARE
NEW BRITAIN CT 06051
(860) 827-2951
INV:
PO:
REF: 1765.6680
DEPT:

567J2/DF82/05A2

J192119091901uv

FedEx Express

WED - 08 JAN 3:00P
STANDARD OVERNIGHT

TRK# 0201 **7774 0930 1210**

XE BDLA

06051
BDL
CT-US

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Exhibit A

Original Facility Approval

Zoning Commission

P.O. Box 369
Town of Woodbury - Woodbury, Connecticut 06798-0369

First land deed from the Indians
April 12th 1659

Telephone: (203) 263-3467
Fax: (203) 263-5076

VOICES
Middle Quarter Mall
Main Street South
Woodbury, CT 06798

Kindly publish the following legal notice in VOICES on Sunday, August 22, 1999. The invoice should be sent to the Accounting Office, 281 Main Street S. Box #369, Woodbury, CT 06798 with a tear-sheet copy for the Town Planner's Office.

LEGAL NOTICE

At its regular meeting held on Tuesday, August 10, 1999, the Woodbury Zoning Commission took the following actions:

X APPROVED: With conditions, Application #969 submitted by Sprint Spectrum, LP, d/b/a Sprint PCS to construct a radio · tower/wireless telecommunications facility at 1440 Main St. N., Richard Wolff, property owner. (Map 12/Lot 54)

APPROVED: With conditions, Application #973 submitted by Watertown Fire District for an Earth Materials Permit for gravel excavation from Nonnewaug River, Hart Farm Wellfield on Rte. 61. (Map 14/Lots 10, 32, 32A –B, 33)

DENIED: To deny without prejudice Application #971 for lack of information submitted by Woodbury Fire Dept. for Earth Materials Permit for a fire pond at 274 Grassy Hill Rd., Richard Wolff, property owner. (Map 64/Lot 12).

APPROVED: With conditions, Application #976 submitted by Flanders Nature Center, Inc. for a Special Permit to hold a fall festival at the Van Vleck Farm Sanctuary on Flanders Rd and Church Hill Rd on October 3, 1999. (Map 96/Lots 21, 22, 23)

Dated this 20th day of August, 1999.

Sue Bartlett

Sue Bartlett, Admin. Asst.

A letter of 8/10/99 from Ken Faroni of O & G was submitted granting a 65-day extension.

(Tietz unseated, Alt. Leach seated)
#969/Sprint Spectrum/Wolff/1440 Main St. N/Wireless TeleComm. Facility
MOTION:
WHEREAS, the WOODBURY ZONING COMMISSION has received Application #969 submitted by Sprint Spectrum, L.P., d/b/a Sprint PCS for a Special Permit pursuant to Section 5.2.4 of the Woodbury Zoning Regulations to construct a radio tower/wireless telecommunications facility and associated radio equipment on property owned by Richard Wolff at 1440 Main Street North (Tax Assessor's Map 12/Lot 54); and

WHEREAS, members of the Commission inspected the site at a duly noticed special meeting on July 6, 1999; and

WHEREAS, a duly called public hearing was held June 22, 1999 and July 13, 1999 to consider the application and to receive public comments; and

WHEREAS, the Commission has carefully considered all the information and testimony received during the duly called public hearing; and

WHEREAS, the Commission has determined that the proposed radio tower/telecommunications facility and associated radio equipment are in conformance with Section 5.2.4 of the Woodbury Zoning Regulations after conditions 6 and 7 below, are met;

NOW THEREFORE BE IT RESOLVED that the WOODBURY ZONING COMMISSION approves Application #969 submitted by Sprint Spectrum, L.P., d/b/a Sprint PCS for a Special Permit pursuant to Section 5.2.4 of the Woodbury Zoning Regulations to construct a radio tower/telecommunications facility and associated radio equipment on property owned by Richard Wolff at 1440 Main Street North (Tax Assessor's Map 12/Lot 54) as depicted on the site plans and accompanying materials dated June 17, 1999, with the following conditions:

1. A final site development plan, annotated with all conditions herein, shall be filed with the Town Planner prior to commencement of construction;
2. An itemized estimate of costs for soil erosion and sedimentation control, screening, landscaping, and tower removal and site restoration must be provided to the Woodbury Town Planner (Town Planner) for determination of an appropriate bond and such bond shall be posted in a form and amount determined by the Town Planner, prior to commencement of construction;
3. The Town Planner shall be notified 48 hours prior to commencement of construction to permit inspection of soil erosion and sedimentation control devices;

4. The tower and enclosure area shall be designed to accommodate up to six providers of telecommunications services, with all ground equipment enclosed in a single building and the enclosure secured and screened in manner that is architecturally compatible with surrounding farm;
5. All electric and telephone service to the tower and building shall be installed below ground.
6. The galvanized steel tower shall not exceed 160 feet above grade in height, shall have no lights above the height of the building, screening, or fence, and shall not be painted. Any future extension of the tower to accommodate additional antennas or addition of any facilities other than shown on the approved site plan shall require an amendment to this Special Permit as provided in Section 10.6 of the Woodbury Zoning Regulations, however, an extension of the tower from 160 feet to 190 feet shall be deemed to be of a minor nature;
7. The tower shall be located no closer than 190 feet from any property line along Main Street North and Swamp Road.
8. Sprint shall use best efforts to make the tower available to other telecommunications carriers and promote co-location on this tower on a commercially reasonable basis;
9. In the event the wireless telecommunications facility ceases to be used by Sprint PCS or any bona fide tenant providers of telecommunication services for a period of a year, the tower and all associated equipment and structures shall be removed by Sprint PCS within 90 days.;
10. Construction shall not commence until all applicable appeal periods have terminated and this permit will expire if construction is not completed by August 10, 2001; and
11. An A2, as-built survey shall be filed with the Town Planner upon completion of construction.

Made by Kelly, seconded by Alt. Leach.
Vote 5-0 in favor.

(Tietz unseated, Alt. Leach seated)

#973/Watertown Fire District/Hart Farm Wellfield/Rte 61/EM Permit

MOTION:

WHEREAS, the WOODBURY ZONING COMMISSION has received Application #973 submitted by the Watertown Fire District for an Earth Materials Permit pursuant to Section 15.3 of the Woodbury Zoning Regulations to excavate up to 4500 cubic yards of gravel from the Nonnewaug River (Tax Assessor's Map 14/Lots 10, 32, 32A, 32B, 33); and

WHEREAS, the Woodbury Inland Wetlands Agency approved the regulated activity on August 9, 1999; and

WHEREAS, a duly called public hearing was held July 27, 1999 and August 10, 1999 to consider the application and to receive public comments; and

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 Woodbury

First Deed from the Indians 1659

Information on the Property Records for the Municipality of Woodbury was last updated on 10/12/2019.

Parcel Information

Location:	1440 MAIN ST NORTH	Property Use:	Vacant Land	Primary Use:	Utility Building
Unique ID:	390820	Map Block Lot:	012-054	Acres:	1.38
490 Acres:	0.00	Zone:	OS60	Volume / Page:	0384/1171
Developers Map / Lot:		Census:	3621		

Value Information

	Appraised Value	Assessed Value
Land	131,100	91,770
Buildings	0	0
Detached Outbuildings	384,068	268,850
Total	515,168	360,620

Owner's Information

Owner's Data
WOLFF TIKVA CROWN CASTLE/PMB 331 4017 WASHINGTON ROAD MCMURRAY, PA 15317

Detached Outbuildings

Type:	Year Built:	Length:	Width:	Area:
Building/Equipment Cell Towers	2000			300
Building/Equipment Cell Towers	2000	14	28	392
Building/Equipment Cell Towers	2000			420
Building/Equipment Cell Towers	2000			400
Fencing Cell Towers	2000			400
Mono Pole Cell Towers	2000			120

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Valid Sale	Sale Price
WOLFF TIKVA	0384	1171	09/29/2011	Certificate of Devise	No	$0
WOLFF RICHARD ESTATE OF	0343	0526	05/25/2006		No	$0

Building Permits

Permit Number	Permit Type	Date Opened	Date Closed	Permit Status	Reason
B230-12	Comm Renovations	11/28/2012	08/27/1900	Closed	INSTALL 3 NEW LTE ANTENNAS TO EXISTING MONOPOLE, INSTALL 1 NEW CABIT TO EXISTING SHELTER

Permit Number	Permit Type	Date Opened	Date Closed	Permit Status	Reason
B226-12	Comm Renovations	11/27/2012		Closed	REPLACE R EXISTING ANTENNAS W/3 NEW SPRINT ANTENNAS ON EXISTING TOWER ADDING 6 REMOTE RADIO HEADS TO
7108		11/18/1999		Closed	EQUIPMENT SHELTER(TAXES ON BLDG PD THRU STATE PILOT PROGRAM); C.O. ISSUED TO NEXTEL FOR CEL

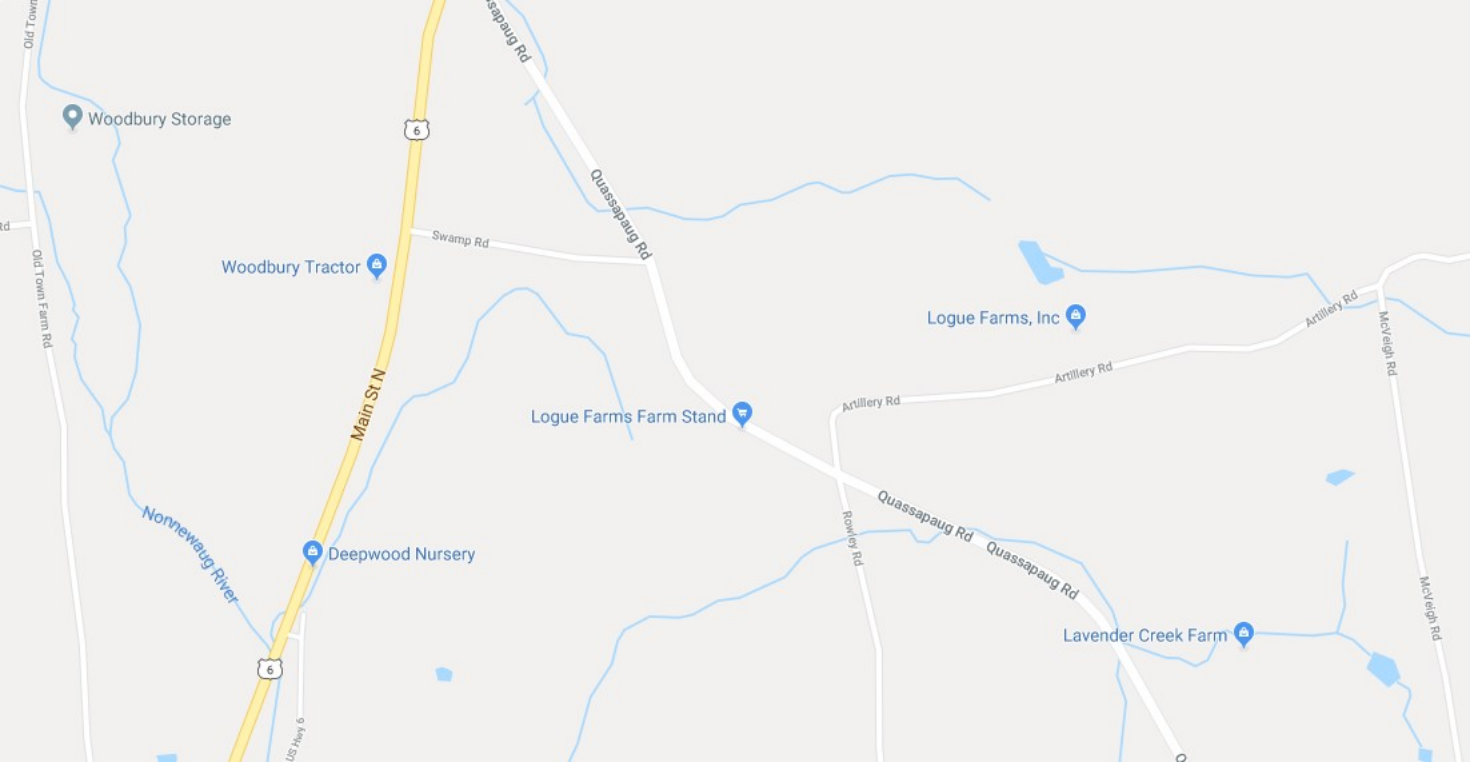

Woodbury Storage
Old Town Farm Rd
Main St N
Swamp Rd
Woodbury Tractor
Quassapaug Rd
Logue Farms, Inc
Artillery Rd
McVeigh Rd
Logue Farms Farm Stand
Artillery Rd
Quassapaug Rd
Rowley Rd
Quassapaug Rd
Nonnewaug River
Deepwood Nursery
Lavender Creek Farm
McVeigh Rd
6
6

Exhibit C

Construction Drawings

AT&T SITE NUMBER: CTL01221
AT&T SITE NAME: WOODBURY - NORTH MAIN
AT&T FA CODE: 10041788
AT&T PACE NUMBER: MRCTB,041438, MRCTB041461, MRCTB041559, MRCTB041483, MRCTB041731
SITE TYPE: MONOPOLE

BUSINESS UNIT #: 876379
SITE ADDRESS: 1440 NORTH MAIN ST WOODBURY, CT 06798
COUNTY: LITCHFIELD
TOWER HEIGHT: 163'-0"
PROJECT: AT&T LTE 2C, 3C, 4C, 5C

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	CROWN SITE NAME
SITE ADDRESS:	1440 NORTH MAIN ST WOODBURY, CT 06798
COUNTY:	LITCHFIELD
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.5899389
LONGITUDE:	73.1698661
LAT/LONG TYPE:	NAD83
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	AT&T MOBILITY ONE AT&T WAY BEDMINSTER, NJ 07921
CROWN CASTLE USA INC. APPLICATION ID:	492778

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 SOUTH BOULDER, SUITE 300 TULSA, OK 74119 MIKE OAKES (918) 217-8574
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3200 HORIZON SRIVE, SUITE 150 KING OF PRUSSIA, PA 19406

DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1	SITE PLAN
C-2	EQUIPMENT PLAN
C-3	TOWER ELEVATIONS
C-4	ANTENNA ORIENTATION
C-5	ANTENNA SCHEDULE
C-6	ANTENNA AND RRH SPECS.
C-7	ANTENNA AND RRH DETAIL
C-8	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS
	MOUNT MOD DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11x17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

PROJECT DESCRIPTION

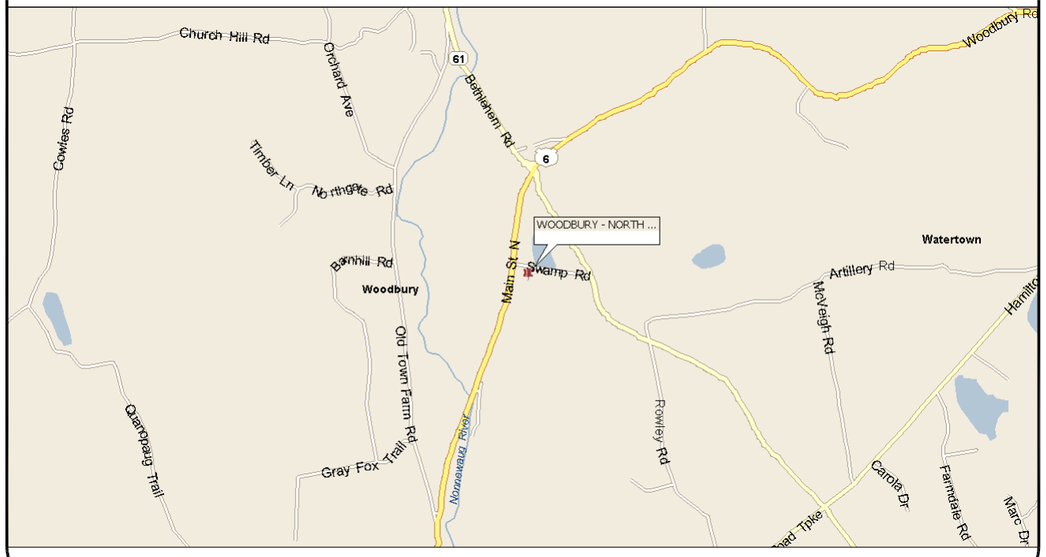
THE PURPOSE OF THIS PROJECT IS TO PROPOSE AN ANTENNA MODIFICATION ON AN EXISTING WIRELESS SITE.

TOWER SCOPE OF WORK
- REMOVE (3) AM-X-CD-16-65-00T-RET ANTENNAS.
- REMOVE (3) 7770 ANTENNAS
- REMOVE (3) TT19-08BP111-001 TMAs
- REMOVE (6) POWERWAVE LGP21901 DIPLEXERS
- REMOVE (3) RRUS-11 B12 RRHs
- REMOVE (1) POWER PLANT
- INSTALL (6) DMP65R-BU6DA ANTENNAS
- INSTALL (3) 4478 B14 RRHs
- INSTALL (3) 4449 B5/B12 RRHs
- INSTALL (3) 8843 B2/B66A RRHs
- INSTALL (2) DC POWER CABLES
- INSTALL (1) FIBER CABLES
- INSTALL (1) DC6
- INSTALL (1) NETSURE 7100 POWER PLANT
- INSTALL (1) BB 6630
- INSTALL (1) XMU

DESIGN PACKAGE BASED ON THE RFDS
REVISION: PRELIMINARY
DATE: 8/13/19

DESIGN PACKAGE BASED ON THE APPLICATION
ID: 492778
REVISION: 0

LOCATION MAP



NO SCALE

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:	CROWN CASTLE OCTOBER 23, 2019
MOUNT ANALYSIS:	TOWER ENGINEERING PROFESSIONALS AUGUST 30, 2019

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

CALL CONNECTICUT ONE CALL
(800) 922-4455
CALL 3 WORKING DAYS BEFORE YOU DIG!

AT&T
ONE AT&T WAY
BEDMINSTER, NJ 07921

CROWN CASTLE
3200 HORIZON DRIVE, SUITE 150
KING OF PRUSSIA, PA 19406

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

AT&T SITE NUMBER:
CTL01221

BU #: **876379**
CROWN SITE NAME

1440 NORTH MAIN ST
WOODBURY, CT 06798

EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/4/19	BEL	CONSTRUCTION	FWP
1	12/5/19	STH	CONSTRUCTION	FWP

STATE OF CONNECTICUT
31627
LICENSED
PROFESSIONAL ENGINEER
12/5/19

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

SHEET NUMBER: T-1
REVISION: 1

SITE WORK GENERAL NOTES:

1. THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
2. 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 SUBCONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES, SUBCONTRACTOR 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.
3. ALL SITE WORK TO COMPLY WITH QAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE" AND LATEST VERSION OF TIA 1019 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
4. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS.
5. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
6. 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, OWNER AND/OR LOCAL UTILITIES.
7. THE SUBCONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE.
8. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
9. 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.
10. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
11. 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 PROJECT SPECIFICATIONS.
12. SUBCONTRACTOR 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.
13. NOTICE TO PROCEED– NO WORK TO COMMENCE PRIOR TO COMPANY'S WRITTEN NOTICE TO PROCEED AND THE ISSUANCE OF A PURCHASE ORDER.
14. 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 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 THE ANSI/TIA–322 (LATEST EDITION).

STRUCTURAL STEEL NOTES:

1. ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND IN ACCORDANCE WITH ASTM A36 UNLESS OTHERWISE NOTED.
2. BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE (3/4"ø) CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
3. NON–STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8"ø ASTM A307 BOLTS UNLESS NOTED OTHERWISE.
4. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR CONTRACTOR APPROVAL WHEN DRILLING HOLES IN CONCRETE. SPECIAL INSPECTIONS, REQUIRED BY GOVERNING CODES, SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWABLE LOADS.

CONCRETE AND REINFORCING STEEL NOTES:

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. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE. SLAB FOUNDATION DESIGN ASSUMING ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO.
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

   CONCRETE CAST AGAINST EARTH.....3 IN.
   CONCRETE EXPOSED TO EARTH OR WEATHER:
   #6 AND LARGER.....2 IN.
   #5 AND SMALLER & WWF.....1 1/2 IN.
   CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:
   SLAB AND WALLS.....3/4 IN.
   BEAMS AND COLUMNS.....1 1/2 IN.
5. A CHAMFER 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE. IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

MASONRY NOTES:

1. HOLLOW CONCRETE MASONRY UNITS SHALL MEET A.S.T.M. SPECIFICATION C90, GRADE N. TYPE 1. THE SPECIFIED DESIGN COMPRESSIVE STRENGTH OF CONCRETE MASONRY (F'm) SHALL BE 1500 PSI.
2. MORTAR SHALL MEET THE PROPERTY SPECIFICATION OF A.S.T.M. C270 TYP. "S" MORTAR AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
3. GROUT SHALL MEET A.S.T.M. SPECIFICATION C475 AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI.
4. CONCRETE MASONRY SHALL BE LAID IN RUNNING (COMMON) BOND.
5. WALL SHALL RECEIVE TEMPORARY BRACING. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL GROUT IS FULLY CURED.

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:

CONTRACTOR–	
SUBCONTRACTOR–	GENERAL CONTRACTOR (CONSTRUCTION)
CARRIER–	AT&T
TOWER OWNER–	CROWN CASTLE USA INC.
OEM–	ORIGINAL EQUIPMENT MANUFACTURER

2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR 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 CONTRACTOR AND CROWN CASTLE USA INC.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. SUBCONTRACTOR 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.
4. DRAWINGS PROVIDED HERE ARE NOT TO SCALE AND ARE INTENDED TO SHOW OUTLINE ONLY.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
6. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR.
7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
8. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CONTRACTOR AND CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWINGS.
10. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
11. SUBCONTRACTOR 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.
12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

ABBREVIATIONS AND SYMBOLS:

ABBREVIATIONS:

AGL	ABOVE GRADE LEVEL
BTS	BASE TRANSCEIVER STATION
EXISTING	EXISTING
MIN.	MINIMUM
REF	REFERENCE
RF	RADIO FREQUENCY
T.B.D.	TO BE DETERMINED
T.B.R.	TO BE RESOLVED
TYP	TYPICAL
REQ	REQUIRED
EGR	EQUIPMENT GROUND RING
AWG	AMERICAN WIRE GAUGE
MGB	MASTER GROUND BAR
EG	EQUIPMENT GROUND
BCW	BARE COPPER WIRE
SIAD	SMART INTEGRATED ACCESS DEVICE
GEN	GENERATOR
IGR	INTERIOR GROUND RING (HALO)
RBS	RADIO BASE STATION

SYMBOLS:

- SOLID GROUND BUS BAR (S/G)
- SOLID NEUTRAL BUS BAR (S/N)
- SUPPLEMENTAL GROUND CONDUCTOR
- 2–POLE THERMAL–MAGNETIC CIRCUIT BREAKER
- SINGLE–POLE THERMAL–MAGNETIC CIRCUIT BREAKER
- CHEMICAL GROUND ROD
- TEST WELL
- DISCONNECT SWITCH
- METER (M)
- EXOTHERMIC WELD (CADWELD) (UNLESS OTHERWISE NOTED)
- MECHANICAL CONNECTION
- GROUNDING WIRE

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. SUBCONTRACTOR 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. HILTI EPOXY ANCHORS ARE REQUIRED BY CROWN CASTLE USA INC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
5. CABLES SHALL NOT BE ROUTED THROUGH LADDER–STYLE CABLE TRAY RUNGS.
6. EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING AND T1 CONDUCTOR AND 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.
7. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH PLASTIC TAPE PER COLOR SCHEDULE. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (I.E. PANEL BOARD AND CIRCUIT ID'S).
8. PANEL BOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
9. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
10. POWER, CONTROL AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN–2, CLASS B STRANDED COPPER CABLE RATED FOR 90° C (WET & DRY) OPERATION LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED UNLESS OTHERWISE SPECIFIED.
11. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN–2 GREEN INSULATION CLASS B STRANDED COPPER CABLE RATED FOR 90° C (WET AND DRY) OPERATION LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN–2, CLASS B STRANDED COPPER CABLE RATED FOR 90° C (WET AND DRY) OPERATION WITH OUTER JACKET LISTED OR LABELED FOR THE LOCATION USED 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 AT NO 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) OR RIGID NONMETALLIC CONDUIT (I.E. RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT) OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) 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 NEC.
21. WIREWAYS SHALL BE EPOXY–COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER).
22. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON–PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES 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 BUSHIN ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
23. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL; SHALL MEET OR EXCEED UL 50 AND RATED NEMA 1 (OR BETTER) INDOORS OR NEMA 3R (OR BETTER) OUTDOORS.
24. 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 RATED NEMA 1 (OR BETTER) INDOORS OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
25. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
26. THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
27. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
28. INSTALL PLASTIC LABEL ON THE METER CENTER TO SHOW "AT&T".
29. ALL CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

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 SUBCONTRACTOR SHALL PERFORM IEEE FALL–OF–POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE SUBCONTRACTOR 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 AWG 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 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 AWG 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 AWG 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 WIRES WITH 1–#2 AWG TIN–PLATED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED IN THE FACILITY GROUND 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 PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., 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 TINNED SOLID IN 3/4" LIQUID TIGHT CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD–WELD TERMINATION POINT. THE EXPOSED END OF THE LIQUID TIGHT CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).

NEC INSULATOR COLOR CODE

DESCRIPTION	PHASE/CODE LETTER	WIRE COLOR
240/120 1Ø	LEG 1	BLACK
	LEG 2	RED
AC NEUTRAL	N	WHITE
GROUND (EGC)	G	GREEN
VDC POS	+	*RED–POLARITY MARK AT TERMINATION
VDC NEG	–	*BLACK–POLARITY MARK AT TERMINATION
240V OR 208V, 3Ø	PHASE A	BLACK
	PHASE B	RED(ORG. IF HI LEG)
	PHASE C	BLUE
480V, 3Ø	PHASE A	BROWN
	PHASE B	ORANGE OR PURPLE
	PHASE C	YELLOW

* SEE NEC 210.5(C)(1) AND (2)

AT&T
ONE AT&T WAY
BEDMINSTER, NJ 07921

CROWN CASTLE
3200 HORIZON DRIVE, SUITE 150
KING OF PRUSSIA, PA 19406

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

AT&T SITE NUMBER:
CTL01221

BU #: **876379**
CROWN SITE NAME

1440 NORTH MAIN ST
WOODBURY, CT 06798

EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

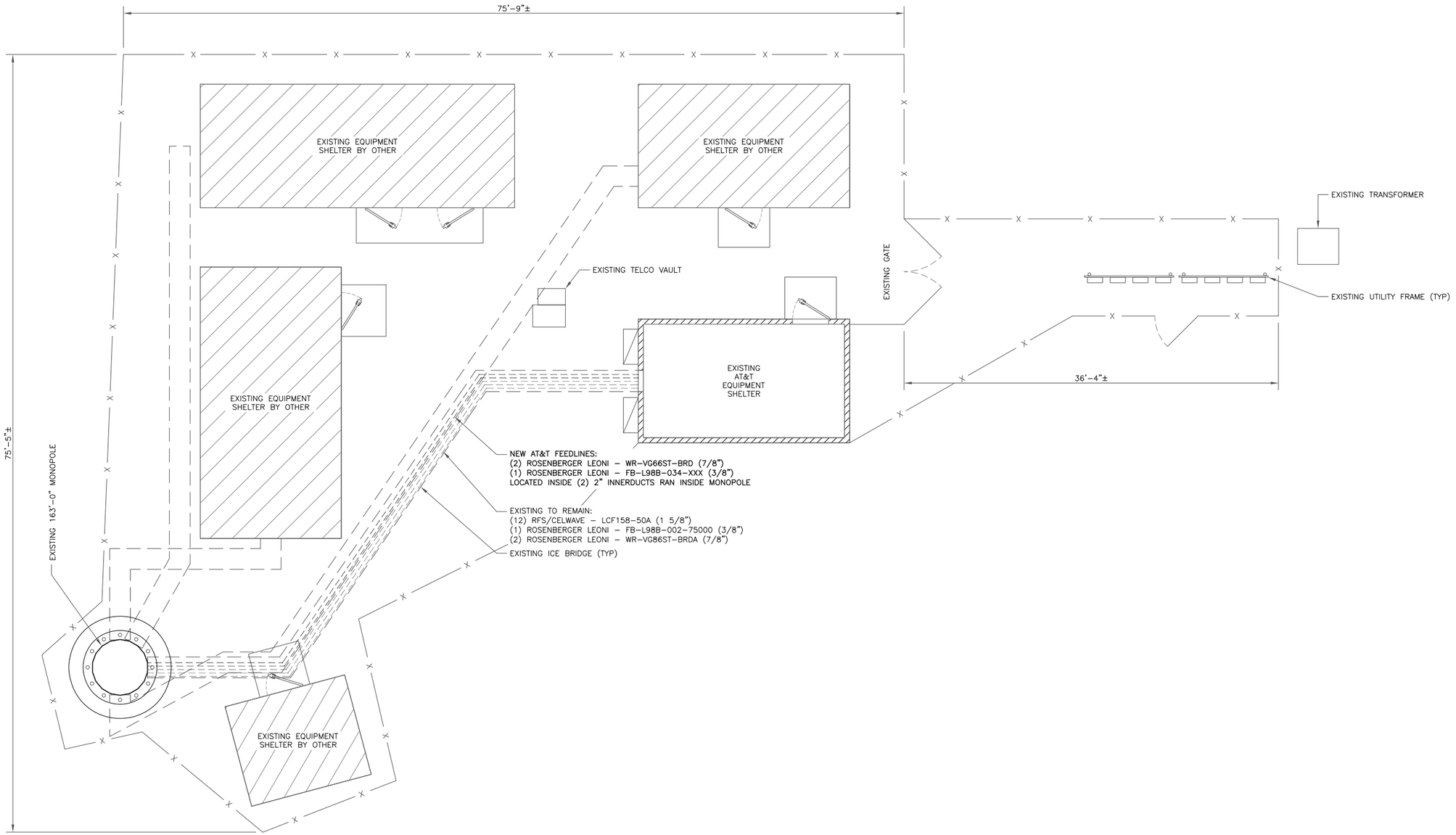
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/4/19	BEL	CONSTRUCTION	FWP
1	12/5/19	STH	CONSTRUCTION	FWP

STATE OF CONNECTICUT
31627
LICENSED
PROFESSIONAL ENGINEER
12/5/19

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

SHEET NUMBER: T-2

REVISION: 1



1 SITE PLAN
SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)

N

AT&T
ONE AT&T WAY
BEDMINSTER, NJ 07921

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EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/4/19	BEL	CONSTRUCTION	FWP
1	12/5/19	STH	CONSTRUCTION	FWP

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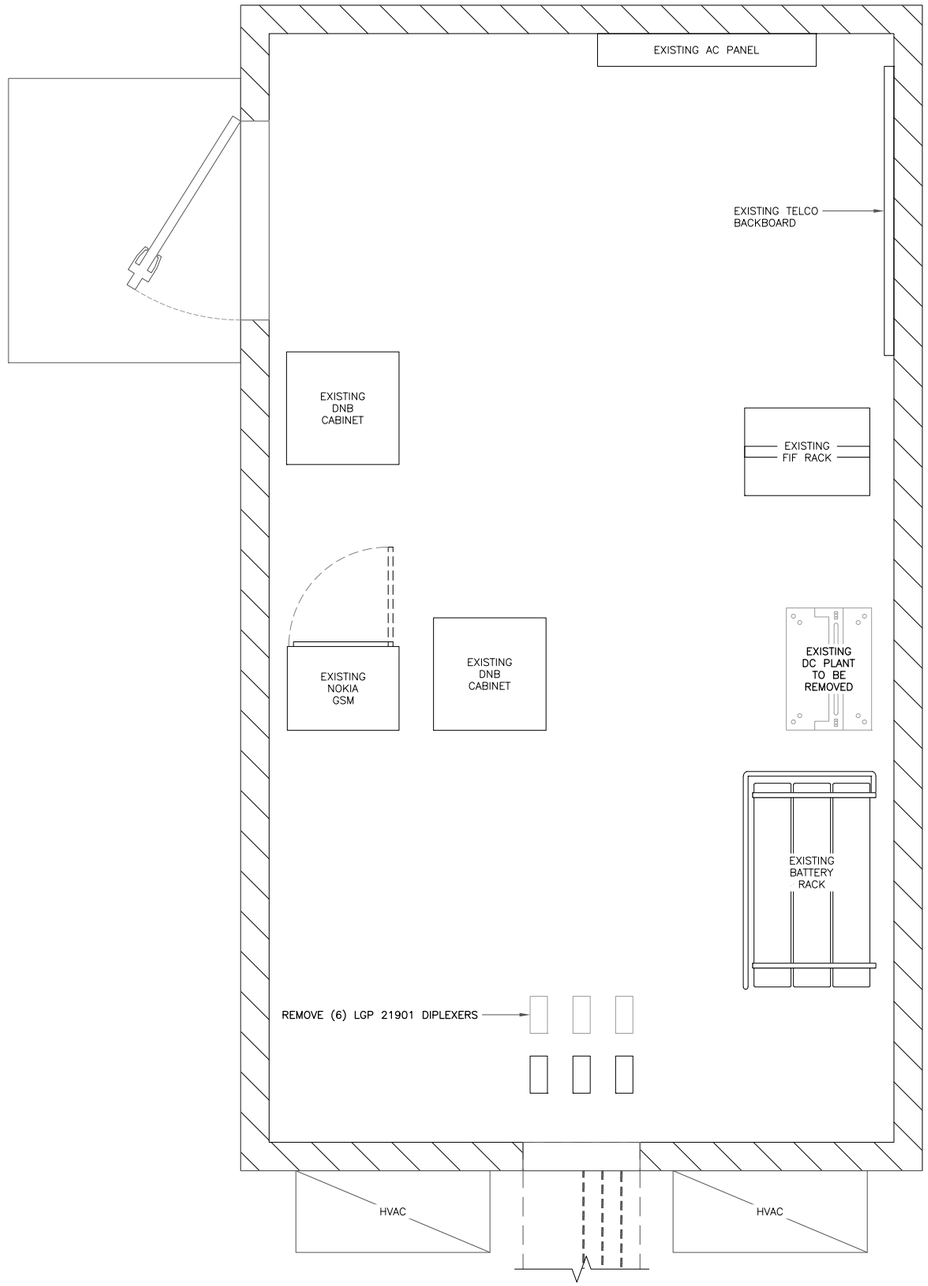
31627
LICENSED
PROFESSIONAL ENGINEER
12/5/19

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

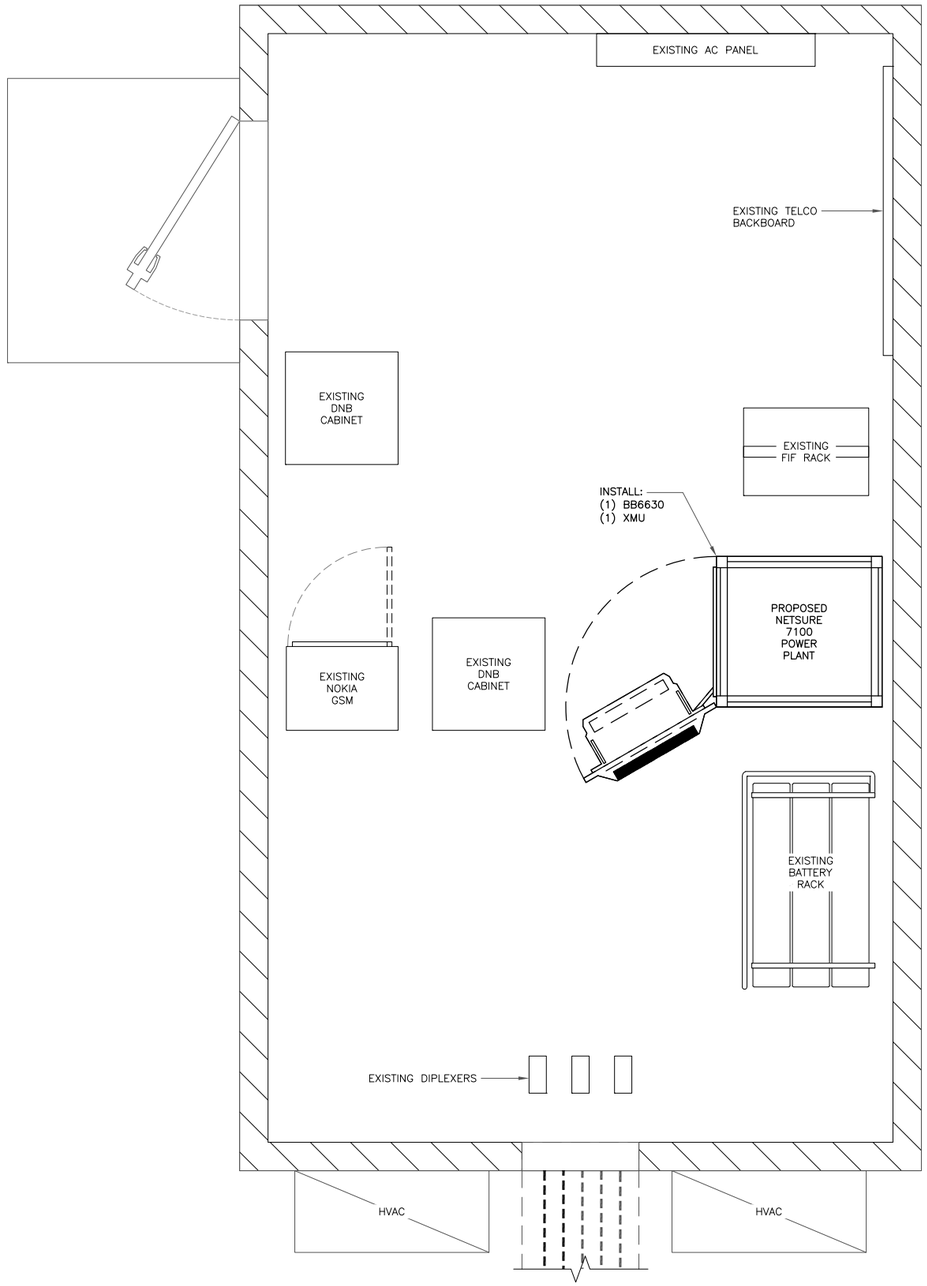
SHEET NUMBER: C-1
REVISION: 1



1 EXISTING EQUIPMENT PLAN

SCALE: 1' 6" 0 1' 3/4"=1'-0" (FULL SIZE) 3/8"=1'-0" (11x17)

N



2 PROPOSED EQUIPMENT PLAN

SCALE: 1' 6" 0 1' 3/4"=1'-0" (FULL SIZE) 3/8"=1'-0" (11x17)

N

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EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/4/19	BEL	CONSTRUCTION	FWP
1	12/5/19	STH	CONSTRUCTION	FWP

STATE OF CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
31627 LICENSED PROFESSIONAL ENGINEER
12/5/19

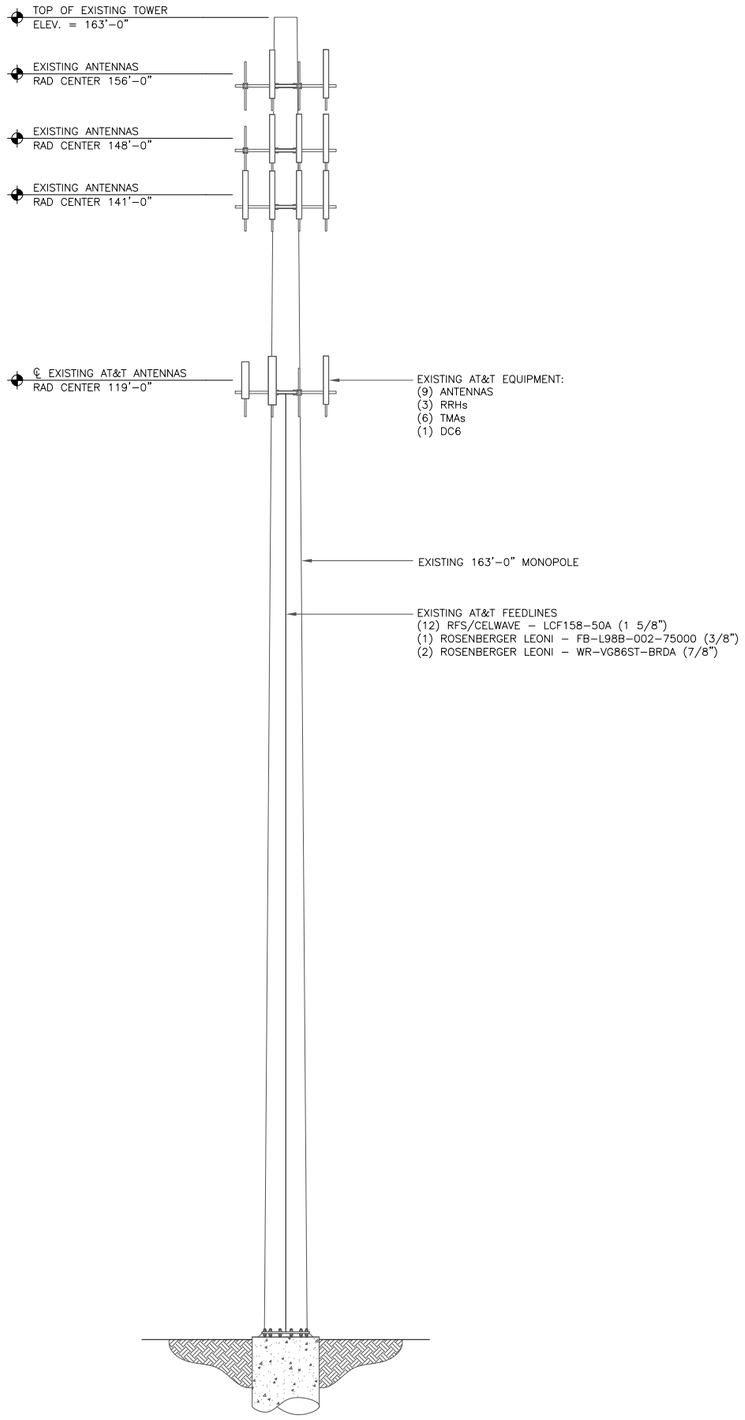
B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

SHEET NUMBER: C-2

REVISION: 1

AT&T EQUIPMENT

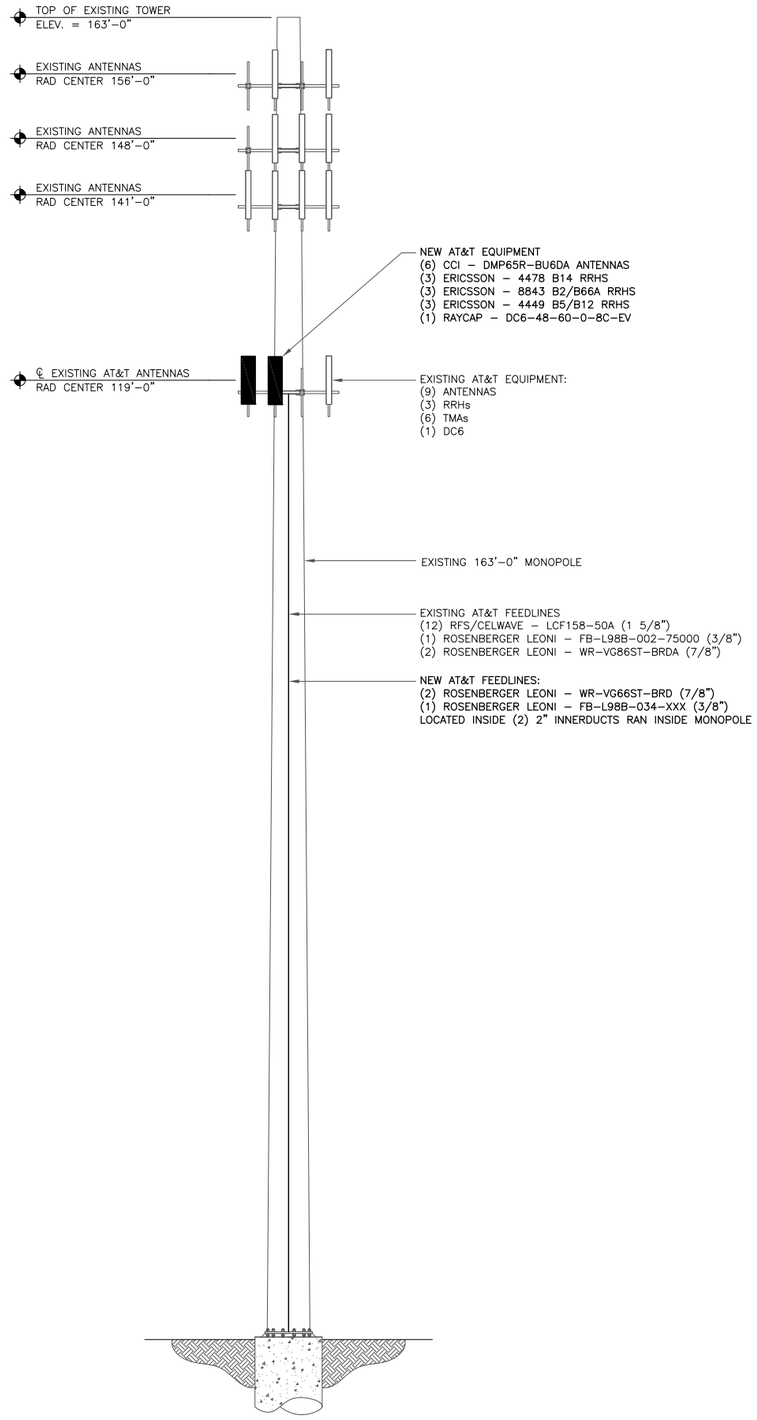
ANTENNA CL: 119'-0"
MOUNT CL: 118'-0"



1 EXISTING ELEVATION
SCALE: NOT TO SCALE

AT&T EQUIPMENT

ANTENNA CL: 119'-0"
MOUNT CL: 118'-0"



2 FINAL ELEVATION
SCALE: NOT TO SCALE

AT&T
ONE AT&T WAY
BEDMINSTER, NJ 07921

CROWN CASTLE
3200 HORIZON DRIVE, SUITE 150
KING OF PRUSSIA, PA 19406

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

AT&T SITE NUMBER:
CTL01221

BU #: **876379**
CROWN SITE NAME

1440 NORTH MAIN ST
WOODBURY, CT 06798

EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/4/19	BEL	CONSTRUCTION	FWP
1	12/5/19	STH	CONSTRUCTION	FWP

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12/5/19

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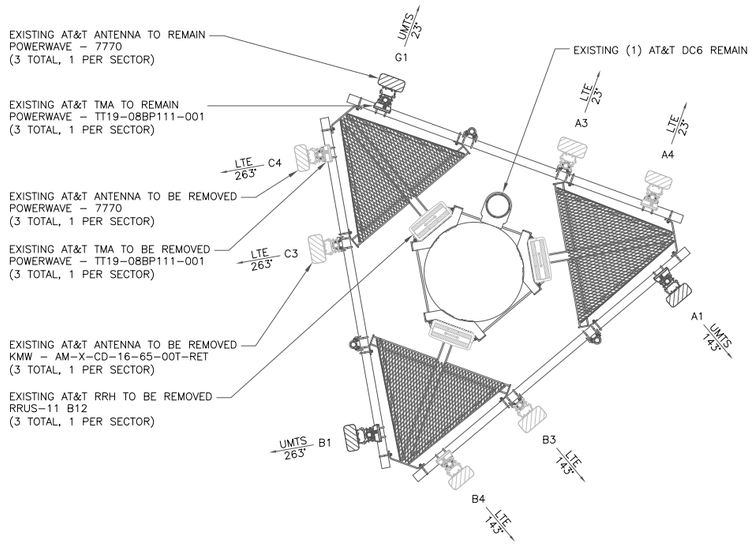
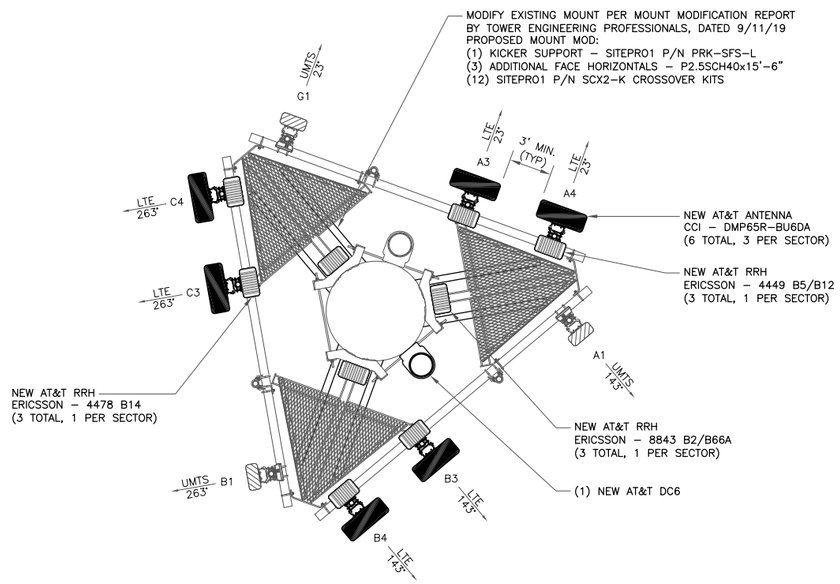
SHEET NUMBER: C-3
REVISION: 1



1 EXISTING ANTENNA LAYOUT
SCALE: NOT TO SCALE



2 FINAL ANTENNA LAYOUT
SCALE: NOT TO SCALE

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SHEET NUMBER: C-4
REVISION: 1

FINAL ANTENNA AND COAXIAL CABLE SCHEDULE

POS.	TECH	STATUS	AZIMUTH	ANTENNA TYPE	ANTENNA RAD CENTER	MECHANICAL DOWNTILT	ELECTRICAL DOWNTILT	MAIN COAX SIZE	MAIN COAX LENGTH	COAX QTY	TMA QTY AND MODEL	RAYCAP	DC (WR-VG86ST-BRD) FIBER CABLES (FB-L98B-034-XXXXXX)	RRHs QTY ON TOWER	RRHs ON GROUND	DIPLEXER ON TOWER	DIPLEXER ON GROUND	RET CABLE
ALPHA SECTOR																		
G1	UMTS	EXISTING	23°	POWERWAVE 7770	119'-0"	0°	4°	1 5/8"	200'-0"	2	(1) PWAV TT19-08BP111-001	DC6-48-60-18-8F	(1) FIBER (2) DC LINES	–	–	–	2	Y
A2	–	–	–	–	–	–	–	1 5/8"	200'-0"	2	–			–	–	–	–	–
A3	LTE	NEW	23°	CCI DMP65R-BU6DA	119'-0"	0°	2°/2°	–	200'-0"	–	–			(1) 4487 B14	–	–	–	Y
A4	LTE	NEW	23°	CCI DMP65R-BU6DA	119'-0"	0°	5°/5°/2°/5°	–	200'-0"	–	–			(1) 4449 B5/B12 (1) 8843 B2/B66A	–	–	–	Y
BETA SECTOR																		
A1	UMTS	EXISTING	143°	POWERWAVE 7770	119'-0"	0°	4°	1 5/8"	200'-0"	2	(1) PWAV TT19-08BP111-001	DC6-48-60-0-8C-EV	(1) FIBER (2) DC LINES	–	–	–	2	Y
B2	–	–	–	–	–	–	–	1 5/8"	200'-0"	2	–			–	–	–	–	–
B3	LTE	NEW	143°	CCI DMP65R-BU6DA	119'-0"	0°	2°/2°	–	200'-0"	–	–			(1) 4487 B14	–	–	–	Y
B4	LTE	NEW	143°	CCI DMP65R-BU6DA	119'-0"	0°	2°/2°/2°/2°	–	200'-0"	–	–			(1) 4449 B5/B12 (1) 8843 B2/B66A	–	–	–	Y
GAMMA SECTOR																		
B1	UMTS	EXISTING	263°	POWERWAVE 7770	119'-0"	0°	4°	1 5/8"	200'-0"	2	(1) PWAV TT19-08BP111-001	–	–	–	–	–	2	Y
C2	–	–	–	–	–	–	–	1 5/8"	200'-0"	2	–			–	–	–	–	–
C3	LTE	NEW	263°	CCI DMP65R-BU6DA	119'-0"	0°	2°/2°	–	200'-0"	–	–			(1) 4487 B14	–	–	–	Y
C4	LTE	NEW	263°	CCI DMP65R-BU6DA	119'-0"	0°	2°/2°/2°/2°	–	200'-0"	–	–			(1) 4449 B5/B12 (1) 8843 B2/B66A	–	–	–	Y

NOTE: BOLD DENOTES NEW EQUIPMENT

1 FINAL ANTENNA AND COAXIAL CABLE SCHEDULE
SCALE: NOT TO SCALE

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AT&T SITE NUMBER:
CTL01221

BU #: **876379**
CROWN SITE NAME

1440 NORTH MAIN ST
WOODBURY, CT 06798

EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

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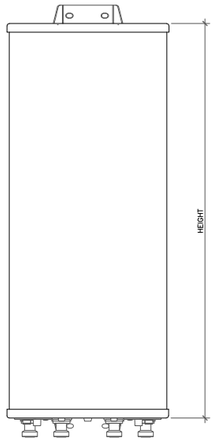
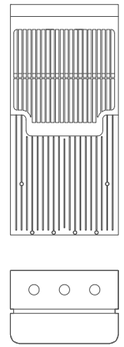
SHEET NUMBER: C-5
REVISION: 1



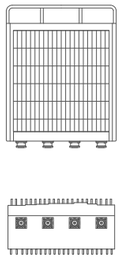
ANTENNA DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
DMP65R-BU6DA	71.2"	20.7"	7.7"	79.4 lbs

1 ANTENNA DETAIL
SCALE: NOT TO SCALE



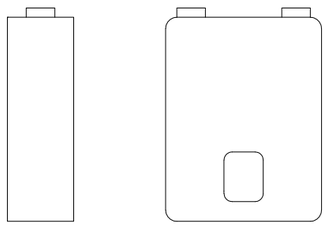
MANUFACTURER:	ERICSSON
PART #:	8843 B2/B66A
HEIGHT:	22.04"
WIDTH:	12.12"
DEPTH:	7.12"
WEIGHT:	79.36 LBS

2 RRH DETAIL
SCALE: NOT TO SCALE



MANUFACTURER:	ERICSSON
PART #:	4449 B5/B12
HEIGHT:	17.9"
WIDTH:	13.19"
DEPTH:	9.44"
WEIGHT:	71.0 LBS

3 RRH DETAIL
SCALE: NOT TO SCALE



MANUFACTURER:	ERICSSON
PART #:	4478 B14
HEIGHT:	15"
WIDTH:	13"
DEPTH:	8.0"
WEIGHT:	60 LBS

4 RRH DETAIL
SCALE: NOT TO SCALE

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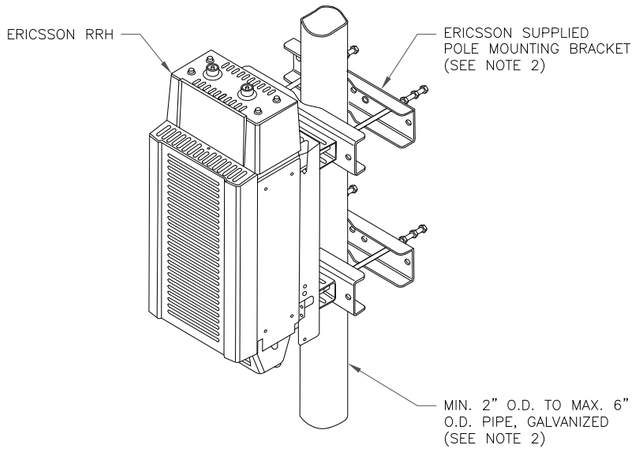
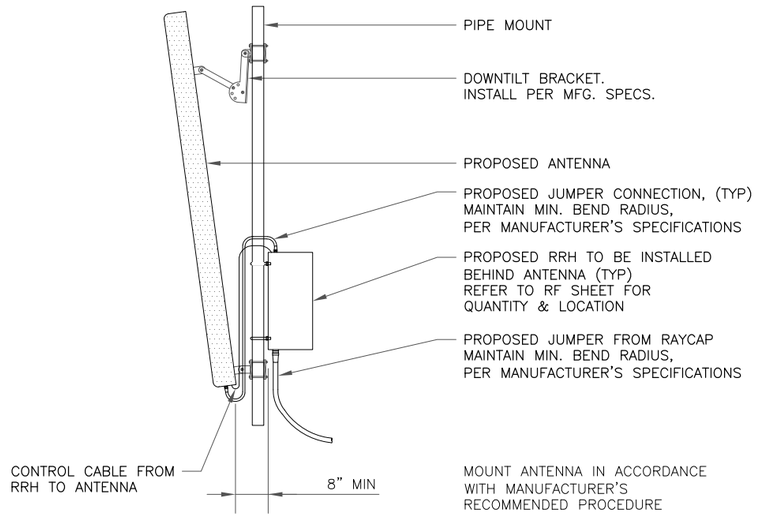
SHEET NUMBER: C-6
REVISION: 1

NOTES:

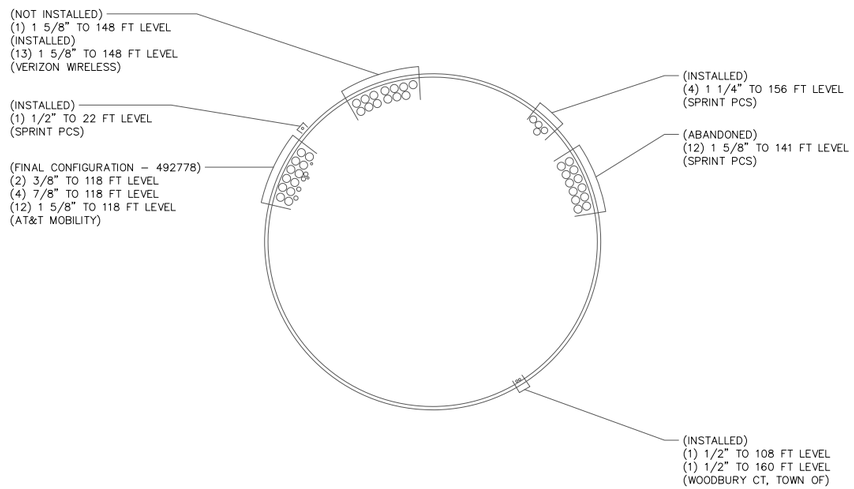
1. ERICSSON VIA AT&T SUPPLIES RRH, RRH POLE–MOUNTING BRACKET. SUBCONTRACTOR SHALL SUPPLY POLE/PIPE AND INSTALL ALL MOUNTING HARDWARE INCLUDING ALU RRH POLE–MOUNTING BRACKET. ALU INSTALLS RRH AND MAKES CABLE TERMINATIONS.
2. FOR POLE DIAMETERS FROM 6" TO 15", ERICSSON CAN SUPPLY A PAIR OF POLE MOUNTING METAL BANDS WITH BOLTING WELDMENT.
3. NO PAINTING OF THE RRH OR SOLAR SHIELD IS ALLOWED



1 RRH MOUNTING DETAIL
SCALE: NOT TO SCALE



2 ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE



3 BASE LEVEL DRAWING
SCALE: NOT TO SCALE

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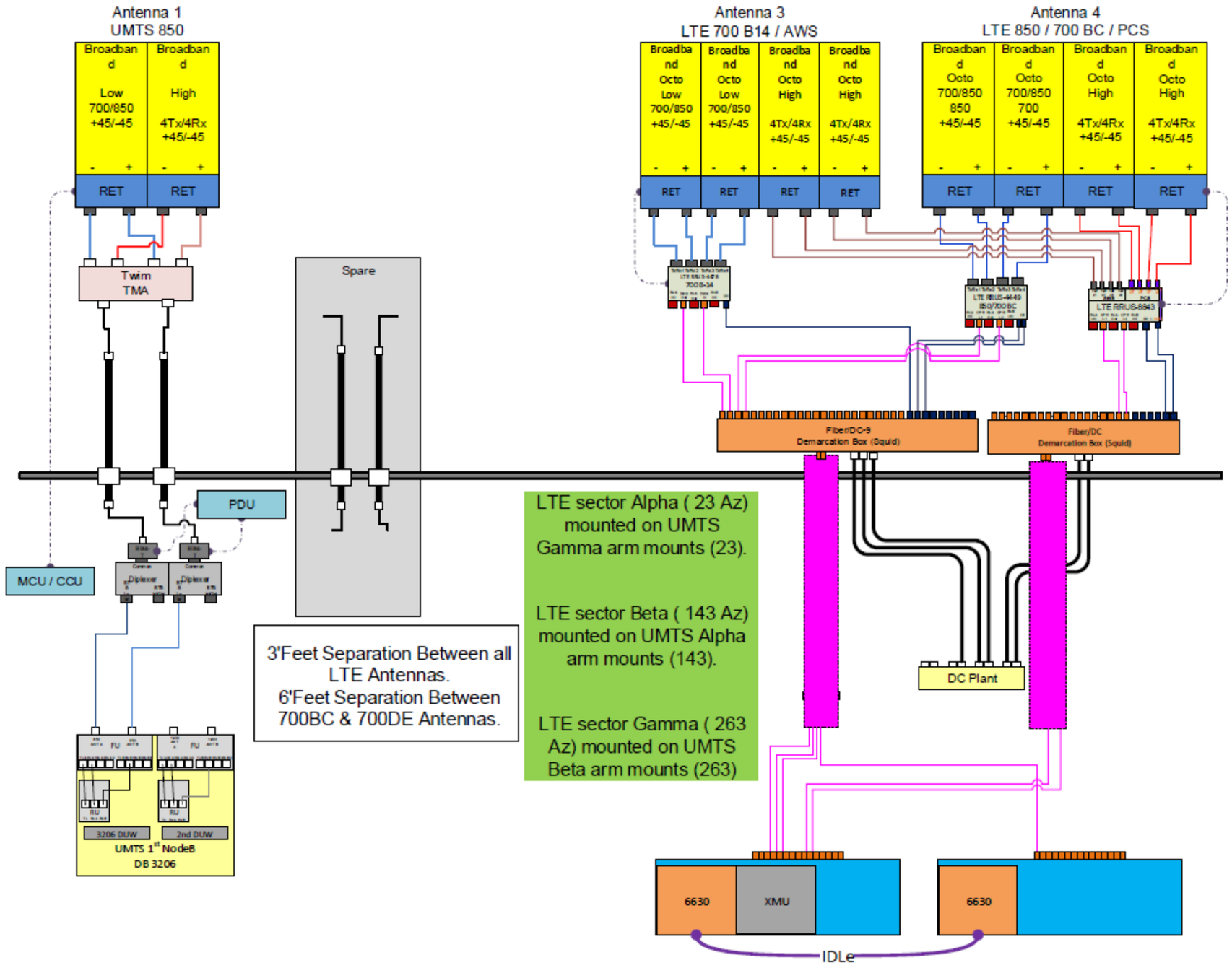
SHEET NUMBER: C-7
REVISION: 1



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

AT&T
ONE AT&T WAY
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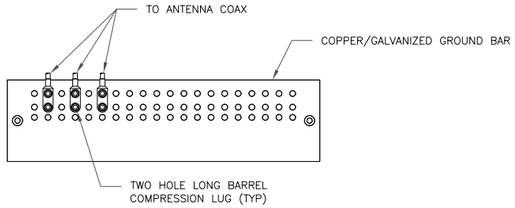
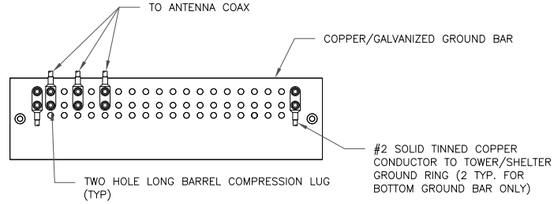
SHEET NUMBER: C-8
REVISION: 1



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 TOWER STEEL.

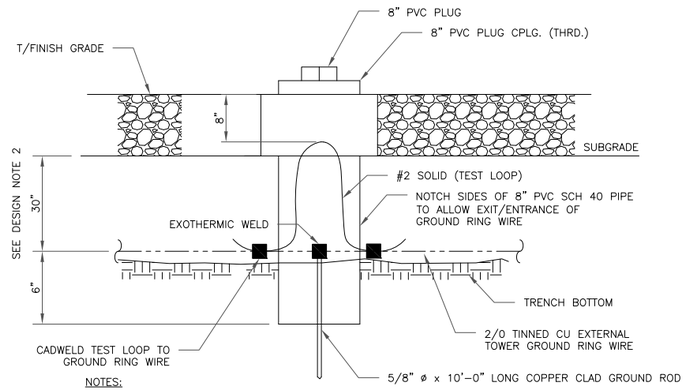
1 ANTENNA GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

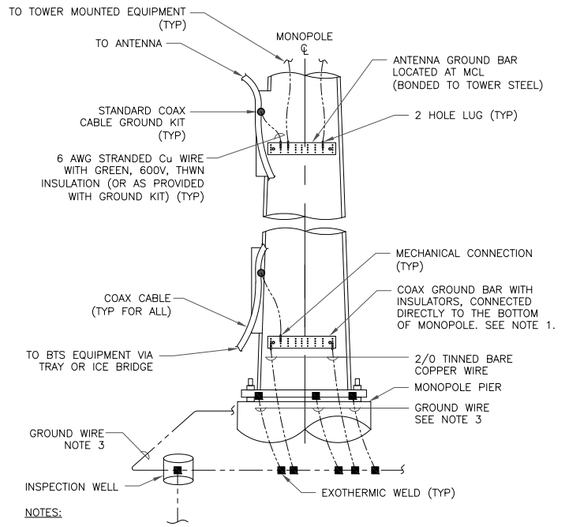
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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)

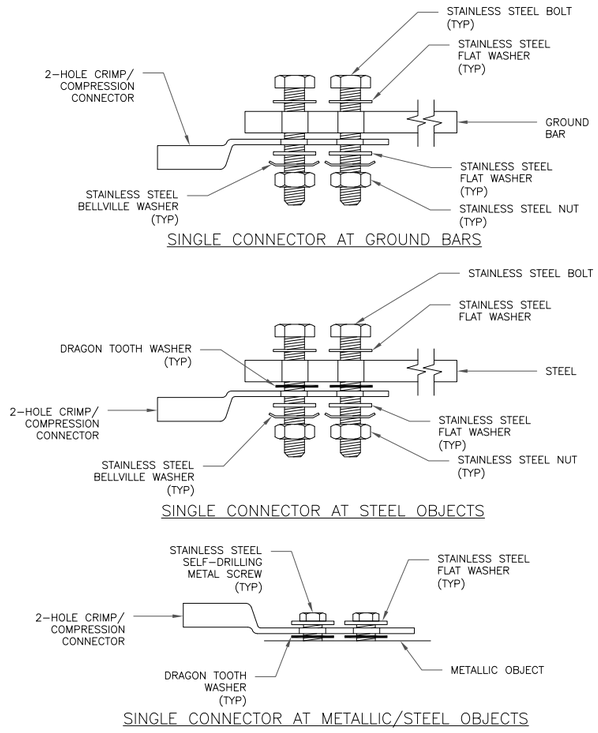
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



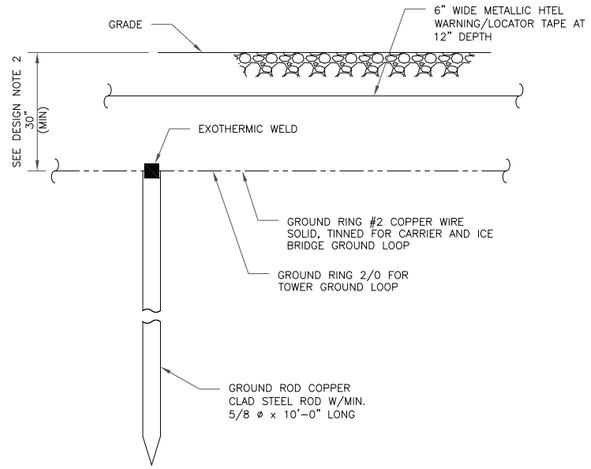
NOTES:

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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EXISTING 163'-0"
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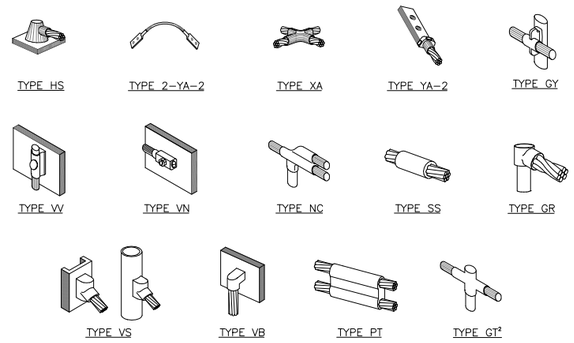
SHEET NUMBER: G-1
REVISION: 1

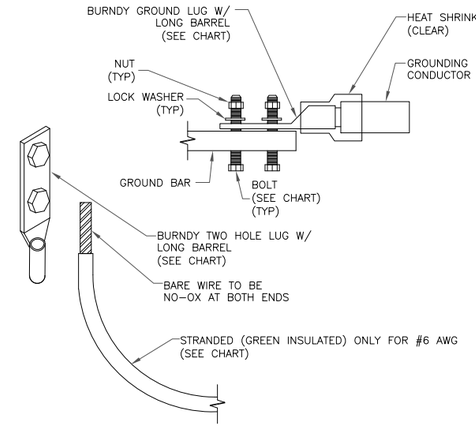


NOTE:

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

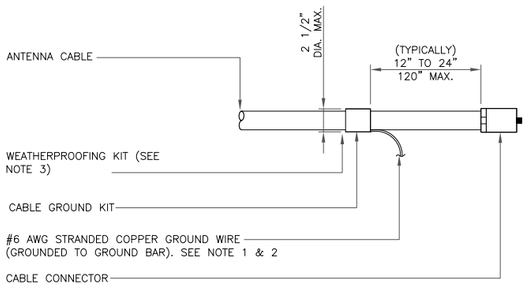
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

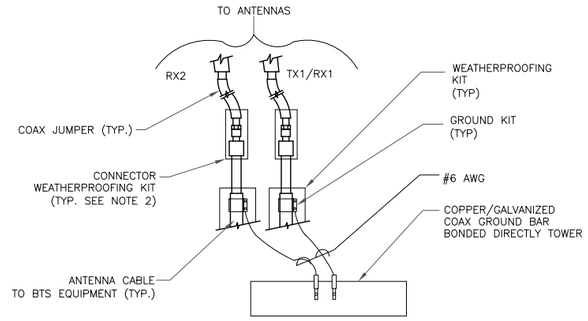
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

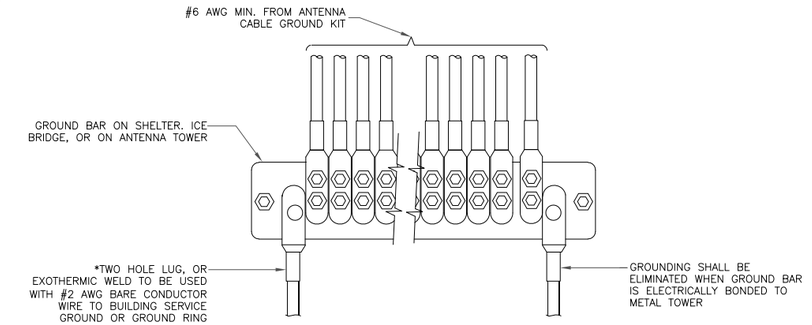
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



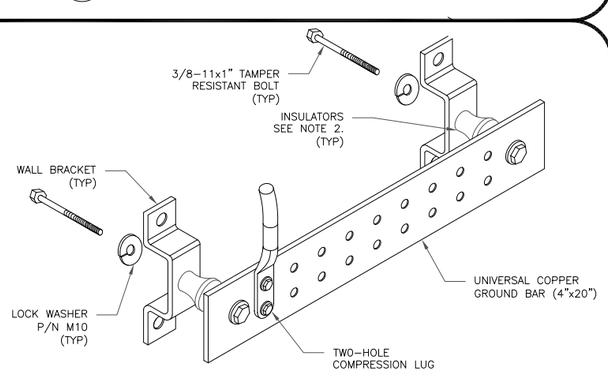
NOTES:

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



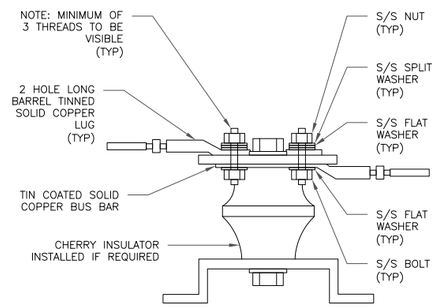
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



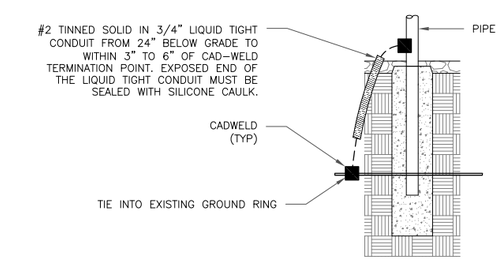
NOTES:

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

AT&T
ONE AT&T WAY
BEDMINSTER, NJ 07921

CROWN CASTLE
3200 HORIZON DRIVE, SUITE 150
KING OF PRUSSIA, PA 19406

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

AT&T SITE NUMBER:
CTL01221

BU #: **876379**
CROWN SITE NAME

1440 NORTH MAIN ST
WOODBURY, CT 06798

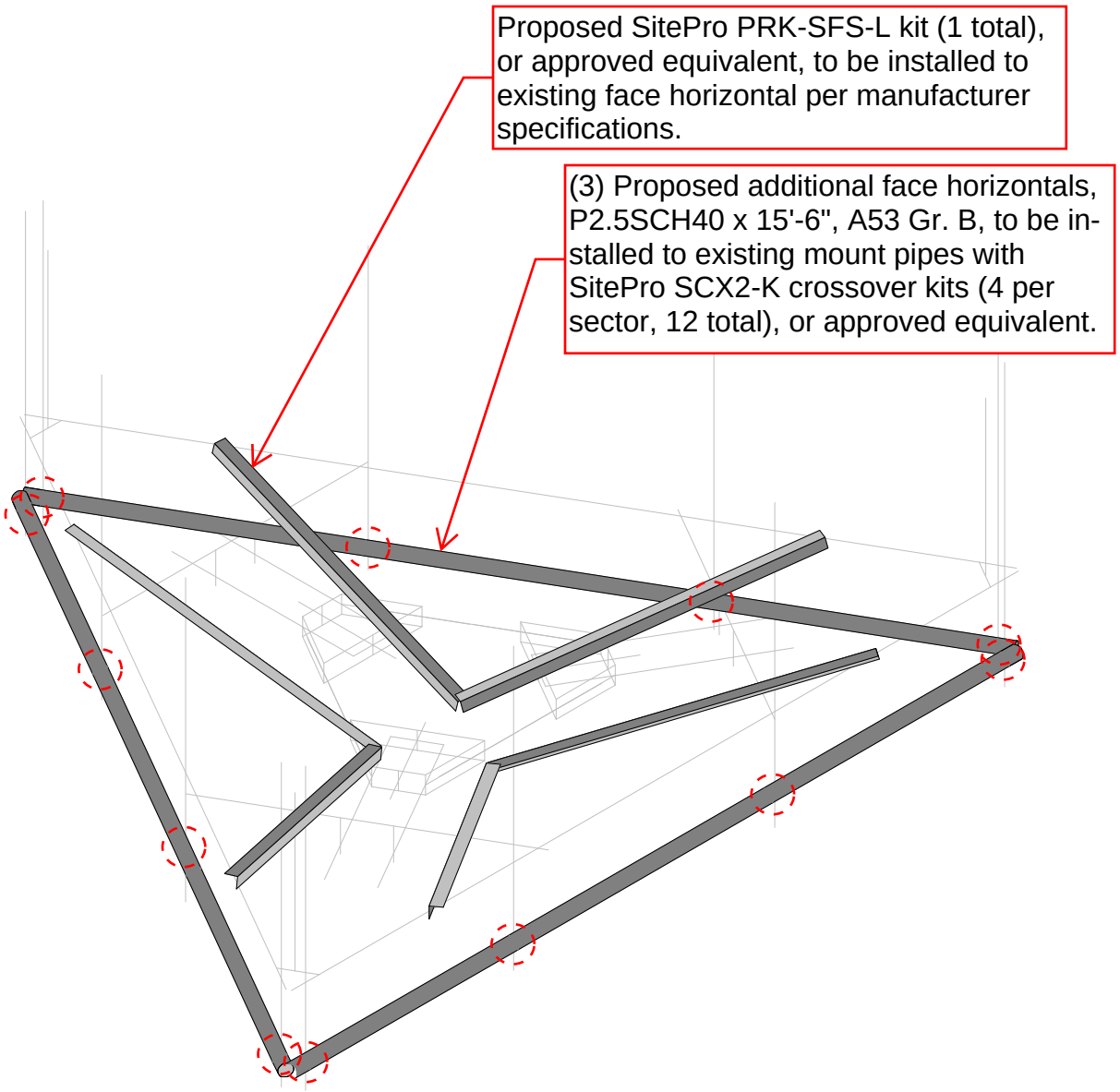
EXISTING 163'-0"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/4/19	BEL	CONSTRUCTION	FWP
1	12/5/19	STH	CONSTRUCTION	FWP

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

SHEET NUMBER: G-2
REVISION: 1



Envelope Only Solution

Tower Engineering Profess...		SK - 6
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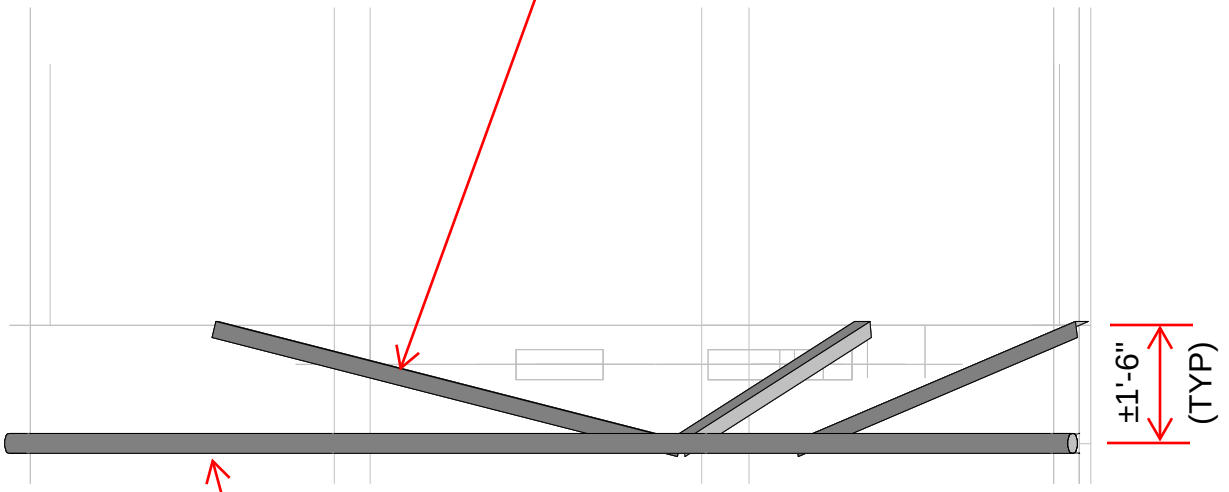

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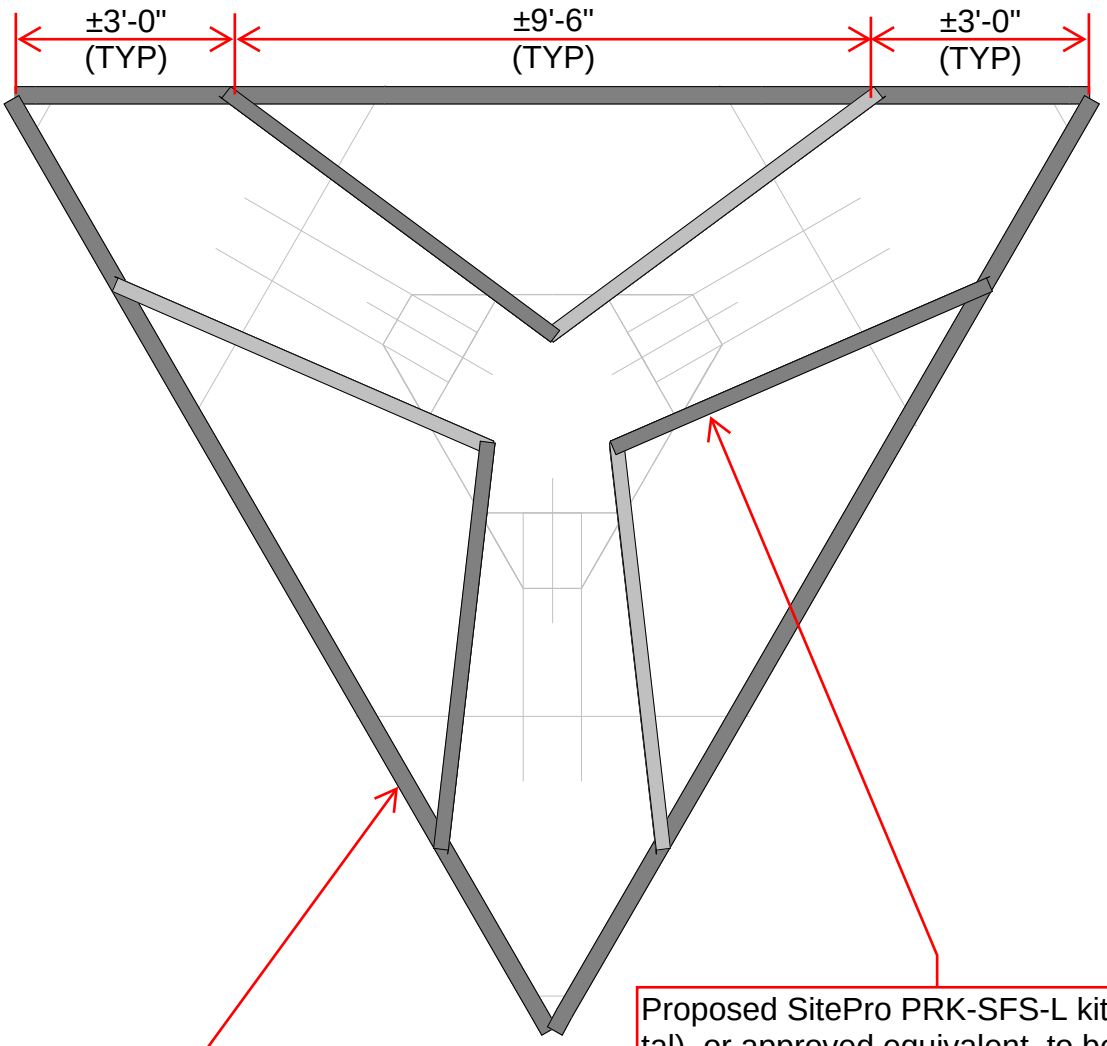

(3) Proposed additional face horizontals, P2.5SCH40 x 15'-6", A53 Gr. B, to be installed to existing mount pipes with SitePro SCX2-K crossover kits (4 per sector, 12 total), or approved equivalent.

Proposed SitePro PRK-SFS-L kit (1 total), or approved equivalent, to be installed to existing face horizontal per manufacturer specifications.

Envelope Only Solution

Tower Engineering Profess...	CCI BU No. 876379	SK - 8
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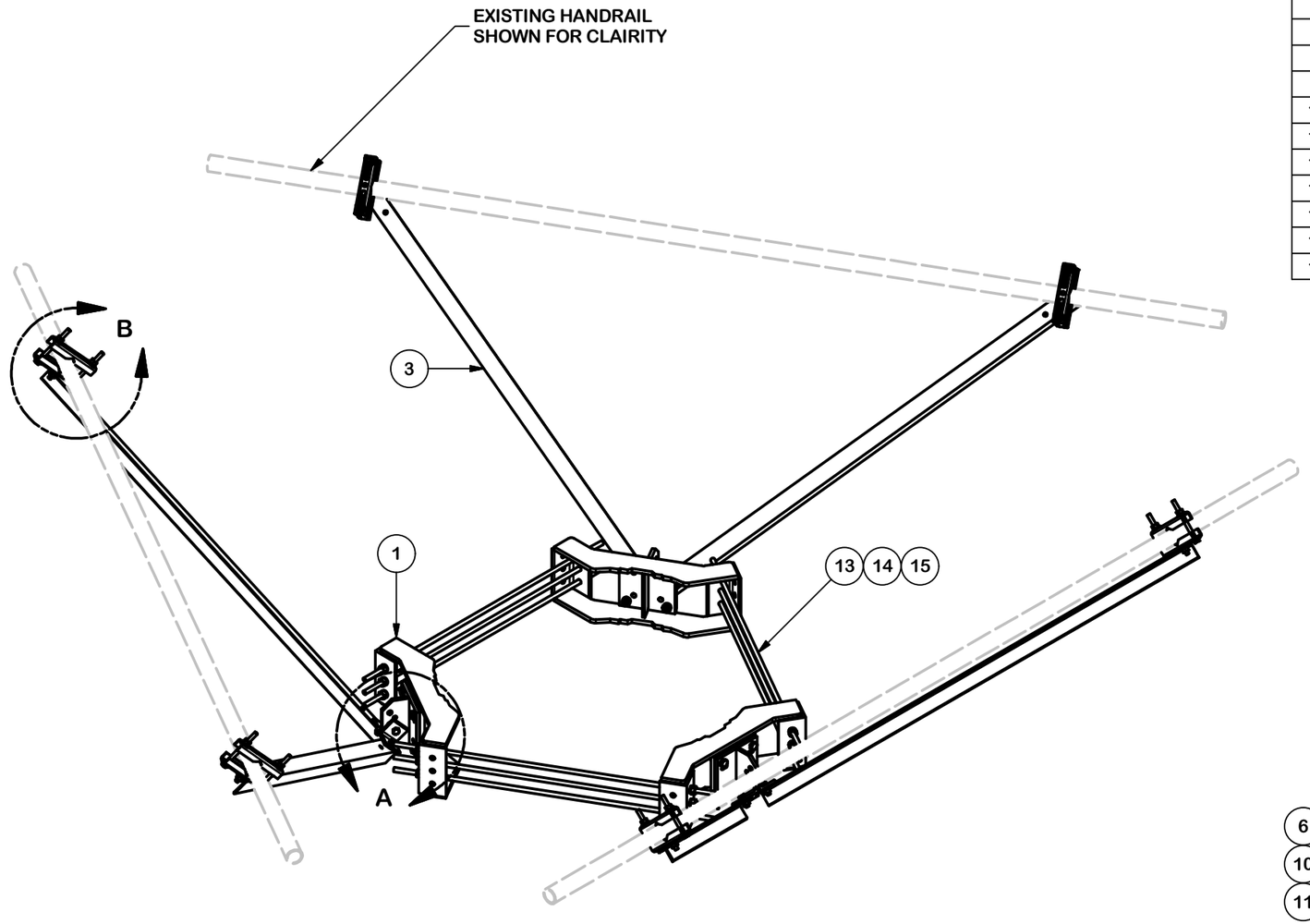


PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	3	X-TBW	T-BRACKET WELDMENT		13.60	40.80
3	6	X-254924	DIAGONAL ANGLE - SITE PRO 1	72 in	19.71	118.24
4	12	X-STU	STIFF ARM CHANNEL BRACKET	8 1/2 in	1.37	16.46
5	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
6	12	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	1.77
7	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
8	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	4.91
9	24	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.82
10	27	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.38
11	27	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.93
12	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
13	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	0.40	3.59
13	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)	48 in	0.40	3.59
14	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
15	30	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	3.90
					TOTAL WT. #	642.04

DETAIL A

DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

TOLERANCE NOTES

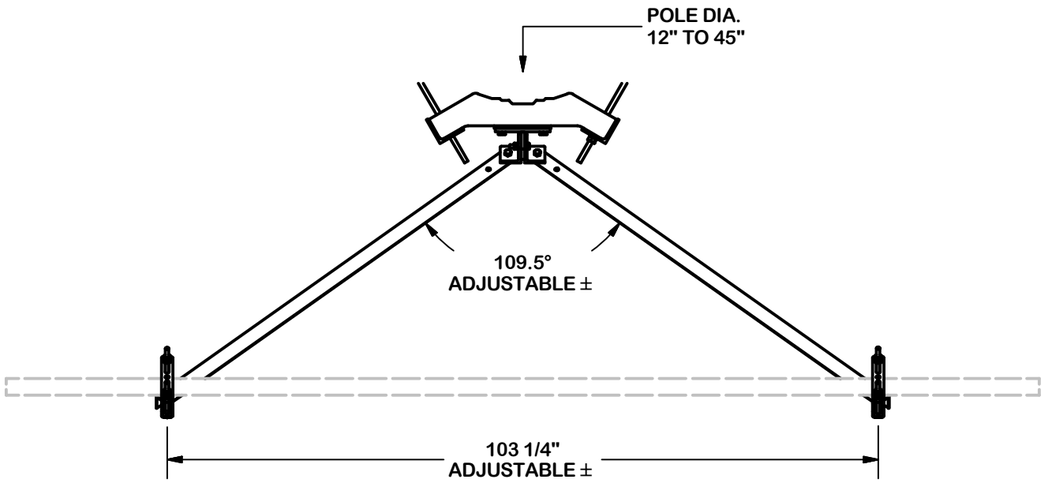
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION: HANDRAIL REINFORCEMENT KIT (LONG)

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
SP1	CSL3 2/23/2017	3RD PARTY	PRK-SFS-L

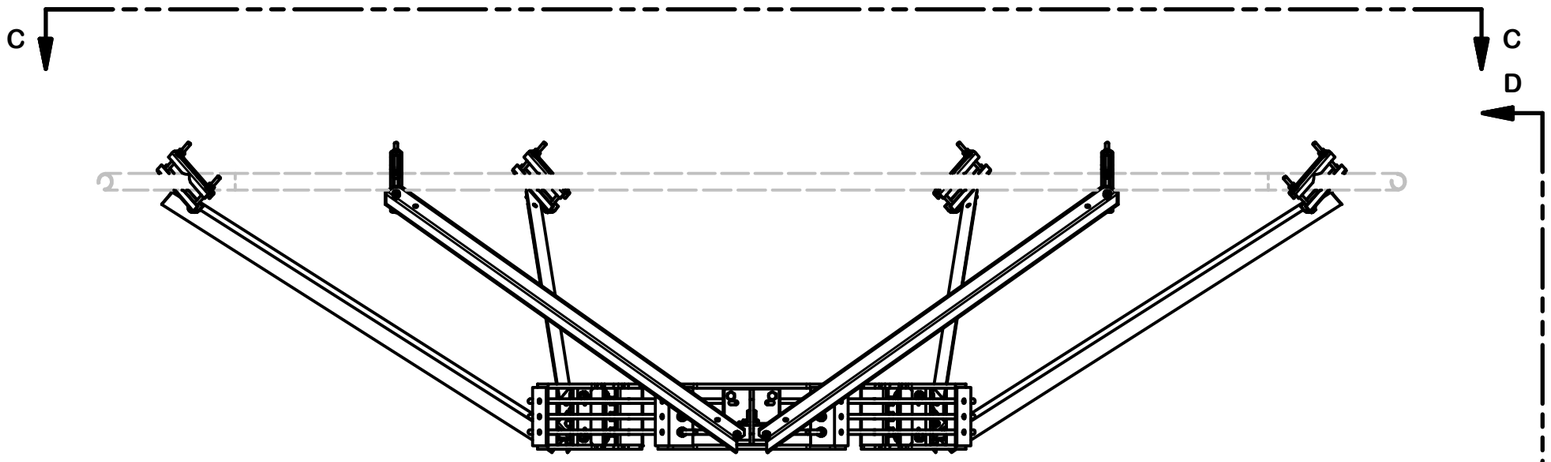
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	SHOP	BMC 9/8/2017	PRK-SFS-L

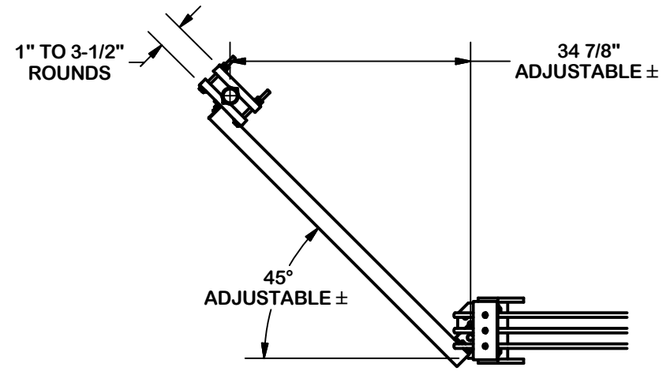
SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX



PARTIAL VIEW C-C

VERTICAL POSITION





PARTIAL VIEW D-D

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

TOLERANCE NOTES

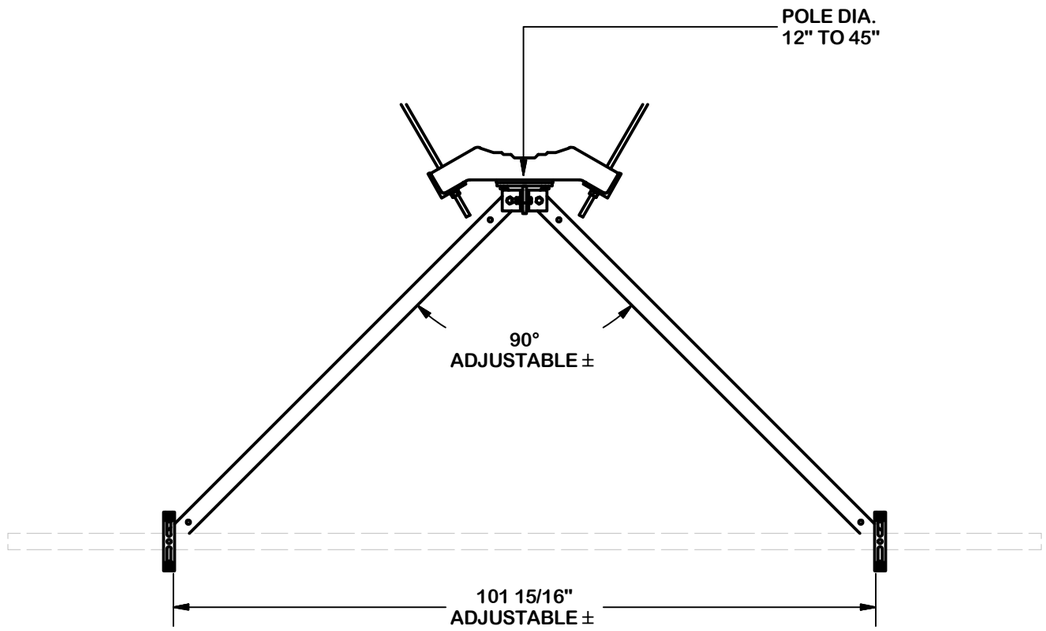
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION: HANDRAIL REINFORCEMENT KIT (LONG)

SITE PRO 1 — A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

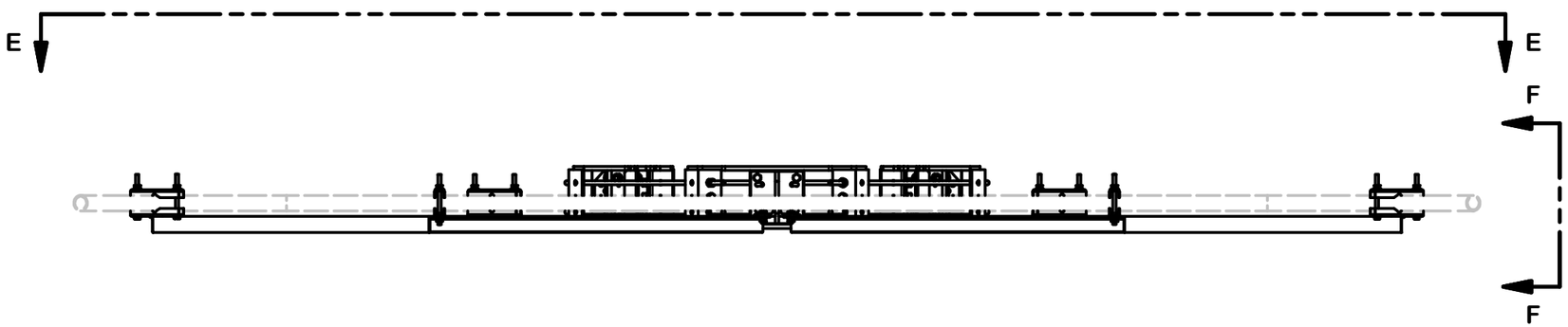
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
SP1	CSL3 2/23/2017	3RD PARTY	PRK-SFS-L

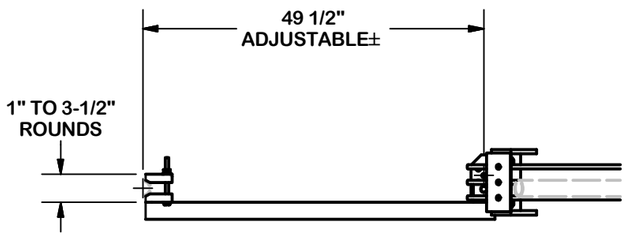
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	SHOP	BMC 9/8/2017	PRK-SFS-L



PARTIAL VIEW E-E

HORIZONTAL POSITION





PARTIAL VIEW F-F

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

DESCRIPTION
HANDRAIL REINFORCEMENT KIT (LONG)

CPD NO.	DRAWN BY	ENG. APPROVAL
SP1	CSL3 2/23/2017	3RD PARTY

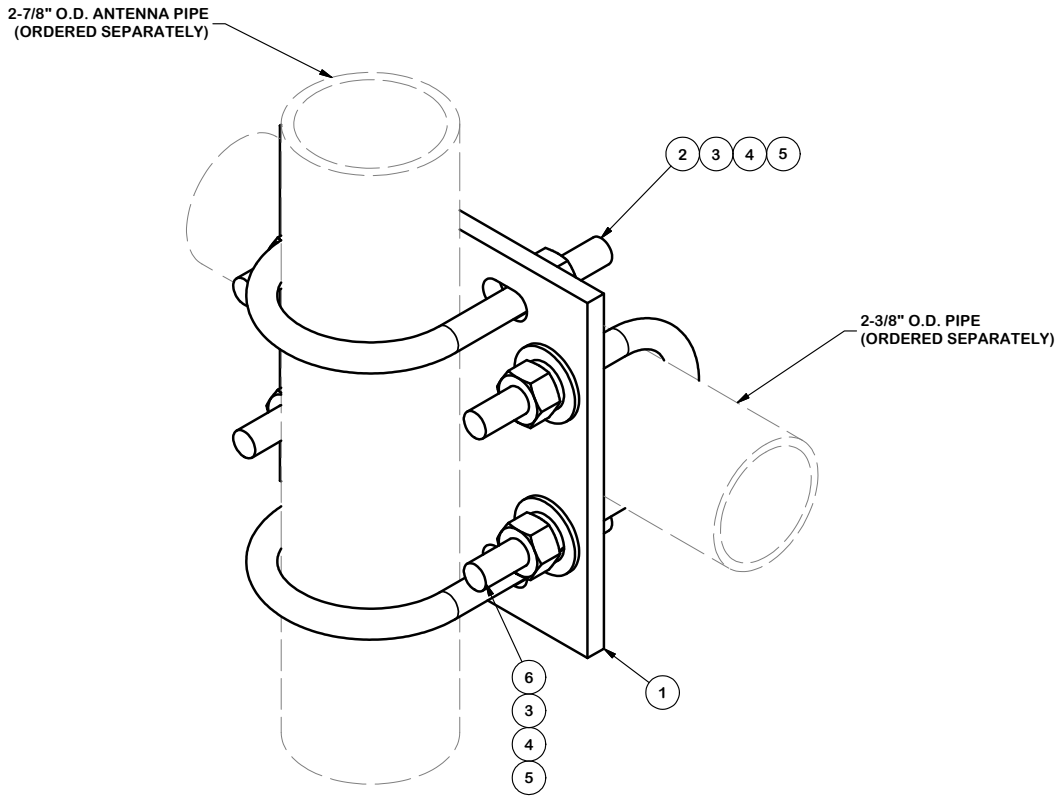
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	02	SHOP	BMC 9/8/2017

SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

PART NO. PRK-SFS-L

DWG. NO. PRK-SFS-L

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX2	CROSSOVER PLATE	7 in	4.80	4.80
2	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.66	1.31
3	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
4	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
5	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
6	2	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	1.25
					TOTAL WT. #	8.39



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION: CROSSOVER PLATE KIT

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 6/30/2011		SCX2-K	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
		SHOP	BMC 7/1/2011	SCX2-K

Exhibit D

Structural Analysis Report

Date: **October 23, 2019**

Amanda D Brown
Crown Castle
3530 Toringdon Way
Charlotte, NC 28277

Crown Castle
2000 Corporate Drive
Canonsburg, PA
(724) 416-2000

Subject:	**Structural Analysis Report**	
Carrier Designation:	***AT&T Mobility* Co-Locate**	
	Carrier Site Number:	10041788
	Carrier Site Name:	WOODBURY- NORTH MAIN
Crown Castle Designation:	**Crown Castle BU Number:**	876379
	Crown Castle Site Name:	N. WOODBURY / WOLFF PARCEL
	Crown Castle JDE Job Number:	574664
	Crown Castle Work Order Number:	1784586
	Crown Castle Order Number:	492778 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number:**	1784586
Site Data:	**1440 Main Street North, Woodbury, Litchfield County, CT** **Latitude *41° 35' 23.81"*, Longitude *-73° 10' 11.52"*** **163 Foot - Monopole Tower**	

Dear Amanda D Brown,

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

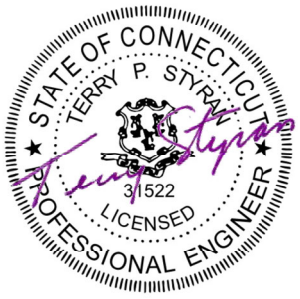
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity – 56.3%**

This analysis utilizes an ultimate 3-second gust wind speed of 120 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Mishka Stueber / MA

Respectfully submitted by:



Terry P. Styran, P.E.
Senior Project Engineer

10/23/2019

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 163 ft Monopole tower designed by Engineered Endeavors Incorporated.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	120 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)
118.0	119.0	6	cci antennas	DMP65R-BU6D w/ Mount Pipe	2 4 12	3/8 7/8 1-5/8
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14		
		3	ericsson	RRUS 8843 B2/B66A		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		3	powerwave technologies	TT19-08BP111-001		
		1	raycap	DC6-48-60-0-8C-EV		
		1	raycap	DC6-48-60-18-8F		
	118.0	1	tower mounts	Platform Mount [LP 401-1]		
		1	sitepro	PRK-SFS-L kit		
		3	generic	P2.5SCH40 x 15'-6"		
		12	sitepro	SCX2-K crossover 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)
160.0	171.0	1	sinclair	SC229-SFXLDF	1	1/2
	160.0	1	tower mounts	Pipe Mount [PM 601-1]		
156.0	158.0	3	alcatel lucent	TD-RRH-4x20-2500	4	1-1/4
	156.0	3	alcatel lucent	1900MHz RRH (65MHz)		
		3	alcatel lucent	800 EXTERNAL NOTCH FILTER		
		3	alcatel lucent	800MHZ RRH		
		9	rfs celwave	ACU-A20-N		
		3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	rfs celwave	APXVTM14-ALU-I20 w/ Mount Pipe		
		1	tower mounts	Platform Mount [LP 602-1]		
148.0	150.0	3	alcatel lucent	RRH2x60-700	13	1-5/8
		6	andrew	SBNHH-1D65B w/ Mount Pipe		
		3	antel	BXA-70063-6CF-2 w/ Mount Pipe		
		6	antel	LPA-80080/6CF w/ Mount Pipe		
		1	raycap	RXXDC-3315-PF-48		
	148.0	1	tower mounts	Platform Mount [LP 401-1]		
141.0	142.0	12	decibel	DB846G90A-XY w/ Mount Pipe	12	1-5/8
	141.0	1	tower mounts	Platform Mount [LP 303-1]		
120.0	121.0	6	ericsson	TME-RRUS-11	-	-
	120.0	1	tower mounts	Side Arm Mount [SO 104-3]		
108.0	110.0	1	telewave	ANT150D6-9	1	1/2
22.0	24.0	1	lucent	KS24019-L112A	1	1/2
	22.0	1	tower mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
4-GEOTECHNICAL REPORTS	Dr. Clarence Welti, P.E., P.C.	1531966	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	Engineered Endeavors Incorporated	1614612	CCISITES
4-TOWER MANUFACTURER DRAWINGS	Engineered Endeavors Incorporated	1613543	CCISITES

3.1) Analysis Method

tnxTower (version 8.0.5.0), 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.

3.2) Assumptions

1) Tower and structures were built and maintained in accordance with the manufacturer's specifications.
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. Crown Castle 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	163 - 121.58	Pole	TP42.37x34.28x0.3125	1	-13.72	2492.98	16.9	Pass
L2	121.58 - 84.663	Pole	TP48.83x40.6057x0.375	2	-28.89	3448.83	35.5	Pass
L3	84.663 - 42.2	Pole	TP56.25x46.7974x0.4375	3	-44.59	4636.16	46.2	Pass
L4	42.2 - 0	Pole	TP63.5x53.916x0.5	4	-68.86	6141.33	51.8	Pass
							Summary	
						Pole (L4)	51.8	Pass
						Rating =	51.8	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	56.3	Pass
1	Base Plate	0	51.1	Pass
1	Base Foundation (Structure)	0	51.3	Pass
1	Base Foundation (Soil Interaction)	0	28.4	Pass

Structure Rating (max from all components) =	56.3%

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.

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

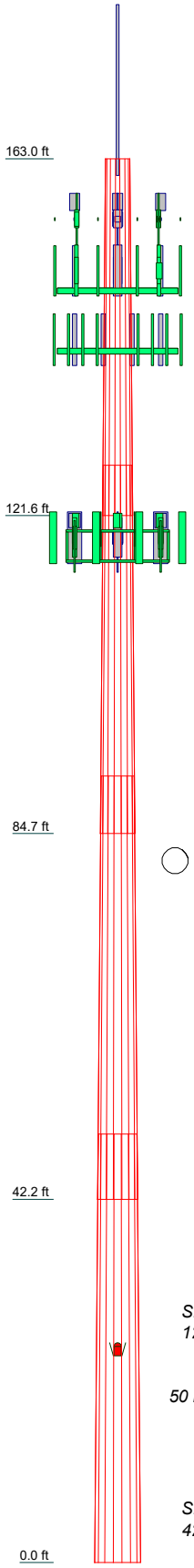
TNXTOWER OUTPUT

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 120 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: 51.8%



ALL REACTIONS ARE FACTORED

AXIAL 112 K

SHEAR 12 K *MOMENT 1357 kip-ft*

TORQUE 1 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 69 K

SHEAR 42 K *MOMENT 4717 kip-ft*

TORQUE 2 kip-ft
REACTIONS - 120 mph WIND

Section	1	2	3	4
Length (ft)	41.42	42.75	49.13	49.78
Number of Sides	18	18	18	18
Thickness (in)	0.3125	0.3750	0.4375	0.5000
Socket Length (ft)	5.83	6.67	7.58	
Top Dia (in)	34.2800	40.6057	46.7974	53.9160
Bot Dia (in)	42.3700	48.8300	56.2500	63.5000
Grade	A572-65			
Weight (K)	5.3	7.7	11.9	15.6

Total Weight (K): 40.5

CROWN CASTLE
The Pathway to Possible

Crown Castle
2000 Corporate Drive
Canonsburg, PA
Phone: (724) 416-2000
FAX:

Job: *876379*			
Project:			
Client: Crown Castle	Drawn by: Mishka Stueber	App'd:	
Code: TIA-222-H	Date: 10/23/19	Scale: NTS	
Path: \\netapp4_svm.us.crowncastle.com\CAD\SA Models - Letters\Work Area\MStueber\2. WIP\876379 WO 1784586\876379.eri		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:

3) Tower is located in Litchfield County, Connecticut.
4) Tower base elevation above sea level: 490.00 ft.
5) Basic wind speed of 120 mph.
6) Risk Category II.
7) Exposure Category C.
8) Simplified Topographic Factor Procedure for wind speed-up calculations is used.
9) Topographic Category: 1.
10) Crest Height: 0.00 ft.
11) Nominal ice thickness of 1.5000 in.
12) Ice thickness is considered to increase with height.
13) Ice density of 56 pcf.
14) A wind speed of 50 mph is used in combination with ice.
15) Temperature drop of 50 °F.
16) Deflections calculated using a wind speed of 60 mph.
17) A non-linear (P-delta) analysis was used.
18) Pressures are calculated at each section.
19) Stress ratio used in pole design is 1.05.
20) 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	163.00-121.58	41.42	5.83	18	34.2800	42.3700	0.3125	1.2500	A572-65 (65 ksi)
L2	121.58-84.66	42.75	6.67	18	40.6057	48.8300	0.3750	1.5000	A572-65 (65 ksi)

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	84.66-42.20	49.13	7.58	18	46.7974	56.2500	0.4375	1.7500	A572-65 (65 ksi)
L4	42.20-0.00	49.78		18	53.9160	63.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	34.7606	33.6915	4911.1720	12.0585	17.4142	282.0205	9828.8063	16.8490	5.4833	17.546
	42.9754	41.7158	9322.3361	14.9304	21.5240	433.1144	18656.9387	20.8619	6.9071	22.103
L2	42.3137	47.8846	9791.4961	14.2819	20.6277	474.6769	19595.8761	23.9469	6.4866	17.298
	49.5254	57.6736	17107.6924	17.2015	24.8056	689.6695	34237.8956	28.8423	7.9341	21.158
L3	48.7543	64.3765	17480.3376	16.4578	23.7731	735.2997	34983.6764	32.1944	7.4663	17.066
	57.0503	77.5026	30501.1953	19.8134	28.5750	1067.4084	61042.5248	38.7587	9.1300	20.869
L4	56.1530	84.7712	30558.3040	18.9627	27.3893	1115.7005	61156.8174	42.3937	8.6092	17.218
	64.4025	99.9810	50134.4235	22.3650	32.2580	1554.1702	100334.8152	50.0000	10.2960	20.592

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 163.00-121.58				1	1	1			
L2 121.58-84.66				1	1	1			
L3 84.66-42.20				1	1	1			
L4 42.20-0.00				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
*** 22 ***										
LDF4-50A(1/2)	A	No	Surface Ar (CaAa)	22.00 - 0.00	1	1	-0.500 -0.480	0.6300		0.15
****** ***										

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
*** 160 ***								

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
LDF4-50A(1/2)	B	No	No	Inside Pole	160.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
							2" Ice	0.00	0.15
*** 156 ***									
HB114-1-0813U4-M5J(1-1/4)	A	No	No	Inside Pole	156.00 - 0.00	3	No Ice	0.00	1.20
							1/2" Ice	0.00	1.20
							1" Ice	0.00	1.20
							2" Ice	0.00	1.20
HB114-21U3M12-XXXF(1-1/4)	A	No	No	Inside Pole	156.00 - 0.00	1	No Ice	0.00	1.22
							1/2" Ice	0.00	1.22
							1" Ice	0.00	1.22
							2" Ice	0.00	1.22
*** 148 ***									
LDF7-50A(1-5/8)	A	No	No	Inside Pole	148.00 - 0.00	13	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
*** 141 - AB ***									
LDF7-50A(1-5/8)	A	No	No	Inside Pole	141.00 - 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
*** 118 P ***									
FB-L98B-002-75000(3/8)	C	No	No	Inside Pole	118.00 - 0.00	2	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
WR-VG86ST-BRDA(7/8)	C	No	No	Inside Pole	118.00 - 0.00	4	No Ice	0.00	0.68
							1/2" Ice	0.00	0.68
							1" Ice	0.00	0.68
							2" Ice	0.00	0.68
LCF158-50A(1-5/8)	C	No	No	Inside Pole	118.00 - 0.00	12	No Ice	0.00	0.80
							1/2" Ice	0.00	0.80
							1" Ice	0.00	0.80
							2" Ice	0.00	0.80
*** 108 ***									
LDF4-50A(1/2)	B	No	No	Inside Pole	108.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
							2" Ice	0.00	0.15
****** ***									

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	163.00-121.58	A	0.000	0.000	0.000	0.000	0.64
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.00
L2	121.58-84.66	A	0.000	0.000	0.000	0.000	0.93
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.41
L3	84.66-42.20	A	0.000	0.000	0.000	0.000	1.08
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.53
L4	42.20-0.00	A	0.000	0.000	1.386	0.000	1.07
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.52

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	163.00-121.58	A	1.735	0.000	0.000	0.000	0.000	0.64
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.00
L2	121.58-84.66	A	1.681	0.000	0.000	0.000	0.000	0.93
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.41
L3	84.66-42.20	A	1.601	0.000	0.000	0.000	0.000	1.08
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.53
L4	42.20-0.00	A	1.437	0.000	0.000	8.430	0.000	1.17
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.52

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	163.00-121.58	0.0000	0.0000	0.0000	0.0000
L2	121.58-84.66	0.0000	0.0000	0.0000	0.0000
L3	84.66-42.20	0.0000	0.0000	0.0000	0.0000
L4	42.20-0.00	-0.2412	0.1326	-0.8289	0.4557

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
L3	17	LDF4-50A(1/2)	42.20 - 22.00	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
*** 160 ***									
SC229-SFXLDF	A	From Leg	1.00 0.00 11.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 7.97 10.00 14.12	5.95 7.97 10.00 14.12	0.03 0.07 0.13 0.28
Pipe Mount [PM 601-1]	A	From Leg	0.50 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.32 1.58 1.84 2.40	1.32 1.58 1.84 2.40	0.07 0.08 0.09 0.13

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" Ice			
*** 156 ***									
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	156.00	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
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	156.00	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
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	156.00	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
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.60 5.05 5.50 6.44	4.01 4.45 4.89 5.82	0.10 0.16 0.23 0.42
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	156.00	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 0.00	0.0000	156.00	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
1900MHz RRH (65MHz)	A	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.31 2.52 2.73 3.17	2.38 2.58 2.79 3.24	0.06 0.08 0.11 0.18
1900MHz RRH (65MHz)	B	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.31 2.52 2.73 3.17	2.38 2.58 2.79 3.24	0.06 0.08 0.11 0.18
1900MHz RRH (65MHz)	C	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.31 2.52 2.73 3.17	2.38 2.58 2.79 3.24	0.06 0.08 0.11 0.18
(3) TD-RRH-4x20-2500	A	From Leg	4.00 0.00 2.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.76 2.97 3.19 3.66	1.14 1.30 1.47 1.83	0.10 0.12 0.14 0.19
(3) ACU-A20-N	A	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.07 0.10 0.15 0.26	0.12 0.16 0.21 0.34	0.00 0.00 0.00 0.01
(3) ACU-A20-N	B	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.07 0.10 0.15 0.26	0.12 0.16 0.21 0.34	0.00 0.00 0.00 0.01
(3) ACU-A20-N	C	From Leg	4.00 0.00 0.00	0.0000	156.00	No Ice 1/2" Ice Ice	0.07 0.10 0.15	0.12 0.16 0.21	0.00 0.00 0.00

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	0.26	0.34	0.01
						2" Ice			
800MHZ RRH	A	From Leg	4.00	0.0000	156.00	No Ice	2.13	1.77	0.05
			0.00			1/2"	2.32	1.95	0.07
			0.00			Ice	2.51	2.13	0.10
						1" Ice	2.92	2.51	0.16
						2" Ice			
800MHZ RRH	B	From Leg	4.00	0.0000	156.00	No Ice	2.13	1.77	0.05
			0.00			1/2"	2.32	1.95	0.07
			0.00			Ice	2.51	2.13	0.10
						1" Ice	2.92	2.51	0.16
						2" Ice			
800MHZ RRH	C	From Leg	4.00	0.0000	156.00	No Ice	2.13	1.77	0.05
			0.00			1/2"	2.32	1.95	0.07
			0.00			Ice	2.51	2.13	0.10
						1" Ice	2.92	2.51	0.16
						2" Ice			
800 EXTERNAL NOTCH FILTER	A	From Leg	4.00	0.0000	156.00	No Ice	0.66	0.32	0.01
			0.00			1/2"	0.76	0.40	0.02
			0.00			Ice	0.87	0.48	0.02
						1" Ice	1.11	0.67	0.04
						2" Ice			
800 EXTERNAL NOTCH FILTER	B	From Leg	4.00	0.0000	156.00	No Ice	0.66	0.32	0.01
			0.00			1/2"	0.76	0.40	0.02
			0.00			Ice	0.87	0.48	0.02
						1" Ice	1.11	0.67	0.04
						2" Ice			
800 EXTERNAL NOTCH FILTER	C	From Leg	4.00	0.0000	156.00	No Ice	0.66	0.32	0.01
			0.00			1/2"	0.76	0.40	0.02
			0.00			Ice	0.87	0.48	0.02
						1" Ice	1.11	0.67	0.04
						2" Ice			
(2) 6' x 2" Mount Pipe	A	From Leg	4.00	0.0000	156.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			0.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
(2) 6' x 2" Mount Pipe	B	From Leg	4.00	0.0000	156.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			0.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
(2) 6' x 2" Mount Pipe	C	From Leg	4.00	0.0000	156.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			0.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
Platform Mount [LP 602-1]	C	None		0.0000	156.00	No Ice	31.07	31.07	1.34
						1/2"	34.82	34.82	1.97
						Ice	38.48	38.48	2.67
						1" Ice	45.60	45.60	4.31
						2" Ice			
*** 148 ***									
(2) LPA-80080/6CF w/ Mount Pipe	A	From Leg	4.00	0.0000	148.00	No Ice	4.56	10.26	0.05
			0.00			1/2"	5.11	11.43	0.11
			2.00			Ice	5.61	12.31	0.19
						1" Ice	6.65	14.13	0.36
						2" Ice			
(2) LPA-80080/6CF w/ Mount Pipe	B	From Leg	4.00	0.0000	148.00	No Ice	4.56	10.26	0.05
			0.00			1/2"	5.11	11.43	0.11
			2.00			Ice	5.61	12.31	0.19
						1" Ice	6.65	14.13	0.36
						2" Ice			
(2) LPA-80080/6CF w/ Mount Pipe	C	From Leg	4.00	0.0000	148.00	No Ice	4.56	10.26	0.05
			0.00			1/2"	5.11	11.43	0.11

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	5.61	12.31	0.19
						1" Ice	6.65	14.13	0.36
						2" Ice			
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
BXA-70063-6CF-2 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.81 8.36 8.87 9.93	5.80 6.95 7.82 9.60	0.04 0.10 0.17 0.34
BXA-70063-6CF-2 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.81 8.36 8.87 9.93	5.80 6.95 7.82 9.60	0.04 0.10 0.17 0.34
BXA-70063-6CF-2 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.81 8.36 8.87 9.93	5.80 6.95 7.82 9.60	0.04 0.10 0.17 0.34
RRH2x60-700	A	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.50 3.76 4.03 4.58	1.82 2.05 2.29 2.79	0.06 0.08 0.11 0.17
RRH2x60-700	B	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.50 3.76 4.03 4.58	1.82 2.05 2.29 2.79	0.06 0.08 0.11 0.17
RRH2x60-700	C	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.50 3.76 4.03 4.58	1.82 2.05 2.29 2.79	0.06 0.08 0.11 0.17
RXXDC-3315-PF-48	B	From Leg	4.00 0.00 2.00	0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.01 3.23 3.46 3.93	1.96 2.15 2.35 2.76	0.02 0.05 0.08 0.15
Platform Mount [LP 401-1]	C	None		0.0000	148.00	No Ice 1/2" Ice 1" Ice 2" Ice	24.04 28.93 33.88 43.93	24.04 28.93 33.88 43.93	1.65 2.17 2.76 4.16
*** 141 AB ***									
(4) DB846G90A-XY w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	141.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.23 5.78 6.30 7.37	7.53 8.72 9.62 11.45	0.04 0.10 0.16 0.32
(4) DB846G90A-XY w/	B	From Leg	4.00	0.0000	141.00	No Ice	5.23	7.53	0.04

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
Mount Pipe			0.00 1.00			1/2" Ice 1" Ice 2" Ice	5.78 6.30 7.37	8.72 9.62 11.45	0.10 0.16 0.32
(4) DB846G90A-XY w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	141.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.23 5.78 6.30 7.37	7.53 8.72 9.62 11.45	0.04 0.10 0.16 0.32
Platform Mount [LP 303-1]	C	None		0.0000	141.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 18.01 21.34 28.08	14.69 18.01 21.34 28.08	1.25 1.57 1.94 2.85
*** 120 ***									
(2) TME-RRUS-11	A	From Leg	1.00 0.00 1.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.96 3.23 3.50 4.09	1.67 1.98 2.30 3.02	0.06 0.08 0.12 0.19
(2) TME-RRUS-11	B	From Leg	1.00 0.00 1.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.96 3.23 3.50 4.09	1.67 1.98 2.30 3.02	0.06 0.08 0.12 0.19
(2) TME-RRUS-11	C	From Leg	1.00 0.00 1.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.96 3.23 3.50 4.09	1.67 1.98 2.30 3.02	0.06 0.08 0.12 0.19
4' x 2" Pipe Mount	A	From Leg	0.50 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.79 1.03 1.28 1.81	0.79 1.03 1.28 1.81	0.03 0.04 0.04 0.07
4' x 2" Pipe Mount	B	From Leg	0.50 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.79 1.03 1.28 1.81	0.79 1.03 1.28 1.81	0.03 0.04 0.04 0.07
4' x 2" Pipe Mount	C	From Leg	0.50 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.79 1.03 1.28 1.81	0.79 1.03 1.28 1.81	0.03 0.04 0.04 0.07
Side Arm Mount [SO 104-3]	C	None		0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.62 3.30 3.98 5.35	2.62 3.30 3.98 5.35	0.29 0.41 0.53 0.77
*** 118 P ***									
7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29

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" Ice			
(2) DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.95 13.55 14.11 15.26	7.26 8.43 9.31 11.13	0.10 0.20 0.30 0.53
(2) DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.95 13.55 14.11 15.26	7.26 8.43 9.31 11.13	0.10 0.20 0.30 0.53
(2) DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.95 13.55 14.11 15.26	7.26 8.43 9.31 11.13	0.10 0.20 0.30 0.53
RRUS 4478 B14	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
TT19-08BP111-001	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.55 0.64 0.74 0.97	0.44 0.53 0.63 0.84	0.02 0.02 0.03 0.05
TT19-08BP111-001	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.55 0.64 0.74 0.97	0.44 0.53 0.63 0.84	0.02 0.02 0.03 0.05
TT19-08BP111-001	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.55 0.64 0.74 0.97	0.44 0.53 0.63 0.84	0.02 0.02 0.03 0.05
RRUS 4449 B5/B12	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 8843 B2/B66A	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16

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" Ice			
RRUS 8843 B2/B66A	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 8843 B2/B66A	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
DC6-48-60-18-8F	B	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	0.02 0.04 0.07 0.13
DC6-48-60-0-8C-EV	C	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.74 2.96 3.20 3.68	4.78 5.06 5.35 5.95	0.03 0.06 0.10 0.20
6' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
Platform Mount [LP 401-1_KCKR]	C	None		0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	35.26 43.15 51.27 68.18	35.26 43.15 51.27 68.18	1.92 2.58 3.36 5.24
Miscellaneous [NA 510-1]	C	None		0.0000	118.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.36 8.52 10.62 14.64	6.36 8.52 10.62 14.64	0.26 0.34 0.46 0.77
*** 108 ***									
ANT150D6-9	A	From Leg	2.00 0.00 2.00	0.0000	108.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.84 6.42 9.00 14.16	3.84 6.42 9.00 14.16	0.00 0.00 0.00 0.00
*** 22 ***									
KS24019-L112A	A	From Leg	3.00 0.00 2.00	0.0000	22.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.10 0.18 0.26 0.42	0.10 0.18 0.26 0.42	0.01 0.01 0.01 0.01
Side Arm Mount [SO 701-1]	A	From Leg	1.50 0.00 0.00	0.0000	22.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
****** ***									

Load Combinations

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	163 - 121.58	Pole	Max Tension	2	0.00	-0.00	-0.00
			Max. Compression	26	-34.11	-0.65	3.84
			Max. Mx	8	-13.74	-387.14	1.66

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-13.72	0.36	395.09
			Max. Vy	8	18.38	-387.14	1.66
			Max. Vx	2	-18.57	0.36	395.09
			Max. Torque	21			-1.69
L2	121.58 - 84.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.79	-0.32	3.00
			Max. Mx	8	-28.91	-1338.27	-0.16
			Max. My	2	-28.89	2.11	1354.19
			Max. Vy	8	30.60	-1338.27	-0.16
			Max. Vx	2	-30.83	2.11	1354.19
			Max. Torque	21			-1.50
L3	84.663 - 42.2	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-82.15	-0.32	3.00
			Max. Mx	8	-44.60	-2728.89	-2.44
			Max. My	2	-44.59	4.44	2754.53
			Max. Vy	8	36.21	-2728.89	-2.44
			Max. Vx	2	-36.45	4.44	2754.53
			Max. Torque	21			-1.49
L4	42.2 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-111.98	-0.10	3.66
			Max. Mx	8	-68.86	-4680.08	-4.82
			Max. My	2	-68.86	7.19	4716.84
			Max. Vy	8	41.80	-4680.08	-4.82
			Max. Vx	2	-41.99	7.19	4716.84
			Max. Torque	21			-1.74

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	111.98	0.01	11.92
	Max. H_x	20	68.88	41.76	0.05
	Max. H_z	2	68.88	0.05	41.96
	Max. M_x	2	4716.84	0.05	41.96
	Max. M_z	8	4680.08	-41.76	-0.05
	Max. Torsion	9	1.74	-41.76	-0.05
	Min. Vert	19	51.66	36.14	-20.93
	Min. H_x	8	68.88	-41.76	-0.05
	Min. H_z	14	68.88	-0.05	-41.96
	Min. M_x	14	-4711.99	-0.05	-41.96
	Min. M_z	20	-4679.98	41.76	0.05
	Min. Torsion	21	-1.74	41.76	0.05

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	57.40	0.00	0.00	-1.94	-0.04	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	68.88	-0.05	-41.96	-4716.84	7.19	-0.31
0.9 Dead+1.0 Wind 0 deg - No Ice	51.66	-0.05	-41.96	-4682.30	7.15	-0.31
1.2 Dead+1.0 Wind 30 deg - No Ice	68.88	20.83	-36.31	-4081.62	-2333.78	-1.13
0.9 Dead+1.0 Wind 30 deg - No Ice	51.66	20.83	-36.31	-4051.65	-2317.00	-1.14
1.2 Dead+1.0 Wind 60 deg -	68.88	36.14	-20.93	-2353.38	-4049.45	-1.65

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
No Ice						
0.9 Dead+1.0 Wind 60 deg - No Ice	51.66	36.14	-20.93	-2335.84	-4020.34	-1.66
1.2 Dead+1.0 Wind 90 deg - No Ice	68.88	41.76	0.05	4.82	-4680.08	-1.73
0.9 Dead+1.0 Wind 90 deg - No Ice	51.66	41.76	0.05	5.39	-4646.43	-1.74
1.2 Dead+1.0 Wind 120 deg - No Ice	68.88	36.19	21.02	2361.07	-4056.68	-1.35
0.9 Dead+1.0 Wind 120 deg - No Ice	51.66	36.19	21.02	2344.69	-4027.52	-1.36
1.2 Dead+1.0 Wind 150 deg - No Ice	68.88	20.93	36.36	4084.01	-2346.32	-0.60
0.9 Dead+1.0 Wind 150 deg - No Ice	51.66	20.93	36.36	4055.24	-2329.45	-0.61
1.2 Dead+1.0 Wind 180 deg - No Ice	68.88	0.05	41.96	4711.99	-7.30	0.31
0.9 Dead+1.0 Wind 180 deg - No Ice	51.66	0.05	41.96	4678.70	-7.23	0.31
1.2 Dead+1.0 Wind 210 deg - No Ice	68.88	-20.83	36.31	4076.78	2333.68	1.14
0.9 Dead+1.0 Wind 210 deg - No Ice	51.66	-20.83	36.31	4048.06	2316.92	1.14
1.2 Dead+1.0 Wind 240 deg - No Ice	68.88	-36.14	20.93	2348.53	4049.35	1.66
0.9 Dead+1.0 Wind 240 deg - No Ice	51.66	-36.14	20.93	2332.25	4020.26	1.67
1.2 Dead+1.0 Wind 270 deg - No Ice	68.88	-41.76	-0.05	-9.67	4679.98	1.74
0.9 Dead+1.0 Wind 270 deg - No Ice	51.66	-41.76	-0.05	-8.99	4646.36	1.74
1.2 Dead+1.0 Wind 300 deg - No Ice	68.88	-36.19	-21.02	-2365.92	4056.58	1.35
0.9 Dead+1.0 Wind 300 deg - No Ice	51.66	-36.19	-21.02	-2348.29	4027.44	1.35
1.2 Dead+1.0 Wind 330 deg - No Ice	68.88	-20.93	-36.36	-4088.86	2346.22	0.60
0.9 Dead+1.0 Wind 330 deg - No Ice	51.66	-20.93	-36.36	-4058.83	2329.37	0.60
1.2 Dead+1.0 Ice+1.0 Temp	111.98	0.00	-0.00	-3.66	-0.10	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	111.98	-0.01	-11.92	-1357.30	1.30	-0.01
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	111.98	5.94	-10.32	-1175.28	-672.19	-0.42
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	111.98	10.29	-5.95	-679.40	-1165.59	-0.72
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	111.98	11.89	0.01	-2.53	-1346.71	-0.82
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	111.98	10.30	5.97	673.95	-1167.01	-0.70
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	111.98	5.95	10.33	1168.79	-674.65	-0.40
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	111.98	0.01	11.92	1349.39	-1.54	0.01
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	111.98	-5.94	10.32	1167.37	671.94	0.42
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	111.98	-10.29	5.95	671.49	1165.34	0.72
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	111.98	-11.89	-0.01	-5.37	1346.46	0.82
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	111.98	-10.30	-5.97	-681.86	1166.77	0.70
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	111.98	-5.95	-10.33	-1176.70	674.40	0.40
Dead+Wind 0 deg - Service	57.40	-0.01	-9.38	-1051.97	1.57	-0.07
Dead+Wind 30 deg - Service	57.40	4.66	-8.12	-910.49	-519.79	-0.26
Dead+Wind 60 deg - Service	57.40	8.08	-4.68	-525.59	-901.89	-0.37
Dead+Wind 90 deg - Service	57.40	9.34	0.01	-0.40	-1042.33	-0.39
Dead+Wind 120 deg -	57.40	8.10	4.70	524.36	-903.50	-0.30

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
Service						
Dead+Wind 150 deg - Service	57.40	4.68	8.13	908.08	-522.58	-0.14
Dead+Wind 180 deg - Service	57.40	0.01	9.38	1047.94	-1.65	0.07
Dead+Wind 210 deg - Service	57.40	-4.66	8.12	906.47	519.71	0.26
Dead+Wind 240 deg - Service	57.40	-8.08	4.68	521.57	901.80	0.37
Dead+Wind 270 deg - Service	57.40	-9.34	-0.01	-3.62	1042.25	0.39
Dead+Wind 300 deg - Service	57.40	-8.10	-4.70	-528.39	903.42	0.30
Dead+Wind 330 deg - Service	57.40	-4.68	-8.13	-912.11	522.50	0.13

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	-57.40	0.00	0.00	57.40	0.00	0.000%
2	-0.05	-68.88	-41.96	0.05	68.88	41.96	0.000%
3	-0.05	-51.66	-41.96	0.05	51.66	41.96	0.000%
4	20.83	-68.88	-36.31	-20.83	68.88	36.31	0.000%
5	20.83	-51.66	-36.31	-20.83	51.66	36.31	0.000%
6	36.14	-68.88	-20.93	-36.14	68.88	20.93	0.000%
7	36.14	-51.66	-20.93	-36.14	51.66	20.93	0.000%
8	41.76	-68.88	0.05	-41.76	68.88	-0.05	0.000%
9	41.76	-51.66	0.05	-41.76	51.66	-0.05	0.000%
10	36.19	-68.88	21.02	-36.19	68.88	-21.02	0.000%
11	36.19	-51.66	21.02	-36.19	51.66	-21.02	0.000%
12	20.93	-68.88	36.36	-20.93	68.88	-36.36	0.000%
13	20.93	-51.66	36.36	-20.93	51.66	-36.36	0.000%
14	0.05	-68.88	41.96	-0.05	68.88	-41.96	0.000%
15	0.05	-51.66	41.96	-0.05	51.66	-41.96	0.000%
16	-20.83	-68.88	36.31	20.83	68.88	-36.31	0.000%
17	-20.83	-51.66	36.31	20.83	51.66	-36.31	0.000%
18	-36.14	-68.88	20.93	36.14	68.88	-20.93	0.000%
19	-36.14	-51.66	20.93	36.14	51.66	-20.93	0.000%
20	-41.76	-68.88	-0.05	41.76	68.88	0.05	0.000%
21	-41.76	-51.66	-0.05	41.76	51.66	0.05	0.000%
22	-36.19	-68.88	-21.02	36.19	68.88	21.02	0.000%
23	-36.19	-51.66	-21.02	36.19	51.66	21.02	0.000%
24	-20.93	-68.88	-36.36	20.93	68.88	36.36	0.000%
25	-20.93	-51.66	-36.36	20.93	51.66	36.36	0.000%
26	0.00	-111.98	0.00	0.00	111.98	0.00	0.000%
27	-0.01	-111.98	-11.92	0.01	111.98	11.92	0.000%
28	5.94	-111.98	-10.32	-5.94	111.98	10.32	0.000%
29	10.29	-111.98	-5.95	-10.29	111.98	5.95	0.000%
30	11.89	-111.98	0.01	-11.89	111.98	-0.01	0.000%
31	10.30	-111.98	5.97	-10.30	111.98	-5.97	0.000%
32	5.95	-111.98	10.33	-5.95	111.98	-10.33	0.000%
33	0.01	-111.98	11.92	-0.01	111.98	-11.92	0.000%
34	-5.94	-111.98	10.32	5.94	111.98	-10.32	0.000%
35	-10.29	-111.98	5.95	10.29	111.98	-5.95	0.000%
36	-11.89	-111.98	-0.01	11.89	111.98	0.01	0.000%
37	-10.30	-111.98	-5.97	10.30	111.98	5.97	0.000%
38	-5.95	-111.98	-10.33	5.95	111.98	10.33	0.000%
39	-0.01	-57.40	-9.38	0.01	57.40	9.38	0.000%
40	4.66	-57.40	-8.12	-4.66	57.40	8.12	0.000%
41	8.08	-57.40	-4.68	-8.08	57.40	4.68	0.000%
42	9.34	-57.40	0.01	-9.34	57.40	-0.01	0.000%
43	8.10	-57.40	4.70	-8.10	57.40	-4.70	0.000%
44	4.68	-57.40	8.13	-4.68	57.40	-8.13	0.000%
45	0.01	-57.40	9.38	-0.01	57.40	-9.38	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	-4.66	-57.40	8.12	4.66	57.40	-8.12	0.000%
47	-8.08	-57.40	4.68	8.08	57.40	-4.68	0.000%
48	-9.34	-57.40	-0.01	9.34	57.40	0.01	0.000%
49	-8.10	-57.40	-4.70	8.10	57.40	4.70	0.000%
50	-4.68	-57.40	-8.13	4.68	57.40	8.13	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	0.00013520
3	Yes	4	0.00000001	0.00007238
4	Yes	5	0.00000001	0.00019069
5	Yes	5	0.00000001	0.00008900
6	Yes	5	0.00000001	0.00019817
7	Yes	5	0.00000001	0.00009280
8	Yes	4	0.00000001	0.00030926
9	Yes	4	0.00000001	0.00019607
10	Yes	5	0.00000001	0.00019024
11	Yes	5	0.00000001	0.00008886
12	Yes	5	0.00000001	0.00019667
13	Yes	5	0.00000001	0.00009198
14	Yes	4	0.00000001	0.00011921
15	Yes	4	0.00000001	0.00005933
16	Yes	5	0.00000001	0.00019649
17	Yes	5	0.00000001	0.00009201
18	Yes	5	0.00000001	0.00018791
19	Yes	5	0.00000001	0.00008782
20	Yes	4	0.00000001	0.00034996
21	Yes	4	0.00000001	0.00022306
22	Yes	5	0.00000001	0.00019889
23	Yes	5	0.00000001	0.00009304
24	Yes	5	0.00000001	0.00019358
25	Yes	5	0.00000001	0.00009033
26	Yes	4	0.00000001	0.00000001
27	Yes	5	0.00000001	0.00017606
28	Yes	5	0.00000001	0.00020034
29	Yes	5	0.00000001	0.00020075
30	Yes	5	0.00000001	0.00017440
31	Yes	5	0.00000001	0.00019833
32	Yes	5	0.00000001	0.00019948
33	Yes	5	0.00000001	0.00017422
34	Yes	5	0.00000001	0.00019877
35	Yes	5	0.00000001	0.00019760
36	Yes	5	0.00000001	0.00017422
37	Yes	5	0.00000001	0.00020107
38	Yes	5	0.00000001	0.00020068
39	Yes	4	0.00000001	0.00002413
40	Yes	4	0.00000001	0.00008606
41	Yes	4	0.00000001	0.00009640
42	Yes	4	0.00000001	0.00002883
43	Yes	4	0.00000001	0.00008475
44	Yes	4	0.00000001	0.00009185
45	Yes	4	0.00000001	0.00002392
46	Yes	4	0.00000001	0.00009303
47	Yes	4	0.00000001	0.00008329
48	Yes	4	0.00000001	0.00002913
49	Yes	4	0.00000001	0.00009590
50	Yes	4	0.00000001	0.00008824

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	163 - 121.58	14.248	39	0.6748	0.0012
L2	127.413 - 84.663	9.303	39	0.6331	0.0006
L3	91.33 - 42.2	4.956	39	0.4929	0.0004
L4	49.783 - 0	1.527	39	0.2730	0.0002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
160.00	SC229-SFXLDF	39	13.822	0.6732	0.0011	158873
156.00	APXVTM14-ALU-I20 w/ Mount Pipe	39	13.254	0.6709	0.0011	113480
148.00	(2) LPA-80080/6CF w/ Mount Pipe	39	12.124	0.6650	0.0009	52957
141.00	(4) DB846G90A-XY w/ Mount Pipe	39	11.147	0.6576	0.0008	36107
120.00	(2) TME-RRUS-11	39	8.335	0.6123	0.0005	19333
118.00	7770.00 w/ Mount Pipe	39	8.080	0.6058	0.0005	18659
108.00	ANT150D6-9	39	6.844	0.5685	0.0005	15890
22.00	KS24019-L112A	39	0.456	0.1206	0.0001	18233

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	163 - 121.58	63.832	2	3.0172	0.0053
L2	127.413 - 84.663	41.707	2	2.8367	0.0028
L3	91.33 - 42.2	22.228	2	2.2107	0.0016
L4	49.783 - 0	6.849	2	1.2248	0.0007

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
160.00	SC229-SFXLDF	2	61.925	3.0105	0.0051	36298
156.00	APXVTM14-ALU-I20 w/ Mount Pipe	2	59.385	3.0008	0.0048	25927
148.00	(2) LPA-80080/6CF w/ Mount Pipe	2	54.333	2.9762	0.0041	12098
141.00	(4) DB846G90A-XY w/ Mount Pipe	2	49.964	2.9443	0.0036	8248
120.00	(2) TME-RRUS-11	2	37.375	2.7443	0.0025	4387
118.00	7770.00 w/ Mount Pipe	2	36.231	2.7154	0.0024	4228
108.00	ANT150D6-9	2	30.691	2.5489	0.0020	3579
22.00	KS24019-L112A	2	2.045	0.5409	0.0003	4066

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	163 - 121.58 (1)	TP42.37x34.28x0.3125	41.42	0.00	0.0	40.5858	-13.72	2374.27	0.006
L2	121.58 - 84.663 (2)	TP48.83x40.6057x0.375	42.75	0.00	0.0	56.1469	-28.89	3284.60	0.009
L3	84.663 - 42.2 (3)	TP56.25x46.7974x0.4375	49.13	0.00	0.0	75.4767	-44.59	4415.39	0.010
L4	42.2 - 0 (4)	TP63.5x53.916x0.5	49.78	0.00	0.0	99.9810	-68.86	5848.89	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	163 - 121.58 (1)	TP42.37x34.28x0.3125	395.10	2309.39	0.171	0.00	2309.39	0.000
L2	121.58 - 84.663 (2)	TP48.83x40.6057x0.375	1354.19	3734.22	0.363	0.00	3734.22	0.000
L3	84.663 - 42.2 (3)	TP56.25x46.7974x0.4375	2754.53	5807.87	0.474	0.00	5807.87	0.000
L4	42.2 - 0 (4)	TP63.5x53.916x0.5	4716.85	8875.75	0.531	0.00	8875.75	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	163 - 121.58 (1)	TP42.37x34.28x0.3125	18.57	712.28	0.026	0.40	2552.39	0.000
L2	121.58 - 84.663 (2)	TP48.83x40.6057x0.375	30.83	985.38	0.031	0.31	4070.72	0.000
L3	84.663 - 42.2 (3)	TP56.25x46.7974x0.4375	36.45	1324.62	0.028	0.31	6305.18	0.000
L4	42.2 - 0 (4)	TP63.5x53.916x0.5	41.99	1754.67	0.024	0.31	9680.92	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	163 - 121.58 (1)	0.006	0.171	0.000	0.026	0.000	0.178 ✔	1.050	4.8.2 ✔
L2	121.58 - 84.663 (2)	0.009	0.363	0.000	0.031	0.000	0.372 ✔	1.050	4.8.2 ✔
L3	84.663 - 42.2 (3)	0.010	0.474	0.000	0.028	0.000	0.485 ✔	1.050	4.8.2 ✔
L4	42.2 - 0 (4)	0.012	0.531	0.000	0.024	0.000	0.544 ✔	1.050	4.8.2 ✔

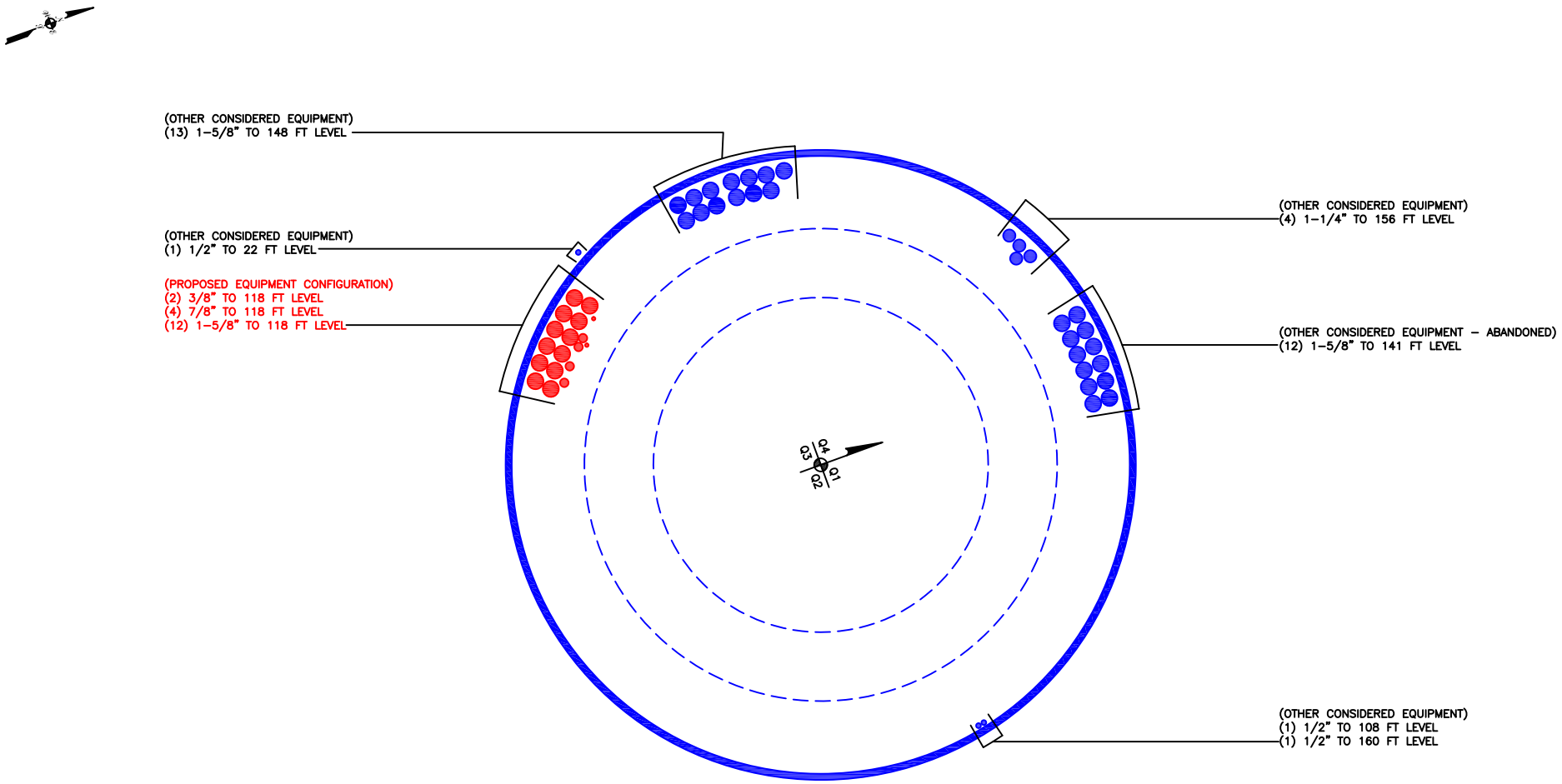
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	163 - 121.58	Pole	TP42.37x34.28x0.3125	1	-13.72	2492.98	16.9	Pass
L2	121.58 - 84.663	Pole	TP48.83x40.6057x0.375	2	-28.89	3448.83	35.5	Pass
L3	84.663 - 42.2	Pole	TP56.25x46.7974x0.4375	3	-44.59	4636.16	46.2	Pass
L4	42.2 - 0	Pole	TP63.5x53.916x0.5	4	-68.86	6141.33	51.8	Pass
							Summary	
						Pole (L4)	51.8	Pass
						RATING =	**51.8**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 876379 TOWER ID: C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

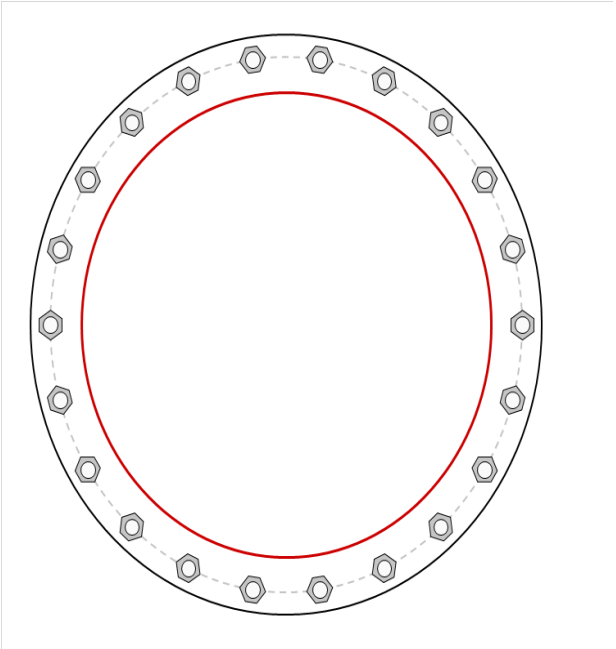
Monopole Base Plate Connection

Site Info	
BU #	876379
Site Name	OODBURY / WOLFF PA
Order #	492778 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	0.5

Applied Loads	
Moment (kip-ft)	4716.85
Axial Force (kips)	68.86
Shear Force (kips)	41.99

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(22) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 73" BC

Base Plate Data

79" OD x 2.5" Plate (A871 GR60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

63.5" x 0.5" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_c = 144.05	ϕPn_c = 243.75	**Stress Rating**
Vu = 1.91	ϕVn = 73.13	**56.3%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	28.97	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**51.1%**	**Pass**

Drilled Pier Foundation

BU # :	876379
Site Name:	N. WOODWAY / WOLI
Order Number:	492778 Rev. 0

TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	4717	
Axial Force (kips)	69	
Shear Force (kips)	42	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi

Pier Design Data		
Depth	28	ft
Ext. Above Grade	1	ft
Pier Section 1		
From 1' above grade to 28' below grade		
Pier Diameter	8	ft
Rebar Quantity	32	
Rebar Size	11	
Clear Cover to Ties	4	in
Tie Size	5	

Analysis Results		
Soil Lateral Capacity	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	7.60	-
Soil Safety Factor	4.47	-
Max Moment (kip-ft)	4987.71	-
Rating*	*28.4%*	-
Soil Vertical Capacity	*Compression*	*Uplift*
Skin Friction (kips)	557.95	-
End Bearing (kips)	1206.37	-
Weight of Concrete (kips)	211.57	-
Total Capacity (kips)	1764.32	-
Axial (kips)	280.57	-
Rating*	*15.1%*	-
Reinforced Concrete Capacity	*Compression*	*Uplift*
Critical Depth (ft from TOC)	7.29	-
Critical Moment (kip-ft)	4986.76	-
Critical Moment Capacity	9258.02	-
Rating*	*51.3%*	-

Soil Interaction Rating*	**28.4%**
Structural Foundation Rating*	**51.3%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐

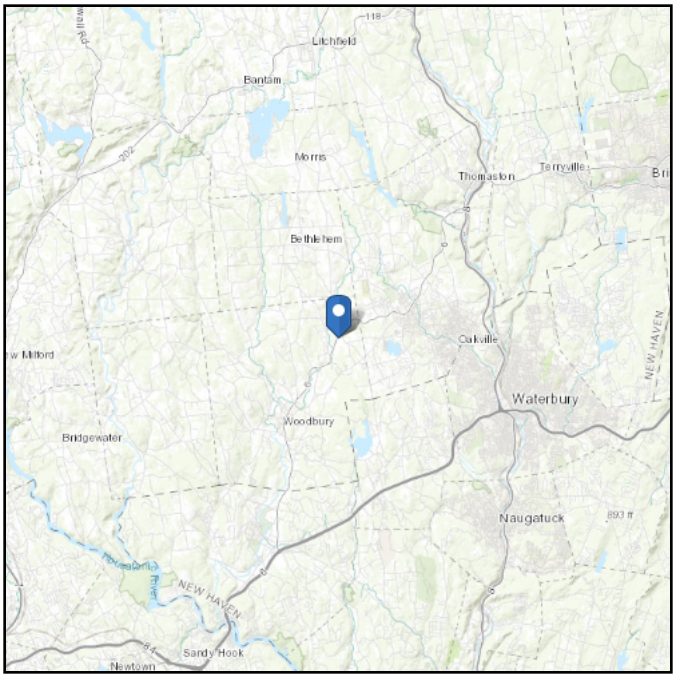
Soil Profile			
Groundwater Depth	14.5	ft	# of Layers: 4

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	4	4	135	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	4	14.5	10.5	135	150	0	38	0.000	0.000	0.80	0.80			Cohesionless
3	14.5	15	0.5	75	87.6	0	38	0.000	0.000	0.80	0.80			Cohesionless
4	15	28	13	75	87.6	0	38	0.000	0.000	1.60	1.60	32		Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	490.19 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.589947
Soil Class:	D - Stiff Soil	**Longitude:**	-73.169867



Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Tue Oct 22 2019

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

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

BU:	876379	Structure:	A
WO:	1784586		
Order:	492778	Rev:	0

Location

	Decimal Degrees		Deg	Min	Sec
Lat:	41.589947	+	41	35	23.81
Long:	-73.169867	-	73	10	11.52

Code and Site Parameters

Seismic Design Code:	ASCE 7-10	
Site Soil:	D	Stiff Soil (Default)
Risk Category:	II	

USGS Seismic Reference			
	S_S:	0.1940	g
	S_1:	0.0650	g
	T_L:	6	s

Seismic Design Category Determination

Importance Factor, I_e:	1	
Acceleration-based site coefficient, F_a:	1.6000	
Velocity-based site coefficient, F_v:	2.4000	
Design spectral response acceleration short period, S_{DS}:	0.2069	g
Design spectral response acceleration 1 s period, S_{D1}:	0.1040	g
Seismic Design Category Based on S_{DS}:	B	
Seismic Design Category Based on S_{D1}:	B	
Seismic Design Category Based on S_1:	N/A	
Controlling Seismic Design Category:	B	

Exhibit E

Mount Analysis

September 11, 2019

Charles McGuirt
Crown Castle
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Charlotte, NC 28277
(704) 405-6607

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
Structures@tepgroup.net

Subject:	**Mount Modification Analysis**	
Carrier Designation:	***AT&T Mobility* Reconfiguration**	
	Client Site Number:	10041788
	Client Site Name:	Woodbury-North Main
Crown Castle Designation:	**Crown Castle BU Number:**	876379
	Crown Castle Site Name:	N. Woodbury/Wolff Parcel
	Crown Castle JDE Job Number:	574664
	Crown Castle Order Number:	492778 Rev. 0
Engineering Firm Designation:	**TEP Project Number:**	25647.296680
Site Data:	**1440 Main Street North, Woodbury, Litchfield County, CT 06798** **Latitude *41° 35' 23.81"*, Longitude *-73° 10' 11.52"***	
Structure Information:	**Tower Height & Type:**	160.0± ft Monopole
	Mount Elevation:	118.0 ft
	Mount Width & Type:	15.5 ft Low Profile Platform

Dear Charles McGuirt,

Tower Engineering Professionals is pleased to submit this **"Mount Modification Analysis"** to determine the structural integrity of AT&T Mobility's antenna mounting system with proposed appurtenance and equipment addition on the above mentioned supporting tower structure. Analysis of the existing supporting tower structure is to be completed by others and therefore is not part of this analysis. Analysis of the antenna mounting system as a tie-off point for fall protection or rigging is not part of this document.

The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis, we have determined the mount stress level to be:

Low Profile Platform Mount **Sufficient Capacity**

The analysis has been performed in accordance with the 2018 International Building Code based upon an ultimate 3-second gust wind speed of 120 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Stephen J. Lee, P.E. / NPD

Respectfully submitted by:

Aaron T. Rucker, P.E.
Structural Division Manager

Electronic Copy

09/11/2019

TABLE OF CONTENTS

1) INTRODUCTION

The mount is an existing 15.5-ft Low Profile Platform mount, mapped by Tower Engineering Professionals.

2) ANALYSIS CRITERIA

Building Code:	2018 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	120 mph
Exposure Category:	C
Topographic Category at Base:	1.0
Topographic Category at Mount:	1.0
Ice Thickness:	1.00 in
Wind Speed with Ice:	50 mph
Seismic Design Category:	B
Seismic S_s:	0.190
Seismic S_1:	0.054
Live Loading Wind Speed:	30 mph
Live Loading at Mid/End-Points:	250 lb
Man Live Loading at Mount Pipes:	500 lb

Table 1 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details
118.0	119.0	6	CCI Antennas	DMP65R-BU6D	Low Profile Platform Mount w/ SitePro PRK-SFS-L kicker kit and additional face horizontals
		3	Powerwave Technologies	7770.00	
		3	Ericsson	RRUS 4449 B5/B12	
		3	Ericsson	RRUS 4478 B14	
		3	Ericsson	RRUS 8843 B2/B66A	
		3	Powerwave Technologies	TT19-08BP111-001	
		1	Raycap	DC6-48-60-0-8C-EV	
	118.0	1	Raycap	DC6-48-60-18-8F	

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Previous Mount Analysis	Tower Engineering Professionals	8632843	CCIsites
Mount Mapping	Tower Engineering Professionals	8505223	CCIsites
Loading Application	AT&T Mobility	Order 492778 Rev. 0	CCIsites

3.1) Analysis Method

RISA-3D (Version 17.0.1), a commercially available analysis software package, was used to create a three-dimensional model of the mount and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A and Appendix C.

TEP Mount Analysis Tool, a tool internally developed by TEP using Microsoft Excel, was used to calculate member loading for various load cases. Selected output from the analysis is included in Appendix B.

This analysis was performed in accordance with Crown Castle's ENG-SOW-10208 *Tower Mount Analysis (Revision C)*.

In addition, this analysis is in accordance with AT&T's *Mount Technical Directive – R14.1*.

3.2) Assumptions

1) The mount was built in accordance with the manufacturer's specifications.
2) The mount has been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, mounts and other appurtenances are as specified in Table 1. All mount components have been assumed to be in sufficient condition to carry their full design capacity for this analysis. Refer to the issued mapping for any structural and/or maintenance issues found during our site visit if applicable.
4) All mount components are in sufficient condition to carry their full design capacity.
5) TEP did not analyze the collar mount connection to the pole and assumes it to have sufficient structural capacity to transfer the applied forces from the mount to the tower.
6) All material grades used for this analysis, unless verified by mount manufacturer design, were assumed per AISC Table 2-4, 15th Edition. See RISA-3D output for confirmation on grades used in this analysis.

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

4) ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity (Low Profile Platform Mount)

Notes	Component	Critical Member	Mount Centerline (ft)	% Capacity	Pass / Fail
1	Face Horizontals	SF1-TH	118.0	67.3	Pass
1	Support Arms	CH-15	118.0	74.3	Pass
1	Internals	GSI-2	118.0	44.3	Pass
1	Mount Pipes	MP-12	118.0	63.3	Pass
1	Kickers	K5	118.0	26.7	Pass

Structure Rating (max from all components) =	74.3%

Notes:
1) See additional documentation in "Appendix C - Analysis Output" for calculations supporting the % capacity listed.

Table 4 - Tieback Connection Data Table

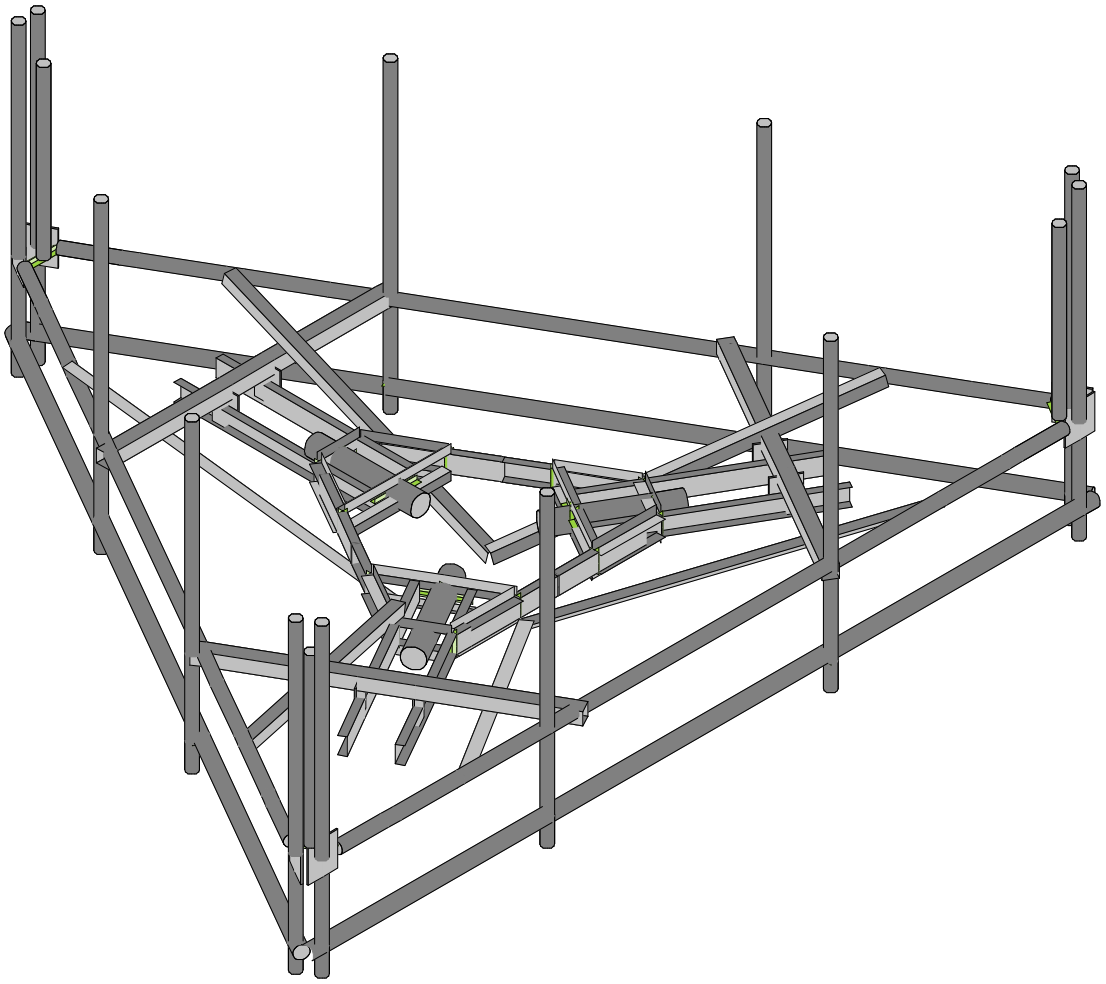
Tower Connection Node No.	Existing/ Proposed	Resultant End Reaction (lb)	Connected Member Type	Connected Member Size	Member Compressive Capacity (lb)	Notes
N/A						

4.1) Recommendations

1) If the load differs from that described in Table 1 of this report or the provisions of this analysis are found to be invalid, another structural analysis should be performed.
2) The modifications depicted in "Appendix D – Mount Modification Design Drawings" shall be installed and, upon completion, inspected. The mount has sufficient capacity to support the proposed loading configuration once the proposed modifications listed below are completed.
   a) Kicker Support, SitePro Part No. PRK-SFS-L
   b) (3) Additional Face Horizontals, P2.5SCH40 x 15'-6" w/ (12) SitePro SCX2-K Crossover kits

APPENDIX A

WIRE FRAME AND RENDERED MODELS



Envelope Only Solution

Tower Engineering Profess...		SK - 1
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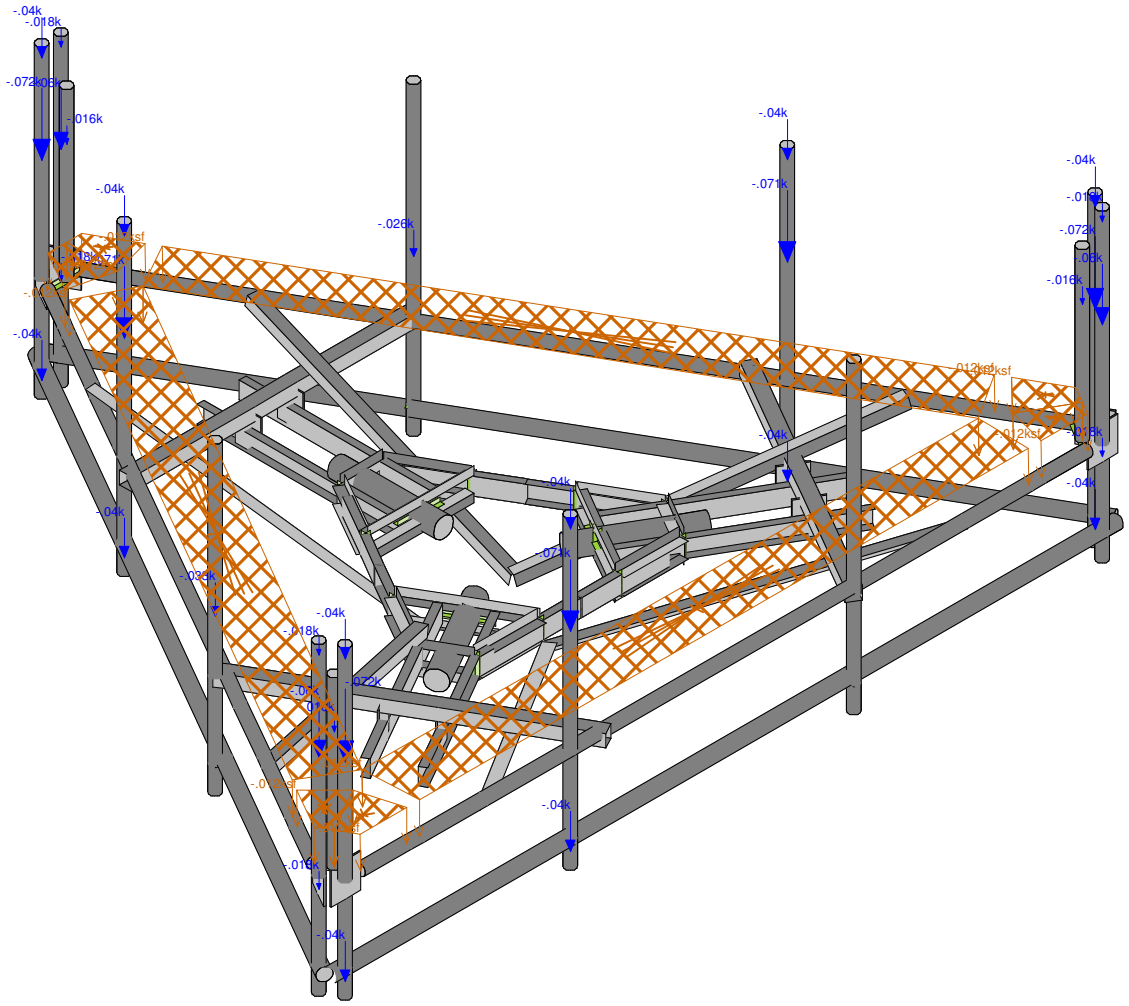
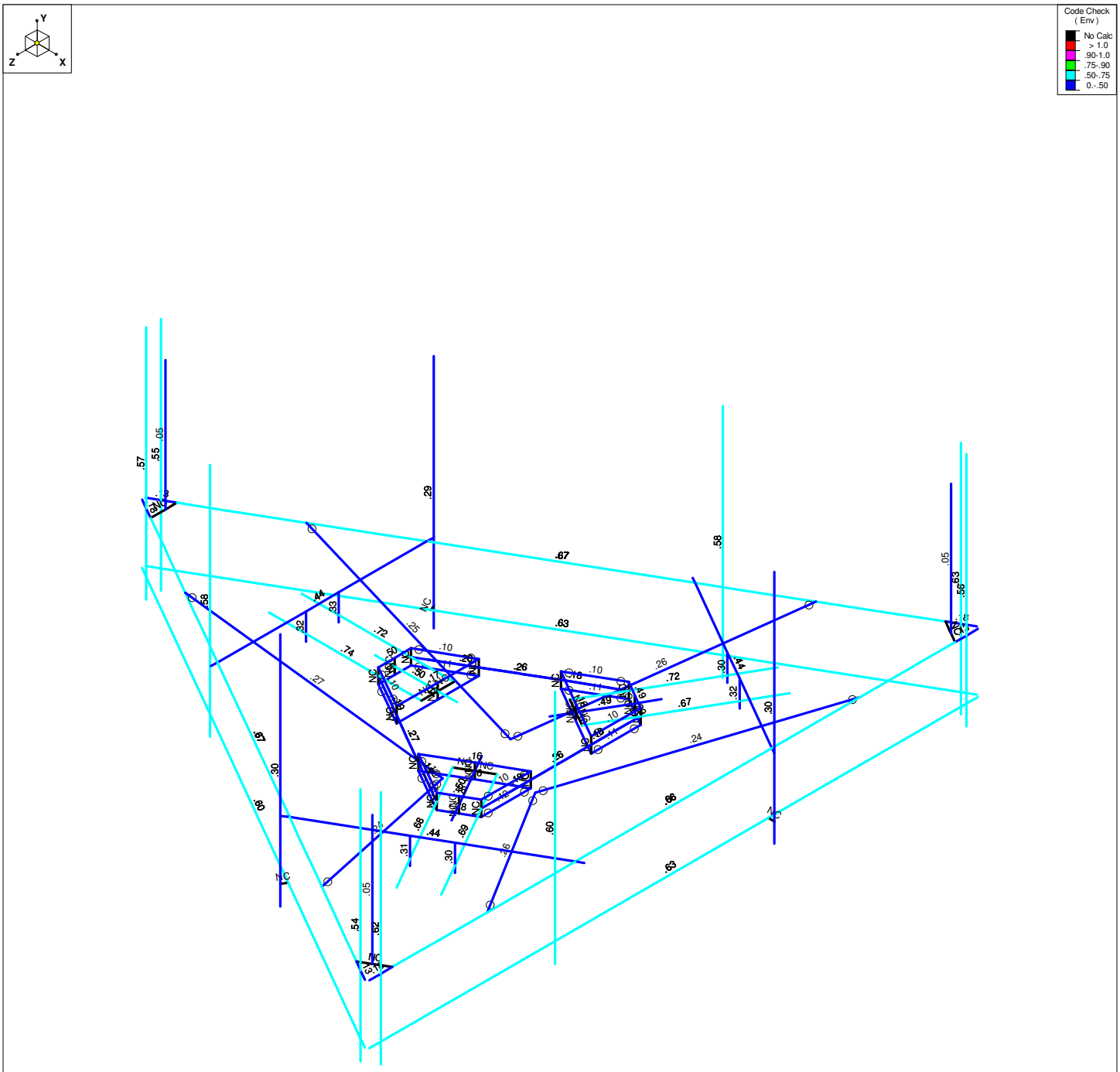
25647.296680		CCI BU No. 876379.r3d



Loads: BLC 1, Dead
Envelope Only Solution

Tower Engineering Profess...		SK - 2
SJL	CCI BU No. 876379	Sept 10, 2019 at 3:29 PM
25647.296680		CCI BU No. 876379.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Tower Engineering Profess...		SK - 3
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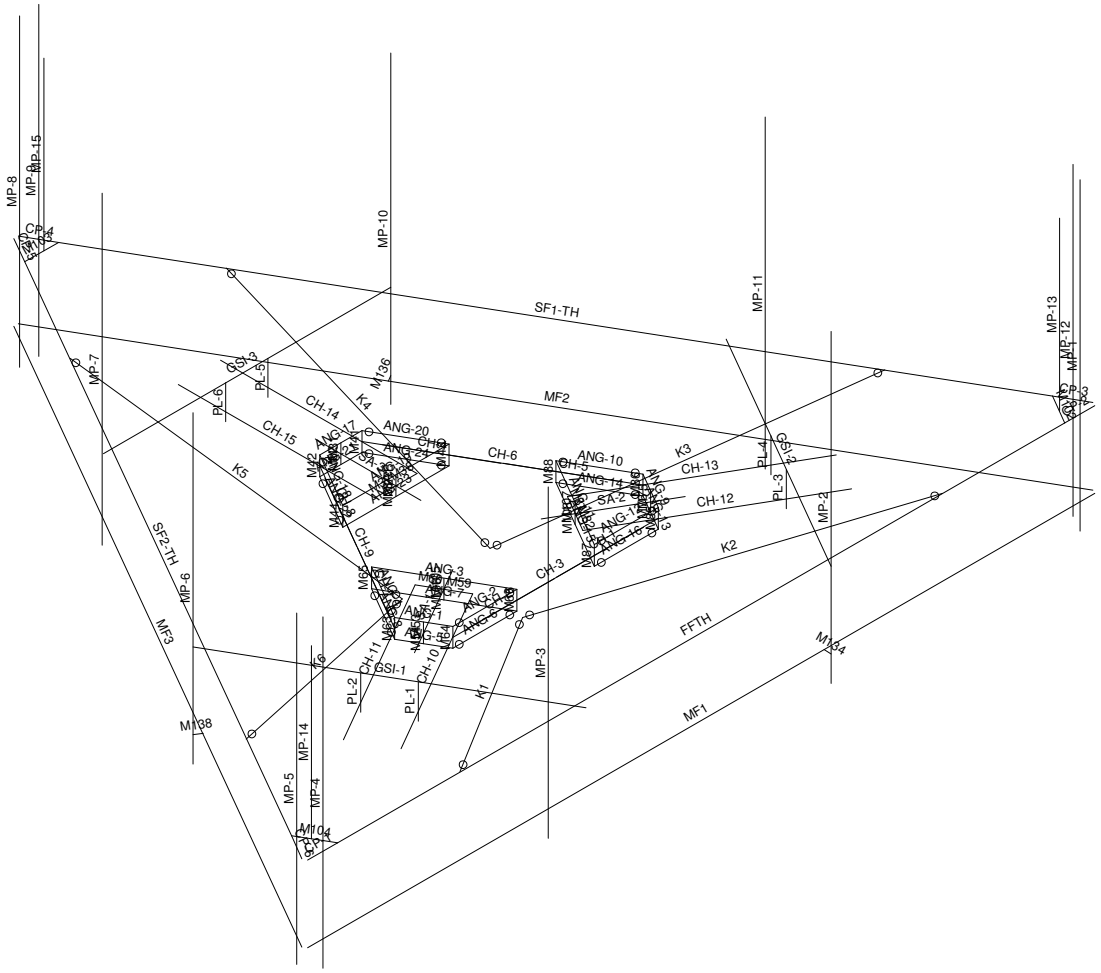

Envelope Only Solution

Tower Engineering Profess...		SK - 4
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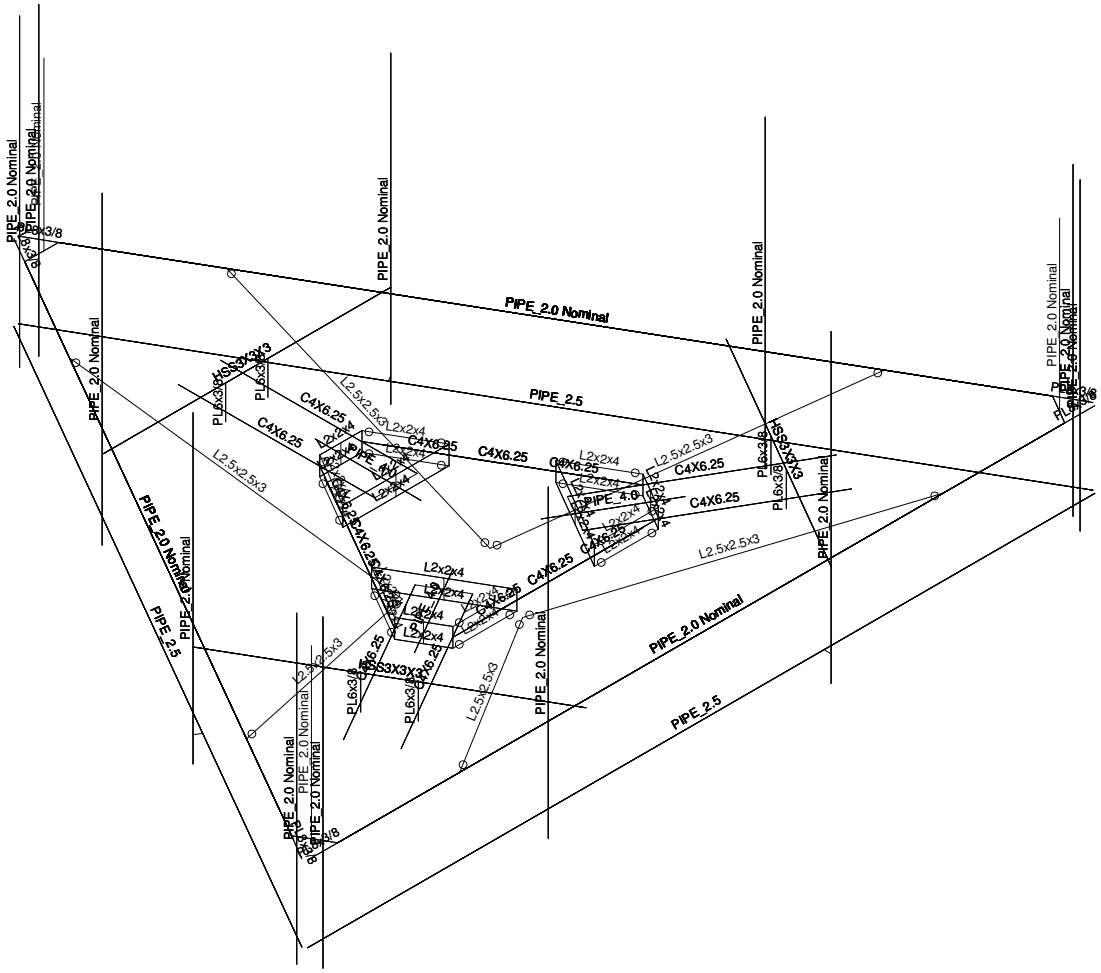
25647.296680		CCI BU No. 876379.r3d



Envelope Only Solution

Tower Engineering Profess...		SK - 5
SJL	CCI BU No. 876379	Sept 10, 2019 at 3:29 PM
25647.296680		CCI BU No. 876379.r3d

APPENDIX B

SOFTWARE INPUT CALCULATIONS

TOWER ENGINEERING PROFESSIONALS

CCI BU No. 876379

TEP No.	25647.296680	
Analysis By:	SJL	9/11/2019
Checked By:	NPD	9/11/2019

Code Revisions:	TIA-222-H	IBC 2018
Tower Type:	Monopole	

Wind Inputs:

Ult. Wind Velocity:	120.0	mph
Live Load Velocity:	30.0	mph
Ice Wind Velocity:	50.0	mph
Base Ice Thickness:	1.00	inches
Mount Centerline:	118.0	ft
Antenna Centerline:	119.0	ft
Exposure Category:	C	
Topo Category:	1	
Risk Category:	II	
Ground Elevation:	490.19	ft

Wind Calculations:

K_{zt}:	1.000	Section 2.6.6
K_d:	0.950	
$K_{z\text{-}Mount}$:	1.310	Section 2.6.5.2
$K_{z\text{-}Antenna}$:	1.313	Section 2.6.5.2
K_{iz}:	1.136	Section 2.6.10
Ice Thickness:	0.966	inches - Section 2.6.10
$K_{es\text{-}wind}$:	0.95	Annex S (Table S-1)
$K_{es\text{-}ice}$:	0.85	Annex S (Table S-1)

Without Ice - (psf)		With Ice - (psf)	
$(q_zG_h)_{Mount}$:	42.83	**$(q_zG_h)_{Mount}$:**	7.83
$(q_zG_h)_{Antenna}$:	42.91	**$(q_zG_h)_{Antenna}$:**	7.84

TOWER ENGINEERING PROFESSIONALS

CCI BU No. 876379

TEP No.	25647.296680	
Analysis By:	SJL	9/11/2019
Checked By:	NPD	9/11/2019

Antenna Loads are Calculated in Accordance with TIA-222-H

Azimuth is the absolute angle measured clockwise from RISA-3D global X-axis.

										Distance from start node of the member		
MFR	Model	Height (in)	Width (in)	Depth (in)	Wt. (lbs)	Azimuth°	Qty	Shape	Member Label	Location #1 (ft,%)	Location #2 (ft,%)	Location #3 (ft,%)
Powerwave Technologies	7770.00	55.00	11.00	5.00	35.00	0.00	1	Flat	MP-1	0.25	4.25	
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	0.00	1	Flat	MP-1	2.00		
CCI Antennas	DMP65R-BU6D	71.20	20.70	7.70	79.40	0.00	1	Flat	MP-3	0.25	5.75	
Powerwave Technologies	TT19-08BP111-001	9.90	6.70	5.40	16.00	0.00	1	Flat	MP-13	1.00		
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	0.00	1	Flat	MP-3	2.00		
CCI Antennas	DMP65R-BU6D	71.20	20.70	7.70	79.40	0.00	1	Flat	MP-4	0.25	5.75	
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	0.00	1	Flat	MP-4	2.00		
Powerwave Technologies	7770.00	55.00	11.00	5.00	35.00	120.00	1	Flat	MP-5	0.25	4.25	
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	120.00	1	Flat	MP-5	2.00		
CCI Antennas	DMP65R-BU6D	71.20	20.70	7.70	79.40	120.00	1	Flat	MP-7	0.25	5.75	
Powerwave Technologies	TT19-08BP111-001	9.90	6.70	5.40	16.00	120.00	1	Flat	MP-14	1.00		
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	120.00	1	Flat	MP-7	2.00		
CCI Antennas	DMP65R-BU6D	71.20	20.70	7.70	79.40	120.00	1	Flat	MP-8	0.25	5.75	
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	120.00	1	Flat	MP-8	2.00		
Powerwave Technologies	7770.00	55.00	11.00	5.00	35.00	240.00	1	Flat	MP-9	0.25	4.25	
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	240.00	1	Flat	MP-9	2.00		
CCI Antennas	DMP65R-BU6D	71.20	20.70	7.70	79.40	240.00	1	Flat	MP-11	0.25	5.75	
Powerwave Technologies	TT19-08BP111-001	9.90	6.70	5.40	16.00	240.00	1	Flat	MP-15	1.00		
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	240.00	1	Flat	MP-11	2.00		
CCI Antennas	DMP65R-BU6D	71.20	20.70	7.70	79.40	240.00	1	Flat	MP-12	0.25	5.75	
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	240.00	1	Flat	MP-12	2.00		
Raycap	DC6-48-60-18-8F	31.25	11.00	11.00	32.80	120.00	1	Round	MP-6	3.00		
Raycap	DC6-48-60-0-8C-EV	31.40	10.24	18.28	26.20	240.00	1	Flat	MP-10	3.00		

Member Forces are Calculated in Accordance with TIA-222-H

Member Name	Wind Proj. (in)	Length (in)	Shape	θ (°)	Perimeter (in)
ANG-1	2.000	10.00	Flat	30.00	8.00
ANG-2	2.000	15.13	Flat	90.00	8.00
ANG-3	2.000	25.13	Flat	30.00	8.00
ANG-4	2.000	15.13	Flat	-30.00	8.00
ANG-5	2.000	10.00	Flat	30.00	8.00
ANG-6	2.000	15.13	Flat	90.00	8.00
ANG-7	2.000	25.13	Flat	30.00	8.00
ANG-8	2.000	15.13	Flat	-30.00	8.00
ANG-9	2.000	10.00	Flat	-30.00	8.00
ANG-10	2.000	15.13	Flat	30.00	8.00
ANG-11	2.000	25.13	Flat	-30.00	8.00
ANG-12	2.000	15.13	Flat	90.00	8.00
ANG-13	2.000	10.00	Flat	-30.00	8.00
ANG-14	2.000	15.13	Flat	30.00	8.00
ANG-15	2.000	25.13	Flat	-30.00	8.00
ANG-16	2.000	15.13	Flat	90.00	8.00
ANG-17	2.000	10.00	Flat	90.00	8.00
ANG-18	2.000	15.13	Flat	-30.00	8.00
ANG-19	2.000	25.13	Flat	90.00	8.00
ANG-20	2.000	15.13	Flat	30.00	8.00
ANG-21	2.000	10.00	Flat	90.00	8.00
ANG-22	2.000	15.13	Flat	-30.00	8.00
ANG-23	2.000	25.13	Flat	90.00	8.00
ANG-24	2.000	15.13	Flat	30.00	8.00
CH-1	4.000	24.13	Flat	90.00	15.11
CH-2	4.000	24.13	Flat	90.00	15.11
CH-3	4.000	41.50	Flat	90.00	15.11
CH-4	4.000	24.13	Flat	30.00	15.11
CH-5	4.000	24.13	Flat	30.00	15.11
CH-6	4.000	41.50	Flat	30.00	15.11
CH-7	4.000	24.13	Flat	-30.00	15.11
CH-8	4.000	24.13	Flat	-30.00	15.11
CH-9	4.000	41.50	Flat	-30.00	15.11
CH-10	4.000	46.50	Flat	-60.00	15.11
CH-11	4.000	46.50	Flat	-60.00	15.11
CH-12	4.000	46.50	Flat	60.00	15.11
CH-13	4.000	46.50	Flat	60.00	15.11
CH-14	4.000	46.50	Flat	0.00	15.11

CH-15	4.000	46.50	Flat	0.00	15.11
CP-1	8.000	7.00	Flat	90.00	16.75
CP-2	8.000	7.00	Flat	90.00	16.75
CP-3	8.000	7.00	Flat	30.00	16.75
CP-4	8.000	7.00	Flat	30.00	16.75
CP-5	8.000	7.00	Flat	-30.00	16.75
CP-6	8.000	7.00	Flat	-30.00	16.75
FFTH	2.380	172.00	Round	90.00	7.48
SF1-TH	2.380	172.00	Round	30.00	7.48
SF2-TH	2.380	172.00	Round	-30.00	7.48
GSI-1	3.000	68.00	Flat	30.00	12.00
GSI-2	3.000	68.00	Flat	-30.00	12.00
GSI-3	3.000	68.00	Flat	90.00	12.00
K1	2.500	73.21	Flat		10.00
K2	2.500	73.21	Flat		10.00
K3	2.500	73.21	Flat		10.00
K4	2.500	73.21	Flat		10.00
K5	2.500	73.21	Flat		10.00
K6	2.500	73.21	Flat		10.00
MF1	2.875	186.00	Round	90.00	9.03
MF2	2.875	186.00	Round	30.00	9.03
MF3	2.875	186.00	Round	-30.00	9.03
MP-1	2.380	72.00	Round		7.48
MP-2	2.380	72.00	Round		7.48
MP-3	2.380	72.00	Round		7.48
MP-4	2.380	72.00	Round		7.48
MP-5	2.380	72.00	Round		7.48
MP-6	2.380	72.00	Round		7.48
MP-7	2.380	72.00	Round		7.48
MP-8	2.380	72.00	Round		7.48
MP-9	2.380	72.00	Round		7.48
MP-10	2.380	72.00	Round		7.48
MP-11	2.380	72.00	Round		7.48
MP-12	2.380	72.00	Round		7.48
MP-13	2.380	39.50	Round		7.48
MP-14	2.380	39.50	Round		7.48
MP-15	2.380	39.50	Round		7.48
PL-1	6.000	8.00	Flat		12.75
PL-2	6.000	8.00	Flat		12.75
PL-3	6.000	8.00	Flat		12.75
PL-4	6.000	8.00	Flat		12.75
PL-5	6.000	8.00	Flat		12.75
PL-6	6.000	8.00	Flat		12.75
SA-1	4.500	25.00	Round	-60.00	14.14
SA-2	4.500	25.00	Round	60.00	14.14
SA-3	4.500	25.00	Round	0.00	14.14

APPENDIX C

SOFTWARE ANALYSIS OUTPUT

(Global) Model Settings

Display Sections for Member Calcs	5
Max Internal Sections for Member Calcs	97
Include Shear Deformation?	Yes
Increase Nailing Capacity for Wind?	Yes
Include Warping?	Yes
Trans Load Btwn Intersecting Wood Wall?	Yes
Area Load Mesh (in^2)	144
Merge Tolerance (in)	.12
P-Delta Analysis Tolerance	0.50%
Include P-Delta for Walls?	Yes
Automatically Iterate Stiffness for Walls?	Yes
Max Iterations for Wall Stiffness	3
Gravity Acceleration (ft/sec^2)	32.2
Wall Mesh Size (in)	24
Eigensolution Convergence Tol. (1.E-)	4
Vertical Axis	Y
Global Member Orientation Plane	XZ
Static Solver	Sparse Accelerated
Dynamic Solver	Accelerated Solver

Hot Rolled Steel Code	AISC 15th(360-16): LRFD
Adjust Stiffness?	No
RISAConnection Code	None
Cold Formed Steel Code	None
Wood Code	None
Wood Temperature	< 100F
Concrete Code	None
Masonry Code	None
Aluminum Code	None - Building
Stainless Steel Code	None

Number of Shear Regions	4
Region Spacing Increment (in)	4
Biaxial Column Method	Exact Integration
Parme Beta Factor (PCA)	.65
Concrete Stress Block	Rectangular
Use Cracked Sections?	Yes
Use Cracked Sections Slab?	Yes
Bad Framing Warnings?	No
Unused Force Warnings?	Yes
Min 1 Bar Diam. Spacing?	No
Concrete Rebar Set	REBAR_SET_ASTMA615
Min % Steel for Column	1
Max % Steel for Column	8

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

Sept 11, 2019
2:39 PM
Checked By: NPD

(Global) Model Settings, Continued

Seismic Code	ASCE 7-10
Seismic Base Elevation (ft)	Not Entered
Add Base Weight?	Yes
Ct X	.02
Ct Z	.02
T X (sec)	Not Entered
T Z (sec)	Not Entered
R X	3
R Z	3
Ct Exp. X	.75
Ct Exp. Z	.75
SD1	1
SDS	1
S1	1
TL (sec)	5
Risk Cat	I or II
Drift Cat	Other
Om Z	1
Om X	1
Cd Z	1
Cd X	1
Rho Z	1
Rho X	1

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (\1E5 F)	Density[k/ft^3]	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	.49	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.49	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_2.0 Nominal	None	None	A53 Gr.B	Typical	1.077	.67	.67	1.34
2	Support Arm	PIPE 4.0	None	None	A53 Gr.B	Typical	2.96	6.82	6.82	13.6
3	Internal	HSS3X3X3	None	None	A500 Gr.B R...	Typical	1.89	2.46	2.46	4.03
4	Channel 1	C4X6.25	None	None	A36 Gr.36	Typical	1.84	.374	4.19	.055
5	Plate	PL6x3/8	None	None	A36 Gr.36	Typical	2.25	.026	6.75	.101
6	Corner Plate	PL8x3/8	None	None	A36 Gr.36	Typical	3	.035	16	.136
7	Mount Pipes	PIPE_2.0 Nominal	None	None	A53 Gr.B	Typical	1.077	.67	.67	1.34
8	Angle	L2x2x4	None	None	A36 Gr.36	Typical	.944	.346	.346	.021
9	Handrail	PIPE 2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Kicker	L2.5x2.5x3	None	None	A36 Gr.36	Typical	.901	.535	.535	.011
11	Mod Face	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Ru...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	CF1A	8CU1.25X057	Beam	None	A653 SS Gr33	Typical	.581	.057	4.41	.00063

Material Takeoff

	Material	Size	Pieces	Length[ft]	Weight[K]
1	General				
2	RIGID		36	11.7	0
3	Total General		36	11.7	0
4					
5	Hot Rolled Steel				
6	A36 Gr.36	C4X6.25	15	45.7	.3
7	A36 Gr.36	L2.5x2.5x3	6	36.6	.1
8	A36 Gr.36	L2x2x4	24	32.7	.1
9	A36 Gr.36	PL6x3/8	6	4	0
10	A36 Gr.36	PL8x3/8	6	3.5	0
11	A500 Gr.B Rect	HSS3X3X3	3	17	.1
12	A53 Gr.B	PIPE_2.0 Nominal	18	124.9	.5
13	A53 Gr.B	PIPE_2.5	3	46.5	.3
14	A53 Gr.B	PIPE_4.0	3	6.3	0
15	Total HR Steel		84	317.1	1.5

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	SA2	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	SA3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	SA1	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N237	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N240	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N243	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
1	ANG-1	N86	N84		270	Angle	None	None	A36 Gr....	Typical
2	ANG-2	N84	N77			Angle	None	None	A36 Gr....	Typical
3	ANG-3	N79	N77			Angle	None	None	A36 Gr....	Typical
4	ANG-4	N86	N79		270	Angle	None	None	A36 Gr....	Typical
5	ANG-5	N87	N85		180	Angle	None	None	A36 Gr....	Typical
6	ANG-6	N85	N78		90	Angle	None	None	A36 Gr....	Typical
7	ANG-7	N80	N78		90	Angle	None	None	A36 Gr....	Typical
8	ANG-8	N87	N80		180	Angle	None	None	A36 Gr....	Typical
9	ANG-9	N115	N113		270	Angle	None	None	A36 Gr....	Typical
10	ANG-10	N113	N106			Angle	None	None	A36 Gr....	Typical
11	ANG-11	N108	N106			Angle	None	None	A36 Gr....	Typical
12	ANG-12	N115	N108		270	Angle	None	None	A36 Gr....	Typical
13	ANG-13	N116	N114		180	Angle	None	None	A36 Gr....	Typical
14	ANG-14	N114	N107		90	Angle	None	None	A36 Gr....	Typical
15	ANG-15	N109	N107		90	Angle	None	None	A36 Gr....	Typical

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
16	ANG-16	N116	N109		180	Angle	None	None	A36 Gr....	Typical
17	ANG-17	N58	N56		270	Angle	None	None	A36 Gr....	Typical
18	ANG-18	N56	N49			Angle	None	None	A36 Gr....	Typical
19	ANG-19	N51	N49			Angle	None	None	A36 Gr....	Typical
20	ANG-20	N58	N51		270	Angle	None	None	A36 Gr....	Typical
21	ANG-21	N59	N57		180	Angle	None	None	A36 Gr....	Typical
22	ANG-22	N57	N50		90	Angle	None	None	A36 Gr....	Typical
23	ANG-23	N52	N50		90	Angle	None	None	A36 Gr....	Typical
24	ANG-24	N59	N52		180	Angle	None	None	A36 Gr....	Typical
25	CH-1	N129A	N124		180	Channel 1	None	None	A36 Gr....	Typical
26	CH-2	N94	N130A		180	Channel 1	None	None	A36 Gr....	Typical
27	CH-3	N131	N132		180	Channel 1	None	None	A36 Gr....	Typical
28	CH-4	N148	N67		180	Channel 1	None	None	A36 Gr....	Typical
29	CH-5	N123	N149		180	Channel 1	None	None	A36 Gr....	Typical
30	CH-6	N150	N151		180	Channel 1	None	None	A36 Gr....	Typical
31	CH-7	N154	N95		180	Channel 1	None	None	A36 Gr....	Typical
32	CH-8	N66	N155		180	Channel 1	None	None	A36 Gr....	Typical
33	CH-9	N156	N157		180	Channel 1	None	None	A36 Gr....	Typical
34	CH-10	N186B	N188		180	Channel 1	None	None	A36 Gr....	Typical
35	CH-11	N185B	N187			Channel 1	None	None	A36 Gr....	Typical
36	CH-12	N189	N191			Channel 1	None	None	A36 Gr....	Typical
37	CH-13	N190	N192		180	Channel 1	None	None	A36 Gr....	Typical
38	CH-14	N60	N62			Channel 1	None	None	A36 Gr....	Typical
39	CH-15	N61	N63		180	Channel 1	None	None	A36 Gr....	Typical
40	CP-1	N32A	N33A			Corner Plate	None	None	A36 Gr....	Typical
41	CP-2	N31A	N34A			Corner Plate	None	None	A36 Gr....	Typical
42	CP-3	N36	N37			Corner Plate	None	None	A36 Gr....	Typical
43	CP-4	N35	N38			Corner Plate	None	None	A36 Gr....	Typical
44	CP-5	N40	N41			Corner Plate	None	None	A36 Gr....	Typical
45	CP-6	N39	N42			Corner Plate	None	None	A36 Gr....	Typical
46	FFTH	N34A	N33A			Face Horizontal	None	None	A53 Gr.B	Typical
47	SF1-TH	N37	N38			Face Horizontal	None	None	A53 Gr.B	Typical
48	SF2-TH	N41	N42			Face Horizontal	None	None	A53 Gr.B	Typical
49	GSI-1	N31	N32			Internal	None	None	A500 Gr...	Typical
50	GSI-2	N34	N33			Internal	None	None	A500 Gr...	Typical
51	GSI-3	GSI3	GSI6			Internal	None	None	A500 Gr...	Typical
52	K1	N232	N237		90	Kicker	None	None	A36 Gr....	Typical
53	K2	N231	N237		180	Kicker	None	None	A36 Gr....	Typical
54	K3	N245	N240		90	Kicker	None	None	A36 Gr....	Typical
55	K4	N244	N240		180	Kicker	None	None	A36 Gr....	Typical
56	K5	N248	N243		90	Kicker	None	None	A36 Gr....	Typical
57	K6	N247	N243		180	Kicker	None	None	A36 Gr....	Typical
58	MF1	N241A	N242A			Mod Face	None	None	A53 Gr.B	Typical
59	MF2	N246	N247A			Mod Face	None	None	A53 Gr.B	Typical
60	MF3	N251	N252			Mod Face	None	None	A53 Gr.B	Typical
61	MP-1	MP-1A	MP-1B			Mount Pipes	None	None	A53 Gr.B	Typical
62	MP-2	N165	N162			Mount Pipes	None	None	A53 Gr.B	Typical
63	MP-3	MP-2A	MP-2B			Mount Pipes	None	None	A53 Gr.B	Typical
64	MP-4	MP-3A	MP-3B			Mount Pipes	None	None	A53 Gr.B	Typical
65	MP-5	MP-9A	MP-9B			Mount Pipes	None	None	A53 Gr.B	Typical
66	MP-6	N164	N161			Mount Pipes	None	None	A53 Gr.B	Typical
67	MP-7	MP-10A	MP-10B			Mount Pipes	None	None	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
68	MP-8	MP-11A	MP-11B			Mount Pipes	None	None	A53 Gr.B	Typical
69	MP-9	MP-17A	MP-17B			Mount Pipes	None	None	A53 Gr.B	Typical
70	MP-10	N163	N160			Mount Pipes	None	None	A53 Gr.B	Typical
71	MP-11	MP-18A	MP-18B			Mount Pipes	None	None	A53 Gr.B	Typical
72	MP-12	MP-19A	MP-19B			Mount Pipes	None	None	A53 Gr.B	Typical
73	MP-13	N159	N156A			Mount Pipes	None	None	A53 Gr.B	Typical
74	MP-14	N158	N155A			Mount Pipes	None	None	A53 Gr.B	Typical
75	MP-15	N157A	N154A			Mount Pipes	None	None	A53 Gr.B	Typical
76	PL-1	N101	N99		120	Plate	None	None	A36 Gr....	Typical
77	PL-2	N100	N98		120	Plate	None	None	A36 Gr....	Typical
78	PL-3	N129	N127		60	Plate	None	None	A36 Gr....	Typical
79	PL-4	N130	N128		60	Plate	None	None	A36 Gr....	Typical
80	PL-5	N72	N70			Plate	None	None	A36 Gr....	Typical
81	PL-6	N73	N71			Plate	None	None	A36 Gr....	Typical
82	M27B	N47	N46			RIGID	None	None	RIGID	Typical
83	M28A	N46	N48			RIGID	None	None	RIGID	Typical
84	M31	N53	N55			RIGID	None	None	RIGID	Typical
85	M32	N55	N54			RIGID	None	None	RIGID	Typical
86	M37	N46	N61			RIGID	None	None	RIGID	Typical
87	M38	N60	N46			RIGID	None	None	RIGID	Typical
88	M41	N58	N59			RIGID	None	None	RIGID	Typical
89	M42	N56	N57			RIGID	None	None	RIGID	Typical
90	M43	N51	N52			RIGID	None	None	RIGID	Typical
91	M44	N49	N50			RIGID	None	None	RIGID	Typical
92	M53	N81	N83			RIGID	None	None	RIGID	Typical
93	M54	N83	N82			RIGID	None	None	RIGID	Typical
94	M59	N181A	N186B			RIGID	None	None	RIGID	Typical
95	M60	N185B	N181A			RIGID	None	None	RIGID	Typical
96	M63	N86	N87			RIGID	None	None	RIGID	Typical
97	M64	N84	N85			RIGID	None	None	RIGID	Typical
98	M65	N79	N80			RIGID	None	None	RIGID	Typical
99	M66	N77	N78			RIGID	None	None	RIGID	Typical
100	M75	N110	N112			RIGID	None	None	RIGID	Typical
101	M76	N112	N111			RIGID	None	None	RIGID	Typical
102	M81	N184A	N190			RIGID	None	None	RIGID	Typical
103	M82	N189	N184A			RIGID	None	None	RIGID	Typical
104	M85	N115	N116			RIGID	None	None	RIGID	Typical
105	M86	N113	N114			RIGID	None	None	RIGID	Typical
106	M87	N108	N109			RIGID	None	None	RIGID	Typical
107	M88	N106	N107			RIGID	None	None	RIGID	Typical
108	M102	N37	N34A			RIGID	None	None	RIGID	Typical
109	M103	N38	N41			RIGID	None	None	RIGID	Typical
110	M104	N33A	N42			RIGID	None	None	RIGID	Typical
111	M105	N182A	N181A			RIGID	None	None	RIGID	Typical
112	M106	N181A	N183A			RIGID	None	None	RIGID	Typical
113	M107	N185A	N184A			RIGID	None	None	RIGID	Typical
114	M108	N184A	N186A			RIGID	None	None	RIGID	Typical
115	M134	N262	N263			RIGID	None	None	RIGID	Typical
116	M136	N266	N267			RIGID	None	None	RIGID	Typical
117	M138	N270	N271			RIGID	None	None	RIGID	Typical
118	SA-1	SA1	N43			Support Arm	None	None	A53 Gr.B	Typical
119	SA-2	SA2	N44			Support Arm	None	None	A53 Gr.B	Typical

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
120	SA-3	SA3	FF5			Support Arm	None	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	ANG-1						Yes	** NA **			None
2	ANG-2	BenPIN	BenPIN				Yes	** NA **			None
3	ANG-3						Yes	** NA **			None
4	ANG-4	BenPIN	BenPIN				Yes	** NA **			None
5	ANG-5						Yes	** NA **			None
6	ANG-6	BenPIN	BenPIN				Yes	** NA **			None
7	ANG-7						Yes	** NA **			None
8	ANG-8	BenPIN	BenPIN				Yes	** NA **			None
9	ANG-9						Yes	** NA **			None
10	ANG-10	BenPIN	BenPIN				Yes	** NA **			None
11	ANG-11						Yes	** NA **			None
12	ANG-12	BenPIN	BenPIN				Yes	** NA **			None
13	ANG-13						Yes	** NA **			None
14	ANG-14	BenPIN	BenPIN				Yes	** NA **			None
15	ANG-15						Yes	** NA **			None
16	ANG-16	BenPIN	BenPIN				Yes	** NA **			None
17	ANG-17						Yes	** NA **			None
18	ANG-18	BenPIN	BenPIN				Yes	** NA **			None
19	ANG-19						Yes	** NA **			None
20	ANG-20	BenPIN	BenPIN				Yes	** NA **			None
21	ANG-21						Yes	** NA **			None
22	ANG-22	BenPIN	BenPIN				Yes	** NA **			None
23	ANG-23						Yes	** NA **			None
24	ANG-24	BenPIN	BenPIN				Yes	** NA **			None
25	CH-1						Yes	** NA **			None
26	CH-2						Yes	** NA **			None
27	CH-3						Yes	** NA **			None
28	CH-4						Yes	** NA **			None
29	CH-5						Yes	** NA **			None
30	CH-6						Yes	** NA **			None
31	CH-7						Yes	** NA **			None
32	CH-8						Yes	** NA **			None
33	CH-9						Yes	** NA **			None
34	CH-10						Yes	** NA **			None
35	CH-11						Yes	** NA **			None
36	CH-12						Yes	** NA **			None
37	CH-13						Yes	** NA **			None
38	CH-14						Yes	** NA **			None
39	CH-15						Yes	** NA **			None
40	CP-1						Yes	** NA **			None
41	CP-2						Yes	** NA **			None
42	CP-3						Yes	** NA **			None
43	CP-4						Yes	** NA **			None
44	CP-5						Yes	** NA **			None
45	CP-6						Yes	** NA **			None
46	FFTH						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...
47	SF1-TH						Yes	** NA **			None
48	SF2-TH						Yes	** NA **			None
49	GSI-1						Yes	** NA **			None
50	GSI-2						Yes	** NA **			None
51	GSI-3						Yes	** NA **			None
52	K1	BenPIN	BenPIN				Yes	** NA **			None
53	K2	BenPIN	BenPIN				Yes	** NA **			None
54	K3	BenPIN	BenPIN				Yes	** NA **			None
55	K4	BenPIN	BenPIN				Yes	** NA **			None
56	K5	BenPIN	BenPIN				Yes	** NA **			None
57	K6	BenPIN	BenPIN				Yes	** NA **			None
58	MF1						Yes	** NA **			None
59	MF2						Yes	** NA **			None
60	MF3						Yes	** NA **			None
61	MP-1						Yes	** NA **			None
62	MP-2						Yes	** NA **			None
63	MP-3						Yes	** NA **			None
64	MP-4						Yes	** NA **			None
65	MP-5						Yes	** NA **			None
66	MP-6						Yes	** NA **			None
67	MP-7						Yes	** NA **			None
68	MP-8						Yes	** NA **			None
69	MP-9						Yes	** NA **			None
70	MP-10						Yes	** NA **			None
71	MP-11						Yes	** NA **			None
72	MP-12						Yes	** NA **			None
73	MP-13						Yes	** NA **			None
74	MP-14						Yes	** NA **			None
75	MP-15						Yes	** NA **			None
76	PL-1						Yes	** NA **			None
77	PL-2						Yes	** NA **			None
78	PL-3						Yes	** NA **			None
79	PL-4						Yes	** NA **			None
80	PL-5						Yes	** NA **			None
81	PL-6						Yes	** NA **			None
82	M27B						Yes	** NA **			None
83	M28A						Yes	** NA **			None
84	M31						Yes	** NA **			None
85	M32						Yes	** NA **			None
86	M37						Yes	** NA **			None
87	M38						Yes	** NA **			None
88	M41						Yes	** NA **			None
89	M42						Yes	** NA **			None
90	M43						Yes	** NA **			None
91	M44						Yes	** NA **			None
92	M53						Yes	** NA **			None
93	M54						Yes	** NA **			None
94	M59						Yes	** NA **			None
95	M60						Yes	** NA **			None
96	M63						Yes	** NA **			None
97	M64						Yes	** NA **			None
98	M65						Yes	** NA **			None

Company : Tower Engineering Professionals, Inc.
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Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
99	M66						Yes	** NA **			None
100	M75						Yes	** NA **			None
101	M76						Yes	** NA **			None
102	M81						Yes	** NA **			None
103	M82						Yes	** NA **			None
104	M85						Yes	** NA **			None
105	M86						Yes	** NA **			None
106	M87						Yes	** NA **			None
107	M88						Yes	** NA **			None
108	M102						Yes	** NA **			None
109	M103						Yes	** NA **			None
110	M104						Yes	** NA **			None
111	M105						Yes	** NA **			None
112	M106						Yes	** NA **			None
113	M107						Yes	** NA **			None
114	M108						Yes	** NA **			None
115	M134						Yes	** NA **			None
116	M136						Yes	** NA **			None
117	M138						Yes	** NA **			None
118	SA-1						Yes	** NA **			None
119	SA-2						Yes	** NA **			None
120	SA-3						Yes	** NA **			None

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top...	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Funct...
1	ANG-1	Angle	.833						1	1		Lateral
2	ANG-2	Angle	1.261						1	1		Lateral
3	ANG-3	Angle	2.095						1	1		Lateral
4	ANG-4	Angle	1.261						1	1		Lateral
5	ANG-5	Angle	.833						1	1		Lateral
6	ANG-6	Angle	1.261						1	1		Lateral
7	ANG-7	Angle	2.095						1	1		Lateral
8	ANG-8	Angle	1.261						1	1		Lateral
9	ANG-9	Angle	.833						1	1		Lateral
10	ANG-10	Angle	1.261						1	1		Lateral
11	ANG-11	Angle	2.095						1	1		Lateral
12	ANG-12	Angle	1.261						1	1		Lateral
13	ANG-13	Angle	.833						1	1		Lateral
14	ANG-14	Angle	1.261						1	1		Lateral
15	ANG-15	Angle	2.095						1	1		Lateral
16	ANG-16	Angle	1.261						1	1		Lateral
17	ANG-17	Angle	.833						1	1		Lateral
18	ANG-18	Angle	1.261						1	1		Lateral
19	ANG-19	Angle	2.095						1	1		Lateral
20	ANG-20	Angle	1.261						1	1		Lateral
21	ANG-21	Angle	.833						1	1		Lateral
22	ANG-22	Angle	1.261						1	1		Lateral
23	ANG-23	Angle	2.095						1	1		Lateral
24	ANG-24	Angle	1.261						1	1		Lateral
25	CH-1	Channel 1	2.011						1	1		Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top...	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Funct...
26	CH-2	Channel 1	2.011						1	1		Lateral
27	CH-3	Channel 1	3.458						1	1		Lateral
28	CH-4	Channel 1	2.011						1	1		Lateral
29	CH-5	Channel 1	2.011						1	1		Lateral
30	CH-6	Channel 1	3.458						1	1		Lateral
31	CH-7	Channel 1	2.011						1	1		Lateral
32	CH-8	Channel 1	2.011						1	1		Lateral
33	CH-9	Channel 1	3.458						1	1		Lateral
34	CH-10	Channel 1	3.875						2.1	2.1		Lateral
35	CH-11	Channel 1	3.875						2.1	2.1		Lateral
36	CH-12	Channel 1	3.875						2.1	2.1		Lateral
37	CH-13	Channel 1	3.875						2.1	2.1		Lateral
38	CH-14	Channel 1	3.875						2.1	2.1		Lateral
39	CH-15	Channel 1	3.875						2.1	2.1		Lateral
40	CP-1	Corner Plate	.583						2.1	2.1		Lateral
41	CP-2	Corner Plate	.583						2.1	2.1		Lateral
42	CP-3	Corner Plate	.583						2.1	2.1		Lateral
43	CP-4	Corner Plate	.583						2.1	2.1		Lateral
44	CP-5	Corner Plate	.583						2.1	2.1		Lateral
45	CP-6	Corner Plate	.583						2.1	2.1		Lateral
46	FFTH	Face Horizontal	14.333	5	9.5				2.1	2.1		Lateral
47	SF1-TH	Face Horizontal	14.333	5	9.5				2.1	2.1		Lateral
48	SF2-TH	Face Horizontal	14.333	5	9.5				2.1	2.1		Lateral
49	GSI-1	Internal	5.667						2.1	2.1		Lateral
50	GSI-2	Internal	5.667						2.1	2.1		Lateral
51	GSI-3	Internal	5.667						2.1	2.1		Lateral
52	K1	Kicker	6.101						1	1		Lateral
53	K2	Kicker	6.101						1	1		Lateral
54	K3	Kicker	6.101						1	1		Lateral
55	K4	Kicker	6.101						1	1		Lateral
56	K5	Kicker	6.101						1	1		Lateral
57	K6	Kicker	6.101						1	1		Lateral
58	MF1	Mod Face	15.5						2.1	2.1		Lateral
59	MF2	Mod Face	15.5						2.1	2.1		Lateral
60	MF3	Mod Face	15.5						2.1	2.1		Lateral
61	MP-1	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
62	MP-2	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
63	MP-3	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
64	MP-4	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
65	MP-5	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
66	MP-6	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
67	MP-7	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
68	MP-8	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
69	MP-9	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
70	MP-10	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
71	MP-11	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
72	MP-12	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
73	MP-13	Mount Pipes	3.292	Segment	Segment				2.1	2.1		Lateral
74	MP-14	Mount Pipes	3.292	Segment	Segment				2.1	2.1		Lateral
75	MP-15	Mount Pipes	3.292	Segment	Segment				2.1	2.1		Lateral
76	PL-1	Plate	.667						1	1		Lateral
77	PL-2	Plate	.667						1	1		Lateral

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top...	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Funct...
78	PL-3	Plate	.667						1	1		Lateral
79	PL-4	Plate	.667						1	1		Lateral
80	PL-5	Plate	.667						1	1		Lateral
81	PL-6	Plate	.667						1	1		Lateral
82	SA-1	Support Arm	2.083						2.1	2.1		Lateral
83	SA-2	Support Arm	2.083						2.1	2.1		Lateral
84	SA-3	Support Arm	2.083						2.1	2.1		Lateral

Cold Formed Steel Design Parameters

Label	Shape	Length...	Lbyy[ft]	Lbzz[ft]	Lcomp to...	Lcomp bo...	Kyy	Kzz	Cm-yy	Cm-zz	Cb	R	y sway	z sway
No Data to Print ...														

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Dead	None		-1			32		9	
2	0 Wind - No Ice	None					32	84		
3	30 Wind - No Ice	None					64	168		
4	45 Wind - No Ice	None					64	168		
5	60 Wind - No Ice	None					64	168		
6	90 Wind - No Ice	None					32	84		
7	120 Wind - No Ice	None					64	168		
8	135 Wind - No Ice	None					64	168		
9	150 Wind - No Ice	None					64	168		
10	180 Wind - No Ice	None					32	84		
11	210 Wind - No Ice	None					64	168		
12	225 Wind - No Ice	None					64	168		
13	240 Wind - No Ice	None					64	168		
14	270 Wind - No Ice	None					32	84		
15	300 Wind - No Ice	None					64	168		
16	315 Wind - No Ice	None					64	168		
17	330 Wind - No Ice	None					64	168		
18	Ice Weight	None					32	84	9	
19	0 Wind - Ice	None					32	84		
20	30 Wind - Ice	None					64	168		
21	45 Wind - Ice	None					64	168		
22	60 Wind - Ice	None					64	168		
23	90 Wind - Ice	None					32	84		
24	120 Wind - Ice	None					64	168		
25	135 Wind - Ice	None					64	168		
26	150 Wind - Ice	None					64	168		
27	180 Wind - Ice	None					32	84		
28	210 Wind - Ice	None					64	168		
29	225 Wind - Ice	None					64	168		
30	240 Wind - Ice	None					64	168		
31	270 Wind - Ice	None					32	84		
32	300 Wind - Ice	None					64	168		
33	315 Wind - Ice	None					64	168		
34	330 Wind - Ice	None					64	168		
35	Lm	None				1				

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
36	Lv	None				1				
37	Seismic Load X	ELX	-1				32			
38	Seismic Load Z	ELZ			-1		32			
39	BLC 1 Transient Area...	None						60		
40	BLC 18 Transient Are...	None						60		

Load Combinations

	Description	Solve	PD...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.4D	Yes	Y		1	1.4																				
2	0.9D+1.0 0-Wind	Yes	Y		1	.9	2	1																		
3	0.9D+1.0 30-Wind	Yes	Y		1	.9	3	1																		
4	0.9D+1.0 45-Wind	Yes	Y		1	.9	4	1																		
5	0.9D+1.0 60-Wind	Yes	Y		1	.9	5	1																		
6	0.9D+1.0 90-Wind	Yes	Y		1	.9	6	1																		
7	0.9D+1.0 120-Wind	Yes	Y		1	.9	7	1																		
8	0.9D+1.0 135-Wind	Yes	Y		1	.9	8	1																		
9	0.9D+1.0 150-Wind	Yes	Y		1	.9	9	1																		
10	0.9D+1.0 180-Wind	Yes	Y		1	.9	10	1																		
11	0.9D+1.0 210-Wind	Yes	Y		1	.9	11	1																		
12	0.9D+1.0 225-Wind	Yes	Y		1	.9	12	1																		
13	0.9D+1.0 240-Wind	Yes	Y		1	.9	13	1																		
14	0.9D+1.0 270-Wind	Yes	Y		1	.9	14	1																		
15	0.9D+1.0 300-Wind	Yes	Y		1	.9	15	1																		
16	0.9D+1.0 315-Wind	Yes	Y		1	.9	16	1																		
17	0.9D+1.0 330-Wind	Yes	Y		1	.9	17	1																		
18	1.2D+1.0 0-Wind	Yes	Y		1	1.2	2	1																		
19	1.2D+1.0 30-Wind	Yes	Y		1	1.2	3	1																		
20	1.2D+1.0 45-Wind	Yes	Y		1	1.2	4	1																		
21	1.2D+1.0 60-Wind	Yes	Y		1	1.2	5	1																		
22	1.2D+1.0 90-Wind	Yes	Y		1	1.2	6	1																		
23	1.2D+1.0 120-Wind	Yes	Y		1	1.2	7	1																		
24	1.2D+1.0 135-Wind	Yes	Y		1	1.2	8	1																		
25	1.2D+1.0 150-Wind	Yes	Y		1	1.2	9	1																		
26	1.2D+1.0 180-Wind	Yes	Y		1	1.2	10	1																		
27	1.2D+1.0 210-Wind	Yes	Y		1	1.2	11	1																		
28	1.2D+1.0 225-Wind	Yes	Y		1	1.2	12	1																		
29	1.2D+1.0 240-Wind	Yes	Y		1	1.2	13	1																		
30	1.2D+1.0 270-Wind	Yes	Y		1	1.2	14	1																		
31	1.2D+1.0 300-Wind	Yes	Y		1	1.2	15	1																		
32	1.2D+1.0 315-Wind	Yes	Y		1	1.2	16	1																		
33	1.2D+1.0 330-Wind	Yes	Y		1	1.2	17	1																		
34	1.2D+1.0Di+1.0 0-...	Yes	Y		1	1.2	18	1	19	1																
35	1.2D+1.0Di+1.0 30-...	Yes	Y		1	1.2	18	1	20	1																
36	1.2D+1.0Di+1.0 45-...	Yes	Y		1	1.2	18	1	21	1																
37	1.2D+1.0Di+1.0 60-...	Yes	Y		1	1.2	18	1	22	1																
38	1.2D+1.0Di+1.0 90-...	Yes	Y		1	1.2	18	1	23	1																
39	1.2D+1.0Di+1.0 120...	Yes	Y		1	1.2	18	1	24	1																
40	1.2D+1.0Di+1.0 135...	Yes	Y		1	1.2	18	1	25	1																
41	1.2D+1.0Di+1.0 150...	Yes	Y		1	1.2	18	1	26	1																
42	1.2D+1.0Di+1.0 180...	Yes	Y		1	1.2	18	1	27	1																

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Load Combinations (Continued)

	Description	Solve	PD...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
43	1.2D+1.0Di+1.0 210...	Yes	Y		1	1.2	18	1	28	1																
44	1.2D+1.0Di+1.0 225...	Yes	Y		1	1.2	18	1	29	1																
45	1.2D+1.0Di+1.0 240...	Yes	Y		1	1.2	18	1	30	1																
46	1.2D+1.0Di+1.0 270...	Yes	Y		1	1.2	18	1	31	1																
47	1.2D+1.0Di+1.0 300...	Yes	Y		1	1.2	18	1	32	1																
48	1.2D+1.0Di+1.0 315...	Yes	Y		1	1.2	18	1	33	1																
49	1.2D+1.0Di+1.0 330...	Yes	Y		1	1.2	18	1	34	1																
50	1.2D+1.5Lv	Yes	Y		36	1.5	1	1.2																		
51	1.2D+1.5Lm+1.0 0-...	Yes	Y		1	1.2	2	.063	35	1.5																
52	1.2D+1.5Lm+1.0 30...	Yes	Y		1	1.2	3	.063	35	1.5																
53	1.2D+1.5Lm+1.0 45...	Yes	Y		1	1.2	4	.063	35	1.5																
54	1.2D+1.5Lm+1.0 60...	Yes	Y		1	1.2	5	.063	35	1.5																
55	1.2D+1.5Lm+1.0 90...	Yes	Y		1	1.2	6	.063	35	1.5																
56	1.2D+1.5Lm+1.0 12...	Yes	Y		1	1.2	7	.063	35	1.5																
57	1.2D+1.5Lm+1.0 13...	Yes	Y		1	1.2	8	.063	35	1.5																
58	1.2D+1.5Lm+1.0 15...	Yes	Y		1	1.2	9	.063	35	1.5																
59	1.2D+1.5Lm+1.0 18...	Yes	Y		1	1.2	10	.063	35	1.5																
60	1.2D+1.5Lm+1.0 21...	Yes	Y		1	1.2	11	.063	35	1.5																
61	1.2D+1.5Lm+1.0 22...	Yes	Y		1	1.2	12	.063	35	1.5																
62	1.2D+1.5Lm+1.0 24...	Yes	Y		1	1.2	13	.063	35	1.5																
63	1.2D+1.5Lm+1.0 27...	Yes	Y		1	1.2	14	.063	35	1.5																
64	1.2D+1.5Lm+1.0 30...	Yes	Y		1	1.2	15	.063	35	1.5																
65	1.2D+1.5Lm+1.0 31...	Yes	Y		1	1.2	16	.063	35	1.5																
66	1.2D+1.5Lm+1.0 33...	Yes	Y		1	1.2	17	.063	35	1.5																
67	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.5	0																	
68	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.433	ELZ	.25																
69	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.354	ELZ	.354																
70	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.25	ELZ	.433																
71	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	0		ELZ	.5																
72	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.25	ELZ	.433																
73	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.354	ELZ	.354																
74	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.433	ELZ	.25																
75	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.5	0																	
76	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.433	ELZ	-.25																
77	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.354	ELZ	-.354																
78	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	-.25	ELZ	-.433																
79	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	0		ELZ	-.5																
80	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.25	ELZ	-.433																
81	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.354	ELZ	-.354																
82	(1.2+0.2Sds)D+1.0 ...		Y		1	1.4	ELX	.433	ELZ	-.25																
83	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.5	0																	
84	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.433	ELZ	.25																
85	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.354	ELZ	.354																
86	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.25	ELZ	.433																
87	(0.9-0.2Sds)*DL+1....		Y		1	.7	0		ELZ	.5																
88	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.25	ELZ	.433																
89	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.354	ELZ	.354																
90	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.433	ELZ	.25																
91	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.5	0																	
92	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.433	ELZ	-.25																
93	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.354	ELZ	-.354																
94	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	-.25	ELZ	-.433																

Load Combinations (Continued)

	Description	Solve	PD...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
95	(0.9-0.2Sds)*DL+1....		Y		1	.7	0		ELZ	-.5																
96	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.25	ELZ	-.433																
97	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.354	ELZ	-.354																
98	(0.9-0.2Sds)*DL+1....		Y		1	.7	ELX	.433	ELZ	-.25																

Joint Loads and Enforced Displacements (BLC 35 : Lm)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N136	L	Y	-.5

Joint Loads and Enforced Displacements (BLC 36 : Lv)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N31A	L	Y	-.25

Member Point Loads (BLC 1 : Dead)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Y	-.018	.25
2	MP-1	Y	-.06	2
3	MP-3	Y	-.04	.25
4	MP-13	Y	-.016	1
5	MP-3	Y	-.071	2
6	MP-4	Y	-.04	.25
7	MP-4	Y	-.072	2
8	MP-5	Y	-.018	.25
9	MP-5	Y	-.06	2
10	MP-7	Y	-.04	.25
11	MP-14	Y	-.016	1
12	MP-7	Y	-.071	2
13	MP-8	Y	-.04	.25
14	MP-8	Y	-.072	2
15	MP-9	Y	-.018	.25
16	MP-9	Y	-.06	2
17	MP-11	Y	-.04	.25
18	MP-15	Y	-.016	1
19	MP-11	Y	-.071	2
20	MP-12	Y	-.04	.25
21	MP-12	Y	-.072	2
22	MP-6	Y	-.033	3
23	MP-10	Y	-.026	3
24	MP-1	Y	-.018	4.25
25	MP-3	Y	-.04	5.75
26	MP-4	Y	-.04	5.75
27	MP-5	Y	-.018	4.25
28	MP-7	Y	-.04	5.75
29	MP-8	Y	-.04	5.75
30	MP-9	Y	-.018	4.25
31	MP-11	Y	-.04	5.75
32	MP-12	Y	-.04	5.75

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.106	.25
2	MP-1	X	-.071	2
3	MP-3	X	-.245	.25
4	MP-13	X	-.021	1
5	MP-3	X	-.076	2
6	MP-4	X	-.245	.25
7	MP-4	X	-.063	2
8	MP-5	X	-.069	.25
9	MP-5	X	-.048	2
10	MP-7	X	-.143	.25
11	MP-14	X	-.018	1
12	MP-7	X	-.06	2
13	MP-8	X	-.143	.25
14	MP-8	X	-.055	2
15	MP-9	X	-.069	.25
16	MP-9	X	-.048	2
17	MP-11	X	-.143	.25
18	MP-15	X	-.018	1
19	MP-11	X	-.06	2
20	MP-12	X	-.143	.25
21	MP-12	X	-.055	2
22	MP-6	X	-.047	3
23	MP-10	X	-.165	3
24	MP-1	X	-.106	4.25
25	MP-3	X	-.245	5.75
26	MP-4	X	-.245	5.75
27	MP-5	X	-.069	4.25
28	MP-7	X	-.143	5.75
29	MP-8	X	-.143	5.75
30	MP-9	X	-.069	4.25
31	MP-11	X	-.143	5.75
32	MP-12	X	-.143	5.75

Member Point Loads (BLC 3 : 30 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.081	.25
2	MP-1	X	-.055	2
3	MP-3	X	-.183	.25
4	MP-13	X	-.018	1
5	MP-3	X	-.061	2
6	MP-4	X	-.183	.25
7	MP-4	X	-.052	2
8	MP-5	X	-.049	.25
9	MP-5	X	-.035	2
10	MP-7	X	-.094	.25
11	MP-14	X	-.015	1
12	MP-7	X	-.047	2
13	MP-8	X	-.094	.25
14	MP-8	X	-.045	2
15	MP-9	X	-.081	.25
16	MP-9	X	-.055	2

Member Point Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
17	MP-11	X	-.183	.25
18	MP-15	X	-.018	1
19	MP-11	X	-.061	2
20	MP-12	X	-.183	.25
21	MP-12	X	-.052	2
22	MP-6	X	-.041	3
23	MP-10	X	-.109	3
24	MP-1	X	-.081	4.25
25	MP-3	X	-.183	5.75
26	MP-4	X	-.183	5.75
27	MP-5	X	-.049	4.25
28	MP-7	X	-.094	5.75
29	MP-8	X	-.094	5.75
30	MP-9	X	-.081	4.25
31	MP-11	X	-.183	5.75
32	MP-12	X	-.183	5.75
33	MP-1	Z	-.047	.25
34	MP-1	Z	-.032	2
35	MP-3	Z	-.106	.25
36	MP-13	Z	-.01	1
37	MP-3	Z	-.035	2
38	MP-4	Z	-.106	.25
39	MP-4	Z	-.03	2
40	MP-5	Z	-.028	.25
41	MP-5	Z	-.02	2
42	MP-7	Z	-.054	.25
43	MP-14	Z	-.009	1
44	MP-7	Z	-.027	2
45	MP-8	Z	-.054	.25
46	MP-8	Z	-.026	2
47	MP-9	Z	-.047	.25
48	MP-9	Z	-.032	2
49	MP-11	Z	-.106	.25
50	MP-15	Z	-.01	1
51	MP-11	Z	-.035	2
52	MP-12	Z	-.106	.25
53	MP-12	Z	-.03	2
54	MP-6	Z	-.023	3
55	MP-10	Z	-.063	3
56	MP-1	Z	-.047	4.25
57	MP-3	Z	-.106	5.75
58	MP-4	Z	-.106	5.75
59	MP-5	Z	-.028	4.25
60	MP-7	Z	-.054	5.75
61	MP-8	Z	-.054	5.75
62	MP-9	Z	-.047	4.25
63	MP-11	Z	-.106	5.75
64	MP-12	Z	-.106	5.75

Member Point Loads (BLC 4 : 45 Wind - No Ice)

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

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.058	.25
2	MP-1	X	-.04	2
3	MP-3	X	-.125	.25
4	MP-13	X	-.014	1
5	MP-3	X	-.046	2
6	MP-4	X	-.125	.25
7	MP-4	X	-.041	2
8	MP-5	X	-.042	.25
9	MP-5	X	-.03	2
10	MP-7	X	-.083	.25
11	MP-14	X	-.012	1
12	MP-7	X	-.039	2
13	MP-8	X	-.083	.25
14	MP-8	X	-.037	2
15	MP-9	X	-.073	.25
16	MP-9	X	-.049	2
17	MP-11	X	-.167	.25
18	MP-15	X	-.015	1
19	MP-11	X	-.053	2
20	MP-12	X	-.167	.25
21	MP-12	X	-.044	2
22	MP-6	X	-.033	3
23	MP-10	X	-.078	3
24	MP-1	X	-.058	4.25
25	MP-3	X	-.125	5.75
26	MP-4	X	-.125	5.75
27	MP-5	X	-.042	4.25
28	MP-7	X	-.083	5.75
29	MP-8	X	-.083	5.75
30	MP-9	X	-.073	4.25
31	MP-11	X	-.167	5.75
32	MP-12	X	-.167	5.75
33	MP-1	Z	-.058	.25
34	MP-1	Z	-.04	2
35	MP-3	Z	-.125	.25
36	MP-13	Z	-.014	1
37	MP-3	Z	-.046	2
38	MP-4	Z	-.125	.25
39	MP-4	Z	-.041	2
40	MP-5	Z	-.042	.25
41	MP-5	Z	-.03	2
42	MP-7	Z	-.083	.25
43	MP-14	Z	-.012	1
44	MP-7	Z	-.039	2
45	MP-8	Z	-.083	.25
46	MP-8	Z	-.037	2
47	MP-9	Z	-.073	.25
48	MP-9	Z	-.049	2
49	MP-11	Z	-.167	.25
50	MP-15	Z	-.015	1
51	MP-11	Z	-.053	2
52	MP-12	Z	-.167	.25

Member Point Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP-12	Z	-.044	2
54	MP-6	Z	-.033	3
55	MP-10	Z	-.078	3
56	MP-1	Z	-.058	4.25
57	MP-3	Z	-.125	5.75
58	MP-4	Z	-.125	5.75
59	MP-5	Z	-.042	4.25
60	MP-7	Z	-.083	5.75
61	MP-8	Z	-.083	5.75
62	MP-9	Z	-.073	4.25
63	MP-11	Z	-.167	5.75
64	MP-12	Z	-.167	5.75

Member Point Loads (BLC 5 : 60 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.034	.25
2	MP-1	X	-.024	2
3	MP-3	X	-.071	.25
4	MP-13	X	-.009	1
5	MP-3	X	-.03	2
6	MP-4	X	-.071	.25
7	MP-4	X	-.028	2
8	MP-5	X	-.034	.25
9	MP-5	X	-.024	2
10	MP-7	X	-.071	.25
11	MP-14	X	-.009	1
12	MP-7	X	-.03	2
13	MP-8	X	-.071	.25
14	MP-8	X	-.028	2
15	MP-9	X	-.053	.25
16	MP-9	X	-.036	2
17	MP-11	X	-.123	.25
18	MP-15	X	-.011	1
19	MP-11	X	-.038	2
20	MP-12	X	-.123	.25
21	MP-12	X	-.032	2
22	MP-6	X	-.023	3
23	MP-10	X	-.053	3
24	MP-1	X	-.034	4.25
25	MP-3	X	-.071	5.75
26	MP-4	X	-.071	5.75
27	MP-5	X	-.034	4.25
28	MP-7	X	-.071	5.75
29	MP-8	X	-.071	5.75
30	MP-9	X	-.053	4.25
31	MP-11	X	-.123	5.75
32	MP-12	X	-.123	5.75
33	MP-1	Z	-.06	.25
34	MP-1	Z	-.042	2
35	MP-3	Z	-.124	.25
36	MP-13	Z	-.016	1

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 5 : 60 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
37	MP-3	Z	-.052	2
38	MP-4	Z	-.124	.25
39	MP-4	Z	-.048	2
40	MP-5	Z	-.06	.25
41	MP-5	Z	-.042	2
42	MP-7	Z	-.124	.25
43	MP-14	Z	-.016	1
44	MP-7	Z	-.052	2
45	MP-8	Z	-.124	.25
46	MP-8	Z	-.048	2
47	MP-9	Z	-.092	.25
48	MP-9	Z	-.062	2
49	MP-11	Z	-.213	.25
50	MP-15	Z	-.018	1
51	MP-11	Z	-.066	2
52	MP-12	Z	-.213	.25
53	MP-12	Z	-.055	2
54	MP-6	Z	-.041	3
55	MP-10	Z	-.091	3
56	MP-1	Z	-.06	4.25
57	MP-3	Z	-.124	5.75
58	MP-4	Z	-.124	5.75
59	MP-5	Z	-.06	4.25
60	MP-7	Z	-.124	5.75
61	MP-8	Z	-.124	5.75
62	MP-9	Z	-.092	4.25
63	MP-11	Z	-.213	5.75
64	MP-12	Z	-.213	5.75

Member Point Loads (BLC 6 : 90 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	-.057	.25
2	MP-1	Z	-.041	2
3	MP-3	Z	-.108	.25
4	MP-13	Z	-.017	1
5	MP-3	Z	-.054	2
6	MP-4	Z	-.108	.25
7	MP-4	Z	-.052	2
8	MP-5	Z	-.094	.25
9	MP-5	Z	-.064	2
10	MP-7	Z	-.211	.25
11	MP-14	Z	-.02	1
12	MP-7	Z	-.071	2
13	MP-8	Z	-.211	.25
14	MP-8	Z	-.061	2
15	MP-9	Z	-.094	.25
16	MP-9	Z	-.064	2
17	MP-11	Z	-.211	.25
18	MP-15	Z	-.02	1
19	MP-11	Z	-.071	2
20	MP-12	Z	-.211	.25

Member Point Loads (BLC 6 : 90 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
21	MP-12	Z	-.061	2
22	MP-6	Z	-.047	3
23	MP-10	Z	-.125	3
24	MP-1	Z	-.057	4.25
25	MP-3	Z	-.108	5.75
26	MP-4	Z	-.108	5.75
27	MP-5	Z	-.094	4.25
28	MP-7	Z	-.211	5.75
29	MP-8	Z	-.211	5.75
30	MP-9	Z	-.094	4.25
31	MP-11	Z	-.211	5.75
32	MP-12	Z	-.211	5.75

Member Point Loads (BLC 7 : 120 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.034	.25
2	MP-1	X	.024	2
3	MP-3	X	.071	.25
4	MP-13	X	.009	1
5	MP-3	X	.03	2
6	MP-4	X	.071	.25
7	MP-4	X	.028	2
8	MP-5	X	.053	.25
9	MP-5	X	.036	2
10	MP-7	X	.123	.25
11	MP-14	X	.011	1
12	MP-7	X	.038	2
13	MP-8	X	.123	.25
14	MP-8	X	.032	2
15	MP-9	X	.034	.25
16	MP-9	X	.024	2
17	MP-11	X	.071	.25
18	MP-15	X	.009	1
19	MP-11	X	.03	2
20	MP-12	X	.071	.25
21	MP-12	X	.028	2
22	MP-6	X	.023	3
23	MP-10	X	.082	3
24	MP-1	X	.034	4.25
25	MP-3	X	.071	5.75
26	MP-4	X	.071	5.75
27	MP-5	X	.053	4.25
28	MP-7	X	.123	5.75
29	MP-8	X	.123	5.75
30	MP-9	X	.034	4.25
31	MP-11	X	.071	5.75
32	MP-12	X	.071	5.75
33	MP-1	Z	-.06	.25
34	MP-1	Z	-.042	2
35	MP-3	Z	-.124	.25
36	MP-13	Z	-.016	1

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
37	MP-3	Z	-.052	2
38	MP-4	Z	-.124	.25
39	MP-4	Z	-.048	2
40	MP-5	Z	-.092	.25
41	MP-5	Z	-.062	2
42	MP-7	Z	-.213	.25
43	MP-14	Z	-.018	1
44	MP-7	Z	-.066	2
45	MP-8	Z	-.213	.25
46	MP-8	Z	-.055	2
47	MP-9	Z	-.06	.25
48	MP-9	Z	-.042	2
49	MP-11	Z	-.124	.25
50	MP-15	Z	-.016	1
51	MP-11	Z	-.052	2
52	MP-12	Z	-.124	.25
53	MP-12	Z	-.048	2
54	MP-6	Z	-.041	3
55	MP-10	Z	-.143	3
56	MP-1	Z	-.06	4.25
57	MP-3	Z	-.124	5.75
58	MP-4	Z	-.124	5.75
59	MP-5	Z	-.092	4.25
60	MP-7	Z	-.213	5.75
61	MP-8	Z	-.213	5.75
62	MP-9	Z	-.06	4.25
63	MP-11	Z	-.124	5.75
64	MP-12	Z	-.124	5.75

Member Point Loads (BLC 8 : 135 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.058	.25
2	MP-1	X	.04	2
3	MP-3	X	.125	.25
4	MP-13	X	.014	1
5	MP-3	X	.046	2
6	MP-4	X	.125	.25
7	MP-4	X	.041	2
8	MP-5	X	.073	.25
9	MP-5	X	.049	2
10	MP-7	X	.167	.25
11	MP-14	X	.015	1
12	MP-7	X	.053	2
13	MP-8	X	.167	.25
14	MP-8	X	.044	2
15	MP-9	X	.042	.25
16	MP-9	X	.03	2
17	MP-11	X	.083	.25
18	MP-15	X	.012	1
19	MP-11	X	.039	2
20	MP-12	X	.083	.25

Member Point Loads (BLC 8 : 135 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
21	MP-12	X	.037	2
22	MP-6	X	.033	3
23	MP-10	X	.127	3
24	MP-1	X	.058	4.25
25	MP-3	X	.125	5.75
26	MP-4	X	.125	5.75
27	MP-5	X	.073	4.25
28	MP-7	X	.167	5.75
29	MP-8	X	.167	5.75
30	MP-9	X	.042	4.25
31	MP-11	X	.083	5.75
32	MP-12	X	.083	5.75
33	MP-1	Z	-.058	.25
34	MP-1	Z	-.04	2
35	MP-3	Z	-.125	.25
36	MP-13	Z	-.014	1
37	MP-3	Z	-.046	2
38	MP-4	Z	-.125	.25
39	MP-4	Z	-.041	2
40	MP-5	Z	-.073	.25
41	MP-5	Z	-.049	2
42	MP-7	Z	-.167	.25
43	MP-14	Z	-.015	1
44	MP-7	Z	-.053	2
45	MP-8	Z	-.167	.25
46	MP-8	Z	-.044	2
47	MP-9	Z	-.042	.25
48	MP-9	Z	-.03	2
49	MP-11	Z	-.083	.25
50	MP-15	Z	-.012	1
51	MP-11	Z	-.039	2
52	MP-12	Z	-.083	.25
53	MP-12	Z	-.037	2
54	MP-6	Z	-.033	3
55	MP-10	Z	-.127	3
56	MP-1	Z	-.058	4.25
57	MP-3	Z	-.125	5.75
58	MP-4	Z	-.125	5.75
59	MP-5	Z	-.073	4.25
60	MP-7	Z	-.167	5.75
61	MP-8	Z	-.167	5.75
62	MP-9	Z	-.042	4.25
63	MP-11	Z	-.083	5.75
64	MP-12	Z	-.083	5.75

Member Point Loads (BLC 9 : 150 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.081	.25
2	MP-1	X	.055	2
3	MP-3	X	.183	.25
4	MP-13	X	.018	1

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
5	MP-3	X	.061	2
6	MP-4	X	.183	.25
7	MP-4	X	.052	2
8	MP-5	X	.081	.25
9	MP-5	X	.055	2
10	MP-7	X	.183	.25
11	MP-14	X	.018	1
12	MP-7	X	.061	2
13	MP-8	X	.183	.25
14	MP-8	X	.052	2
15	MP-9	X	.049	.25
16	MP-9	X	.035	2
17	MP-11	X	.094	.25
18	MP-15	X	.015	1
19	MP-11	X	.047	2
20	MP-12	X	.094	.25
21	MP-12	X	.045	2
22	MP-6	X	.041	3
23	MP-10	X	.16	3
24	MP-1	X	.081	4.25
25	MP-3	X	.183	5.75
26	MP-4	X	.183	5.75
27	MP-5	X	.081	4.25
28	MP-7	X	.183	5.75
29	MP-8	X	.183	5.75
30	MP-9	X	.049	4.25
31	MP-11	X	.094	5.75
32	MP-12	X	.094	5.75
33	MP-1	Z	-.047	.25
34	MP-1	Z	-.032	2
35	MP-3	Z	-.106	.25
36	MP-13	Z	-.01	1
37	MP-3	Z	-.035	2
38	MP-4	Z	-.106	.25
39	MP-4	Z	-.03	2
40	MP-5	Z	-.047	.25
41	MP-5	Z	-.032	2
42	MP-7	Z	-.106	.25
43	MP-14	Z	-.01	1
44	MP-7	Z	-.035	2
45	MP-8	Z	-.106	.25
46	MP-8	Z	-.03	2
47	MP-9	Z	-.028	.25
48	MP-9	Z	-.02	2
49	MP-11	Z	-.054	.25
50	MP-15	Z	-.009	1
51	MP-11	Z	-.027	2
52	MP-12	Z	-.054	.25
53	MP-12	Z	-.026	2
54	MP-6	Z	-.023	3
55	MP-10	Z	-.092	3
56	MP-1	Z	-.047	4.25

Member Point Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
57	MP-3	Z	-.106	5.75
58	MP-4	Z	-.106	5.75
59	MP-5	Z	-.047	4.25
60	MP-7	Z	-.106	5.75
61	MP-8	Z	-.106	5.75
62	MP-9	Z	-.028	4.25
63	MP-11	Z	-.054	5.75
64	MP-12	Z	-.054	5.75

Member Point Loads (BLC 10 : 180 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.106	.25
2	MP-1	X	.071	2
3	MP-3	X	.245	.25
4	MP-13	X	.021	1
5	MP-3	X	.076	2
6	MP-4	X	.245	.25
7	MP-4	X	.063	2
8	MP-5	X	.069	.25
9	MP-5	X	.048	2
10	MP-7	X	.143	.25
11	MP-14	X	.018	1
12	MP-7	X	.06	2
13	MP-8	X	.143	.25
14	MP-8	X	.055	2
15	MP-9	X	.069	.25
16	MP-9	X	.048	2
17	MP-11	X	.143	.25
18	MP-15	X	.018	1
19	MP-11	X	.06	2
20	MP-12	X	.143	.25
21	MP-12	X	.055	2
22	MP-6	X	.047	3
23	MP-10	X	.165	3
24	MP-1	X	.106	4.25
25	MP-3	X	.245	5.75
26	MP-4	X	.245	5.75
27	MP-5	X	.069	4.25
28	MP-7	X	.143	5.75
29	MP-8	X	.143	5.75
30	MP-9	X	.069	4.25
31	MP-11	X	.143	5.75
32	MP-12	X	.143	5.75

Member Point Loads (BLC 11 : 210 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.081	.25
2	MP-1	X	.055	2
3	MP-3	X	.183	.25
4	MP-13	X	.018	1
5	MP-3	X	.061	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP-4	X	.183	.25
7	MP-4	X	.052	2
8	MP-5	X	.049	.25
9	MP-5	X	.035	2
10	MP-7	X	.094	.25
11	MP-14	X	.015	1
12	MP-7	X	.047	2
13	MP-8	X	.094	.25
14	MP-8	X	.045	2
15	MP-9	X	.081	.25
16	MP-9	X	.055	2
17	MP-11	X	.183	.25
18	MP-15	X	.018	1
19	MP-11	X	.061	2
20	MP-12	X	.183	.25
21	MP-12	X	.052	2
22	MP-6	X	.041	3
23	MP-10	X	.109	3
24	MP-1	X	.081	4.25
25	MP-3	X	.183	5.75
26	MP-4	X	.183	5.75
27	MP-5	X	.049	4.25
28	MP-7	X	.094	5.75
29	MP-8	X	.094	5.75
30	MP-9	X	.081	4.25
31	MP-11	X	.183	5.75
32	MP-12	X	.183	5.75
33	MP-1	Z	.047	.25
34	MP-1	Z	.032	2
35	MP-3	Z	.106	.25
36	MP-13	Z	.01	1
37	MP-3	Z	.035	2
38	MP-4	Z	.106	.25
39	MP-4	Z	.03	2
40	MP-5	Z	.028	.25
41	MP-5	Z	.02	2
42	MP-7	Z	.054	.25
43	MP-14	Z	.009	1
44	MP-7	Z	.027	2
45	MP-8	Z	.054	.25
46	MP-8	Z	.026	2
47	MP-9	Z	.047	.25
48	MP-9	Z	.032	2
49	MP-11	Z	.106	.25
50	MP-15	Z	.01	1
51	MP-11	Z	.035	2
52	MP-12	Z	.106	.25
53	MP-12	Z	.03	2
54	MP-6	Z	.023	3
55	MP-10	Z	.063	3
56	MP-1	Z	.047	4.25
57	MP-3	Z	.106	5.75

Member Point Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP-4	Z	.106	5.75
59	MP-5	Z	.028	4.25
60	MP-7	Z	.054	5.75
61	MP-8	Z	.054	5.75
62	MP-9	Z	.047	4.25
63	MP-11	Z	.106	5.75
64	MP-12	Z	.106	5.75

Member Point Loads (BLC 12 : 225 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.058	.25
2	MP-1	X	.04	2
3	MP-3	X	.125	.25
4	MP-13	X	.014	1
5	MP-3	X	.046	2
6	MP-4	X	.125	.25
7	MP-4	X	.041	2
8	MP-5	X	.042	.25
9	MP-5	X	.03	2
10	MP-7	X	.083	.25
11	MP-14	X	.012	1
12	MP-7	X	.039	2
13	MP-8	X	.083	.25
14	MP-8	X	.037	2
15	MP-9	X	.073	.25
16	MP-9	X	.049	2
17	MP-11	X	.167	.25
18	MP-15	X	.015	1
19	MP-11	X	.053	2
20	MP-12	X	.167	.25
21	MP-12	X	.044	2
22	MP-6	X	.033	3
23	MP-10	X	.078	3
24	MP-1	X	.058	4.25
25	MP-3	X	.125	5.75
26	MP-4	X	.125	5.75
27	MP-5	X	.042	4.25
28	MP-7	X	.083	5.75
29	MP-8	X	.083	5.75
30	MP-9	X	.073	4.25
31	MP-11	X	.167	5.75
32	MP-12	X	.167	5.75
33	MP-1	Z	.058	.25
34	MP-1	Z	.04	2
35	MP-3	Z	.125	.25
36	MP-13	Z	.014	1
37	MP-3	Z	.046	2
38	MP-4	Z	.125	.25
39	MP-4	Z	.041	2
40	MP-5	Z	.042	.25
41	MP-5	Z	.03	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 12 : 225 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP-7	Z	.083	.25
43	MP-14	Z	.012	1
44	MP-7	Z	.039	2
45	MP-8	Z	.083	.25
46	MP-8	Z	.037	2
47	MP-9	Z	.073	.25
48	MP-9	Z	.049	2
49	MP-11	Z	.167	.25
50	MP-15	Z	.015	1
51	MP-11	Z	.053	2
52	MP-12	Z	.167	.25
53	MP-12	Z	.044	2
54	MP-6	Z	.033	3
55	MP-10	Z	.078	3
56	MP-1	Z	.058	4.25
57	MP-3	Z	.125	5.75
58	MP-4	Z	.125	5.75
59	MP-5	Z	.042	4.25
60	MP-7	Z	.083	5.75
61	MP-8	Z	.083	5.75
62	MP-9	Z	.073	4.25
63	MP-11	Z	.167	5.75
64	MP-12	Z	.167	5.75

Member Point Loads (BLC 13 : 240 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.034	.25
2	MP-1	X	.024	2
3	MP-3	X	.071	.25
4	MP-13	X	.009	1
5	MP-3	X	.03	2
6	MP-4	X	.071	.25
7	MP-4	X	.028	2
8	MP-5	X	.034	.25
9	MP-5	X	.024	2
10	MP-7	X	.071	.25
11	MP-14	X	.009	1
12	MP-7	X	.03	2
13	MP-8	X	.071	.25
14	MP-8	X	.028	2
15	MP-9	X	.053	.25
16	MP-9	X	.036	2
17	MP-11	X	.123	.25
18	MP-15	X	.011	1
19	MP-11	X	.038	2
20	MP-12	X	.123	.25
21	MP-12	X	.032	2
22	MP-6	X	.023	3
23	MP-10	X	.053	3
24	MP-1	X	.034	4.25
25	MP-3	X	.071	5.75

Member Point Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP-4	X	.071	5.75
27	MP-5	X	.034	4.25
28	MP-7	X	.071	5.75
29	MP-8	X	.071	5.75
30	MP-9	X	.053	4.25
31	MP-11	X	.123	5.75
32	MP-12	X	.123	5.75
33	MP-1	Z	.06	.25
34	MP-1	Z	.042	2
35	MP-3	Z	.124	.25
36	MP-13	Z	.016	1
37	MP-3	Z	.052	2
38	MP-4	Z	.124	.25
39	MP-4	Z	.048	2
40	MP-5	Z	.06	.25
41	MP-5	Z	.042	2
42	MP-7	Z	.124	.25
43	MP-14	Z	.016	1
44	MP-7	Z	.052	2
45	MP-8	Z	.124	.25
46	MP-8	Z	.048	2
47	MP-9	Z	.092	.25
48	MP-9	Z	.062	2
49	MP-11	Z	.213	.25
50	MP-15	Z	.018	1
51	MP-11	Z	.066	2
52	MP-12	Z	.213	.25
53	MP-12	Z	.055	2
54	MP-6	Z	.041	3
55	MP-10	Z	.091	3
56	MP-1	Z	.06	4.25
57	MP-3	Z	.124	5.75
58	MP-4	Z	.124	5.75
59	MP-5	Z	.06	4.25
60	MP-7	Z	.124	5.75
61	MP-8	Z	.124	5.75
62	MP-9	Z	.092	4.25
63	MP-11	Z	.213	5.75
64	MP-12	Z	.213	5.75

Member Point Loads (BLC 14 : 270 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	.057	.25
2	MP-1	Z	.041	2
3	MP-3	Z	.108	.25
4	MP-13	Z	.017	1
5	MP-3	Z	.054	2
6	MP-4	Z	.108	.25
7	MP-4	Z	.052	2
8	MP-5	Z	.094	.25
9	MP-5	Z	.064	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 14 : 270 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
10	MP-7	Z	.211	.25
11	MP-14	Z	.02	1
12	MP-7	Z	.071	2
13	MP-8	Z	.211	.25
14	MP-8	Z	.061	2
15	MP-9	Z	.094	.25
16	MP-9	Z	.064	2
17	MP-11	Z	.211	.25
18	MP-15	Z	.02	1
19	MP-11	Z	.071	2
20	MP-12	Z	.211	.25
21	MP-12	Z	.061	2
22	MP-6	Z	.047	3
23	MP-10	Z	.125	3
24	MP-1	Z	.057	4.25
25	MP-3	Z	.108	5.75
26	MP-4	Z	.108	5.75
27	MP-5	Z	.094	4.25
28	MP-7	Z	.211	5.75
29	MP-8	Z	.211	5.75
30	MP-9	Z	.094	4.25
31	MP-11	Z	.211	5.75
32	MP-12	Z	.211	5.75

Member Point Loads (BLC 15 : 300 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.034	.25
2	MP-1	X	-.024	2
3	MP-3	X	-.071	.25
4	MP-13	X	-.009	1
5	MP-3	X	-.03	2
6	MP-4	X	-.071	.25
7	MP-4	X	-.028	2
8	MP-5	X	-.053	.25
9	MP-5	X	-.036	2
10	MP-7	X	-.123	.25
11	MP-14	X	-.011	1
12	MP-7	X	-.038	2
13	MP-8	X	-.123	.25
14	MP-8	X	-.032	2
15	MP-9	X	-.034	.25
16	MP-9	X	-.024	2
17	MP-11	X	-.071	.25
18	MP-15	X	-.009	1
19	MP-11	X	-.03	2
20	MP-12	X	-.071	.25
21	MP-12	X	-.028	2
22	MP-6	X	-.023	3
23	MP-10	X	-.082	3
24	MP-1	X	-.034	4.25
25	MP-3	X	-.071	5.75

Member Point Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP-4	X	-.071	5.75
27	MP-5	X	-.053	4.25
28	MP-7	X	-.123	5.75
29	MP-8	X	-.123	5.75
30	MP-9	X	-.034	4.25
31	MP-11	X	-.071	5.75
32	MP-12	X	-.071	5.75
33	MP-1	Z	.06	.25
34	MP-1	Z	.042	2
35	MP-3	Z	.124	.25
36	MP-13	Z	.016	1
37	MP-3	Z	.052	2
38	MP-4	Z	.124	.25
39	MP-4	Z	.048	2
40	MP-5	Z	.092	.25
41	MP-5	Z	.062	2
42	MP-7	Z	.213	.25
43	MP-14	Z	.018	1
44	MP-7	Z	.066	2
45	MP-8	Z	.213	.25
46	MP-8	Z	.055	2
47	MP-9	Z	.06	.25
48	MP-9	Z	.042	2
49	MP-11	Z	.124	.25
50	MP-15	Z	.016	1
51	MP-11	Z	.052	2
52	MP-12	Z	.124	.25
53	MP-12	Z	.048	2
54	MP-6	Z	.041	3
55	MP-10	Z	.143	3
56	MP-1	Z	.06	4.25
57	MP-3	Z	.124	5.75
58	MP-4	Z	.124	5.75
59	MP-5	Z	.092	4.25
60	MP-7	Z	.213	5.75
61	MP-8	Z	.213	5.75
62	MP-9	Z	.06	4.25
63	MP-11	Z	.124	5.75
64	MP-12	Z	.124	5.75

Member Point Loads (BLC 16 : 315 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.058	.25
2	MP-1	X	-.04	2
3	MP-3	X	-.125	.25
4	MP-13	X	-.014	1
5	MP-3	X	-.046	2
6	MP-4	X	-.125	.25
7	MP-4	X	-.041	2
8	MP-5	X	-.073	.25
9	MP-5	X	-.049	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
10	MP-7	X	-.167	.25
11	MP-14	X	-.015	1
12	MP-7	X	-.053	2
13	MP-8	X	-.167	.25
14	MP-8	X	-.044	2
15	MP-9	X	-.042	.25
16	MP-9	X	-.03	2
17	MP-11	X	-.083	.25
18	MP-15	X	-.012	1
19	MP-11	X	-.039	2
20	MP-12	X	-.083	.25
21	MP-12	X	-.037	2
22	MP-6	X	-.033	3
23	MP-10	X	-.127	3
24	MP-1	X	-.058	4.25
25	MP-3	X	-.125	5.75
26	MP-4	X	-.125	5.75
27	MP-5	X	-.073	4.25
28	MP-7	X	-.167	5.75
29	MP-8	X	-.167	5.75
30	MP-9	X	-.042	4.25
31	MP-11	X	-.083	5.75
32	MP-12	X	-.083	5.75
33	MP-1	Z	.058	.25
34	MP-1	Z	.04	2
35	MP-3	Z	.125	.25
36	MP-13	Z	.014	1
37	MP-3	Z	.046	2
38	MP-4	Z	.125	.25
39	MP-4	Z	.041	2
40	MP-5	Z	.073	.25
41	MP-5	Z	.049	2
42	MP-7	Z	.167	.25
43	MP-14	Z	.015	1
44	MP-7	Z	.053	2
45	MP-8	Z	.167	.25
46	MP-8	Z	.044	2
47	MP-9	Z	.042	.25
48	MP-9	Z	.03	2
49	MP-11	Z	.083	.25
50	MP-15	Z	.012	1
51	MP-11	Z	.039	2
52	MP-12	Z	.083	.25
53	MP-12	Z	.037	2
54	MP-6	Z	.033	3
55	MP-10	Z	.127	3
56	MP-1	Z	.058	4.25
57	MP-3	Z	.125	5.75
58	MP-4	Z	.125	5.75
59	MP-5	Z	.073	4.25
60	MP-7	Z	.167	5.75
61	MP-8	Z	.167	5.75

Member Point Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
62	MP-9	Z	.042	4.25
63	MP-11	Z	.083	5.75
64	MP-12	Z	.083	5.75

Member Point Loads (BLC 17 : 330 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.081	.25
2	MP-1	X	-.055	2
3	MP-3	X	-.183	.25
4	MP-13	X	-.018	1
5	MP-3	X	-.061	2
6	MP-4	X	-.183	.25
7	MP-4	X	-.052	2
8	MP-5	X	-.081	.25
9	MP-5	X	-.055	2
10	MP-7	X	-.183	.25
11	MP-14	X	-.018	1
12	MP-7	X	-.061	2
13	MP-8	X	-.183	.25
14	MP-8	X	-.052	2
15	MP-9	X	-.049	.25
16	MP-9	X	-.035	2
17	MP-11	X	-.094	.25
18	MP-15	X	-.015	1
19	MP-11	X	-.047	2
20	MP-12	X	-.094	.25
21	MP-12	X	-.045	2
22	MP-6	X	-.041	3
23	MP-10	X	-.16	3
24	MP-1	X	-.081	4.25
25	MP-3	X	-.183	5.75
26	MP-4	X	-.183	5.75
27	MP-5	X	-.081	4.25
28	MP-7	X	-.183	5.75
29	MP-8	X	-.183	5.75
30	MP-9	X	-.049	4.25
31	MP-11	X	-.094	5.75
32	MP-12	X	-.094	5.75
33	MP-1	Z	.047	.25
34	MP-1	Z	.032	2
35	MP-3	Z	.106	.25
36	MP-13	Z	.01	1
37	MP-3	Z	.035	2
38	MP-4	Z	.106	.25
39	MP-4	Z	.03	2
40	MP-5	Z	.047	.25
41	MP-5	Z	.032	2
42	MP-7	Z	.106	.25
43	MP-14	Z	.01	1
44	MP-7	Z	.035	2
45	MP-8	Z	.106	.25

Company : Tower Engineering Professionals, Inc.
Designer : SJL
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Model Name : CCI BU No. 876379

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Member Point Loads (BLC 17 : 330 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
46	MP-8	Z	.03	2
47	MP-9	Z	.028	.25
48	MP-9	Z	.02	2
49	MP-11	Z	.054	.25
50	MP-15	Z	.009	1
51	MP-11	Z	.027	2
52	MP-12	Z	.054	.25
53	MP-12	Z	.026	2
54	MP-6	Z	.023	3
55	MP-10	Z	.092	3
56	MP-1	Z	.047	4.25
57	MP-3	Z	.106	5.75
58	MP-4	Z	.106	5.75
59	MP-5	Z	.047	4.25
60	MP-7	Z	.106	5.75
61	MP-8	Z	.106	5.75
62	MP-9	Z	.028	4.25
63	MP-11	Z	.054	5.75
64	MP-12	Z	.054	5.75

Member Point Loads (BLC 18 : Ice Weight)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Y	-.034	.25
2	MP-1	Y	-.033	2
3	MP-3	Y	-.074	.25
4	MP-13	Y	-.013	1
5	MP-3	Y	-.038	2
6	MP-4	Y	-.074	.25
7	MP-4	Y	-.036	2
8	MP-5	Y	-.034	.25
9	MP-5	Y	-.033	2
10	MP-7	Y	-.074	.25
11	MP-14	Y	-.013	1
12	MP-7	Y	-.038	2
13	MP-8	Y	-.074	.25
14	MP-8	Y	-.036	2
15	MP-9	Y	-.034	.25
16	MP-9	Y	-.033	2
17	MP-11	Y	-.074	.25
18	MP-15	Y	-.013	1
19	MP-11	Y	-.038	2
20	MP-12	Y	-.074	.25
21	MP-12	Y	-.036	2
22	MP-6	Y	-.039	3
23	MP-10	Y	-.075	3
24	MP-1	Y	-.034	4.25
25	MP-3	Y	-.074	5.75
26	MP-4	Y	-.074	5.75
27	MP-5	Y	-.034	4.25
28	MP-7	Y	-.074	5.75
29	MP-8	Y	-.074	5.75

Member Point Loads (BLC 18 : Ice Weight) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
30	MP-9	Y	-.034	4.25
31	MP-11	Y	-.074	5.75
32	MP-12	Y	-.074	5.75

Member Point Loads (BLC 19 : 0 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.023	.25
2	MP-1	X	-.017	2
3	MP-3	X	-.05	.25
4	MP-13	X	-.006	1
5	MP-3	X	-.018	2
6	MP-4	X	-.05	.25
7	MP-4	X	-.015	2
8	MP-5	X	-.023	.25
9	MP-5	X	-.017	2
10	MP-7	X	-.05	.25
11	MP-14	X	-.006	1
12	MP-7	X	-.018	2
13	MP-8	X	-.05	.25
14	MP-8	X	-.015	2
15	MP-9	X	-.023	.25
16	MP-9	X	-.017	2
17	MP-11	X	-.05	.25
18	MP-15	X	-.006	1
19	MP-11	X	-.018	2
20	MP-12	X	-.05	.25
21	MP-12	X	-.015	2
22	MP-6	X	-.011	3
23	MP-10	X	-.024	3
24	MP-1	X	-.023	4.25
25	MP-3	X	-.05	5.75
26	MP-4	X	-.05	5.75
27	MP-5	X	-.023	4.25
28	MP-7	X	-.05	5.75
29	MP-8	X	-.05	5.75
30	MP-9	X	-.023	4.25
31	MP-11	X	-.05	5.75
32	MP-12	X	-.05	5.75

Member Point Loads (BLC 20 : 30 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.018	.25
2	MP-1	X	-.013	2
3	MP-3	X	-.038	.25
4	MP-13	X	-.005	1
5	MP-3	X	-.014	2
6	MP-4	X	-.038	.25
7	MP-4	X	-.012	2
8	MP-5	X	-.012	.25
9	MP-5	X	-.009	2
10	MP-7	X	-.021	.25

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP-14	X	-.004	1
12	MP-7	X	-.011	2
13	MP-8	X	-.021	.25
14	MP-8	X	-.011	2
15	MP-9	X	-.018	.25
16	MP-9	X	-.013	2
17	MP-11	X	-.038	.25
18	MP-15	X	-.005	1
19	MP-11	X	-.014	2
20	MP-12	X	-.038	.25
21	MP-12	X	-.012	2
22	MP-6	X	-.009	3
23	MP-10	X	-.024	3
24	MP-1	X	-.018	4.25
25	MP-3	X	-.038	5.75
26	MP-4	X	-.038	5.75
27	MP-5	X	-.012	4.25
28	MP-7	X	-.021	5.75
29	MP-8	X	-.021	5.75
30	MP-9	X	-.018	4.25
31	MP-11	X	-.038	5.75
32	MP-12	X	-.038	5.75
33	MP-1	Z	-.01	.25
34	MP-1	Z	-.008	2
35	MP-3	Z	-.022	.25
36	MP-13	Z	-.003	1
37	MP-3	Z	-.008	2
38	MP-4	Z	-.022	.25
39	MP-4	Z	-.007	2
40	MP-5	Z	-.007	.25
41	MP-5	Z	-.005	2
42	MP-7	Z	-.012	.25
43	MP-14	Z	-.003	1
44	MP-7	Z	-.007	2
45	MP-8	Z	-.012	.25
46	MP-8	Z	-.006	2
47	MP-9	Z	-.01	.25
48	MP-9	Z	-.008	2
49	MP-11	Z	-.022	.25
50	MP-15	Z	-.003	1
51	MP-11	Z	-.008	2
52	MP-12	Z	-.022	.25
53	MP-12	Z	-.007	2
54	MP-6	Z	-.005	3
55	MP-10	Z	-.014	3
56	MP-1	Z	-.01	4.25
57	MP-3	Z	-.022	5.75
58	MP-4	Z	-.022	5.75
59	MP-5	Z	-.007	4.25
60	MP-7	Z	-.012	5.75
61	MP-8	Z	-.012	5.75
62	MP-9	Z	-.01	4.25

Member Point Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
63	MP-11	Z	-.022	5.75
64	MP-12	Z	-.022	5.75

Member Point Loads (BLC 21 : 45 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.013	.25
2	MP-1	X	-.01	2
3	MP-3	X	-.026	.25
4	MP-13	X	-.004	1
5	MP-3	X	-.011	2
6	MP-4	X	-.026	.25
7	MP-4	X	-.01	2
8	MP-5	X	-.01	.25
9	MP-5	X	-.008	2
10	MP-7	X	-.019	.25
11	MP-14	X	-.004	1
12	MP-7	X	-.01	2
13	MP-8	X	-.019	.25
14	MP-8	X	-.009	2
15	MP-9	X	-.016	.25
16	MP-9	X	-.011	2
17	MP-11	X	-.034	.25
18	MP-15	X	-.004	1
19	MP-11	X	-.012	2
20	MP-12	X	-.034	.25
21	MP-12	X	-.01	2
22	MP-6	X	-.007	3
23	MP-10	X	-.018	3
24	MP-1	X	-.013	4.25
25	MP-3	X	-.026	5.75
26	MP-4	X	-.026	5.75
27	MP-5	X	-.01	4.25
28	MP-7	X	-.019	5.75
29	MP-8	X	-.019	5.75
30	MP-9	X	-.016	4.25
31	MP-11	X	-.034	5.75
32	MP-12	X	-.034	5.75
33	MP-1	Z	-.013	.25
34	MP-1	Z	-.01	2
35	MP-3	Z	-.026	.25
36	MP-13	Z	-.004	1
37	MP-3	Z	-.011	2
38	MP-4	Z	-.026	.25
39	MP-4	Z	-.01	2
40	MP-5	Z	-.01	.25
41	MP-5	Z	-.008	2
42	MP-7	Z	-.019	.25
43	MP-14	Z	-.004	1
44	MP-7	Z	-.01	2
45	MP-8	Z	-.019	.25
46	MP-8	Z	-.009	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
47	MP-9	Z	-.016	.25
48	MP-9	Z	-.011	2
49	MP-11	Z	-.034	.25
50	MP-15	Z	-.004	1
51	MP-11	Z	-.012	2
52	MP-12	Z	-.034	.25
53	MP-12	Z	-.01	2
54	MP-6	Z	-.007	3
55	MP-10	Z	-.018	3
56	MP-1	Z	-.013	4.25
57	MP-3	Z	-.026	5.75
58	MP-4	Z	-.026	5.75
59	MP-5	Z	-.01	4.25
60	MP-7	Z	-.019	5.75
61	MP-8	Z	-.019	5.75
62	MP-9	Z	-.016	4.25
63	MP-11	Z	-.034	5.75
64	MP-12	Z	-.034	5.75

Member Point Loads (BLC 22 : 60 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.008	.25
2	MP-1	X	-.006	2
3	MP-3	X	-.015	.25
4	MP-13	X	-.003	1
5	MP-3	X	-.007	2
6	MP-4	X	-.015	.25
7	MP-4	X	-.007	2
8	MP-5	X	-.008	.25
9	MP-5	X	-.006	2
10	MP-7	X	-.015	.25
11	MP-14	X	-.003	1
12	MP-7	X	-.007	2
13	MP-8	X	-.015	.25
14	MP-8	X	-.007	2
15	MP-9	X	-.012	.25
16	MP-9	X	-.008	2
17	MP-11	X	-.025	.25
18	MP-15	X	-.003	1
19	MP-11	X	-.009	2
20	MP-12	X	-.025	.25
21	MP-12	X	-.007	2
22	MP-6	X	-.005	3
23	MP-10	X	-.012	3
24	MP-1	X	-.008	4.25
25	MP-3	X	-.015	5.75
26	MP-4	X	-.015	5.75
27	MP-5	X	-.008	4.25
28	MP-7	X	-.015	5.75
29	MP-8	X	-.015	5.75
30	MP-9	X	-.012	4.25

Member Point Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
31	MP-11	X	-.025	5.75
32	MP-12	X	-.025	5.75
33	MP-1	Z	-.014	.25
34	MP-1	Z	-.01	2
35	MP-3	Z	-.027	.25
36	MP-13	Z	-.005	1
37	MP-3	Z	-.012	2
38	MP-4	Z	-.027	.25
39	MP-4	Z	-.011	2
40	MP-5	Z	-.014	.25
41	MP-5	Z	-.01	2
42	MP-7	Z	-.027	.25
43	MP-14	Z	-.005	1
44	MP-7	Z	-.012	2
45	MP-8	Z	-.027	.25
46	MP-8	Z	-.011	2
47	MP-9	Z	-.02	.25
48	MP-9	Z	-.014	2
49	MP-11	Z	-.043	.25
50	MP-15	Z	-.005	1
51	MP-11	Z	-.015	2
52	MP-12	Z	-.043	.25
53	MP-12	Z	-.013	2
54	MP-6	Z	-.009	3
55	MP-10	Z	-.021	3
56	MP-1	Z	-.014	4.25
57	MP-3	Z	-.027	5.75
58	MP-4	Z	-.027	5.75
59	MP-5	Z	-.014	4.25
60	MP-7	Z	-.027	5.75
61	MP-8	Z	-.027	5.75
62	MP-9	Z	-.02	4.25
63	MP-11	Z	-.043	5.75
64	MP-12	Z	-.043	5.75

Member Point Loads (BLC 23 : 90 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	-.014	.25
2	MP-1	Z	-.01	2
3	MP-3	Z	-.025	.25
4	MP-13	Z	-.005	1
5	MP-3	Z	-.013	2
6	MP-4	Z	-.025	.25
7	MP-4	Z	-.013	2
8	MP-5	Z	-.014	.25
9	MP-5	Z	-.01	2
10	MP-7	Z	-.025	.25
11	MP-14	Z	-.005	1
12	MP-7	Z	-.013	2
13	MP-8	Z	-.025	.25
14	MP-8	Z	-.013	2

Member Point Loads (BLC 23 : 90 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
15	MP-9	Z	-.014	.25
16	MP-9	Z	-.01	2
17	MP-11	Z	-.025	.25
18	MP-15	Z	-.005	1
19	MP-11	Z	-.013	2
20	MP-12	Z	-.025	.25
21	MP-12	Z	-.013	2
22	MP-6	Z	-.011	3
23	MP-10	Z	-.04	3
24	MP-1	Z	-.014	4.25
25	MP-3	Z	-.025	5.75
26	MP-4	Z	-.025	5.75
27	MP-5	Z	-.014	4.25
28	MP-7	Z	-.025	5.75
29	MP-8	Z	-.025	5.75
30	MP-9	Z	-.014	4.25
31	MP-11	Z	-.025	5.75
32	MP-12	Z	-.025	5.75

Member Point Loads (BLC 24 : 120 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.008	.25
2	MP-1	X	.006	2
3	MP-3	X	.015	.25
4	MP-13	X	.003	1
5	MP-3	X	.007	2
6	MP-4	X	.015	.25
7	MP-4	X	.007	2
8	MP-5	X	.012	.25
9	MP-5	X	.008	2
10	MP-7	X	.025	.25
11	MP-14	X	.003	1
12	MP-7	X	.009	2
13	MP-8	X	.025	.25
14	MP-8	X	.007	2
15	MP-9	X	.008	.25
16	MP-9	X	.006	2
17	MP-11	X	.015	.25
18	MP-15	X	.003	1
19	MP-11	X	.007	2
20	MP-12	X	.015	.25
21	MP-12	X	.007	2
22	MP-6	X	.005	3
23	MP-10	X	.018	3
24	MP-1	X	.008	4.25
25	MP-3	X	.015	5.75
26	MP-4	X	.015	5.75
27	MP-5	X	.012	4.25
28	MP-7	X	.025	5.75
29	MP-8	X	.025	5.75
30	MP-9	X	.008	4.25

Member Point Loads (BLC 24 : 120 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
31	MP-11	X	.015	5.75
32	MP-12	X	.015	5.75
33	MP-1	Z	-.014	.25
34	MP-1	Z	-.01	2
35	MP-3	Z	-.027	.25
36	MP-13	Z	-.005	1
37	MP-3	Z	-.012	2
38	MP-4	Z	-.027	.25
39	MP-4	Z	-.011	2
40	MP-5	Z	-.02	.25
41	MP-5	Z	-.014	2
42	MP-7	Z	-.043	.25
43	MP-14	Z	-.005	1
44	MP-7	Z	-.015	2
45	MP-8	Z	-.043	.25
46	MP-8	Z	-.013	2
47	MP-9	Z	-.014	.25
48	MP-9	Z	-.01	2
49	MP-11	Z	-.027	.25
50	MP-15	Z	-.005	1
51	MP-11	Z	-.012	2
52	MP-12	Z	-.027	.25
53	MP-12	Z	-.011	2
54	MP-6	Z	-.009	3
55	MP-10	Z	-.031	3
56	MP-1	Z	-.014	4.25
57	MP-3	Z	-.027	5.75
58	MP-4	Z	-.027	5.75
59	MP-5	Z	-.02	4.25
60	MP-7	Z	-.043	5.75
61	MP-8	Z	-.043	5.75
62	MP-9	Z	-.014	4.25
63	MP-11	Z	-.027	5.75
64	MP-12	Z	-.027	5.75

Member Point Loads (BLC 25 : 135 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.013	.25
2	MP-1	X	.01	2
3	MP-3	X	.026	.25
4	MP-13	X	.004	1
5	MP-3	X	.011	2
6	MP-4	X	.026	.25
7	MP-4	X	.01	2
8	MP-5	X	.016	.25
9	MP-5	X	.011	2
10	MP-7	X	.034	.25
11	MP-14	X	.004	1
12	MP-7	X	.012	2
13	MP-8	X	.034	.25
14	MP-8	X	.01	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 25 : 135 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
15	MP-9	X	.01	.25
16	MP-9	X	.008	2
17	MP-11	X	.019	.25
18	MP-15	X	.004	1
19	MP-11	X	.01	2
20	MP-12	X	.019	.25
21	MP-12	X	.009	2
22	MP-6	X	.007	3
23	MP-10	X	.027	3
24	MP-1	X	.013	4.25
25	MP-3	X	.026	5.75
26	MP-4	X	.026	5.75
27	MP-5	X	.016	4.25
28	MP-7	X	.034	5.75
29	MP-8	X	.034	5.75
30	MP-9	X	.01	4.25
31	MP-11	X	.019	5.75
32	MP-12	X	.019	5.75
33	MP-1	Z	-.013	.25
34	MP-1	Z	-.01	2
35	MP-3	Z	-.026	.25
36	MP-13	Z	-.004	1
37	MP-3	Z	-.011	2
38	MP-4	Z	-.026	.25
39	MP-4	Z	-.01	2
40	MP-5	Z	-.016	.25
41	MP-5	Z	-.011	2
42	MP-7	Z	-.034	.25
43	MP-14	Z	-.004	1
44	MP-7	Z	-.012	2
45	MP-8	Z	-.034	.25
46	MP-8	Z	-.01	2
47	MP-9	Z	-.01	.25
48	MP-9	Z	-.008	2
49	MP-11	Z	-.019	.25
50	MP-15	Z	-.004	1
51	MP-11	Z	-.01	2
52	MP-12	Z	-.019	.25
53	MP-12	Z	-.009	2
54	MP-6	Z	-.007	3
55	MP-10	Z	-.027	3
56	MP-1	Z	-.013	4.25
57	MP-3	Z	-.026	5.75
58	MP-4	Z	-.026	5.75
59	MP-5	Z	-.016	4.25
60	MP-7	Z	-.034	5.75
61	MP-8	Z	-.034	5.75
62	MP-9	Z	-.01	4.25
63	MP-11	Z	-.019	5.75
64	MP-12	Z	-.019	5.75

Member Point Loads (BLC 26 : 150 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.018	.25
2	MP-1	X	.013	2
3	MP-3	X	.038	.25
4	MP-13	X	.005	1
5	MP-3	X	.014	2
6	MP-4	X	.038	.25
7	MP-4	X	.012	2
8	MP-5	X	.018	.25
9	MP-5	X	.013	2
10	MP-7	X	.038	.25
11	MP-14	X	.005	1
12	MP-7	X	.014	2
13	MP-8	X	.038	.25
14	MP-8	X	.012	2
15	MP-9	X	.012	.25
16	MP-9	X	.009	2
17	MP-11	X	.021	.25
18	MP-15	X	.004	1
19	MP-11	X	.011	2
20	MP-12	X	.021	.25
21	MP-12	X	.011	2
22	MP-6	X	.009	3
23	MP-10	X	.034	3
24	MP-1	X	.018	4.25
25	MP-3	X	.038	5.75
26	MP-4	X	.038	5.75
27	MP-5	X	.018	4.25
28	MP-7	X	.038	5.75
29	MP-8	X	.038	5.75
30	MP-9	X	.012	4.25
31	MP-11	X	.021	5.75
32	MP-12	X	.021	5.75
33	MP-1	Z	-.01	.25
34	MP-1	Z	-.008	2
35	MP-3	Z	-.022	.25
36	MP-13	Z	-.003	1
37	MP-3	Z	-.008	2
38	MP-4	Z	-.022	.25
39	MP-4	Z	-.007	2
40	MP-5	Z	-.01	.25
41	MP-5	Z	-.008	2
42	MP-7	Z	-.022	.25
43	MP-14	Z	-.003	1
44	MP-7	Z	-.008	2
45	MP-8	Z	-.022	.25
46	MP-8	Z	-.007	2
47	MP-9	Z	-.007	.25
48	MP-9	Z	-.005	2
49	MP-11	Z	-.012	.25
50	MP-15	Z	-.003	1
51	MP-11	Z	-.007	2
52	MP-12	Z	-.012	.25

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP-12	Z	-.006	2
54	MP-6	Z	-.005	3
55	MP-10	Z	-.02	3
56	MP-1	Z	-.01	4.25
57	MP-3	Z	-.022	5.75
58	MP-4	Z	-.022	5.75
59	MP-5	Z	-.01	4.25
60	MP-7	Z	-.022	5.75
61	MP-8	Z	-.022	5.75
62	MP-9	Z	-.007	4.25
63	MP-11	Z	-.012	5.75
64	MP-12	Z	-.012	5.75

Member Point Loads (BLC 27 : 180 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.023	.25
2	MP-1	X	.017	2
3	MP-3	X	.05	.25
4	MP-13	X	.006	1
5	MP-3	X	.018	2
6	MP-4	X	.05	.25
7	MP-4	X	.015	2
8	MP-5	X	.023	.25
9	MP-5	X	.017	2
10	MP-7	X	.05	.25
11	MP-14	X	.006	1
12	MP-7	X	.018	2
13	MP-8	X	.05	.25
14	MP-8	X	.015	2
15	MP-9	X	.023	.25
16	MP-9	X	.017	2
17	MP-11	X	.05	.25
18	MP-15	X	.006	1
19	MP-11	X	.018	2
20	MP-12	X	.05	.25
21	MP-12	X	.015	2
22	MP-6	X	.011	3
23	MP-10	X	.024	3
24	MP-1	X	.023	4.25
25	MP-3	X	.05	5.75
26	MP-4	X	.05	5.75
27	MP-5	X	.023	4.25
28	MP-7	X	.05	5.75
29	MP-8	X	.05	5.75
30	MP-9	X	.023	4.25
31	MP-11	X	.05	5.75
32	MP-12	X	.05	5.75

Member Point Loads (BLC 28 : 210 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.018	.25

Member Point Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
2	MP-1	X	.013	2
3	MP-3	X	.038	.25
4	MP-13	X	.005	1
5	MP-3	X	.014	2
6	MP-4	X	.038	.25
7	MP-4	X	.012	2
8	MP-5	X	.012	.25
9	MP-5	X	.009	2
10	MP-7	X	.021	.25
11	MP-14	X	.004	1
12	MP-7	X	.011	2
13	MP-8	X	.021	.25
14	MP-8	X	.011	2
15	MP-9	X	.018	.25
16	MP-9	X	.013	2
17	MP-11	X	.038	.25
18	MP-15	X	.005	1
19	MP-11	X	.014	2
20	MP-12	X	.038	.25
21	MP-12	X	.012	2
22	MP-6	X	.009	3
23	MP-10	X	.024	3
24	MP-1	X	.018	4.25
25	MP-3	X	.038	5.75
26	MP-4	X	.038	5.75
27	MP-5	X	.012	4.25
28	MP-7	X	.021	5.75
29	MP-8	X	.021	5.75
30	MP-9	X	.018	4.25
31	MP-11	X	.038	5.75
32	MP-12	X	.038	5.75
33	MP-1	Z	.01	.25
34	MP-1	Z	.008	2
35	MP-3	Z	.022	.25
36	MP-13	Z	.003	1
37	MP-3	Z	.008	2
38	MP-4	Z	.022	.25
39	MP-4	Z	.007	2
40	MP-5	Z	.007	.25
41	MP-5	Z	.005	2
42	MP-7	Z	.012	.25
43	MP-14	Z	.003	1
44	MP-7	Z	.007	2
45	MP-8	Z	.012	.25
46	MP-8	Z	.006	2
47	MP-9	Z	.01	.25
48	MP-9	Z	.008	2
49	MP-11	Z	.022	.25
50	MP-15	Z	.003	1
51	MP-11	Z	.008	2
52	MP-12	Z	.022	.25
53	MP-12	Z	.007	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
54	MP-6	Z	.005	3
55	MP-10	Z	.014	3
56	MP-1	Z	.01	4.25
57	MP-3	Z	.022	5.75
58	MP-4	Z	.022	5.75
59	MP-5	Z	.007	4.25
60	MP-7	Z	.012	5.75
61	MP-8	Z	.012	5.75
62	MP-9	Z	.01	4.25
63	MP-11	Z	.022	5.75
64	MP-12	Z	.022	5.75

Member Point Loads (BLC 29 : 225 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.013	.25
2	MP-1	X	.01	2
3	MP-3	X	.026	.25
4	MP-13	X	.004	1
5	MP-3	X	.011	2
6	MP-4	X	.026	.25
7	MP-4	X	.01	2
8	MP-5	X	.01	.25
9	MP-5	X	.008	2
10	MP-7	X	.019	.25
11	MP-14	X	.004	1
12	MP-7	X	.01	2
13	MP-8	X	.019	.25
14	MP-8	X	.009	2
15	MP-9	X	.016	.25
16	MP-9	X	.011	2
17	MP-11	X	.034	.25
18	MP-15	X	.004	1
19	MP-11	X	.012	2
20	MP-12	X	.034	.25
21	MP-12	X	.01	2
22	MP-6	X	.007	3
23	MP-10	X	.018	3
24	MP-1	X	.013	4.25
25	MP-3	X	.026	5.75
26	MP-4	X	.026	5.75
27	MP-5	X	.01	4.25
28	MP-7	X	.019	5.75
29	MP-8	X	.019	5.75
30	MP-9	X	.016	4.25
31	MP-11	X	.034	5.75
32	MP-12	X	.034	5.75
33	MP-1	Z	.013	.25
34	MP-1	Z	.01	2
35	MP-3	Z	.026	.25
36	MP-13	Z	.004	1
37	MP-3	Z	.011	2

Member Point Loads (BLC 29 : 225 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
38	MP-4	Z	.026	.25
39	MP-4	Z	.01	2
40	MP-5	Z	.01	.25
41	MP-5	Z	.008	2
42	MP-7	Z	.019	.25
43	MP-14	Z	.004	1
44	MP-7	Z	.01	2
45	MP-8	Z	.019	.25
46	MP-8	Z	.009	2
47	MP-9	Z	.016	.25
48	MP-9	Z	.011	2
49	MP-11	Z	.034	.25
50	MP-15	Z	.004	1
51	MP-11	Z	.012	2
52	MP-12	Z	.034	.25
53	MP-12	Z	.01	2
54	MP-6	Z	.007	3
55	MP-10	Z	.018	3
56	MP-1	Z	.013	4.25
57	MP-3	Z	.026	5.75
58	MP-4	Z	.026	5.75
59	MP-5	Z	.01	4.25
60	MP-7	Z	.019	5.75
61	MP-8	Z	.019	5.75
62	MP-9	Z	.016	4.25
63	MP-11	Z	.034	5.75
64	MP-12	Z	.034	5.75

Member Point Loads (BLC 30 : 240 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.008	.25
2	MP-1	X	.006	2
3	MP-3	X	.015	.25
4	MP-13	X	.003	1
5	MP-3	X	.007	2
6	MP-4	X	.015	.25
7	MP-4	X	.007	2
8	MP-5	X	.008	.25
9	MP-5	X	.006	2
10	MP-7	X	.015	.25
11	MP-14	X	.003	1
12	MP-7	X	.007	2
13	MP-8	X	.015	.25
14	MP-8	X	.007	2
15	MP-9	X	.012	.25
16	MP-9	X	.008	2
17	MP-11	X	.025	.25
18	MP-15	X	.003	1
19	MP-11	X	.009	2
20	MP-12	X	.025	.25
21	MP-12	X	.007	2

Member Point Loads (BLC 30 : 240 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP-6	X	.005	3
23	MP-10	X	.012	3
24	MP-1	X	.008	4.25
25	MP-3	X	.015	5.75
26	MP-4	X	.015	5.75
27	MP-5	X	.008	4.25
28	MP-7	X	.015	5.75
29	MP-8	X	.015	5.75
30	MP-9	X	.012	4.25
31	MP-11	X	.025	5.75
32	MP-12	X	.025	5.75
33	MP-1	Z	.014	.25
34	MP-1	Z	.01	2
35	MP-3	Z	.027	.25
36	MP-13	Z	.005	1
37	MP-3	Z	.012	2
38	MP-4	Z	.027	.25
39	MP-4	Z	.011	2
40	MP-5	Z	.014	.25
41	MP-5	Z	.01	2
42	MP-7	Z	.027	.25
43	MP-14	Z	.005	1
44	MP-7	Z	.012	2
45	MP-8	Z	.027	.25
46	MP-8	Z	.011	2
47	MP-9	Z	.02	.25
48	MP-9	Z	.014	2
49	MP-11	Z	.043	.25
50	MP-15	Z	.005	1
51	MP-11	Z	.015	2
52	MP-12	Z	.043	.25
53	MP-12	Z	.013	2
54	MP-6	Z	.009	3
55	MP-10	Z	.021	3
56	MP-1	Z	.014	4.25
57	MP-3	Z	.027	5.75
58	MP-4	Z	.027	5.75
59	MP-5	Z	.014	4.25
60	MP-7	Z	.027	5.75
61	MP-8	Z	.027	5.75
62	MP-9	Z	.02	4.25
63	MP-11	Z	.043	5.75
64	MP-12	Z	.043	5.75

Member Point Loads (BLC 31 : 270 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	.014	.25
2	MP-1	Z	.01	2
3	MP-3	Z	.025	.25
4	MP-13	Z	.005	1
5	MP-3	Z	.013	2

Member Point Loads (BLC 31 : 270 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP-4	Z	.025	.25
7	MP-4	Z	.013	2
8	MP-5	Z	.014	.25
9	MP-5	Z	.01	2
10	MP-7	Z	.025	.25
11	MP-14	Z	.005	1
12	MP-7	Z	.013	2
13	MP-8	Z	.025	.25
14	MP-8	Z	.013	2
15	MP-9	Z	.014	.25
16	MP-9	Z	.01	2
17	MP-11	Z	.025	.25
18	MP-15	Z	.005	1
19	MP-11	Z	.013	2
20	MP-12	Z	.025	.25
21	MP-12	Z	.013	2
22	MP-6	Z	.011	3
23	MP-10	Z	.04	3
24	MP-1	Z	.014	4.25
25	MP-3	Z	.025	5.75
26	MP-4	Z	.025	5.75
27	MP-5	Z	.014	4.25
28	MP-7	Z	.025	5.75
29	MP-8	Z	.025	5.75
30	MP-9	Z	.014	4.25
31	MP-11	Z	.025	5.75
32	MP-12	Z	.025	5.75

Member Point Loads (BLC 32 : 300 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.008	.25
2	MP-1	X	-.006	2
3	MP-3	X	-.015	.25
4	MP-13	X	-.003	1
5	MP-3	X	-.007	2
6	MP-4	X	-.015	.25
7	MP-4	X	-.007	2
8	MP-5	X	-.012	.25
9	MP-5	X	-.008	2
10	MP-7	X	-.025	.25
11	MP-14	X	-.003	1
12	MP-7	X	-.009	2
13	MP-8	X	-.025	.25
14	MP-8	X	-.007	2
15	MP-9	X	-.008	.25
16	MP-9	X	-.006	2
17	MP-11	X	-.015	.25
18	MP-15	X	-.003	1
19	MP-11	X	-.007	2
20	MP-12	X	-.015	.25
21	MP-12	X	-.007	2

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 32 : 300 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP-6	X	-.005	3
23	MP-10	X	-.018	3
24	MP-1	X	-.008	4.25
25	MP-3	X	-.015	5.75
26	MP-4	X	-.015	5.75
27	MP-5	X	-.012	4.25
28	MP-7	X	-.025	5.75
29	MP-8	X	-.025	5.75
30	MP-9	X	-.008	4.25
31	MP-11	X	-.015	5.75
32	MP-12	X	-.015	5.75
33	MP-1	Z	.014	.25
34	MP-1	Z	.01	2
35	MP-3	Z	.027	.25
36	MP-13	Z	.005	1
37	MP-3	Z	.012	2
38	MP-4	Z	.027	.25
39	MP-4	Z	.011	2
40	MP-5	Z	.02	.25
41	MP-5	Z	.014	2
42	MP-7	Z	.043	.25
43	MP-14	Z	.005	1
44	MP-7	Z	.015	2
45	MP-8	Z	.043	.25
46	MP-8	Z	.013	2
47	MP-9	Z	.014	.25
48	MP-9	Z	.01	2
49	MP-11	Z	.027	.25
50	MP-15	Z	.005	1
51	MP-11	Z	.012	2
52	MP-12	Z	.027	.25
53	MP-12	Z	.011	2
54	MP-6	Z	.009	3
55	MP-10	Z	.031	3
56	MP-1	Z	.014	4.25
57	MP-3	Z	.027	5.75
58	MP-4	Z	.027	5.75
59	MP-5	Z	.02	4.25
60	MP-7	Z	.043	5.75
61	MP-8	Z	.043	5.75
62	MP-9	Z	.014	4.25
63	MP-11	Z	.027	5.75
64	MP-12	Z	.027	5.75

Member Point Loads (BLC 33 : 315 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.013	.25
2	MP-1	X	-.01	2
3	MP-3	X	-.026	.25
4	MP-13	X	-.004	1
5	MP-3	X	-.011	2

Member Point Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP-4	X	-.026	.25
7	MP-4	X	-.01	2
8	MP-5	X	-.016	.25
9	MP-5	X	-.011	2
10	MP-7	X	-.034	.25
11	MP-14	X	-.004	1
12	MP-7	X	-.012	2
13	MP-8	X	-.034	.25
14	MP-8	X	-.01	2
15	MP-9	X	-.01	.25
16	MP-9	X	-.008	2
17	MP-11	X	-.019	.25
18	MP-15	X	-.004	1
19	MP-11	X	-.01	2
20	MP-12	X	-.019	.25
21	MP-12	X	-.009	2
22	MP-6	X	-.007	3
23	MP-10	X	-.027	3
24	MP-1	X	-.013	4.25
25	MP-3	X	-.026	5.75
26	MP-4	X	-.026	5.75
27	MP-5	X	-.016	4.25
28	MP-7	X	-.034	5.75
29	MP-8	X	-.034	5.75
30	MP-9	X	-.01	4.25
31	MP-11	X	-.019	5.75
32	MP-12	X	-.019	5.75
33	MP-1	Z	.013	.25
34	MP-1	Z	.01	2
35	MP-3	Z	.026	.25
36	MP-13	Z	.004	1
37	MP-3	Z	.011	2
38	MP-4	Z	.026	.25
39	MP-4	Z	.01	2
40	MP-5	Z	.016	.25
41	MP-5	Z	.011	2
42	MP-7	Z	.034	.25
43	MP-14	Z	.004	1
44	MP-7	Z	.012	2
45	MP-8	Z	.034	.25
46	MP-8	Z	.01	2
47	MP-9	Z	.01	.25
48	MP-9	Z	.008	2
49	MP-11	Z	.019	.25
50	MP-15	Z	.004	1
51	MP-11	Z	.01	2
52	MP-12	Z	.019	.25
53	MP-12	Z	.009	2
54	MP-6	Z	.007	3
55	MP-10	Z	.027	3
56	MP-1	Z	.013	4.25
57	MP-3	Z	.026	5.75

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Point Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP-4	Z	.026	5.75
59	MP-5	Z	.016	4.25
60	MP-7	Z	.034	5.75
61	MP-8	Z	.034	5.75
62	MP-9	Z	.01	4.25
63	MP-11	Z	.019	5.75
64	MP-12	Z	.019	5.75

Member Point Loads (BLC 34 : 330 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.018	.25
2	MP-1	X	-.013	2
3	MP-3	X	-.038	.25
4	MP-13	X	-.005	1
5	MP-3	X	-.014	2
6	MP-4	X	-.038	.25
7	MP-4	X	-.012	2
8	MP-5	X	-.018	.25
9	MP-5	X	-.013	2
10	MP-7	X	-.038	.25
11	MP-14	X	-.005	1
12	MP-7	X	-.014	2
13	MP-8	X	-.038	.25
14	MP-8	X	-.012	2
15	MP-9	X	-.012	.25
16	MP-9	X	-.009	2
17	MP-11	X	-.021	.25
18	MP-15	X	-.004	1
19	MP-11	X	-.011	2
20	MP-12	X	-.021	.25
21	MP-12	X	-.011	2
22	MP-6	X	-.009	3
23	MP-10	X	-.034	3
24	MP-1	X	-.018	4.25
25	MP-3	X	-.038	5.75
26	MP-4	X	-.038	5.75
27	MP-5	X	-.018	4.25
28	MP-7	X	-.038	5.75
29	MP-8	X	-.038	5.75
30	MP-9	X	-.012	4.25
31	MP-11	X	-.021	5.75
32	MP-12	X	-.021	5.75
33	MP-1	Z	.01	.25
34	MP-1	Z	.008	2
35	MP-3	Z	.022	.25
36	MP-13	Z	.003	1
37	MP-3	Z	.008	2
38	MP-4	Z	.022	.25
39	MP-4	Z	.007	2
40	MP-5	Z	.01	.25
41	MP-5	Z	.008	2

Member Point Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP-7	Z	.022	.25
43	MP-14	Z	.003	1
44	MP-7	Z	.008	2
45	MP-8	Z	.022	.25
46	MP-8	Z	.007	2
47	MP-9	Z	.007	.25
48	MP-9	Z	.005	2
49	MP-11	Z	.012	.25
50	MP-15	Z	.003	1
51	MP-11	Z	.007	2
52	MP-12	Z	.012	.25
53	MP-12	Z	.006	2
54	MP-6	Z	.005	3
55	MP-10	Z	.02	3
56	MP-1	Z	.01	4.25
57	MP-3	Z	.022	5.75
58	MP-4	Z	.022	5.75
59	MP-5	Z	.01	4.25
60	MP-7	Z	.022	5.75
61	MP-8	Z	.022	5.75
62	MP-9	Z	.007	4.25
63	MP-11	Z	.012	5.75
64	MP-12	Z	.012	5.75

Member Point Loads (BLC 37 : Seismic Load X)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.018	.25
2	MP-1	X	-.06	2
3	MP-3	X	-.04	.25
4	MP-13	X	-.016	1
5	MP-3	X	-.071	2
6	MP-4	X	-.04	.25
7	MP-4	X	-.072	2
8	MP-5	X	-.018	.25
9	MP-5	X	-.06	2
10	MP-7	X	-.04	.25
11	MP-14	X	-.016	1
12	MP-7	X	-.071	2
13	MP-8	X	-.04	.25
14	MP-8	X	-.072	2
15	MP-9	X	-.018	.25
16	MP-9	X	-.06	2
17	MP-11	X	-.04	.25
18	MP-15	X	-.016	1
19	MP-11	X	-.071	2
20	MP-12	X	-.04	.25
21	MP-12	X	-.072	2
22	MP-6	X	-.033	3
23	MP-10	X	-.026	3
24	MP-1	X	-.018	4.25
25	MP-3	X	-.04	5.75

Member Point Loads (BLC 37 : Seismic Load X) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP-4	X	-.04	5.75
27	MP-5	X	-.018	4.25
28	MP-7	X	-.04	5.75
29	MP-8	X	-.04	5.75
30	MP-9	X	-.018	4.25
31	MP-11	X	-.04	5.75
32	MP-12	X	-.04	5.75

Member Point Loads (BLC 38 : Seismic Load Z)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	-.018	.25
2	MP-1	Z	-.06	2
3	MP-3	Z	-.04	.25
4	MP-13	Z	-.016	1
5	MP-3	Z	-.071	2
6	MP-4	Z	-.04	.25
7	MP-4	Z	-.072	2
8	MP-5	Z	-.018	.25
9	MP-5	Z	-.06	2
10	MP-7	Z	-.04	.25
11	MP-14	Z	-.016	1
12	MP-7	Z	-.071	2
13	MP-8	Z	-.04	.25
14	MP-8	Z	-.072	2
15	MP-9	Z	-.018	.25
16	MP-9	Z	-.06	2
17	MP-11	Z	-.04	.25
18	MP-15	Z	-.016	1
19	MP-11	Z	-.071	2
20	MP-12	Z	-.04	.25
21	MP-12	Z	-.072	2
22	MP-6	Z	-.033	3
23	MP-10	Z	-.026	3
24	MP-1	Z	-.018	4.25
25	MP-3	Z	-.04	5.75
26	MP-4	Z	-.04	5.75
27	MP-5	Z	-.018	4.25
28	MP-7	Z	-.04	5.75
29	MP-8	Z	-.04	5.75
30	MP-9	Z	-.018	4.25
31	MP-11	Z	-.04	5.75
32	MP-12	Z	-.04	5.75

Member Distributed Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.004	-.004	0	%100
2	ANG-2	X	-.009	-.009	0	%100
3	ANG-3	X	-.004	-.004	0	%100
4	ANG-4	X	-.004	-.004	0	%100
5	ANG-5	X	-.004	-.004	0	%100

Member Distributed Loads (BLC 2 : 0 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
6	ANG-6	X	-.009	-.009	0	%100
7	ANG-7	X	-.004	-.004	0	%100
8	ANG-8	X	-.004	-.004	0	%100
9	ANG-9	X	-.004	-.004	0	%100
10	ANG-10	X	-.004	-.004	0	%100
11	ANG-11	X	-.004	-.004	0	%100
12	ANG-12	X	-.009	-.009	0	%100
13	ANG-13	X	-.004	-.004	0	%100
14	ANG-14	X	-.004	-.004	0	%100
15	ANG-15	X	-.004	-.004	0	%100
16	ANG-16	X	-.009	-.009	0	%100
17	ANG-17	X	-.008	-.008	0	%100
18	ANG-18	X	-.004	-.004	0	%100
19	ANG-19	X	-.01	-.01	0	%100
20	ANG-20	X	-.004	-.004	0	%100
21	ANG-21	X	-.008	-.008	0	%100
22	ANG-22	X	-.004	-.004	0	%100
23	ANG-23	X	-.01	-.01	0	%100
24	ANG-24	X	-.004	-.004	0	%100
25	CH-1	X	-.017	-.017	0	%100
26	CH-2	X	-.017	-.017	0	%100
27	CH-3	X	-.019	-.019	0	%100
28	CH-4	X	-.008	-.008	0	%100
29	CH-5	X	-.008	-.008	0	%100
30	CH-6	X	-.008	-.008	0	%100
31	CH-7	X	-.008	-.008	0	%100
32	CH-8	X	-.008	-.008	0	%100
33	CH-9	X	-.008	-.008	0	%100
34	CH-10	X	-.017	-.017	0	%100
35	CH-11	X	-.017	-.017	0	%100
36	CH-12	X	-.017	-.017	0	%100
37	CH-13	X	-.017	-.017	0	%100
38	CH-14	X	0	0	0	%100
39	CH-15	X	0	0	0	%100
40	CP-1	X	-.031	-.031	0	%100
41	CP-2	X	-.031	-.031	0	%100
42	CP-3	X	-.015	-.015	0	%100
43	CP-4	X	-.015	-.015	0	%100
44	CP-5	X	-.015	-.015	0	%100
45	CP-6	X	-.015	-.015	0	%100
46	FFTH	X	-.009	-.009	0	%100
47	SF1-TH	X	-.005	-.005	0	%100
48	SF2-TH	X	-.005	-.005	0	%100
49	GSI-1	X	-.007	-.007	0	%100
50	GSI-2	X	-.007	-.007	0	%100
51	GSI-3	X	-.019	-.019	0	%100
52	K1	X	-.016	-.016	0	%100
53	K2	X	-.016	-.016	0	%100
54	K3	X	-.016	-.016	0	%100
55	K4	X	-.016	-.016	0	%100
56	K5	X	-.016	-.016	0	%100
57	K6	X	-.016	-.016	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 2 : 0 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
58	MF1	X	-.011	-.011	0	%100
59	MF2	X	-.005	-.005	0	%100
60	MF3	X	-.005	-.005	0	%100
61	MP-1	X	-.009	-.009	0	%100
62	MP-2	X	-.009	-.009	0	%100
63	MP-3	X	-.009	-.009	0	%100
64	MP-4	X	-.009	-.009	0	%100
65	MP-5	X	-.009	-.009	0	%100
66	MP-6	X	-.009	-.009	0	%100
67	MP-7	X	-.009	-.009	0	%100
68	MP-8	X	-.009	-.009	0	%100
69	MP-9	X	-.009	-.009	0	%100
70	MP-10	X	-.009	-.009	0	%100
71	MP-11	X	-.009	-.009	0	%100
72	MP-12	X	-.009	-.009	0	%100
73	MP-13	X	-.008	-.008	0	%100
74	MP-14	X	-.008	-.008	0	%100
75	MP-15	X	-.008	-.008	0	%100
76	PL-1	X	-.023	-.023	0	%100
77	PL-2	X	-.023	-.023	0	%100
78	PL-3	X	-.023	-.023	0	%100
79	PL-4	X	-.023	-.023	0	%100
80	PL-5	X	-.023	-.023	0	%100
81	PL-6	X	-.023	-.023	0	%100
82	SA-1	X	-.007	-.007	0	%100
83	SA-2	X	-.007	-.007	0	%100
84	SA-3	X	0	0	0	%100

Member Distributed Loads (BLC 3 : 30 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.006	-.006	0	%100
2	ANG-2	X	-.007	-.007	0	%100
3	ANG-3	X	-.007	-.007	0	%100
4	ANG-4	X	0	0	0	%100
5	ANG-5	X	-.006	-.006	0	%100
6	ANG-6	X	-.007	-.007	0	%100
7	ANG-7	X	-.007	-.007	0	%100
8	ANG-8	X	0	0	0	%100
9	ANG-9	X	0	0	0	%100
10	ANG-10	X	-.006	-.006	0	%100
11	ANG-11	X	0	0	0	%100
12	ANG-12	X	-.007	-.007	0	%100
13	ANG-13	X	0	0	0	%100
14	ANG-14	X	-.006	-.006	0	%100
15	ANG-15	X	0	0	0	%100
16	ANG-16	X	-.007	-.007	0	%100
17	ANG-17	X	-.006	-.006	0	%100
18	ANG-18	X	0	0	0	%100
19	ANG-19	X	-.008	-.008	0	%100
20	ANG-20	X	-.006	-.006	0	%100
21	ANG-21	X	-.006	-.006	0	%100

Member Distributed Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
22	ANG-22	X	0	0	0	%100
23	ANG-23	X	-.008	-.008	0	%100
24	ANG-24	X	-.006	-.006	0	%100
25	CH-1	X	-.013	-.013	0	%100
26	CH-2	X	-.013	-.013	0	%100
27	CH-3	X	-.015	-.015	0	%100
28	CH-4	X	-.012	-.012	0	%100
29	CH-5	X	-.012	-.012	0	%100
30	CH-6	X	-.013	-.013	0	%100
31	CH-7	X	0	0	0	%100
32	CH-8	X	0	0	0	%100
33	CH-9	X	0	0	0	%100
34	CH-10	X	-.008	-.008	0	%100
35	CH-11	X	-.008	-.008	0	%100
36	CH-12	X	-.017	-.017	0	%100
37	CH-13	X	-.017	-.017	0	%100
38	CH-14	X	-.007	-.007	0	%100
39	CH-15	X	-.007	-.007	0	%100
40	CP-1	X	-.023	-.023	0	%100
41	CP-2	X	-.023	-.023	0	%100
42	CP-3	X	-.023	-.023	0	%100
43	CP-4	X	-.023	-.023	0	%100
44	CP-5	X	0	0	0	%100
45	CP-6	X	0	0	0	%100
46	FFTH	X	-.007	-.007	0	%100
47	SF1-TH	X	-.007	-.007	0	%100
48	SF2-TH	X	0	0	0	%100
49	GSI-1	X	-.011	-.011	0	%100
50	GSI-2	X	0	0	0	%100
51	GSI-3	X	-.014	-.014	0	%100
52	K1	X	-.014	-.014	0	%100
53	K2	X	-.014	-.014	0	%100
54	K3	X	-.014	-.014	0	%100
55	K4	X	-.014	-.014	0	%100
56	K5	X	-.014	-.014	0	%100
57	K6	X	-.014	-.014	0	%100
58	MF1	X	-.008	-.008	0	%100
59	MF2	X	-.008	-.008	0	%100
60	MF3	X	0	0	0	%100
61	MP-1	X	-.008	-.008	0	%100
62	MP-2	X	-.008	-.008	0	%100
63	MP-3	X	-.008	-.008	0	%100
64	MP-4	X	-.008	-.008	0	%100
65	MP-5	X	-.008	-.008	0	%100
66	MP-6	X	-.008	-.008	0	%100
67	MP-7	X	-.008	-.008	0	%100
68	MP-8	X	-.008	-.008	0	%100
69	MP-9	X	-.008	-.008	0	%100
70	MP-10	X	-.008	-.008	0	%100
71	MP-11	X	-.008	-.008	0	%100
72	MP-12	X	-.008	-.008	0	%100
73	MP-13	X	-.007	-.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
74	MP-14	X	-.007	-.007	0	%100
75	MP-15	X	-.007	-.007	0	%100
76	PL-1	X	-.02	-.02	0	%100
77	PL-2	X	-.02	-.02	0	%100
78	PL-3	X	-.02	-.02	0	%100
79	PL-4	X	-.02	-.02	0	%100
80	PL-5	X	-.02	-.02	0	%100
81	PL-6	X	-.02	-.02	0	%100
82	SA-1	X	-.003	-.003	0	%100
83	SA-2	X	-.007	-.007	0	%100
84	SA-3	X	-.003	-.003	0	%100
85	ANG-1	Z	-.004	-.004	0	%100
86	ANG-2	Z	-.004	-.004	0	%100
87	ANG-3	Z	-.004	-.004	0	%100
88	ANG-4	Z	0	0	0	%100
89	ANG-5	Z	-.004	-.004	0	%100
90	ANG-6	Z	-.004	-.004	0	%100
91	ANG-7	Z	-.004	-.004	0	%100
92	ANG-8	Z	0	0	0	%100
93	ANG-9	Z	0	0	0	%100
94	ANG-10	Z	-.004	-.004	0	%100
95	ANG-11	Z	0	0	0	%100
96	ANG-12	Z	-.004	-.004	0	%100
97	ANG-13	Z	0	0	0	%100
98	ANG-14	Z	-.004	-.004	0	%100
99	ANG-15	Z	0	0	0	%100
100	ANG-16	Z	-.004	-.004	0	%100
101	ANG-17	Z	-.004	-.004	0	%100
102	ANG-18	Z	0	0	0	%100
103	ANG-19	Z	-.004	-.004	0	%100
104	ANG-20	Z	-.004	-.004	0	%100
105	ANG-21	Z	-.004	-.004	0	%100
106	ANG-22	Z	0	0	0	%100
107	ANG-23	Z	-.004	-.004	0	%100
108	ANG-24	Z	-.004	-.004	0	%100
109	CH-1	Z	-.008	-.008	0	%100
110	CH-2	Z	-.008	-.008	0	%100
111	CH-3	Z	-.008	-.008	0	%100
112	CH-4	Z	-.007	-.007	0	%100
113	CH-5	Z	-.007	-.007	0	%100
114	CH-6	Z	-.008	-.008	0	%100
115	CH-7	Z	0	0	0	%100
116	CH-8	Z	0	0	0	%100
117	CH-9	Z	0	0	0	%100
118	CH-10	Z	-.004	-.004	0	%100
119	CH-11	Z	-.004	-.004	0	%100
120	CH-12	Z	-.009	-.009	0	%100
121	CH-13	Z	-.009	-.009	0	%100
122	CH-14	Z	-.005	-.005	0	%100
123	CH-15	Z	-.005	-.005	0	%100
124	CP-1	Z	-.013	-.013	0	%100
125	CP-2	Z	-.013	-.013	0	%100

Member Distributed Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
126	CP-3	Z	-.013	-.013	0	%100
127	CP-4	Z	-.013	-.013	0	%100
128	CP-5	Z	0	0	0	%100
129	CP-6	Z	0	0	0	%100
130	FFTH	Z	-.004	-.004	0	%100
131	SF1-TH	Z	-.004	-.004	0	%100
132	SF2-TH	Z	0	0	0	%100
133	GSI-1	Z	-.008	-.008	0	%100
134	GSI-2	Z	0	0	0	%100
135	GSI-3	Z	-.008	-.008	0	%100
136	K1	Z	-.008	-.008	0	%100
137	K2	Z	-.008	-.008	0	%100
138	K3	Z	-.008	-.008	0	%100
139	K4	Z	-.008	-.008	0	%100
140	K5	Z	-.008	-.008	0	%100
141	K6	Z	-.008	-.008	0	%100
142	MF1	Z	-.005	-.005	0	%100
143	MF2	Z	-.005	-.005	0	%100
144	MF3	Z	0	0	0	%100
145	MP-1	Z	-.005	-.005	0	%100
146	MP-2	Z	-.005	-.005	0	%100
147	MP-3	Z	-.005	-.005	0	%100
148	MP-4	Z	-.005	-.005	0	%100
149	MP-5	Z	-.005	-.005	0	%100
150	MP-6	Z	-.005	-.005	0	%100
151	MP-7	Z	-.005	-.005	0	%100
152	MP-8	Z	-.005	-.005	0	%100
153	MP-9	Z	-.005	-.005	0	%100
154	MP-10	Z	-.005	-.005	0	%100
155	MP-11	Z	-.005	-.005	0	%100
156	MP-12	Z	-.005	-.005	0	%100
157	MP-13	Z	-.004	-.004	0	%100
158	MP-14	Z	-.004	-.004	0	%100
159	MP-15	Z	-.004	-.004	0	%100
160	PL-1	Z	-.012	-.012	0	%100
161	PL-2	Z	-.012	-.012	0	%100
162	PL-3	Z	-.012	-.012	0	%100
163	PL-4	Z	-.012	-.012	0	%100
164	PL-5	Z	-.012	-.012	0	%100
165	PL-6	Z	-.012	-.012	0	%100
166	SA-1	Z	-.002	-.002	0	%100
167	SA-2	Z	-.004	-.004	0	%100
168	SA-3	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 4 : 45 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.005	-.005	0	%100
2	ANG-2	X	-.005	-.005	0	%100
3	ANG-3	X	-.006	-.006	0	%100
4	ANG-4	X	-.001	-.001	0	%100
5	ANG-5	X	-.005	-.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
6	ANG-6	X	-.005	-.005	0	%100
7	ANG-7	X	-.006	-.006	0	%100
8	ANG-8	X	-.001	-.001	0	%100
9	ANG-9	X	-.001	-.001	0	%100
10	ANG-10	X	-.006	-.006	0	%100
11	ANG-11	X	-.002	-.002	0	%100
12	ANG-12	X	-.005	-.005	0	%100
13	ANG-13	X	-.001	-.001	0	%100
14	ANG-14	X	-.006	-.006	0	%100
15	ANG-15	X	-.002	-.002	0	%100
16	ANG-16	X	-.005	-.005	0	%100
17	ANG-17	X	-.004	-.004	0	%100
18	ANG-18	X	-.001	-.001	0	%100
19	ANG-19	X	-.005	-.005	0	%100
20	ANG-20	X	-.006	-.006	0	%100
21	ANG-21	X	-.004	-.004	0	%100
22	ANG-22	X	-.001	-.001	0	%100
23	ANG-23	X	-.005	-.005	0	%100
24	ANG-24	X	-.006	-.006	0	%100
25	CH-1	X	-.009	-.009	0	%100
26	CH-2	X	-.009	-.009	0	%100
27	CH-3	X	-.01	-.01	0	%100
28	CH-4	X	-.011	-.011	0	%100
29	CH-5	X	-.011	-.011	0	%100
30	CH-6	X	-.012	-.012	0	%100
31	CH-7	X	-.003	-.003	0	%100
32	CH-8	X	-.003	-.003	0	%100
33	CH-9	X	-.003	-.003	0	%100
34	CH-10	X	-.004	-.004	0	%100
35	CH-11	X	-.004	-.004	0	%100
36	CH-12	X	-.013	-.013	0	%100
37	CH-13	X	-.013	-.013	0	%100
38	CH-14	X	-.008	-.008	0	%100
39	CH-15	X	-.008	-.008	0	%100
40	CP-1	X	-.015	-.015	0	%100
41	CP-2	X	-.015	-.015	0	%100
42	CP-3	X	-.021	-.021	0	%100
43	CP-4	X	-.021	-.021	0	%100
44	CP-5	X	-.006	-.006	0	%100
45	CP-6	X	-.006	-.006	0	%100
46	FFTH	X	-.005	-.005	0	%100
47	SF1-TH	X	-.006	-.006	0	%100
48	SF2-TH	X	-.002	-.002	0	%100
49	GSI-1	X	-.01	-.01	0	%100
50	GSI-2	X	-.003	-.003	0	%100
51	GSI-3	X	-.009	-.009	0	%100
52	K1	X	-.011	-.011	0	%100
53	K2	X	-.011	-.011	0	%100
54	K3	X	-.011	-.011	0	%100
55	K4	X	-.011	-.011	0	%100
56	K5	X	-.011	-.011	0	%100
57	K6	X	-.011	-.011	0	%100

Member Distributed Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
58	MF1	X	-.005	-.005	0	%100
59	MF2	X	-.007	-.007	0	%100
60	MF3	X	-.002	-.002	0	%100
61	MP-1	X	-.006	-.006	0	%100
62	MP-2	X	-.006	-.006	0	%100
63	MP-3	X	-.006	-.006	0	%100
64	MP-4	X	-.006	-.006	0	%100
65	MP-5	X	-.006	-.006	0	%100
66	MP-6	X	-.006	-.006	0	%100
67	MP-7	X	-.006	-.006	0	%100
68	MP-8	X	-.006	-.006	0	%100
69	MP-9	X	-.006	-.006	0	%100
70	MP-10	X	-.006	-.006	0	%100
71	MP-11	X	-.006	-.006	0	%100
72	MP-12	X	-.006	-.006	0	%100
73	MP-13	X	-.005	-.005	0	%100
74	MP-14	X	-.005	-.005	0	%100
75	MP-15	X	-.005	-.005	0	%100
76	PL-1	X	-.016	-.016	0	%100
77	PL-2	X	-.016	-.016	0	%100
78	PL-3	X	-.016	-.016	0	%100
79	PL-4	X	-.016	-.016	0	%100
80	PL-5	X	-.016	-.016	0	%100
81	PL-6	X	-.016	-.016	0	%100
82	SA-1	X	-.001	-.001	0	%100
83	SA-2	X	-.005	-.005	0	%100
84	SA-3	X	-.004	-.004	0	%100
85	ANG-1	Z	-.006	-.006	0	%100
86	ANG-2	Z	-.005	-.005	0	%100
87	ANG-3	Z	-.007	-.007	0	%100
88	ANG-4	Z	-.002	-.002	0	%100
89	ANG-5	Z	-.006	-.006	0	%100
90	ANG-6	Z	-.005	-.005	0	%100
91	ANG-7	Z	-.007	-.007	0	%100
92	ANG-8	Z	-.002	-.002	0	%100
93	ANG-9	Z	-.002	-.002	0	%100
94	ANG-10	Z	-.006	-.006	0	%100
95	ANG-11	Z	-.002	-.002	0	%100
96	ANG-12	Z	-.005	-.005	0	%100
97	ANG-13	Z	-.002	-.002	0	%100
98	ANG-14	Z	-.006	-.006	0	%100
99	ANG-15	Z	-.002	-.002	0	%100
100	ANG-16	Z	-.005	-.005	0	%100
101	ANG-17	Z	-.004	-.004	0	%100
102	ANG-18	Z	-.002	-.002	0	%100
103	ANG-19	Z	-.005	-.005	0	%100
104	ANG-20	Z	-.006	-.006	0	%100
105	ANG-21	Z	-.004	-.004	0	%100
106	ANG-22	Z	-.002	-.002	0	%100
107	ANG-23	Z	-.005	-.005	0	%100
108	ANG-24	Z	-.006	-.006	0	%100
109	CH-1	Z	-.009	-.009	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
110	CH-2	Z	-.009	-.009	0	%100
111	CH-3	Z	-.01	-.01	0	%100
112	CH-4	Z	-.012	-.012	0	%100
113	CH-5	Z	-.012	-.012	0	%100
114	CH-6	Z	-.013	-.013	0	%100
115	CH-7	Z	-.003	-.003	0	%100
116	CH-8	Z	-.003	-.003	0	%100
117	CH-9	Z	-.003	-.003	0	%100
118	CH-10	Z	-.003	-.003	0	%100
119	CH-11	Z	-.003	-.003	0	%100
120	CH-12	Z	-.012	-.012	0	%100
121	CH-13	Z	-.012	-.012	0	%100
122	CH-14	Z	-.01	-.01	0	%100
123	CH-15	Z	-.01	-.01	0	%100
124	CP-1	Z	-.015	-.015	0	%100
125	CP-2	Z	-.015	-.015	0	%100
126	CP-3	Z	-.021	-.021	0	%100
127	CP-4	Z	-.021	-.021	0	%100
128	CP-5	Z	-.006	-.006	0	%100
129	CP-6	Z	-.006	-.006	0	%100
130	FFTH	Z	-.005	-.005	0	%100
131	SF1-TH	Z	-.006	-.006	0	%100
132	SF2-TH	Z	-.002	-.002	0	%100
133	GSI-1	Z	-.012	-.012	0	%100
134	GSI-2	Z	-.003	-.003	0	%100
135	GSI-3	Z	-.009	-.009	0	%100
136	K1	Z	-.011	-.011	0	%100
137	K2	Z	-.011	-.011	0	%100
138	K3	Z	-.011	-.011	0	%100
139	K4	Z	-.011	-.011	0	%100
140	K5	Z	-.011	-.011	0	%100
141	K6	Z	-.011	-.011	0	%100
142	MF1	Z	-.005	-.005	0	%100
143	MF2	Z	-.007	-.007	0	%100
144	MF3	Z	-.002	-.002	0	%100
145	MP-1	Z	-.006	-.006	0	%100
146	MP-2	Z	-.006	-.006	0	%100
147	MP-3	Z	-.006	-.006	0	%100
148	MP-4	Z	-.006	-.006	0	%100
149	MP-5	Z	-.006	-.006	0	%100
150	MP-6	Z	-.006	-.006	0	%100
151	MP-7	Z	-.006	-.006	0	%100
152	MP-8	Z	-.006	-.006	0	%100
153	MP-9	Z	-.006	-.006	0	%100
154	MP-10	Z	-.006	-.006	0	%100
155	MP-11	Z	-.006	-.006	0	%100
156	MP-12	Z	-.006	-.006	0	%100
157	MP-13	Z	-.005	-.005	0	%100
158	MP-14	Z	-.005	-.005	0	%100
159	MP-15	Z	-.005	-.005	0	%100
160	PL-1	Z	-.016	-.016	0	%100
161	PL-2	Z	-.016	-.016	0	%100

Member Distributed Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
162	PL-3	Z	-.016	-.016	0	%100
163	PL-4	Z	-.016	-.016	0	%100
164	PL-5	Z	-.016	-.016	0	%100
165	PL-6	Z	-.016	-.016	0	%100
166	SA-1	Z	-.001	-.001	0	%100
167	SA-2	Z	-.005	-.005	0	%100
168	SA-3	Z	-.004	-.004	0	%100

Member Distributed Loads (BLC 5 : 60 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.004	-.004	0	%100
2	ANG-2	X	-.002	-.002	0	%100
3	ANG-3	X	-.004	-.004	0	%100
4	ANG-4	X	-.002	-.002	0	%100
5	ANG-5	X	-.004	-.004	0	%100
6	ANG-6	X	-.002	-.002	0	%100
7	ANG-7	X	-.004	-.004	0	%100
8	ANG-8	X	-.002	-.002	0	%100
9	ANG-9	X	-.002	-.002	0	%100
10	ANG-10	X	-.004	-.004	0	%100
11	ANG-11	X	-.002	-.002	0	%100
12	ANG-12	X	-.002	-.002	0	%100
13	ANG-13	X	-.002	-.002	0	%100
14	ANG-14	X	-.004	-.004	0	%100
15	ANG-15	X	-.002	-.002	0	%100
16	ANG-16	X	-.002	-.002	0	%100
17	ANG-17	X	-.002	-.002	0	%100
18	ANG-18	X	-.002	-.002	0	%100
19	ANG-19	X	-.003	-.003	0	%100
20	ANG-20	X	-.004	-.004	0	%100
21	ANG-21	X	-.002	-.002	0	%100
22	ANG-22	X	-.002	-.002	0	%100
23	ANG-23	X	-.003	-.003	0	%100
24	ANG-24	X	-.004	-.004	0	%100
25	CH-1	X	-.004	-.004	0	%100
26	CH-2	X	-.004	-.004	0	%100
27	CH-3	X	-.005	-.005	0	%100
28	CH-4	X	-.008	-.008	0	%100
29	CH-5	X	-.008	-.008	0	%100
30	CH-6	X	-.008	-.008	0	%100
31	CH-7	X	-.004	-.004	0	%100
32	CH-8	X	-.004	-.004	0	%100
33	CH-9	X	-.004	-.004	0	%100
34	CH-10	X	0	0	0	%100
35	CH-11	X	0	0	0	%100
36	CH-12	X	-.008	-.008	0	%100
37	CH-13	X	-.008	-.008	0	%100
38	CH-14	X	-.007	-.007	0	%100
39	CH-15	X	-.007	-.007	0	%100
40	CP-1	X	-.008	-.008	0	%100
41	CP-2	X	-.008	-.008	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 5 : 60 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
42	CP-3	X	-.015	-.015	0	%100
43	CP-4	X	-.015	-.015	0	%100
44	CP-5	X	-.008	-.008	0	%100
45	CP-6	X	-.008	-.008	0	%100
46	FFTH	X	-.002	-.002	0	%100
47	SF1-TH	X	-.005	-.005	0	%100
48	SF2-TH	X	-.002	-.002	0	%100
49	GSI-1	X	-.007	-.007	0	%100
50	GSI-2	X	-.004	-.004	0	%100
51	GSI-3	X	-.005	-.005	0	%100
52	K1	X	-.008	-.008	0	%100
53	K2	X	-.008	-.008	0	%100
54	K3	X	-.008	-.008	0	%100
55	K4	X	-.008	-.008	0	%100
56	K5	X	-.008	-.008	0	%100
57	K6	X	-.008	-.008	0	%100
58	MF1	X	-.003	-.003	0	%100
59	MF2	X	-.005	-.005	0	%100
60	MF3	X	-.003	-.003	0	%100
61	MP-1	X	-.005	-.005	0	%100
62	MP-2	X	-.005	-.005	0	%100
63	MP-3	X	-.005	-.005	0	%100
64	MP-4	X	-.005	-.005	0	%100
65	MP-5	X	-.005	-.005	0	%100
66	MP-6	X	-.005	-.005	0	%100
67	MP-7	X	-.005	-.005	0	%100
68	MP-8	X	-.005	-.005	0	%100
69	MP-9	X	-.005	-.005	0	%100
70	MP-10	X	-.005	-.005	0	%100
71	MP-11	X	-.005	-.005	0	%100
72	MP-12	X	-.005	-.005	0	%100
73	MP-13	X	-.004	-.004	0	%100
74	MP-14	X	-.004	-.004	0	%100
75	MP-15	X	-.004	-.004	0	%100
76	PL-1	X	-.012	-.012	0	%100
77	PL-2	X	-.012	-.012	0	%100
78	PL-3	X	-.012	-.012	0	%100
79	PL-4	X	-.012	-.012	0	%100
80	PL-5	X	-.012	-.012	0	%100
81	PL-6	X	-.012	-.012	0	%100
82	SA-1	X	0	0	0	%100
83	SA-2	X	-.003	-.003	0	%100
84	SA-3	X	-.003	-.003	0	%100
85	ANG-1	Z	-.007	-.007	0	%100
86	ANG-2	Z	-.004	-.004	0	%100
87	ANG-3	Z	-.009	-.009	0	%100
88	ANG-4	Z	-.004	-.004	0	%100
89	ANG-5	Z	-.007	-.007	0	%100
90	ANG-6	Z	-.004	-.004	0	%100
91	ANG-7	Z	-.009	-.009	0	%100
92	ANG-8	Z	-.004	-.004	0	%100
93	ANG-9	Z	-.004	-.004	0	%100

Member Distributed Loads (BLC 5 : 60 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
94	ANG-10	Z	-.008	-.008	0	%100
95	ANG-11	Z	-.004	-.004	0	%100
96	ANG-12	Z	-.004	-.004	0	%100
97	ANG-13	Z	-.004	-.004	0	%100
98	ANG-14	Z	-.008	-.008	0	%100
99	ANG-15	Z	-.004	-.004	0	%100
100	ANG-16	Z	-.004	-.004	0	%100
101	ANG-17	Z	-.004	-.004	0	%100
102	ANG-18	Z	-.004	-.004	0	%100
103	ANG-19	Z	-.004	-.004	0	%100
104	ANG-20	Z	-.008	-.008	0	%100
105	ANG-21	Z	-.004	-.004	0	%100
106	ANG-22	Z	-.004	-.004	0	%100
107	ANG-23	Z	-.004	-.004	0	%100
108	ANG-24	Z	-.008	-.008	0	%100
109	CH-1	Z	-.008	-.008	0	%100
110	CH-2	Z	-.008	-.008	0	%100
111	CH-3	Z	-.008	-.008	0	%100
112	CH-4	Z	-.015	-.015	0	%100
113	CH-5	Z	-.015	-.015	0	%100
114	CH-6	Z	-.016	-.016	0	%100
115	CH-7	Z	-.007	-.007	0	%100
116	CH-8	Z	-.007	-.007	0	%100
117	CH-9	Z	-.008	-.008	0	%100
118	CH-10	Z	0	0	0	%100
119	CH-11	Z	0	0	0	%100
120	CH-12	Z	-.013	-.013	0	%100
121	CH-13	Z	-.013	-.013	0	%100
122	CH-14	Z	-.015	-.015	0	%100
123	CH-15	Z	-.015	-.015	0	%100
124	CP-1	Z	-.013	-.013	0	%100
125	CP-2	Z	-.013	-.013	0	%100
126	CP-3	Z	-.027	-.027	0	%100
127	CP-4	Z	-.027	-.027	0	%100
128	CP-5	Z	-.013	-.013	0	%100
129	CP-6	Z	-.013	-.013	0	%100
130	FFTH	Z	-.004	-.004	0	%100
131	SF1-TH	Z	-.008	-.008	0	%100
132	SF2-TH	Z	-.004	-.004	0	%100
133	GSI-1	Z	-.015	-.015	0	%100
134	GSI-2	Z	-.008	-.008	0	%100
135	GSI-3	Z	-.008	-.008	0	%100
136	K1	Z	-.014	-.014	0	%100
137	K2	Z	-.014	-.014	0	%100
138	K3	Z	-.014	-.014	0	%100
139	K4	Z	-.014	-.014	0	%100
140	K5	Z	-.014	-.014	0	%100
141	K6	Z	-.014	-.014	0	%100
142	MF1	Z	-.005	-.005	0	%100
143	MF2	Z	-.009	-.009	0	%100
144	MF3	Z	-.005	-.005	0	%100
145	MP-1	Z	-.008	-.008	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 5 : 60 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
146	MP-2	Z	-.008	-.008	0	%100
147	MP-3	Z	-.008	-.008	0	%100
148	MP-4	Z	-.008	-.008	0	%100
149	MP-5	Z	-.008	-.008	0	%100
150	MP-6	Z	-.008	-.008	0	%100
151	MP-7	Z	-.008	-.008	0	%100
152	MP-8	Z	-.008	-.008	0	%100
153	MP-9	Z	-.008	-.008	0	%100
154	MP-10	Z	-.008	-.008	0	%100
155	MP-11	Z	-.008	-.008	0	%100
156	MP-12	Z	-.008	-.008	0	%100
157	MP-13	Z	-.007	-.007	0	%100
158	MP-14	Z	-.007	-.007	0	%100
159	MP-15	Z	-.007	-.007	0	%100
160	PL-1	Z	-.02	-.02	0	%100
161	PL-2	Z	-.02	-.02	0	%100
162	PL-3	Z	-.02	-.02	0	%100
163	PL-4	Z	-.02	-.02	0	%100
164	PL-5	Z	-.02	-.02	0	%100
165	PL-6	Z	-.02	-.02	0	%100
166	SA-1	Z	0	0	0	%100
167	SA-2	Z	-.006	-.006	0	%100
168	SA-3	Z	-.006	-.006	0	%100

Member Distributed Loads (BLC 6 : 90 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	Z	-.007	-.007	0	%100
2	ANG-2	Z	0	0	0	%100
3	ANG-3	Z	-.009	-.009	0	%100
4	ANG-4	Z	-.008	-.008	0	%100
5	ANG-5	Z	-.007	-.007	0	%100
6	ANG-6	Z	0	0	0	%100
7	ANG-7	Z	-.009	-.009	0	%100
8	ANG-8	Z	-.008	-.008	0	%100
9	ANG-9	Z	-.007	-.007	0	%100
10	ANG-10	Z	-.008	-.008	0	%100
11	ANG-11	Z	-.009	-.009	0	%100
12	ANG-12	Z	0	0	0	%100
13	ANG-13	Z	-.007	-.007	0	%100
14	ANG-14	Z	-.008	-.008	0	%100
15	ANG-15	Z	-.009	-.009	0	%100
16	ANG-16	Z	0	0	0	%100
17	ANG-17	Z	0	0	0	%100
18	ANG-18	Z	-.008	-.008	0	%100
19	ANG-19	Z	0	0	0	%100
20	ANG-20	Z	-.008	-.008	0	%100
21	ANG-21	Z	0	0	0	%100
22	ANG-22	Z	-.008	-.008	0	%100
23	ANG-23	Z	0	0	0	%100
24	ANG-24	Z	-.008	-.008	0	%100
25	CH-1	Z	0	0	0	%100

Member Distributed Loads (BLC 6 : 90 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
26	CH-2	Z	0	0	0	%100
27	CH-3	Z	0	0	0	%100
28	CH-4	Z	-.015	-.015	0	%100
29	CH-5	Z	-.015	-.015	0	%100
30	CH-6	Z	-.016	-.016	0	%100
31	CH-7	Z	-.015	-.015	0	%100
32	CH-8	Z	-.015	-.015	0	%100
33	CH-9	Z	-.016	-.016	0	%100
34	CH-10	Z	-.009	-.009	0	%100
35	CH-11	Z	-.009	-.009	0	%100
36	CH-12	Z	-.009	-.009	0	%100
37	CH-13	Z	-.009	-.009	0	%100
38	CH-14	Z	-.02	-.02	0	%100
39	CH-15	Z	-.02	-.02	0	%100
40	CP-1	Z	0	0	0	%100
41	CP-2	Z	0	0	0	%100
42	CP-3	Z	-.027	-.027	0	%100
43	CP-4	Z	-.027	-.027	0	%100
44	CP-5	Z	-.027	-.027	0	%100
45	CP-6	Z	-.027	-.027	0	%100
46	FFTH	Z	0	0	0	%100
47	SF1-TH	Z	-.008	-.008	0	%100
48	SF2-TH	Z	-.008	-.008	0	%100
49	GSI-1	Z	-.015	-.015	0	%100
50	GSI-2	Z	-.015	-.015	0	%100
51	GSI-3	Z	0	0	0	%100
52	K1	Z	-.016	-.016	0	%100
53	K2	Z	-.016	-.016	0	%100
54	K3	Z	-.016	-.016	0	%100
55	K4	Z	-.016	-.016	0	%100
56	K5	Z	-.016	-.016	0	%100
57	K6	Z	-.016	-.016	0	%100
58	MF1	Z	0	0	0	%100
59	MF2	Z	-.009	-.009	0	%100
60	MF3	Z	-.009	-.009	0	%100
61	MP-1	Z	-.009	-.009	0	%100
62	MP-2	Z	-.009	-.009	0	%100
63	MP-3	Z	-.009	-.009	0	%100
64	MP-4	Z	-.009	-.009	0	%100
65	MP-5	Z	-.009	-.009	0	%100
66	MP-6	Z	-.009	-.009	0	%100
67	MP-7	Z	-.009	-.009	0	%100
68	MP-8	Z	-.009	-.009	0	%100
69	MP-9	Z	-.009	-.009	0	%100
70	MP-10	Z	-.009	-.009	0	%100
71	MP-11	Z	-.009	-.009	0	%100
72	MP-12	Z	-.009	-.009	0	%100
73	MP-13	Z	-.008	-.008	0	%100
74	MP-14	Z	-.008	-.008	0	%100
75	MP-15	Z	-.008	-.008	0	%100
76	PL-1	Z	-.023	-.023	0	%100
77	PL-2	Z	-.023	-.023	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 6 : 90 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
78	PL-3	Z	-.023	-.023	0	%100
79	PL-4	Z	-.023	-.023	0	%100
80	PL-5	Z	-.023	-.023	0	%100
81	PL-6	Z	-.023	-.023	0	%100
82	SA-1	Z	-.004	-.004	0	%100
83	SA-2	Z	-.004	-.004	0	%100
84	SA-3	Z	-.007	-.007	0	%100

Member Distributed Loads (BLC 7 : 120 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.002	.002	0	%100
2	ANG-2	X	.002	.002	0	%100
3	ANG-3	X	.002	.002	0	%100
4	ANG-4	X	.004	.004	0	%100
5	ANG-5	X	.002	.002	0	%100
6	ANG-6	X	.002	.002	0	%100
7	ANG-7	X	.002	.002	0	%100
8	ANG-8	X	.004	.004	0	%100
9	ANG-9	X	.004	.004	0	%100
10	ANG-10	X	.002	.002	0	%100
11	ANG-11	X	.004	.004	0	%100
12	ANG-12	X	.002	.002	0	%100
13	ANG-13	X	.004	.004	0	%100
14	ANG-14	X	.002	.002	0	%100
15	ANG-15	X	.004	.004	0	%100
16	ANG-16	X	.002	.002	0	%100
17	ANG-17	X	.002	.002	0	%100
18	ANG-18	X	.004	.004	0	%100
19	ANG-19	X	.003	.003	0	%100
20	ANG-20	X	.002	.002	0	%100
21	ANG-21	X	.002	.002	0	%100
22	ANG-22	X	.004	.004	0	%100
23	ANG-23	X	.003	.003	0	%100
24	ANG-24	X	.002	.002	0	%100
25	CH-1	X	.004	.004	0	%100
26	CH-2	X	.004	.004	0	%100
27	CH-3	X	.005	.005	0	%100
28	CH-4	X	.004	.004	0	%100
29	CH-5	X	.004	.004	0	%100
30	CH-6	X	.004	.004	0	%100
31	CH-7	X	.008	.008	0	%100
32	CH-8	X	.008	.008	0	%100
33	CH-9	X	.008	.008	0	%100
34	CH-10	X	.008	.008	0	%100
35	CH-11	X	.008	.008	0	%100
36	CH-12	X	0	0	0	%100
37	CH-13	X	0	0	0	%100
38	CH-14	X	.007	.007	0	%100
39	CH-15	X	.007	.007	0	%100
40	CP-1	X	.008	.008	0	%100
41	CP-2	X	.008	.008	0	%100

Member Distributed Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
42	CP-3	X	.008	.008	0	%100
43	CP-4	X	.008	.008	0	%100
44	CP-5	X	.015	.015	0	%100
45	CP-6	X	.015	.015	0	%100
46	FFTH	X	.002	.002	0	%100
47	SF1-TH	X	.002	.002	0	%100
48	SF2-TH	X	.005	.005	0	%100
49	GSI-1	X	.004	.004	0	%100
50	GSI-2	X	.007	.007	0	%100
51	GSI-3	X	.005	.005	0	%100
52	K1	X	.008	.008	0	%100
53	K2	X	.008	.008	0	%100
54	K3	X	.008	.008	0	%100
55	K4	X	.008	.008	0	%100
56	K5	X	.008	.008	0	%100
57	K6	X	.008	.008	0	%100
58	MF1	X	.003	.003	0	%100
59	MF2	X	.003	.003	0	%100
60	MF3	X	.005	.005	0	%100
61	MP-1	X	.005	.005	0	%100
62	MP-2	X	.005	.005	0	%100
63	MP-3	X	.005	.005	0	%100
64	MP-4	X	.005	.005	0	%100
65	MP-5	X	.005	.005	0	%100
66	MP-6	X	.005	.005	0	%100
67	MP-7	X	.005	.005	0	%100
68	MP-8	X	.005	.005	0	%100
69	MP-9	X	.005	.005	0	%100
70	MP-10	X	.005	.005	0	%100
71	MP-11	X	.005	.005	0	%100
72	MP-12	X	.005	.005	0	%100
73	MP-13	X	.004	.004	0	%100
74	MP-14	X	.004	.004	0	%100
75	MP-15	X	.004	.004	0	%100
76	PL-1	X	.012	.012	0	%100
77	PL-2	X	.012	.012	0	%100
78	PL-3	X	.012	.012	0	%100
79	PL-4	X	.012	.012	0	%100
80	PL-5	X	.012	.012	0	%100
81	PL-6	X	.012	.012	0	%100
82	SA-1	X	.003	.003	0	%100
83	SA-2	X	0	0	0	%100
84	SA-3	X	.003	.003	0	%100
85	ANG-1	Z	-.004	-.004	0	%100
86	ANG-2	Z	-.004	-.004	0	%100
87	ANG-3	Z	-.004	-.004	0	%100
88	ANG-4	Z	-.008	-.008	0	%100
89	ANG-5	Z	-.004	-.004	0	%100
90	ANG-6	Z	-.004	-.004	0	%100
91	ANG-7	Z	-.004	-.004	0	%100
92	ANG-8	Z	-.008	-.008	0	%100
93	ANG-9	Z	-.007	-.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

Sept 11, 2019
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Checked By: NPD

Member Distributed Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
94	ANG-10	Z	-.004	-.004	0	%100
95	ANG-11	Z	-.009	-.009	0	%100
96	ANG-12	Z	-.004	-.004	0	%100
97	ANG-13	Z	-.007	-.007	0	%100
98	ANG-14	Z	-.004	-.004	0	%100
99	ANG-15	Z	-.009	-.009	0	%100
100	ANG-16	Z	-.004	-.004	0	%100
101	ANG-17	Z	-.004	-.004	0	%100
102	ANG-18	Z	-.008	-.008	0	%100
103	ANG-19	Z	-.004	-.004	0	%100
104	ANG-20	Z	-.004	-.004	0	%100
105	ANG-21	Z	-.004	-.004	0	%100
106	ANG-22	Z	-.008	-.008	0	%100
107	ANG-23	Z	-.004	-.004	0	%100
108	ANG-24	Z	-.004	-.004	0	%100
109	CH-1	Z	-.008	-.008	0	%100
110	CH-2	Z	-.008	-.008	0	%100
111	CH-3	Z	-.008	-.008	0	%100
112	CH-4	Z	-.007	-.007	0	%100
113	CH-5	Z	-.007	-.007	0	%100
114	CH-6	Z	-.008	-.008	0	%100
115	CH-7	Z	-.015	-.015	0	%100
116	CH-8	Z	-.015	-.015	0	%100
117	CH-9	Z	-.016	-.016	0	%100
118	CH-10	Z	-.013	-.013	0	%100
119	CH-11	Z	-.013	-.013	0	%100
120	CH-12	Z	0	0	0	%100
121	CH-13	Z	0	0	0	%100
122	CH-14	Z	-.015	-.015	0	%100
123	CH-15	Z	-.015	-.015	0	%100
124	CP-1	Z	-.013	-.013	0	%100
125	CP-2	Z	-.013	-.013	0	%100
126	CP-3	Z	-.013	-.013	0	%100
127	CP-4	Z	-.013	-.013	0	%100
128	CP-5	Z	-.027	-.027	0	%100
129	CP-6	Z	-.027	-.027	0	%100
130	FFTH	Z	-.004	-.004	0	%100
131	SF1-TH	Z	-.004	-.004	0	%100
132	SF2-TH	Z	-.008	-.008	0	%100
133	GSI-1	Z	-.008	-.008	0	%100
134	GSI-2	Z	-.015	-.015	0	%100
135	GSI-3	Z	-.008	-.008	0	%100
136	K1	Z	-.014	-.014	0	%100
137	K2	Z	-.014	-.014	0	%100
138	K3	Z	-.014	-.014	0	%100
139	K4	Z	-.014	-.014	0	%100
140	K5	Z	-.014	-.014	0	%100
141	K6	Z	-.014	-.014	0	%100
142	MF1	Z	-.005	-.005	0	%100
143	MF2	Z	-.005	-.005	0	%100
144	MF3	Z	-.009	-.009	0	%100
145	MP-1	Z	-.008	-.008	0	%100

Member Distributed Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
146	MP-2	Z	-.008	-.008	0	%100
147	MP-3	Z	-.008	-.008	0	%100
148	MP-4	Z	-.008	-.008	0	%100
149	MP-5	Z	-.008	-.008	0	%100
150	MP-6	Z	-.008	-.008	0	%100
151	MP-7	Z	-.008	-.008	0	%100
152	MP-8	Z	-.008	-.008	0	%100
153	MP-9	Z	-.008	-.008	0	%100
154	MP-10	Z	-.008	-.008	0	%100
155	MP-11	Z	-.008	-.008	0	%100
156	MP-12	Z	-.008	-.008	0	%100
157	MP-13	Z	-.007	-.007	0	%100
158	MP-14	Z	-.007	-.007	0	%100
159	MP-15	Z	-.007	-.007	0	%100
160	PL-1	Z	-.02	-.02	0	%100
161	PL-2	Z	-.02	-.02	0	%100
162	PL-3	Z	-.02	-.02	0	%100
163	PL-4	Z	-.02	-.02	0	%100
164	PL-5	Z	-.02	-.02	0	%100
165	PL-6	Z	-.02	-.02	0	%100
166	SA-1	Z	-.006	-.006	0	%100
167	SA-2	Z	0	0	0	%100
168	SA-3	Z	-.006	-.006	0	%100

Member Distributed Loads (BLC 8 : 135 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.001	.001	0	%100
2	ANG-2	X	.005	.005	0	%100
3	ANG-3	X	.002	.002	0	%100
4	ANG-4	X	.006	.006	0	%100
5	ANG-5	X	.001	.001	0	%100
6	ANG-6	X	.005	.005	0	%100
7	ANG-7	X	.002	.002	0	%100
8	ANG-8	X	.006	.006	0	%100
9	ANG-9	X	.005	.005	0	%100
10	ANG-10	X	.001	.001	0	%100
11	ANG-11	X	.006	.006	0	%100
12	ANG-12	X	.005	.005	0	%100
13	ANG-13	X	.005	.005	0	%100
14	ANG-14	X	.001	.001	0	%100
15	ANG-15	X	.006	.006	0	%100
16	ANG-16	X	.005	.005	0	%100
17	ANG-17	X	.004	.004	0	%100
18	ANG-18	X	.006	.006	0	%100
19	ANG-19	X	.005	.005	0	%100
20	ANG-20	X	.001	.001	0	%100
21	ANG-21	X	.004	.004	0	%100
22	ANG-22	X	.006	.006	0	%100
23	ANG-23	X	.005	.005	0	%100
24	ANG-24	X	.001	.001	0	%100
25	CH-1	X	.009	.009	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 8 : 135 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
26	CH-2	X	.009	.009	0	%100
27	CH-3	X	.01	.01	0	%100
28	CH-4	X	.003	.003	0	%100
29	CH-5	X	.003	.003	0	%100
30	CH-6	X	.003	.003	0	%100
31	CH-7	X	.011	.011	0	%100
32	CH-8	X	.011	.011	0	%100
33	CH-9	X	.012	.012	0	%100
34	CH-10	X	.013	.013	0	%100
35	CH-11	X	.013	.013	0	%100
36	CH-12	X	.004	.004	0	%100
37	CH-13	X	.004	.004	0	%100
38	CH-14	X	.008	.008	0	%100
39	CH-15	X	.008	.008	0	%100
40	CP-1	X	.015	.015	0	%100
41	CP-2	X	.015	.015	0	%100
42	CP-3	X	.006	.006	0	%100
43	CP-4	X	.006	.006	0	%100
44	CP-5	X	.021	.021	0	%100
45	CP-6	X	.021	.021	0	%100
46	FFTH	X	.005	.005	0	%100
47	SF1-TH	X	.002	.002	0	%100
48	SF2-TH	X	.006	.006	0	%100
49	GSI-1	X	.003	.003	0	%100
50	GSI-2	X	.01	.01	0	%100
51	GSI-3	X	.009	.009	0	%100
52	K1	X	.011	.011	0	%100
53	K2	X	.011	.011	0	%100
54	K3	X	.011	.011	0	%100
55	K4	X	.011	.011	0	%100
56	K5	X	.011	.011	0	%100
57	K6	X	.011	.011	0	%100
58	MF1	X	.005	.005	0	%100
59	MF2	X	.002	.002	0	%100
60	MF3	X	.007	.007	0	%100
61	MP-1	X	.006	.006	0	%100
62	MP-2	X	.006	.006	0	%100
63	MP-3	X	.006	.006	0	%100
64	MP-4	X	.006	.006	0	%100
65	MP-5	X	.006	.006	0	%100
66	MP-6	X	.006	.006	0	%100
67	MP-7	X	.006	.006	0	%100
68	MP-8	X	.006	.006	0	%100
69	MP-9	X	.006	.006	0	%100
70	MP-10	X	.006	.006	0	%100
71	MP-11	X	.006	.006	0	%100
72	MP-12	X	.006	.006	0	%100
73	MP-13	X	.005	.005	0	%100
74	MP-14	X	.005	.005	0	%100
75	MP-15	X	.005	.005	0	%100
76	PL-1	X	.016	.016	0	%100
77	PL-2	X	.016	.016	0	%100

Member Distributed Loads (BLC 8 : 135 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
78	PL-3	X	.016	.016	0	%100
79	PL-4	X	.016	.016	0	%100
80	PL-5	X	.016	.016	0	%100
81	PL-6	X	.016	.016	0	%100
82	SA-1	X	.005	.005	0	%100
83	SA-2	X	.001	.001	0	%100
84	SA-3	X	.004	.004	0	%100
85	ANG-1	Z	-.002	-.002	0	%100
86	ANG-2	Z	-.005	-.005	0	%100
87	ANG-3	Z	-.002	-.002	0	%100
88	ANG-4	Z	-.006	-.006	0	%100
89	ANG-5	Z	-.002	-.002	0	%100
90	ANG-6	Z	-.005	-.005	0	%100
91	ANG-7	Z	-.002	-.002	0	%100
92	ANG-8	Z	-.006	-.006	0	%100
93	ANG-9	Z	-.006	-.006	0	%100
94	ANG-10	Z	-.002	-.002	0	%100
95	ANG-11	Z	-.007	-.007	0	%100
96	ANG-12	Z	-.005	-.005	0	%100
97	ANG-13	Z	-.006	-.006	0	%100
98	ANG-14	Z	-.002	-.002	0	%100
99	ANG-15	Z	-.007	-.007	0	%100
100	ANG-16	Z	-.005	-.005	0	%100
101	ANG-17	Z	-.004	-.004	0	%100
102	ANG-18	Z	-.006	-.006	0	%100
103	ANG-19	Z	-.005	-.005	0	%100
104	ANG-20	Z	-.002	-.002	0	%100
105	ANG-21	Z	-.004	-.004	0	%100
106	ANG-22	Z	-.006	-.006	0	%100
107	ANG-23	Z	-.005	-.005	0	%100
108	ANG-24	Z	-.002	-.002	0	%100
109	CH-1	Z	-.009	-.009	0	%100
110	CH-2	Z	-.009	-.009	0	%100
111	CH-3	Z	-.01	-.01	0	%100
112	CH-4	Z	-.003	-.003	0	%100
113	CH-5	Z	-.003	-.003	0	%100
114	CH-6	Z	-.003	-.003	0	%100
115	CH-7	Z	-.012	-.012	0	%100
116	CH-8	Z	-.012	-.012	0	%100
117	CH-9	Z	-.013	-.013	0	%100
118	CH-10	Z	-.012	-.012	0	%100
119	CH-11	Z	-.012	-.012	0	%100
120	CH-12	Z	-.003	-.003	0	%100
121	CH-13	Z	-.003	-.003	0	%100
122	CH-14	Z	-.01	-.01	0	%100
123	CH-15	Z	-.01	-.01	0	%100
124	CP-1	Z	-.015	-.015	0	%100
125	CP-2	Z	-.015	-.015	0	%100
126	CP-3	Z	-.006	-.006	0	%100
127	CP-4	Z	-.006	-.006	0	%100
128	CP-5	Z	-.021	-.021	0	%100
129	CP-6	Z	-.021	-.021	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 8 : 135 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
130	FFTH	Z	-.005	-.005	0	%100
131	SF1-TH	Z	-.002	-.002	0	%100
132	SF2-TH	Z	-.006	-.006	0	%100
133	GSI-1	Z	-.003	-.003	0	%100
134	GSI-2	Z	-.012	-.012	0	%100
135	GSI-3	Z	-.009	-.009	0	%100
136	K1	Z	-.011	-.011	0	%100
137	K2	Z	-.011	-.011	0	%100
138	K3	Z	-.011	-.011	0	%100
139	K4	Z	-.011	-.011	0	%100
140	K5	Z	-.011	-.011	0	%100
141	K6	Z	-.011	-.011	0	%100
142	MF1	Z	-.005	-.005	0	%100
143	MF2	Z	-.002	-.002	0	%100
144	MF3	Z	-.007	-.007	0	%100
145	MP-1	Z	-.006	-.006	0	%100
146	MP-2	Z	-.006	-.006	0	%100
147	MP-3	Z	-.006	-.006	0	%100
148	MP-4	Z	-.006	-.006	0	%100
149	MP-5	Z	-.006	-.006	0	%100
150	MP-6	Z	-.006	-.006	0	%100
151	MP-7	Z	-.006	-.006	0	%100
152	MP-8	Z	-.006	-.006	0	%100
153	MP-9	Z	-.006	-.006	0	%100
154	MP-10	Z	-.006	-.006	0	%100
155	MP-11	Z	-.006	-.006	0	%100
156	MP-12	Z	-.006	-.006	0	%100
157	MP-13	Z	-.005	-.005	0	%100
158	MP-14	Z	-.005	-.005	0	%100
159	MP-15	Z	-.005	-.005	0	%100
160	PL-1	Z	-.016	-.016	0	%100
161	PL-2	Z	-.016	-.016	0	%100
162	PL-3	Z	-.016	-.016	0	%100
163	PL-4	Z	-.016	-.016	0	%100
164	PL-5	Z	-.016	-.016	0	%100
165	PL-6	Z	-.016	-.016	0	%100
166	SA-1	Z	-.005	-.005	0	%100
167	SA-2	Z	-.001	-.001	0	%100
168	SA-3	Z	-.004	-.004	0	%100

Member Distributed Loads (BLC 9 : 150 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	0	0	0	%100
2	ANG-2	X	.007	.007	0	%100
3	ANG-3	X	0	0	0	%100
4	ANG-4	X	.006	.006	0	%100
5	ANG-5	X	0	0	0	%100
6	ANG-6	X	.007	.007	0	%100
7	ANG-7	X	0	0	0	%100
8	ANG-8	X	.006	.006	0	%100
9	ANG-9	X	.006	.006	0	%100

Member Distributed Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
10	ANG-10	X	0	0	0	%100
11	ANG-11	X	.007	.007	0	%100
12	ANG-12	X	.007	.007	0	%100
13	ANG-13	X	.006	.006	0	%100
14	ANG-14	X	0	0	0	%100
15	ANG-15	X	.007	.007	0	%100
16	ANG-16	X	.007	.007	0	%100
17	ANG-17	X	.006	.006	0	%100
18	ANG-18	X	.006	.006	0	%100
19	ANG-19	X	.008	.008	0	%100
20	ANG-20	X	0	0	0	%100
21	ANG-21	X	.006	.006	0	%100
22	ANG-22	X	.006	.006	0	%100
23	ANG-23	X	.008	.008	0	%100
24	ANG-24	X	0	0	0	%100
25	CH-1	X	.013	.013	0	%100
26	CH-2	X	.013	.013	0	%100
27	CH-3	X	.015	.015	0	%100
28	CH-4	X	0	0	0	%100
29	CH-5	X	0	0	0	%100
30	CH-6	X	0	0	0	%100
31	CH-7	X	.012	.012	0	%100
32	CH-8	X	.012	.012	0	%100
33	CH-9	X	.013	.013	0	%100
34	CH-10	X	.017	.017	0	%100
35	CH-11	X	.017	.017	0	%100
36	CH-12	X	.008	.008	0	%100
37	CH-13	X	.008	.008	0	%100
38	CH-14	X	.007	.007	0	%100
39	CH-15	X	.007	.007	0	%100
40	CP-1	X	.023	.023	0	%100
41	CP-2	X	.023	.023	0	%100
42	CP-3	X	0	0	0	%100
43	CP-4	X	0	0	0	%100
44	CP-5	X	.023	.023	0	%100
45	CP-6	X	.023	.023	0	%100
46	FFTH	X	.007	.007	0	%100
47	SF1-TH	X	0	0	0	%100
48	SF2-TH	X	.007	.007	0	%100
49	GSI-1	X	0	0	0	%100
50	GSI-2	X	.011	.011	0	%100
51	GSI-3	X	.014	.014	0	%100
52	K1	X	.014	.014	0	%100
53	K2	X	.014	.014	0	%100
54	K3	X	.014	.014	0	%100
55	K4	X	.014	.014	0	%100
56	K5	X	.014	.014	0	%100
57	K6	X	.014	.014	0	%100
58	MF1	X	.008	.008	0	%100
59	MF2	X	0	0	0	%100
60	MF3	X	.008	.008	0	%100
61	MP-1	X	.008	.008	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
62	MP-2	X	.008	.008	0	%100
63	MP-3	X	.008	.008	0	%100
64	MP-4	X	.008	.008	0	%100
65	MP-5	X	.008	.008	0	%100
66	MP-6	X	.008	.008	0	%100
67	MP-7	X	.008	.008	0	%100
68	MP-8	X	.008	.008	0	%100
69	MP-9	X	.008	.008	0	%100
70	MP-10	X	.008	.008	0	%100
71	MP-11	X	.008	.008	0	%100
72	MP-12	X	.008	.008	0	%100
73	MP-13	X	.007	.007	0	%100
74	MP-14	X	.007	.007	0	%100
75	MP-15	X	.007	.007	0	%100
76	PL-1	X	.02	.02	0	%100
77	PL-2	X	.02	.02	0	%100
78	PL-3	X	.02	.02	0	%100
79	PL-4	X	.02	.02	0	%100
80	PL-5	X	.02	.02	0	%100
81	PL-6	X	.02	.02	0	%100
82	SA-1	X	.007	.007	0	%100
83	SA-2	X	.003	.003	0	%100
84	SA-3	X	.003	.003	0	%100
85	ANG-1	Z	0	0	0	%100
86	ANG-2	Z	-.004	-.004	0	%100
87	ANG-3	Z	0	0	0	%100
88	ANG-4	Z	-.004	-.004	0	%100
89	ANG-5	Z	0	0	0	%100
90	ANG-6	Z	-.004	-.004	0	%100
91	ANG-7	Z	0	0	0	%100
92	ANG-8	Z	-.004	-.004	0	%100
93	ANG-9	Z	-.004	-.004	0	%100
94	ANG-10	Z	0	0	0	%100
95	ANG-11	Z	-.004	-.004	0	%100
96	ANG-12	Z	-.004	-.004	0	%100
97	ANG-13	Z	-.004	-.004	0	%100
98	ANG-14	Z	0	0	0	%100
99	ANG-15	Z	-.004	-.004	0	%100
100	ANG-16	Z	-.004	-.004	0	%100
101	ANG-17	Z	-.004	-.004	0	%100
102	ANG-18	Z	-.004	-.004	0	%100
103	ANG-19	Z	-.004	-.004	0	%100
104	ANG-20	Z	0	0	0	%100
105	ANG-21	Z	-.004	-.004	0	%100
106	ANG-22	Z	-.004	-.004	0	%100
107	ANG-23	Z	-.004	-.004	0	%100
108	ANG-24	Z	0	0	0	%100
109	CH-1	Z	-.008	-.008	0	%100
110	CH-2	Z	-.008	-.008	0	%100
111	CH-3	Z	-.008	-.008	0	%100
112	CH-4	Z	0	0	0	%100
113	CH-5	Z	0	0	0	%100

Member Distributed Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
114	CH-6	Z	0	0	0	%100
115	CH-7	Z	-.007	-.007	0	%100
116	CH-8	Z	-.007	-.007	0	%100
117	CH-9	Z	-.008	-.008	0	%100
118	CH-10	Z	-.009	-.009	0	%100
119	CH-11	Z	-.009	-.009	0	%100
120	CH-12	Z	-.004	-.004	0	%100
121	CH-13	Z	-.004	-.004	0	%100
122	CH-14	Z	-.005	-.005	0	%100
123	CH-15	Z	-.005	-.005	0	%100
124	CP-1	Z	-.013	-.013	0	%100
125	CP-2	Z	-.013	-.013	0	%100
126	CP-3	Z	0	0	0	%100
127	CP-4	Z	0	0	0	%100
128	CP-5	Z	-.013	-.013	0	%100
129	CP-6	Z	-.013	-.013	0	%100
130	FFTH	Z	-.004	-.004	0	%100
131	SF1-TH	Z	0	0	0	%100
132	SF2-TH	Z	-.004	-.004	0	%100
133	GSI-1	Z	0	0	0	%100
134	GSI-2	Z	-.008	-.008	0	%100
135	GSI-3	Z	-.008	-.008	0	%100
136	K1	Z	-.008	-.008	0	%100
137	K2	Z	-.008	-.008	0	%100
138	K3	Z	-.008	-.008	0	%100
139	K4	Z	-.008	-.008	0	%100
140	K5	Z	-.008	-.008	0	%100
141	K6	Z	-.008	-.008	0	%100
142	MF1	Z	-.005	-.005	0	%100
143	MF2	Z	0	0	0	%100
144	MF3	Z	-.005	-.005	0	%100
145	MP-1	Z	-.005	-.005	0	%100
146	MP-2	Z	-.005	-.005	0	%100
147	MP-3	Z	-.005	-.005	0	%100
148	MP-4	Z	-.005	-.005	0	%100
149	MP-5	Z	-.005	-.005	0	%100
150	MP-6	Z	-.005	-.005	0	%100
151	MP-7	Z	-.005	-.005	0	%100
152	MP-8	Z	-.005	-.005	0	%100
153	MP-9	Z	-.005	-.005	0	%100
154	MP-10	Z	-.005	-.005	0	%100
155	MP-11	Z	-.005	-.005	0	%100
156	MP-12	Z	-.005	-.005	0	%100
157	MP-13	Z	-.004	-.004	0	%100
158	MP-14	Z	-.004	-.004	0	%100
159	MP-15	Z	-.004	-.004	0	%100
160	PL-1	Z	-.012	-.012	0	%100
161	PL-2	Z	-.012	-.012	0	%100
162	PL-3	Z	-.012	-.012	0	%100
163	PL-4	Z	-.012	-.012	0	%100
164	PL-5	Z	-.012	-.012	0	%100
165	PL-6	Z	-.012	-.012	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
166	SA-1	Z	-.004	-.004	0	%100
167	SA-2	Z	-.002	-.002	0	%100
168	SA-3	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 10 : 180 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.004	.004	0	%100
2	ANG-2	X	.009	.009	0	%100
3	ANG-3	X	.004	.004	0	%100
4	ANG-4	X	.004	.004	0	%100
5	ANG-5	X	.004	.004	0	%100
6	ANG-6	X	.009	.009	0	%100
7	ANG-7	X	.004	.004	0	%100
8	ANG-8	X	.004	.004	0	%100
9	ANG-9	X	.004	.004	0	%100
10	ANG-10	X	.004	.004	0	%100
11	ANG-11	X	.004	.004	0	%100
12	ANG-12	X	.009	.009	0	%100
13	ANG-13	X	.004	.004	0	%100
14	ANG-14	X	.004	.004	0	%100
15	ANG-15	X	.004	.004	0	%100
16	ANG-16	X	.009	.009	0	%100
17	ANG-17	X	.008	.008	0	%100
18	ANG-18	X	.004	.004	0	%100
19	ANG-19	X	.01	.01	0	%100
20	ANG-20	X	.004	.004	0	%100
21	ANG-21	X	.008	.008	0	%100
22	ANG-22	X	.004	.004	0	%100
23	ANG-23	X	.01	.01	0	%100
24	ANG-24	X	.004	.004	0	%100
25	CH-1	X	.017	.017	0	%100
26	CH-2	X	.017	.017	0	%100
27	CH-3	X	.019	.019	0	%100
28	CH-4	X	.008	.008	0	%100
29	CH-5	X	.008	.008	0	%100
30	CH-6	X	.008	.008	0	%100
31	CH-7	X	.008	.008	0	%100
32	CH-8	X	.008	.008	0	%100
33	CH-9	X	.008	.008	0	%100
34	CH-10	X	.017	.017	0	%100
35	CH-11	X	.017	.017	0	%100
36	CH-12	X	.017	.017	0	%100
37	CH-13	X	.017	.017	0	%100
38	CH-14	X	0	0	0	%100
39	CH-15	X	0	0	0	%100
40	CP-1	X	.031	.031	0	%100
41	CP-2	X	.031	.031	0	%100
42	CP-3	X	.015	.015	0	%100
43	CP-4	X	.015	.015	0	%100
44	CP-5	X	.015	.015	0	%100
45	CP-6	X	.015	.015	0	%100

Member Distributed Loads (BLC 10 : 180 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
46	FFTH	X	.009	.009	0	%100
47	SF1-TH	X	.005	.005	0	%100
48	SF2-TH	X	.005	.005	0	%100
49	GSI-1	X	.007	.007	0	%100
50	GSI-2	X	.007	.007	0	%100
51	GSI-3	X	.019	.019	0	%100
52	K1	X	.016	.016	0	%100
53	K2	X	.016	.016	0	%100
54	K3	X	.016	.016	0	%100
55	K4	X	.016	.016	0	%100
56	K5	X	.016	.016	0	%100
57	K6	X	.016	.016	0	%100
58	MF1	X	.011	.011	0	%100
59	MF2	X	.005	.005	0	%100
60	MF3	X	.005	.005	0	%100
61	MP-1	X	.009	.009	0	%100
62	MP-2	X	.009	.009	0	%100
63	MP-3	X	.009	.009	0	%100
64	MP-4	X	.009	.009	0	%100
65	MP-5	X	.009	.009	0	%100
66	MP-6	X	.009	.009	0	%100
67	MP-7	X	.009	.009	0	%100
68	MP-8	X	.009	.009	0	%100
69	MP-9	X	.009	.009	0	%100
70	MP-10	X	.009	.009	0	%100
71	MP-11	X	.009	.009	0	%100
72	MP-12	X	.009	.009	0	%100
73	MP-13	X	.008	.008	0	%100
74	MP-14	X	.008	.008	0	%100
75	MP-15	X	.008	.008	0	%100
76	PL-1	X	.023	.023	0	%100
77	PL-2	X	.023	.023	0	%100
78	PL-3	X	.023	.023	0	%100
79	PL-4	X	.023	.023	0	%100
80	PL-5	X	.023	.023	0	%100
81	PL-6	X	.023	.023	0	%100
82	SA-1	X	.007	.007	0	%100
83	SA-2	X	.007	.007	0	%100
84	SA-3	X	0	0	0	%100

Member Distributed Loads (BLC 11 : 210 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.006	.006	0	%100
2	ANG-2	X	.007	.007	0	%100
3	ANG-3	X	.007	.007	0	%100
4	ANG-4	X	0	0	0	%100
5	ANG-5	X	.006	.006	0	%100
6	ANG-6	X	.007	.007	0	%100
7	ANG-7	X	.007	.007	0	%100
8	ANG-8	X	0	0	0	%100
9	ANG-9	X	0	0	0	%100

Member Distributed Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
10	ANG-10	X	.006	.006	0	%100
11	ANG-11	X	0	0	0	%100
12	ANG-12	X	.007	.007	0	%100
13	ANG-13	X	0	0	0	%100
14	ANG-14	X	.006	.006	0	%100
15	ANG-15	X	0	0	0	%100
16	ANG-16	X	.007	.007	0	%100
17	ANG-17	X	.006	.006	0	%100
18	ANG-18	X	0	0	0	%100
19	ANG-19	X	.008	.008	0	%100
20	ANG-20	X	.006	.006	0	%100
21	ANG-21	X	.006	.006	0	%100
22	ANG-22	X	0	0	0	%100
23	ANG-23	X	.008	.008	0	%100
24	ANG-24	X	.006	.006	0	%100
25	CH-1	X	.013	.013	0	%100
26	CH-2	X	.013	.013	0	%100
27	CH-3	X	.015	.015	0	%100
28	CH-4	X	.012	.012	0	%100
29	CH-5	X	.012	.012	0	%100
30	CH-6	X	.013	.013	0	%100
31	CH-7	X	0	0	0	%100
32	CH-8	X	0	0	0	%100
33	CH-9	X	0	0	0	%100
34	CH-10	X	.008	.008	0	%100
35	CH-11	X	.008	.008	0	%100
36	CH-12	X	.017	.017	0	%100
37	CH-13	X	.017	.017	0	%100
38	CH-14	X	.007	.007	0	%100
39	CH-15	X	.007	.007	0	%100
40	CP-1	X	.023	.023	0	%100
41	CP-2	X	.023	.023	0	%100
42	CP-3	X	.023	.023	0	%100
43	CP-4	X	.023	.023	0	%100
44	CP-5	X	0	0	0	%100
45	CP-6	X	0	0	0	%100
46	FFTH	X	.007	.007	0	%100
47	SF1-TH	X	.007	.007	0	%100
48	SF2-TH	X	0	0	0	%100
49	GSI-1	X	.011	.011	0	%100
50	GSI-2	X	0	0	0	%100
51	GSI-3	X	.014	.014	0	%100
52	K1	X	.014	.014	0	%100
53	K2	X	.014	.014	0	%100
54	K3	X	.014	.014	0	%100
55	K4	X	.014	.014	0	%100
56	K5	X	.014	.014	0	%100
57	K6	X	.014	.014	0	%100
58	MF1	X	.008	.008	0	%100
59	MF2	X	.008	.008	0	%100
60	MF3	X	0	0	0	%100
61	MP-1	X	.008	.008	0	%100

Member Distributed Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
62	MP-2	X	.008	.008	0	%100
63	MP-3	X	.008	.008	0	%100
64	MP-4	X	.008	.008	0	%100
65	MP-5	X	.008	.008	0	%100
66	MP-6	X	.008	.008	0	%100
67	MP-7	X	.008	.008	0	%100
68	MP-8	X	.008	.008	0	%100
69	MP-9	X	.008	.008	0	%100
70	MP-10	X	.008	.008	0	%100
71	MP-11	X	.008	.008	0	%100
72	MP-12	X	.008	.008	0	%100
73	MP-13	X	.007	.007	0	%100
74	MP-14	X	.007	.007	0	%100
75	MP-15	X	.007	.007	0	%100
76	PL-1	X	.02	.02	0	%100
77	PL-2	X	.02	.02	0	%100
78	PL-3	X	.02	.02	0	%100
79	PL-4	X	.02	.02	0	%100
80	PL-5	X	.02	.02	0	%100
81	PL-6	X	.02	.02	0	%100
82	SA-1	X	.003	.003	0	%100
83	SA-2	X	.007	.007	0	%100
84	SA-3	X	.003	.003	0	%100
85	ANG-1	Z	.004	.004	0	%100
86	ANG-2	Z	.004	.004	0	%100
87	ANG-3	Z	.004	.004	0	%100
88	ANG-4	Z	0	0	0	%100
89	ANG-5	Z	.004	.004	0	%100
90	ANG-6	Z	.004	.004	0	%100
91	ANG-7	Z	.004	.004	0	%100
92	ANG-8	Z	0	0	0	%100
93	ANG-9	Z	0	0	0	%100
94	ANG-10	Z	.004	.004	0	%100
95	ANG-11	Z	0	0	0	%100
96	ANG-12	Z	.004	.004	0	%100
97	ANG-13	Z	0	0	0	%100
98	ANG-14	Z	.004	.004	0	%100
99	ANG-15	Z	0	0	0	%100
100	ANG-16	Z	.004	.004	0	%100
101	ANG-17	Z	.004	.004	0	%100
102	ANG-18	Z	0	0	0	%100
103	ANG-19	Z	.004	.004	0	%100
104	ANG-20	Z	.004	.004	0	%100
105	ANG-21	Z	.004	.004	0	%100
106	ANG-22	Z	0	0	0	%100
107	ANG-23	Z	.004	.004	0	%100
108	ANG-24	Z	.004	.004	0	%100
109	CH-1	Z	.008	.008	0	%100
110	CH-2	Z	.008	.008	0	%100
111	CH-3	Z	.008	.008	0	%100
112	CH-4	Z	.007	.007	0	%100
113	CH-5	Z	.007	.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
114	CH-6	Z	.008	.008	0	%100
115	CH-7	Z	0	0	0	%100
116	CH-8	Z	0	0	0	%100
117	CH-9	Z	0	0	0	%100
118	CH-10	Z	.004	.004	0	%100
119	CH-11	Z	.004	.004	0	%100
120	CH-12	Z	.009	.009	0	%100
121	CH-13	Z	.009	.009	0	%100
122	CH-14	Z	.005	.005	0	%100
123	CH-15	Z	.005	.005	0	%100
124	CP-1	Z	.013	.013	0	%100
125	CP-2	Z	.013	.013	0	%100
126	CP-3	Z	.013	.013	0	%100
127	CP-4	Z	.013	.013	0	%100
128	CP-5	Z	0	0	0	%100
129	CP-6	Z	0	0	0	%100
130	FFTH	Z	.004	.004	0	%100
131	SF1-TH	Z	.004	.004	0	%100
132	SF2-TH	Z	0	0	0	%100
133	GSI-1	Z	.008	.008	0	%100
134	GSI-2	Z	0	0	0	%100
135	GSI-3	Z	.008	.008	0	%100
136	K1	Z	.008	.008	0	%100
137	K2	Z	.008	.008	0	%100
138	K3	Z	.008	.008	0	%100
139	K4	Z	.008	.008	0	%100
140	K5	Z	.008	.008	0	%100
141	K6	Z	.008	.008	0	%100
142	MF1	Z	.005	.005	0	%100
143	MF2	Z	.005	.005	0	%100
144	MF3	Z	0	0	0	%100
145	MP-1	Z	.005	.005	0	%100
146	MP-2	Z	.005	.005	0	%100
147	MP-3	Z	.005	.005	0	%100
148	MP-4	Z	.005	.005	0	%100
149	MP-5	Z	.005	.005	0	%100
150	MP-6	Z	.005	.005	0	%100
151	MP-7	Z	.005	.005	0	%100
152	MP-8	Z	.005	.005	0	%100
153	MP-9	Z	.005	.005	0	%100
154	MP-10	Z	.005	.005	0	%100
155	MP-11	Z	.005	.005	0	%100
156	MP-12	Z	.005	.005	0	%100
157	MP-13	Z	.004	.004	0	%100
158	MP-14	Z	.004	.004	0	%100
159	MP-15	Z	.004	.004	0	%100
160	PL-1	Z	.012	.012	0	%100
161	PL-2	Z	.012	.012	0	%100
162	PL-3	Z	.012	.012	0	%100
163	PL-4	Z	.012	.012	0	%100
164	PL-5	Z	.012	.012	0	%100
165	PL-6	Z	.012	.012	0	%100

Member Distributed Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
166	SA-1	Z	.002	.002	0	%100
167	SA-2	Z	.004	.004	0	%100
168	SA-3	Z	.002	.002	0	%100

Member Distributed Loads (BLC 12 : 225 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.005	.005	0	%100
2	ANG-2	X	.005	.005	0	%100
3	ANG-3	X	.006	.006	0	%100
4	ANG-4	X	.001	.001	0	%100
5	ANG-5	X	.005	.005	0	%100
6	ANG-6	X	.005	.005	0	%100
7	ANG-7	X	.006	.006	0	%100
8	ANG-8	X	.001	.001	0	%100
9	ANG-9	X	.001	.001	0	%100
10	ANG-10	X	.006	.006	0	%100
11	ANG-11	X	.002	.002	0	%100
12	ANG-12	X	.005	.005	0	%100
13	ANG-13	X	.001	.001	0	%100
14	ANG-14	X	.006	.006	0	%100
15	ANG-15	X	.002	.002	0	%100
16	ANG-16	X	.005	.005	0	%100
17	ANG-17	X	.004	.004	0	%100
18	ANG-18	X	.001	.001	0	%100
19	ANG-19	X	.005	.005	0	%100
20	ANG-20	X	.006	.006	0	%100
21	ANG-21	X	.004	.004	0	%100
22	ANG-22	X	.001	.001	0	%100
23	ANG-23	X	.005	.005	0	%100
24	ANG-24	X	.006	.006	0	%100
25	CH-1	X	.009	.009	0	%100
26	CH-2	X	.009	.009	0	%100
27	CH-3	X	.01	.01	0	%100
28	CH-4	X	.011	.011	0	%100
29	CH-5	X	.011	.011	0	%100
30	CH-6	X	.012	.012	0	%100
31	CH-7	X	.003	.003	0	%100
32	CH-8	X	.003	.003	0	%100
33	CH-9	X	.003	.003	0	%100
34	CH-10	X	.004	.004	0	%100
35	CH-11	X	.004	.004	0	%100
36	CH-12	X	.013	.013	0	%100
37	CH-13	X	.013	.013	0	%100
38	CH-14	X	.008	.008	0	%100
39	CH-15	X	.008	.008	0	%100
40	CP-1	X	.015	.015	0	%100
41	CP-2	X	.015	.015	0	%100
42	CP-3	X	.021	.021	0	%100
43	CP-4	X	.021	.021	0	%100
44	CP-5	X	.006	.006	0	%100
45	CP-6	X	.006	.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 12 : 225 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
46	FFTH	X	.005	.005	0	%100
47	SF1-TH	X	.006	.006	0	%100
48	SF2-TH	X	.002	.002	0	%100
49	GSI-1	X	.01	.01	0	%100
50	GSI-2	X	.003	.003	0	%100
51	GSI-3	X	.009	.009	0	%100
52	K1	X	.011	.011	0	%100
53	K2	X	.011	.011	0	%100
54	K3	X	.011	.011	0	%100
55	K4	X	.011	.011	0	%100
56	K5	X	.011	.011	0	%100
57	K6	X	.011	.011	0	%100
58	MF1	X	.005	.005	0	%100
59	MF2	X	.007	.007	0	%100
60	MF3	X	.002	.002	0	%100
61	MP-1	X	.006	.006	0	%100
62	MP-2	X	.006	.006	0	%100
63	MP-3	X	.006	.006	0	%100
64	MP-4	X	.006	.006	0	%100
65	MP-5	X	.006	.006	0	%100
66	MP-6	X	.006	.006	0	%100
67	MP-7	X	.006	.006	0	%100
68	MP-8	X	.006	.006	0	%100
69	MP-9	X	.006	.006	0	%100
70	MP-10	X	.006	.006	0	%100
71	MP-11	X	.006	.006	0	%100
72	MP-12	X	.006	.006	0	%100
73	MP-13	X	.005	.005	0	%100
74	MP-14	X	.005	.005	0	%100
75	MP-15	X	.005	.005	0	%100
76	PL-1	X	.016	.016	0	%100
77	PL-2	X	.016	.016	0	%100
78	PL-3	X	.016	.016	0	%100
79	PL-4	X	.016	.016	0	%100
80	PL-5	X	.016	.016	0	%100
81	PL-6	X	.016	.016	0	%100
82	SA-1	X	.001	.001	0	%100
83	SA-2	X	.005	.005	0	%100
84	SA-3	X	.004	.004	0	%100
85	ANG-1	Z	.006	.006	0	%100
86	ANG-2	Z	.005	.005	0	%100
87	ANG-3	Z	.007	.007	0	%100
88	ANG-4	Z	.002	.002	0	%100
89	ANG-5	Z	.006	.006	0	%100
90	ANG-6	Z	.005	.005	0	%100
91	ANG-7	Z	.007	.007	0	%100
92	ANG-8	Z	.002	.002	0	%100
93	ANG-9	Z	.002	.002	0	%100
94	ANG-10	Z	.006	.006	0	%100
95	ANG-11	Z	.002	.002	0	%100
96	ANG-12	Z	.005	.005	0	%100
97	ANG-13	Z	.002	.002	0	%100

Member Distributed Loads (BLC 12 : 225 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
98	ANG-14	Z	.006	.006	0	%100
99	ANG-15	Z	.002	.002	0	%100
100	ANG-16	Z	.005	.005	0	%100
101	ANG-17	Z	.004	.004	0	%100
102	ANG-18	Z	.002	.002	0	%100
103	ANG-19	Z	.005	.005	0	%100
104	ANG-20	Z	.006	.006	0	%100
105	ANG-21	Z	.004	.004	0	%100
106	ANG-22	Z	.002	.002	0	%100
107	ANG-23	Z	.005	.005	0	%100
108	ANG-24	Z	.006	.006	0	%100
109	CH-1	Z	.009	.009	0	%100
110	CH-2	Z	.009	.009	0	%100
111	CH-3	Z	.01	.01	0	%100
112	CH-4	Z	.012	.012	0	%100
113	CH-5	Z	.012	.012	0	%100
114	CH-6	Z	.013	.013	0	%100
115	CH-7	Z	.003	.003	0	%100
116	CH-8	Z	.003	.003	0	%100
117	CH-9	Z	.003	.003	0	%100
118	CH-10	Z	.003	.003	0	%100
119	CH-11	Z	.003	.003	0	%100
120	CH-12	Z	.012	.012	0	%100
121	CH-13	Z	.012	.012	0	%100
122	CH-14	Z	.01	.01	0	%100
123	CH-15	Z	.01	.01	0	%100
124	CP-1	Z	.015	.015	0	%100
125	CP-2	Z	.015	.015	0	%100
126	CP-3	Z	.021	.021	0	%100
127	CP-4	Z	.021	.021	0	%100
128	CP-5	Z	.006	.006	0	%100
129	CP-6	Z	.006	.006	0	%100
130	FFTH	Z	.005	.005	0	%100
131	SF1-TH	Z	.006	.006	0	%100
132	SF2-TH	Z	.002	.002	0	%100
133	GSI-1	Z	.012	.012	0	%100
134	GSI-2	Z	.003	.003	0	%100
135	GSI-3	Z	.009	.009	0	%100
136	K1	Z	.011	.011	0	%100
137	K2	Z	.011	.011	0	%100
138	K3	Z	.011	.011	0	%100
139	K4	Z	.011	.011	0	%100
140	K5	Z	.011	.011	0	%100
141	K6	Z	.011	.011	0	%100
142	MF1	Z	.005	.005	0	%100
143	MF2	Z	.007	.007	0	%100
144	MF3	Z	.002	.002	0	%100
145	MP-1	Z	.006	.006	0	%100
146	MP-2	Z	.006	.006	0	%100
147	MP-3	Z	.006	.006	0	%100
148	MP-4	Z	.006	.006	0	%100
149	MP-5	Z	.006	.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 12 : 225 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
150	MP-6	Z	.006	.006	0	%100
151	MP-7	Z	.006	.006	0	%100
152	MP-8	Z	.006	.006	0	%100
153	MP-9	Z	.006	.006	0	%100
154	MP-10	Z	.006	.006	0	%100
155	MP-11	Z	.006	.006	0	%100
156	MP-12	Z	.006	.006	0	%100
157	MP-13	Z	.005	.005	0	%100
158	MP-14	Z	.005	.005	0	%100
159	MP-15	Z	.005	.005	0	%100
160	PL-1	Z	.016	.016	0	%100
161	PL-2	Z	.016	.016	0	%100
162	PL-3	Z	.016	.016	0	%100
163	PL-4	Z	.016	.016	0	%100
164	PL-5	Z	.016	.016	0	%100
165	PL-6	Z	.016	.016	0	%100
166	SA-1	Z	.001	.001	0	%100
167	SA-2	Z	.005	.005	0	%100
168	SA-3	Z	.004	.004	0	%100

Member Distributed Loads (BLC 13 : 240 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.004	.004	0	%100
2	ANG-2	X	.002	.002	0	%100
3	ANG-3	X	.004	.004	0	%100
4	ANG-4	X	.002	.002	0	%100
5	ANG-5	X	.004	.004	0	%100
6	ANG-6	X	.002	.002	0	%100
7	ANG-7	X	.004	.004	0	%100
8	ANG-8	X	.002	.002	0	%100
9	ANG-9	X	.002	.002	0	%100
10	ANG-10	X	.004	.004	0	%100
11	ANG-11	X	.002	.002	0	%100
12	ANG-12	X	.002	.002	0	%100
13	ANG-13	X	.002	.002	0	%100
14	ANG-14	X	.004	.004	0	%100
15	ANG-15	X	.002	.002	0	%100
16	ANG-16	X	.002	.002	0	%100
17	ANG-17	X	.002	.002	0	%100
18	ANG-18	X	.002	.002	0	%100
19	ANG-19	X	.003	.003	0	%100
20	ANG-20	X	.004	.004	0	%100
21	ANG-21	X	.002	.002	0	%100
22	ANG-22	X	.002	.002	0	%100
23	ANG-23	X	.003	.003	0	%100
24	ANG-24	X	.004	.004	0	%100
25	CH-1	X	.004	.004	0	%100
26	CH-2	X	.004	.004	0	%100
27	CH-3	X	.005	.005	0	%100
28	CH-4	X	.008	.008	0	%100
29	CH-5	X	.008	.008	0	%100

Member Distributed Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
30	CH-6	X	.008	.008	0	%100
31	CH-7	X	.004	.004	0	%100
32	CH-8	X	.004	.004	0	%100
33	CH-9	X	.004	.004	0	%100
34	CH-10	X	0	0	0	%100
35	CH-11	X	0	0	0	%100
36	CH-12	X	.008	.008	0	%100
37	CH-13	X	.008	.008	0	%100
38	CH-14	X	.007	.007	0	%100
39	CH-15	X	.007	.007	0	%100
40	CP-1	X	.008	.008	0	%100
41	CP-2	X	.008	.008	0	%100
42	CP-3	X	.015	.015	0	%100
43	CP-4	X	.015	.015	0	%100
44	CP-5	X	.008	.008	0	%100
45	CP-6	X	.008	.008	0	%100
46	FFTH	X	.002	.002	0	%100
47	SF1-TH	X	.005	.005	0	%100
48	SF2-TH	X	.002	.002	0	%100
49	GSI-1	X	.007	.007	0	%100
50	GSI-2	X	.004	.004	0	%100
51	GSI-3	X	.005	.005	0	%100
52	K1	X	.008	.008	0	%100
53	K2	X	.008	.008	0	%100
54	K3	X	.008	.008	0	%100
55	K4	X	.008	.008	0	%100
56	K5	X	.008	.008	0	%100
57	K6	X	.008	.008	0	%100
58	MF1	X	.003	.003	0	%100
59	MF2	X	.005	.005	0	%100
60	MF3	X	.003	.003	0	%100
61	MP-1	X	.005	.005	0	%100
62	MP-2	X	.005	.005	0	%100
63	MP-3	X	.005	.005	0	%100
64	MP-4	X	.005	.005	0	%100
65	MP-5	X	.005	.005	0	%100
66	MP-6	X	.005	.005	0	%100
67	MP-7	X	.005	.005	0	%100
68	MP-8	X	.005	.005	0	%100
69	MP-9	X	.005	.005	0	%100
70	MP-10	X	.005	.005	0	%100
71	MP-11	X	.005	.005	0	%100
72	MP-12	X	.005	.005	0	%100
73	MP-13	X	.004	.004	0	%100
74	MP-14	X	.004	.004	0	%100
75	MP-15	X	.004	.004	0	%100
76	PL-1	X	.012	.012	0	%100
77	PL-2	X	.012	.012	0	%100
78	PL-3	X	.012	.012	0	%100
79	PL-4	X	.012	.012	0	%100
80	PL-5	X	.012	.012	0	%100
81	PL-6	X	.012	.012	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
82	SA-1	X	0	0	0	%100
83	SA-2	X	.003	.003	0	%100
84	SA-3	X	.003	.003	0	%100
85	ANG-1	Z	.007	.007	0	%100
86	ANG-2	Z	.004	.004	0	%100
87	ANG-3	Z	.009	.009	0	%100
88	ANG-4	Z	.004	.004	0	%100
89	ANG-5	Z	.007	.007	0	%100
90	ANG-6	Z	.004	.004	0	%100
91	ANG-7	Z	.009	.009	0	%100
92	ANG-8	Z	.004	.004	0	%100
93	ANG-9	Z	.004	.004	0	%100
94	ANG-10	Z	.008	.008	0	%100
95	ANG-11	Z	.004	.004	0	%100
96	ANG-12	Z	.004	.004	0	%100
97	ANG-13	Z	.004	.004	0	%100
98	ANG-14	Z	.008	.008	0	%100
99	ANG-15	Z	.004	.004	0	%100
100	ANG-16	Z	.004	.004	0	%100
101	ANG-17	Z	.004	.004	0	%100
102	ANG-18	Z	.004	.004	0	%100
103	ANG-19	Z	.004	.004	0	%100
104	ANG-20	Z	.008	.008	0	%100
105	ANG-21	Z	.004	.004	0	%100
106	ANG-22	Z	.004	.004	0	%100
107	ANG-23	Z	.004	.004	0	%100
108	ANG-24	Z	.008	.008	0	%100
109	CH-1	Z	.008	.008	0	%100
110	CH-2	Z	.008	.008	0	%100
111	CH-3	Z	.008	.008	0	%100
112	CH-4	Z	.015	.015	0	%100
113	CH-5	Z	.015	.015	0	%100
114	CH-6	Z	.016	.016	0	%100
115	CH-7	Z	.007	.007	0	%100
116	CH-8	Z	.007	.007	0	%100
117	CH-9	Z	.008	.008	0	%100
118	CH-10	Z	0	0	0	%100
119	CH-11	Z	0	0	0	%100
120	CH-12	Z	.013	.013	0	%100
121	CH-13	Z	.013	.013	0	%100
122	CH-14	Z	.015	.015	0	%100
123	CH-15	Z	.015	.015	0	%100
124	CP-1	Z	.013	.013	0	%100
125	CP-2	Z	.013	.013	0	%100
126	CP-3	Z	.027	.027	0	%100
127	CP-4	Z	.027	.027	0	%100
128	CP-5	Z	.013	.013	0	%100
129	CP-6	Z	.013	.013	0	%100
130	FFTH	Z	.004	.004	0	%100
131	SF1-TH	Z	.008	.008	0	%100
132	SF2-TH	Z	.004	.004	0	%100
133	GSI-1	Z	.015	.015	0	%100

Member Distributed Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
134	GSI-2	Z	.008	.008	0	%100
135	GSI-3	Z	.008	.008	0	%100
136	K1	Z	.014	.014	0	%100
137	K2	Z	.014	.014	0	%100
138	K3	Z	.014	.014	0	%100
139	K4	Z	.014	.014	0	%100
140	K5	Z	.014	.014	0	%100
141	K6	Z	.014	.014	0	%100
142	MF1	Z	.005	.005	0	%100
143	MF2	Z	.009	.009	0	%100
144	MF3	Z	.005	.005	0	%100
145	MP-1	Z	.008	.008	0	%100
146	MP-2	Z	.008	.008	0	%100
147	MP-3	Z	.008	.008	0	%100
148	MP-4	Z	.008	.008	0	%100
149	MP-5	Z	.008	.008	0	%100
150	MP-6	Z	.008	.008	0	%100
151	MP-7	Z	.008	.008	0	%100
152	MP-8	Z	.008	.008	0	%100
153	MP-9	Z	.008	.008	0	%100
154	MP-10	Z	.008	.008	0	%100
155	MP-11	Z	.008	.008	0	%100
156	MP-12	Z	.008	.008	0	%100
157	MP-13	Z	.007	.007	0	%100
158	MP-14	Z	.007	.007	0	%100
159	MP-15	Z	.007	.007	0	%100
160	PL-1	Z	.02	.02	0	%100
161	PL-2	Z	.02	.02	0	%100
162	PL-3	Z	.02	.02	0	%100
163	PL-4	Z	.02	.02	0	%100
164	PL-5	Z	.02	.02	0	%100
165	PL-6	Z	.02	.02	0	%100
166	SA-1	Z	0	0	0	%100
167	SA-2	Z	.006	.006	0	%100
168	SA-3	Z	.006	.006	0	%100

Member Distributed Loads (BLC 14 : 270 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	Z	.007	.007	0	%100
2	ANG-2	Z	0	0	0	%100
3	ANG-3	Z	.009	.009	0	%100
4	ANG-4	Z	.008	.008	0	%100
5	ANG-5	Z	.007	.007	0	%100
6	ANG-6	Z	0	0	0	%100
7	ANG-7	Z	.009	.009	0	%100
8	ANG-8	Z	.008	.008	0	%100
9	ANG-9	Z	.007	.007	0	%100
10	ANG-10	Z	.008	.008	0	%100
11	ANG-11	Z	.009	.009	0	%100
12	ANG-12	Z	0	0	0	%100
13	ANG-13	Z	.007	.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 14 : 270 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
14	ANG-14	Z	.008	.008	0	%100
15	ANG-15	Z	.009	.009	0	%100
16	ANG-16	Z	0	0	0	%100
17	ANG-17	Z	0	0	0	%100
18	ANG-18	Z	.008	.008	0	%100
19	ANG-19	Z	0	0	0	%100
20	ANG-20	Z	.008	.008	0	%100
21	ANG-21	Z	0	0	0	%100
22	ANG-22	Z	.008	.008	0	%100
23	ANG-23	Z	0	0	0	%100
24	ANG-24	Z	.008	.008	0	%100
25	CH-1	Z	0	0	0	%100
26	CH-2	Z	0	0	0	%100
27	CH-3	Z	0	0	0	%100
28	CH-4	Z	.015	.015	0	%100
29	CH-5	Z	.015	.015	0	%100
30	CH-6	Z	.016	.016	0	%100
31	CH-7	Z	.015	.015	0	%100
32	CH-8	Z	.015	.015	0	%100
33	CH-9	Z	.016	.016	0	%100
34	CH-10	Z	.009	.009	0	%100
35	CH-11	Z	.009	.009	0	%100
36	CH-12	Z	.009	.009	0	%100
37	CH-13	Z	.009	.009	0	%100
38	CH-14	Z	.02	.02	0	%100
39	CH-15	Z	.02	.02	0	%100
40	CP-1	Z	0	0	0	%100
41	CP-2	Z	0	0	0	%100
42	CP-3	Z	.027	.027	0	%100
43	CP-4	Z	.027	.027	0	%100
44	CP-5	Z	.027	.027	0	%100
45	CP-6	Z	.027	.027	0	%100
46	FFTH	Z	0	0	0	%100
47	SF1-TH	Z	.008	.008	0	%100
48	SF2-TH	Z	.008	.008	0	%100
49	GSI-1	Z	.015	.015	0	%100
50	GSI-2	Z	.015	.015	0	%100
51	GSI-3	Z	0	0	0	%100
52	K1	Z	.016	.016	0	%100
53	K2	Z	.016	.016	0	%100
54	K3	Z	.016	.016	0	%100
55	K4	Z	.016	.016	0	%100
56	K5	Z	.016	.016	0	%100
57	K6	Z	.016	.016	0	%100
58	MF1	Z	0	0	0	%100
59	MF2	Z	.009	.009	0	%100
60	MF3	Z	.009	.009	0	%100
61	MP-1	Z	.009	.009	0	%100
62	MP-2	Z	.009	.009	0	%100
63	MP-3	Z	.009	.009	0	%100
64	MP-4	Z	.009	.009	0	%100
65	MP-5	Z	.009	.009	0	%100

Member Distributed Loads (BLC 14 : 270 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
66	MP-6	Z	.009	.009	0	%100
67	MP-7	Z	.009	.009	0	%100
68	MP-8	Z	.009	.009	0	%100
69	MP-9	Z	.009	.009	0	%100
70	MP-10	Z	.009	.009	0	%100
71	MP-11	Z	.009	.009	0	%100
72	MP-12	Z	.009	.009	0	%100
73	MP-13	Z	.008	.008	0	%100
74	MP-14	Z	.008	.008	0	%100
75	MP-15	Z	.008	.008	0	%100
76	PL-1	Z	.023	.023	0	%100
77	PL-2	Z	.023	.023	0	%100
78	PL-3	Z	.023	.023	0	%100
79	PL-4	Z	.023	.023	0	%100
80	PL-5	Z	.023	.023	0	%100
81	PL-6	Z	.023	.023	0	%100
82	SA-1	Z	.004	.004	0	%100
83	SA-2	Z	.004	.004	0	%100
84	SA-3	Z	.007	.007	0	%100

Member Distributed Loads (BLC 15 : 300 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.002	-.002	0	%100
2	ANG-2	X	-.002	-.002	0	%100
3	ANG-3	X	-.002	-.002	0	%100
4	ANG-4	X	-.004	-.004	0	%100
5	ANG-5	X	-.002	-.002	0	%100
6	ANG-6	X	-.002	-.002	0	%100
7	ANG-7	X	-.002	-.002	0	%100
8	ANG-8	X	-.004	-.004	0	%100
9	ANG-9	X	-.004	-.004	0	%100
10	ANG-10	X	-.002	-.002	0	%100
11	ANG-11	X	-.004	-.004	0	%100
12	ANG-12	X	-.002	-.002	0	%100
13	ANG-13	X	-.004	-.004	0	%100
14	ANG-14	X	-.002	-.002	0	%100
15	ANG-15	X	-.004	-.004	0	%100
16	ANG-16	X	-.002	-.002	0	%100
17	ANG-17	X	-.002	-.002	0	%100
18	ANG-18	X	-.004	-.004	0	%100
19	ANG-19	X	-.003	-.003	0	%100
20	ANG-20	X	-.002	-.002	0	%100
21	ANG-21	X	-.002	-.002	0	%100
22	ANG-22	X	-.004	-.004	0	%100
23	ANG-23	X	-.003	-.003	0	%100
24	ANG-24	X	-.002	-.002	0	%100
25	CH-1	X	-.004	-.004	0	%100
26	CH-2	X	-.004	-.004	0	%100
27	CH-3	X	-.005	-.005	0	%100
28	CH-4	X	-.004	-.004	0	%100
29	CH-5	X	-.004	-.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
30	CH-6	X	-.004	-.004	0	%100
31	CH-7	X	-.008	-.008	0	%100
32	CH-8	X	-.008	-.008	0	%100
33	CH-9	X	-.008	-.008	0	%100
34	CH-10	X	-.008	-.008	0	%100
35	CH-11	X	-.008	-.008	0	%100
36	CH-12	X	0	0	0	%100
37	CH-13	X	0	0	0	%100
38	CH-14	X	-.007	-.007	0	%100
39	CH-15	X	-.007	-.007	0	%100
40	CP-1	X	-.008	-.008	0	%100
41	CP-2	X	-.008	-.008	0	%100
42	CP-3	X	-.008	-.008	0	%100
43	CP-4	X	-.008	-.008	0	%100
44	CP-5	X	-.015	-.015	0	%100
45	CP-6	X	-.015	-.015	0	%100
46	FFTH	X	-.002	-.002	0	%100
47	SF1-TH	X	-.002	-.002	0	%100
48	SF2-TH	X	-.005	-.005	0	%100
49	GSI-1	X	-.004	-.004	0	%100
50	GSI-2	X	-.007	-.007	0	%100
51	GSI-3	X	-.005	-.005	0	%100
52	K1	X	-.008	-.008	0	%100
53	K2	X	-.008	-.008	0	%100
54	K3	X	-.008	-.008	0	%100
55	K4	X	-.008	-.008	0	%100
56	K5	X	-.008	-.008	0	%100
57	K6	X	-.008	-.008	0	%100
58	MF1	X	-.003	-.003	0	%100
59	MF2	X	-.003	-.003	0	%100
60	MF3	X	-.005	-.005	0	%100
61	MP-1	X	-.005	-.005	0	%100
62	MP-2	X	-.005	-.005	0	%100
63	MP-3	X	-.005	-.005	0	%100
64	MP-4	X	-.005	-.005	0	%100
65	MP-5	X	-.005	-.005	0	%100
66	MP-6	X	-.005	-.005	0	%100
67	MP-7	X	-.005	-.005	0	%100
68	MP-8	X	-.005	-.005	0	%100
69	MP-9	X	-.005	-.005	0	%100
70	MP-10	X	-.005	-.005	0	%100
71	MP-11	X	-.005	-.005	0	%100
72	MP-12	X	-.005	-.005	0	%100
73	MP-13	X	-.004	-.004	0	%100
74	MP-14	X	-.004	-.004	0	%100
75	MP-15	X	-.004	-.004	0	%100
76	PL-1	X	-.012	-.012	0	%100
77	PL-2	X	-.012	-.012	0	%100
78	PL-3	X	-.012	-.012	0	%100
79	PL-4	X	-.012	-.012	0	%100
80	PL-5	X	-.012	-.012	0	%100
81	PL-6	X	-.012	-.012	0	%100

Member Distributed Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
82	SA-1	X	-.003	-.003	0	%100
83	SA-2	X	0	0	0	%100
84	SA-3	X	-.003	-.003	0	%100
85	ANG-1	Z	.004	.004	0	%100
86	ANG-2	Z	.004	.004	0	%100
87	ANG-3	Z	.004	.004	0	%100
88	ANG-4	Z	.008	.008	0	%100
89	ANG-5	Z	.004	.004	0	%100
90	ANG-6	Z	.004	.004	0	%100
91	ANG-7	Z	.004	.004	0	%100
92	ANG-8	Z	.008	.008	0	%100
93	ANG-9	Z	.007	.007	0	%100
94	ANG-10	Z	.004	.004	0	%100
95	ANG-11	Z	.009	.009	0	%100
96	ANG-12	Z	.004	.004	0	%100
97	ANG-13	Z	.007	.007	0	%100
98	ANG-14	Z	.004	.004	0	%100
99	ANG-15	Z	.009	.009	0	%100
100	ANG-16	Z	.004	.004	0	%100
101	ANG-17	Z	.004	.004	0	%100
102	ANG-18	Z	.008	.008	0	%100
103	ANG-19	Z	.004	.004	0	%100
104	ANG-20	Z	.004	.004	0	%100
105	ANG-21	Z	.004	.004	0	%100
106	ANG-22	Z	.008	.008	0	%100
107	ANG-23	Z	.004	.004	0	%100
108	ANG-24	Z	.004	.004	0	%100
109	CH-1	Z	.008	.008	0	%100
110	CH-2	Z	.008	.008	0	%100
111	CH-3	Z	.008	.008	0	%100
112	CH-4	Z	.007	.007	0	%100
113	CH-5	Z	.007	.007	0	%100
114	CH-6	Z	.008	.008	0	%100
115	CH-7	Z	.015	.015	0	%100
116	CH-8	Z	.015	.015	0	%100
117	CH-9	Z	.016	.016	0	%100
118	CH-10	Z	.013	.013	0	%100
119	CH-11	Z	.013	.013	0	%100
120	CH-12	Z	0	0	0	%100
121	CH-13	Z	0	0	0	%100
122	CH-14	Z	.015	.015	0	%100
123	CH-15	Z	.015	.015	0	%100
124	CP-1	Z	.013	.013	0	%100
125	CP-2	Z	.013	.013	0	%100
126	CP-3	Z	.013	.013	0	%100
127	CP-4	Z	.013	.013	0	%100
128	CP-5	Z	.027	.027	0	%100
129	CP-6	Z	.027	.027	0	%100
130	FFTH	Z	.004	.004	0	%100
131	SF1-TH	Z	.004	.004	0	%100
132	SF2-TH	Z	.008	.008	0	%100
133	GSI-1	Z	.008	.008	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
134	GSI-2	Z	.015	.015	0	%100
135	GSI-3	Z	.008	.008	0	%100
136	K1	Z	.014	.014	0	%100
137	K2	Z	.014	.014	0	%100
138	K3	Z	.014	.014	0	%100
139	K4	Z	.014	.014	0	%100
140	K5	Z	.014	.014	0	%100
141	K6	Z	.014	.014	0	%100
142	MF1	Z	.005	.005	0	%100
143	MF2	Z	.005	.005	0	%100
144	MF3	Z	.009	.009	0	%100
145	MP-1	Z	.008	.008	0	%100
146	MP-2	Z	.008	.008	0	%100
147	MP-3	Z	.008	.008	0	%100
148	MP-4	Z	.008	.008	0	%100
149	MP-5	Z	.008	.008	0	%100
150	MP-6	Z	.008	.008	0	%100
151	MP-7	Z	.008	.008	0	%100
152	MP-8	Z	.008	.008	0	%100
153	MP-9	Z	.008	.008	0	%100
154	MP-10	Z	.008	.008	0	%100
155	MP-11	Z	.008	.008	0	%100
156	MP-12	Z	.008	.008	0	%100
157	MP-13	Z	.007	.007	0	%100
158	MP-14	Z	.007	.007	0	%100
159	MP-15	Z	.007	.007	0	%100
160	PL-1	Z	.02	.02	0	%100
161	PL-2	Z	.02	.02	0	%100
162	PL-3	Z	.02	.02	0	%100
163	PL-4	Z	.02	.02	0	%100
164	PL-5	Z	.02	.02	0	%100
165	PL-6	Z	.02	.02	0	%100
166	SA-1	Z	.006	.006	0	%100
167	SA-2	Z	0	0	0	%100
168	SA-3	Z	.006	.006	0	%100

Member Distributed Loads (BLC 16 : 315 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.001	-.001	0	%100
2	ANG-2	X	-.005	-.005	0	%100
3	ANG-3	X	-.002	-.002	0	%100
4	ANG-4	X	-.006	-.006	0	%100
5	ANG-5	X	-.001	-.001	0	%100
6	ANG-6	X	-.005	-.005	0	%100
7	ANG-7	X	-.002	-.002	0	%100
8	ANG-8	X	-.006	-.006	0	%100
9	ANG-9	X	-.005	-.005	0	%100
10	ANG-10	X	-.001	-.001	0	%100
11	ANG-11	X	-.006	-.006	0	%100
12	ANG-12	X	-.005	-.005	0	%100
13	ANG-13	X	-.005	-.005	0	%100

Member Distributed Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
14	ANG-14	X	-.001	-.001	0	%100
15	ANG-15	X	-.006	-.006	0	%100
16	ANG-16	X	-.005	-.005	0	%100
17	ANG-17	X	-.004	-.004	0	%100
18	ANG-18	X	-.006	-.006	0	%100
19	ANG-19	X	-.005	-.005	0	%100
20	ANG-20	X	-.001	-.001	0	%100
21	ANG-21	X	-.004	-.004	0	%100
22	ANG-22	X	-.006	-.006	0	%100
23	ANG-23	X	-.005	-.005	0	%100
24	ANG-24	X	-.001	-.001	0	%100
25	CH-1	X	-.009	-.009	0	%100
26	CH-2	X	-.009	-.009	0	%100
27	CH-3	X	-.01	-.01	0	%100
28	CH-4	X	-.003	-.003	0	%100
29	CH-5	X	-.003	-.003	0	%100
30	CH-6	X	-.003	-.003	0	%100
31	CH-7	X	-.011	-.011	0	%100
32	CH-8	X	-.011	-.011	0	%100
33	CH-9	X	-.012	-.012	0	%100
34	CH-10	X	-.013	-.013	0	%100
35	CH-11	X	-.013	-.013	0	%100
36	CH-12	X	-.004	-.004	0	%100
37	CH-13	X	-.004	-.004	0	%100
38	CH-14	X	-.008	-.008	0	%100
39	CH-15	X	-.008	-.008	0	%100
40	CP-1	X	-.015	-.015	0	%100
41	CP-2	X	-.015	-.015	0	%100
42	CP-3	X	-.006	-.006	0	%100
43	CP-4	X	-.006	-.006	0	%100
44	CP-5	X	-.021	-.021	0	%100
45	CP-6	X	-.021	-.021	0	%100
46	FFTH	X	-.005	-.005	0	%100
47	SF1-TH	X	-.002	-.002	0	%100
48	SF2-TH	X	-.006	-.006	0	%100
49	GSI-1	X	-.003	-.003	0	%100
50	GSI-2	X	-.01	-.01	0	%100
51	GSI-3	X	-.009	-.009	0	%100
52	K1	X	-.011	-.011	0	%100
53	K2	X	-.011	-.011	0	%100
54	K3	X	-.011	-.011	0	%100
55	K4	X	-.011	-.011	0	%100
56	K5	X	-.011	-.011	0	%100
57	K6	X	-.011	-.011	0	%100
58	MF1	X	-.005	-.005	0	%100
59	MF2	X	-.002	-.002	0	%100
60	MF3	X	-.007	-.007	0	%100
61	MP-1	X	-.006	-.006	0	%100
62	MP-2	X	-.006	-.006	0	%100
63	MP-3	X	-.006	-.006	0	%100
64	MP-4	X	-.006	-.006	0	%100
65	MP-5	X	-.006	-.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
66	MP-6	X	-.006	-.006	0	%100
67	MP-7	X	-.006	-.006	0	%100
68	MP-8	X	-.006	-.006	0	%100
69	MP-9	X	-.006	-.006	0	%100
70	MP-10	X	-.006	-.006	0	%100
71	MP-11	X	-.006	-.006	0	%100
72	MP-12	X	-.006	-.006	0	%100
73	MP-13	X	-.005	-.005	0	%100
74	MP-14	X	-.005	-.005	0	%100
75	MP-15	X	-.005	-.005	0	%100
76	PL-1	X	-.016	-.016	0	%100
77	PL-2	X	-.016	-.016	0	%100
78	PL-3	X	-.016	-.016	0	%100
79	PL-4	X	-.016	-.016	0	%100
80	PL-5	X	-.016	-.016	0	%100
81	PL-6	X	-.016	-.016	0	%100
82	SA-1	X	-.005	-.005	0	%100
83	SA-2	X	-.001	-.001	0	%100
84	SA-3	X	-.004	-.004	0	%100
85	ANG-1	Z	.002	.002	0	%100
86	ANG-2	Z	.005	.005	0	%100
87	ANG-3	Z	.002	.002	0	%100
88	ANG-4	Z	.006	.006	0	%100
89	ANG-5	Z	.002	.002	0	%100
90	ANG-6	Z	.005	.005	0	%100
91	ANG-7	Z	.002	.002	0	%100
92	ANG-8	Z	.006	.006	0	%100
93	ANG-9	Z	.006	.006	0	%100
94	ANG-10	Z	.002	.002	0	%100
95	ANG-11	Z	.007	.007	0	%100
96	ANG-12	Z	.005	.005	0	%100
97	ANG-13	Z	.006	.006	0	%100
98	ANG-14	Z	.002	.002	0	%100
99	ANG-15	Z	.007	.007	0	%100
100	ANG-16	Z	.005	.005	0	%100
101	ANG-17	Z	.004	.004	0	%100
102	ANG-18	Z	.006	.006	0	%100
103	ANG-19	Z	.005	.005	0	%100
104	ANG-20	Z	.002	.002	0	%100
105	ANG-21	Z	.004	.004	0	%100
106	ANG-22	Z	.006	.006	0	%100
107	ANG-23	Z	.005	.005	0	%100
108	ANG-24	Z	.002	.002	0	%100
109	CH-1	Z	.009	.009	0	%100
110	CH-2	Z	.009	.009	0	%100
111	CH-3	Z	.01	.01	0	%100
112	CH-4	Z	.003	.003	0	%100
113	CH-5	Z	.003	.003	0	%100
114	CH-6	Z	.003	.003	0	%100
115	CH-7	Z	.012	.012	0	%100
116	CH-8	Z	.012	.012	0	%100
117	CH-9	Z	.013	.013	0	%100

Member Distributed Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
118	CH-10	Z	.012	.012	0	%100
119	CH-11	Z	.012	.012	0	%100
120	CH-12	Z	.003	.003	0	%100
121	CH-13	Z	.003	.003	0	%100
122	CH-14	Z	.01	.01	0	%100
123	CH-15	Z	.01	.01	0	%100
124	CP-1	Z	.015	.015	0	%100
125	CP-2	Z	.015	.015	0	%100
126	CP-3	Z	.006	.006	0	%100
127	CP-4	Z	.006	.006	0	%100
128	CP-5	Z	.021	.021	0	%100
129	CP-6	Z	.021	.021	0	%100
130	FFTH	Z	.005	.005	0	%100
131	SF1-TH	Z	.002	.002	0	%100
132	SF2-TH	Z	.006	.006	0	%100
133	GSI-1	Z	.003	.003	0	%100
134	GSI-2	Z	.012	.012	0	%100
135	GSI-3	Z	.009	.009	0	%100
136	K1	Z	.011	.011	0	%100
137	K2	Z	.011	.011	0	%100
138	K3	Z	.011	.011	0	%100
139	K4	Z	.011	.011	0	%100
140	K5	Z	.011	.011	0	%100
141	K6	Z	.011	.011	0	%100
142	MF1	Z	.005	.005	0	%100
143	MF2	Z	.002	.002	0	%100
144	MF3	Z	.007	.007	0	%100
145	MP-1	Z	.006	.006	0	%100
146	MP-2	Z	.006	.006	0	%100
147	MP-3	Z	.006	.006	0	%100
148	MP-4	Z	.006	.006	0	%100
149	MP-5	Z	.006	.006	0	%100
150	MP-6	Z	.006	.006	0	%100
151	MP-7	Z	.006	.006	0	%100
152	MP-8	Z	.006	.006	0	%100
153	MP-9	Z	.006	.006	0	%100
154	MP-10	Z	.006	.006	0	%100
155	MP-11	Z	.006	.006	0	%100
156	MP-12	Z	.006	.006	0	%100
157	MP-13	Z	.005	.005	0	%100
158	MP-14	Z	.005	.005	0	%100
159	MP-15	Z	.005	.005	0	%100
160	PL-1	Z	.016	.016	0	%100
161	PL-2	Z	.016	.016	0	%100
162	PL-3	Z	.016	.016	0	%100
163	PL-4	Z	.016	.016	0	%100
164	PL-5	Z	.016	.016	0	%100
165	PL-6	Z	.016	.016	0	%100
166	SA-1	Z	.005	.005	0	%100
167	SA-2	Z	.001	.001	0	%100
168	SA-3	Z	.004	.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 17 : 330 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	0	0	0	%100
2	ANG-2	X	-.007	-.007	0	%100
3	ANG-3	X	0	0	0	%100
4	ANG-4	X	-.006	-.006	0	%100
5	ANG-5	X	0	0	0	%100
6	ANG-6	X	-.007	-.007	0	%100
7	ANG-7	X	0	0	0	%100
8	ANG-8	X	-.006	-.006	0	%100
9	ANG-9	X	-.006	-.006	0	%100
10	ANG-10	X	0	0	0	%100
11	ANG-11	X	-.007	-.007	0	%100
12	ANG-12	X	-.007	-.007	0	%100
13	ANG-13	X	-.006	-.006	0	%100
14	ANG-14	X	0	0	0	%100
15	ANG-15	X	-.007	-.007	0	%100
16	ANG-16	X	-.007	-.007	0	%100
17	ANG-17	X	-.006	-.006	0	%100
18	ANG-18	X	-.006	-.006	0	%100
19	ANG-19	X	-.008	-.008	0	%100
20	ANG-20	X	0	0	0	%100
21	ANG-21	X	-.006	-.006	0	%100
22	ANG-22	X	-.006	-.006	0	%100
23	ANG-23	X	-.008	-.008	0	%100
24	ANG-24	X	0	0	0	%100
25	CH-1	X	-.013	-.013	0	%100
26	CH-2	X	-.013	-.013	0	%100
27	CH-3	X	-.015	-.015	0	%100
28	CH-4	X	0	0	0	%100
29	CH-5	X	0	0	0	%100
30	CH-6	X	0	0	0	%100
31	CH-7	X	-.012	-.012	0	%100
32	CH-8	X	-.012	-.012	0	%100
33	CH-9	X	-.013	-.013	0	%100
34	CH-10	X	-.017	-.017	0	%100
35	CH-11	X	-.017	-.017	0	%100
36	CH-12	X	-.008	-.008	0	%100
37	CH-13	X	-.008	-.008	0	%100
38	CH-14	X	-.007	-.007	0	%100
39	CH-15	X	-.007	-.007	0	%100
40	CP-1	X	-.023	-.023	0	%100
41	CP-2	X	-.023	-.023	0	%100
42	CP-3	X	0	0	0	%100
43	CP-4	X	0	0	0	%100
44	CP-5	X	-.023	-.023	0	%100
45	CP-6	X	-.023	-.023	0	%100
46	FFTH	X	-.007	-.007	0	%100
47	SF1-TH	X	0	0	0	%100
48	SF2-TH	X	-.007	-.007	0	%100
49	GSI-1	X	0	0	0	%100
50	GSI-2	X	-.011	-.011	0	%100
51	GSI-3	X	-.014	-.014	0	%100
52	K1	X	-.014	-.014	0	%100

Member Distributed Loads (BLC 17 : 330 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
53	K2	X	-.014	-.014	0	%100
54	K3	X	-.014	-.014	0	%100
55	K4	X	-.014	-.014	0	%100
56	K5	X	-.014	-.014	0	%100
57	K6	X	-.014	-.014	0	%100
58	MF1	X	-.008	-.008	0	%100
59	MF2	X	0	0	0	%100
60	MF3	X	-.008	-.008	0	%100
61	MP-1	X	-.008	-.008	0	%100
62	MP-2	X	-.008	-.008	0	%100
63	MP-3	X	-.008	-.008	0	%100
64	MP-4	X	-.008	-.008	0	%100
65	MP-5	X	-.008	-.008	0	%100
66	MP-6	X	-.008	-.008	0	%100
67	MP-7	X	-.008	-.008	0	%100
68	MP-8	X	-.008	-.008	0	%100
69	MP-9	X	-.008	-.008	0	%100
70	MP-10	X	-.008	-.008	0	%100
71	MP-11	X	-.008	-.008	0	%100
72	MP-12	X	-.008	-.008	0	%100
73	MP-13	X	-.007	-.007	0	%100
74	MP-14	X	-.007	-.007	0	%100
75	MP-15	X	-.007	-.007	0	%100
76	PL-1	X	-.02	-.02	0	%100
77	PL-2	X	-.02	-.02	0	%100
78	PL-3	X	-.02	-.02	0	%100
79	PL-4	X	-.02	-.02	0	%100
80	PL-5	X	-.02	-.02	0	%100
81	PL-6	X	-.02	-.02	0	%100
82	SA-1	X	-.007	-.007	0	%100
83	SA-2	X	-.003	-.003	0	%100
84	SA-3	X	-.003	-.003	0	%100
85	ANG-1	Z	0	0	0	%100
86	ANG-2	Z	.004	.004	0	%100
87	ANG-3	Z	0	0	0	%100
88	ANG-4	Z	.004	.004	0	%100
89	ANG-5	Z	0	0	0	%100
90	ANG-6	Z	.004	.004	0	%100
91	ANG-7	Z	0	0	0	%100
92	ANG-8	Z	.004	.004	0	%100
93	ANG-9	Z	.004	.004	0	%100
94	ANG-10	Z	0	0	0	%100
95	ANG-11	Z	.004	.004	0	%100
96	ANG-12	Z	.004	.004	0	%100
97	ANG-13	Z	.004	.004	0	%100
98	ANG-14	Z	0	0	0	%100
99	ANG-15	Z	.004	.004	0	%100
100	ANG-16	Z	.004	.004	0	%100
101	ANG-17	Z	.004	.004	0	%100
102	ANG-18	Z	.004	.004	0	%100
103	ANG-19	Z	.004	.004	0	%100
104	ANG-20	Z	0	0	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 17 : 330 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
105	ANG-21	Z	.004	.004	0	%100
106	ANG-22	Z	.004	.004	0	%100
107	ANG-23	Z	.004	.004	0	%100
108	ANG-24	Z	0	0	0	%100
109	CH-1	Z	.008	.008	0	%100
110	CH-2	Z	.008	.008	0	%100
111	CH-3	Z	.008	.008	0	%100
112	CH-4	Z	0	0	0	%100
113	CH-5	Z	0	0	0	%100
114	CH-6	Z	0	0	0	%100
115	CH-7	Z	.007	.007	0	%100
116	CH-8	Z	.007	.007	0	%100
117	CH-9	Z	.008	.008	0	%100
118	CH-10	Z	.009	.009	0	%100
119	CH-11	Z	.009	.009	0	%100
120	CH-12	Z	.004	.004	0	%100
121	CH-13	Z	.004	.004	0	%100
122	CH-14	Z	.005	.005	0	%100
123	CH-15	Z	.005	.005	0	%100
124	CP-1	Z	.013	.013	0	%100
125	CP-2	Z	.013	.013	0	%100
126	CP-3	Z	0	0	0	%100
127	CP-4	Z	0	0	0	%100
128	CP-5	Z	.013	.013	0	%100
129	CP-6	Z	.013	.013	0	%100
130	FFTH	Z	.004	.004	0	%100
131	SF1-TH	Z	0	0	0	%100
132	SF2-TH	Z	.004	.004	0	%100
133	GSI-1	Z	0	0	0	%100
134	GSI-2	Z	.008	.008	0	%100
135	GSI-3	Z	.008	.008	0	%100
136	K1	Z	.008	.008	0	%100
137	K2	Z	.008	.008	0	%100
138	K3	Z	.008	.008	0	%100
139	K4	Z	.008	.008	0	%100
140	K5	Z	.008	.008	0	%100
141	K6	Z	.008	.008	0	%100
142	MF1	Z	.005	.005	0	%100
143	MF2	Z	0	0	0	%100
144	MF3	Z	.005	.005	0	%100
145	MP-1	Z	.005	.005	0	%100
146	MP-2	Z	.005	.005	0	%100
147	MP-3	Z	.005	.005	0	%100
148	MP-4	Z	.005	.005	0	%100
149	MP-5	Z	.005	.005	0	%100
150	MP-6	Z	.005	.005	0	%100
151	MP-7	Z	.005	.005	0	%100
152	MP-8	Z	.005	.005	0	%100
153	MP-9	Z	.005	.005	0	%100
154	MP-10	Z	.005	.005	0	%100
155	MP-11	Z	.005	.005	0	%100
156	MP-12	Z	.005	.005	0	%100

Member Distributed Loads (BLC 17 : 330 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
157	MP-13	Z	.004	.004	0	%100
158	MP-14	Z	.004	.004	0	%100
159	MP-15	Z	.004	.004	0	%100
160	PL-1	Z	.012	.012	0	%100
161	PL-2	Z	.012	.012	0	%100
162	PL-3	Z	.012	.012	0	%100
163	PL-4	Z	.012	.012	0	%100
164	PL-5	Z	.012	.012	0	%100
165	PL-6	Z	.012	.012	0	%100
166	SA-1	Z	.004	.004	0	%100
167	SA-2	Z	.002	.002	0	%100
168	SA-3	Z	.002	.002	0	%100

Member Distributed Loads (BLC 18 : Ice Weight)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	Y	-.004	-.004	0	%100
2	ANG-2	Y	-.003	-.003	0	%100
3	ANG-3	Y	-.003	-.003	0	%100
4	ANG-4	Y	-.003	-.003	0	%100
5	ANG-5	Y	-.004	-.004	0	%100
6	ANG-6	Y	-.003	-.003	0	%100
7	ANG-7	Y	-.003	-.003	0	%100
8	ANG-8	Y	-.003	-.003	0	%100
9	ANG-9	Y	-.004	-.004	0	%100
10	ANG-10	Y	-.003	-.003	0	%100
11	ANG-11	Y	-.003	-.003	0	%100
12	ANG-12	Y	-.003	-.003	0	%100
13	ANG-13	Y	-.004	-.004	0	%100
14	ANG-14	Y	-.003	-.003	0	%100
15	ANG-15	Y	-.003	-.003	0	%100
16	ANG-16	Y	-.003	-.003	0	%100
17	ANG-17	Y	-.004	-.004	0	%100
18	ANG-18	Y	-.003	-.003	0	%100
19	ANG-19	Y	-.003	-.003	0	%100
20	ANG-20	Y	-.003	-.003	0	%100
21	ANG-21	Y	-.004	-.004	0	%100
22	ANG-22	Y	-.003	-.003	0	%100
23	ANG-23	Y	-.003	-.003	0	%100
24	ANG-24	Y	-.003	-.003	0	%100
25	CH-1	Y	-.006	-.006	0	%100
26	CH-2	Y	-.006	-.006	0	%100
27	CH-3	Y	-.006	-.006	0	%100
28	CH-4	Y	-.006	-.006	0	%100
29	CH-5	Y	-.006	-.006	0	%100
30	CH-6	Y	-.006	-.006	0	%100
31	CH-7	Y	-.006	-.006	0	%100
32	CH-8	Y	-.006	-.006	0	%100
33	CH-9	Y	-.006	-.006	0	%100
34	CH-10	Y	-.006	-.006	0	%100
35	CH-11	Y	-.006	-.006	0	%100
36	CH-12	Y	-.006	-.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 18 : Ice Weight) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
37	CH-13	Y	-.006	-.006	0	%100
38	CH-14	Y	-.006	-.006	0	%100
39	CH-15	Y	-.006	-.006	0	%100
40	CP-1	Y	-.008	-.008	0	%100
41	CP-2	Y	-.008	-.008	0	%100
42	CP-3	Y	-.008	-.008	0	%100
43	CP-4	Y	-.008	-.008	0	%100
44	CP-5	Y	-.008	-.008	0	%100
45	CP-6	Y	-.008	-.008	0	%100
46	FFTH	Y	-.004	-.004	0	%100
47	SF1-TH	Y	-.004	-.004	0	%100
48	SF2-TH	Y	-.004	-.004	0	%100
49	GSI-1	Y	-.005	-.005	0	%100
50	GSI-2	Y	-.005	-.005	0	%100
51	GSI-3	Y	-.005	-.005	0	%100
52	K1	Y	-.004	-.004	0	%100
53	K2	Y	-.004	-.004	0	%100
54	K3	Y	-.004	-.004	0	%100
55	K4	Y	-.004	-.004	0	%100
56	K5	Y	-.004	-.004	0	%100
57	K6	Y	-.004	-.004	0	%100
58	MF1	Y	-.005	-.005	0	%100
59	MF2	Y	-.005	-.005	0	%100
60	MF3	Y	-.005	-.005	0	%100
61	MP-1	Y	-.004	-.004	0	%100
62	MP-2	Y	-.004	-.004	0	%100
63	MP-3	Y	-.004	-.004	0	%100
64	MP-4	Y	-.004	-.004	0	%100
65	MP-5	Y	-.004	-.004	0	%100
66	MP-6	Y	-.004	-.004	0	%100
67	MP-7	Y	-.004	-.004	0	%100
68	MP-8	Y	-.004	-.004	0	%100
69	MP-9	Y	-.004	-.004	0	%100
70	MP-10	Y	-.004	-.004	0	%100
71	MP-11	Y	-.004	-.004	0	%100
72	MP-12	Y	-.004	-.004	0	%100
73	MP-13	Y	-.004	-.004	0	%100
74	MP-14	Y	-.004	-.004	0	%100
75	MP-15	Y	-.004	-.004	0	%100
76	PL-1	Y	-.006	-.006	0	%100
77	PL-2	Y	-.006	-.006	0	%100
78	PL-3	Y	-.006	-.006	0	%100
79	PL-4	Y	-.006	-.006	0	%100
80	PL-5	Y	-.006	-.006	0	%100
81	PL-6	Y	-.006	-.006	0	%100
82	SA-1	Y	-.007	-.007	0	%100
83	SA-2	Y	-.007	-.007	0	%100
84	SA-3	Y	-.007	-.007	0	%100

Member Distributed Loads (BLC 19 : 0 Wind - Ice)

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

Member Distributed Loads (BLC 19 : 0 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.003	-.003	0	%100
2	ANG-2	X	-.003	-.003	0	%100
3	ANG-3	X	-.003	-.003	0	%100
4	ANG-4	X	-.003	-.003	0	%100
5	ANG-5	X	-.003	-.003	0	%100
6	ANG-6	X	-.003	-.003	0	%100
7	ANG-7	X	-.003	-.003	0	%100
8	ANG-8	X	-.003	-.003	0	%100
9	ANG-9	X	-.003	-.003	0	%100
10	ANG-10	X	-.003	-.003	0	%100
11	ANG-11	X	-.003	-.003	0	%100
12	ANG-12	X	-.003	-.003	0	%100
13	ANG-13	X	-.003	-.003	0	%100
14	ANG-14	X	-.003	-.003	0	%100
15	ANG-15	X	-.003	-.003	0	%100
16	ANG-16	X	-.003	-.003	0	%100
17	ANG-17	X	-.003	-.003	0	%100
18	ANG-18	X	-.003	-.003	0	%100
19	ANG-19	X	-.003	-.003	0	%100
20	ANG-20	X	-.003	-.003	0	%100
21	ANG-21	X	-.003	-.003	0	%100
22	ANG-22	X	-.003	-.003	0	%100
23	ANG-23	X	-.003	-.003	0	%100
24	ANG-24	X	-.003	-.003	0	%100
25	CH-1	X	-.005	-.005	0	%100
26	CH-2	X	-.005	-.005	0	%100
27	CH-3	X	-.005	-.005	0	%100
28	CH-4	X	-.005	-.005	0	%100
29	CH-5	X	-.005	-.005	0	%100
30	CH-6	X	-.005	-.005	0	%100
31	CH-7	X	-.005	-.005	0	%100
32	CH-8	X	-.005	-.005	0	%100
33	CH-9	X	-.005	-.005	0	%100
34	CH-10	X	-.005	-.005	0	%100
35	CH-11	X	-.005	-.005	0	%100
36	CH-12	X	-.005	-.005	0	%100
37	CH-13	X	-.005	-.005	0	%100
38	CH-14	X	-.004	-.004	0	%100
39	CH-15	X	-.004	-.004	0	%100
40	CP-1	X	-.009	-.009	0	%100
41	CP-2	X	-.009	-.009	0	%100
42	CP-3	X	-.009	-.009	0	%100
43	CP-4	X	-.009	-.009	0	%100
44	CP-5	X	-.009	-.009	0	%100
45	CP-6	X	-.009	-.009	0	%100
46	FFTH	X	-.003	-.003	0	%100
47	SF1-TH	X	-.003	-.003	0	%100
48	SF2-TH	X	-.003	-.003	0	%100
49	GSI-1	X	-.004	-.004	0	%100
50	GSI-2	X	-.004	-.004	0	%100
51	GSI-3	X	-.005	-.005	0	%100
52	K1	X	-.004	-.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 19 : 0 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
53	K2	X	-.004	-.004	0	%100
54	K3	X	-.004	-.004	0	%100
55	K4	X	-.004	-.004	0	%100
56	K5	X	-.004	-.004	0	%100
57	K6	X	-.004	-.004	0	%100
58	MF1	X	-.003	-.003	0	%100
59	MF2	X	-.003	-.003	0	%100
60	MF3	X	-.003	-.003	0	%100
61	MP-1	X	-.002	-.002	0	%100
62	MP-2	X	-.002	-.002	0	%100
63	MP-3	X	-.002	-.002	0	%100
64	MP-4	X	-.002	-.002	0	%100
65	MP-5	X	-.002	-.002	0	%100
66	MP-6	X	-.002	-.002	0	%100
67	MP-7	X	-.002	-.002	0	%100
68	MP-8	X	-.002	-.002	0	%100
69	MP-9	X	-.002	-.002	0	%100
70	MP-10	X	-.002	-.002	0	%100
71	MP-11	X	-.002	-.002	0	%100
72	MP-12	X	-.002	-.002	0	%100
73	MP-13	X	-.002	-.002	0	%100
74	MP-14	X	-.002	-.002	0	%100
75	MP-15	X	-.002	-.002	0	%100
76	PL-1	X	-.006	-.006	0	%100
77	PL-2	X	-.006	-.006	0	%100
78	PL-3	X	-.006	-.006	0	%100
79	PL-4	X	-.006	-.006	0	%100
80	PL-5	X	-.006	-.006	0	%100
81	PL-6	X	-.006	-.006	0	%100
82	SA-1	X	-.003	-.003	0	%100
83	SA-2	X	-.003	-.003	0	%100
84	SA-3	X	-.003	-.003	0	%100

Member Distributed Loads (BLC 20 : 30 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.002	-.002	0	%100
2	ANG-2	X	-.003	-.003	0	%100
3	ANG-3	X	-.002	-.002	0	%100
4	ANG-4	X	0	0	0	%100
5	ANG-5	X	-.002	-.002	0	%100
6	ANG-6	X	-.003	-.003	0	%100
7	ANG-7	X	-.002	-.002	0	%100
8	ANG-8	X	0	0	0	%100
9	ANG-9	X	0	0	0	%100
10	ANG-10	X	-.002	-.002	0	%100
11	ANG-11	X	0	0	0	%100
12	ANG-12	X	-.003	-.003	0	%100
13	ANG-13	X	0	0	0	%100
14	ANG-14	X	-.002	-.002	0	%100
15	ANG-15	X	0	0	0	%100
16	ANG-16	X	-.003	-.003	0	%100

Member Distributed Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
17	ANG-17	X	-.003	-.003	0	%100
18	ANG-18	X	0	0	0	%100
19	ANG-19	X	-.003	-.003	0	%100
20	ANG-20	X	-.002	-.002	0	%100
21	ANG-21	X	-.003	-.003	0	%100
22	ANG-22	X	0	0	0	%100
23	ANG-23	X	-.003	-.003	0	%100
24	ANG-24	X	-.002	-.002	0	%100
25	CH-1	X	-.004	-.004	0	%100
26	CH-2	X	-.004	-.004	0	%100
27	CH-3	X	-.004	-.004	0	%100
28	CH-4	X	-.003	-.003	0	%100
29	CH-5	X	-.003	-.003	0	%100
30	CH-6	X	-.003	-.003	0	%100
31	CH-7	X	0	0	0	%100
32	CH-8	X	0	0	0	%100
33	CH-9	X	0	0	0	%100
34	CH-10	X	-.002	-.002	0	%100
35	CH-11	X	-.002	-.002	0	%100
36	CH-12	X	-.004	-.004	0	%100
37	CH-13	X	-.004	-.004	0	%100
38	CH-14	X	-.002	-.002	0	%100
39	CH-15	X	-.002	-.002	0	%100
40	CP-1	X	-.007	-.007	0	%100
41	CP-2	X	-.007	-.007	0	%100
42	CP-3	X	-.007	-.007	0	%100
43	CP-4	X	-.007	-.007	0	%100
44	CP-5	X	0	0	0	%100
45	CP-6	X	0	0	0	%100
46	FFTH	X	-.002	-.002	0	%100
47	SF1-TH	X	-.002	-.002	0	%100
48	SF2-TH	X	0	0	0	%100
49	GSI-1	X	-.003	-.003	0	%100
50	GSI-2	X	0	0	0	%100
51	GSI-3	X	-.004	-.004	0	%100
52	K1	X	-.004	-.004	0	%100
53	K2	X	-.004	-.004	0	%100
54	K3	X	-.004	-.004	0	%100
55	K4	X	-.004	-.004	0	%100
56	K5	X	-.004	-.004	0	%100
57	K6	X	-.004	-.004	0	%100
58	MF1	X	-.003	-.003	0	%100
59	MF2	X	-.002	-.002	0	%100
60	MF3	X	0	0	0	%100
61	MP-1	X	-.002	-.002	0	%100
62	MP-2	X	-.002	-.002	0	%100
63	MP-3	X	-.002	-.002	0	%100
64	MP-4	X	-.002	-.002	0	%100
65	MP-5	X	-.002	-.002	0	%100
66	MP-6	X	-.002	-.002	0	%100
67	MP-7	X	-.002	-.002	0	%100
68	MP-8	X	-.002	-.002	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
69	MP-9	X	-.002	-.002	0	%100
70	MP-10	X	-.002	-.002	0	%100
71	MP-11	X	-.002	-.002	0	%100
72	MP-12	X	-.002	-.002	0	%100
73	MP-13	X	-.002	-.002	0	%100
74	MP-14	X	-.002	-.002	0	%100
75	MP-15	X	-.002	-.002	0	%100
76	PL-1	X	-.005	-.005	0	%100
77	PL-2	X	-.005	-.005	0	%100
78	PL-3	X	-.005	-.005	0	%100
79	PL-4	X	-.005	-.005	0	%100
80	PL-5	X	-.005	-.005	0	%100
81	PL-6	X	-.005	-.005	0	%100
82	SA-1	X	-.001	-.001	0	%100
83	SA-2	X	-.003	-.003	0	%100
84	SA-3	X	-.001	-.001	0	%100
85	ANG-1	Z	-.001	-.001	0	%100
86	ANG-2	Z	-.001	-.001	0	%100
87	ANG-3	Z	-.001	-.001	0	%100
88	ANG-4	Z	0	0	0	%100
89	ANG-5	Z	-.001	-.001	0	%100
90	ANG-6	Z	-.001	-.001	0	%100
91	ANG-7	Z	-.001	-.001	0	%100
92	ANG-8	Z	0	0	0	%100
93	ANG-9	Z	0	0	0	%100
94	ANG-10	Z	-.001	-.001	0	%100
95	ANG-11	Z	0	0	0	%100
96	ANG-12	Z	-.001	-.001	0	%100
97	ANG-13	Z	0	0	0	%100
98	ANG-14	Z	-.001	-.001	0	%100
99	ANG-15	Z	0	0	0	%100
100	ANG-16	Z	-.001	-.001	0	%100
101	ANG-17	Z	-.001	-.001	0	%100
102	ANG-18	Z	0	0	0	%100
103	ANG-19	Z	-.001	-.001	0	%100
104	ANG-20	Z	-.001	-.001	0	%100
105	ANG-21	Z	-.001	-.001	0	%100
106	ANG-22	Z	0	0	0	%100
107	ANG-23	Z	-.001	-.001	0	%100
108	ANG-24	Z	-.001	-.001	0	%100
109	CH-1	Z	-.002	-.002	0	%100
110	CH-2	Z	-.002	-.002	0	%100
111	CH-3	Z	-.002	-.002	0	%100
112	CH-4	Z	-.002	-.002	0	%100
113	CH-5	Z	-.002	-.002	0	%100
114	CH-6	Z	-.002	-.002	0	%100
115	CH-7	Z	0	0	0	%100
116	CH-8	Z	0	0	0	%100
117	CH-9	Z	0	0	0	%100
118	CH-10	Z	-.001	-.001	0	%100
119	CH-11	Z	-.001	-.001	0	%100
120	CH-12	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
121	CH-13	Z	-.002	-.002	0	%100
122	CH-14	Z	-.001	-.001	0	%100
123	CH-15	Z	-.001	-.001	0	%100
124	CP-1	Z	-.003	-.003	0	%100
125	CP-2	Z	-.003	-.003	0	%100
126	CP-3	Z	-.004	-.004	0	%100
127	CP-4	Z	-.004	-.004	0	%100
128	CP-5	Z	0	0	0	%100
129	CP-6	Z	0	0	0	%100
130	FFTH	Z	-.001	-.001	0	%100
131	SF1-TH	Z	-.001	-.001	0	%100
132	SF2-TH	Z	0	0	0	%100
133	GSI-1	Z	-.002	-.002	0	%100
134	GSI-2	Z	0	0	0	%100
135	GSI-3	Z	-.002	-.002	0	%100
136	K1	Z	-.002	-.002	0	%100
137	K2	Z	-.002	-.002	0	%100
138	K3	Z	-.002	-.002	0	%100
139	K4	Z	-.002	-.002	0	%100
140	K5	Z	-.002	-.002	0	%100
141	K6	Z	-.002	-.002	0	%100
142	MF1	Z	-.001	-.001	0	%100
143	MF2	Z	-.001	-.001	0	%100
144	MF3	Z	0	0	0	%100
145	MP-1	Z	-.001	-.001	0	%100
146	MP-2	Z	-.001	-.001	0	%100
147	MP-3	Z	-.001	-.001	0	%100
148	MP-4	Z	-.001	-.001	0	%100
149	MP-5	Z	-.001	-.001	0	%100
150	MP-6	Z	-.001	-.001	0	%100
151	MP-7	Z	-.001	-.001	0	%100
152	MP-8	Z	-.001	-.001	0	%100
153	MP-9	Z	-.001	-.001	0	%100
154	MP-10	Z	-.001	-.001	0	%100
155	MP-11	Z	-.001	-.001	0	%100
156	MP-12	Z	-.001	-.001	0	%100
157	MP-13	Z	-.001	-.001	0	%100
158	MP-14	Z	-.001	-.001	0	%100
159	MP-15	Z	-.001	-.001	0	%100
160	PL-1	Z	-.003	-.003	0	%100
161	PL-2	Z	-.003	-.003	0	%100
162	PL-3	Z	-.003	-.003	0	%100
163	PL-4	Z	-.003	-.003	0	%100
164	PL-5	Z	-.003	-.003	0	%100
165	PL-6	Z	-.003	-.003	0	%100
166	SA-1	Z	-.000712	-.000712	0	%100
167	SA-2	Z	-.001	-.001	0	%100
168	SA-3	Z	-.00075	-.00075	0	%100

Member Distributed Loads (BLC 21 : 45 Wind - Ice)

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

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.002	-.002	0	%100
2	ANG-2	X	-.002	-.002	0	%100
3	ANG-3	X	-.002	-.002	0	%100
4	ANG-4	X	-.000572	-.000572	0	%100
5	ANG-5	X	-.002	-.002	0	%100
6	ANG-6	X	-.002	-.002	0	%100
7	ANG-7	X	-.002	-.002	0	%100
8	ANG-8	X	-.000572	-.000572	0	%100
9	ANG-9	X	-.000605	-.000605	0	%100
10	ANG-10	X	-.002	-.002	0	%100
11	ANG-11	X	-.00057	-.00057	0	%100
12	ANG-12	X	-.002	-.002	0	%100
13	ANG-13	X	-.000605	-.000605	0	%100
14	ANG-14	X	-.002	-.002	0	%100
15	ANG-15	X	-.00057	-.00057	0	%100
16	ANG-16	X	-.002	-.002	0	%100
17	ANG-17	X	-.002	-.002	0	%100
18	ANG-18	X	-.000572	-.000572	0	%100
19	ANG-19	X	-.002	-.002	0	%100
20	ANG-20	X	-.002	-.002	0	%100
21	ANG-21	X	-.002	-.002	0	%100
22	ANG-22	X	-.000572	-.000572	0	%100
23	ANG-23	X	-.002	-.002	0	%100
24	ANG-24	X	-.002	-.002	0	%100
25	CH-1	X	-.002	-.002	0	%100
26	CH-2	X	-.002	-.002	0	%100
27	CH-3	X	-.003	-.003	0	%100
28	CH-4	X	-.003	-.003	0	%100
29	CH-5	X	-.003	-.003	0	%100
30	CH-6	X	-.003	-.003	0	%100
31	CH-7	X	-.000826	-.000826	0	%100
32	CH-8	X	-.000826	-.000826	0	%100
33	CH-9	X	-.00084	-.00084	0	%100
34	CH-10	X	-.000932	-.000932	0	%100
35	CH-11	X	-.000932	-.000932	0	%100
36	CH-12	X	-.003	-.003	0	%100
37	CH-13	X	-.003	-.003	0	%100
38	CH-14	X	-.002	-.002	0	%100
39	CH-15	X	-.002	-.002	0	%100
40	CP-1	X	-.004	-.004	0	%100
41	CP-2	X	-.004	-.004	0	%100
42	CP-3	X	-.006	-.006	0	%100
43	CP-4	X	-.006	-.006	0	%100
44	CP-5	X	-.002	-.002	0	%100
45	CP-6	X	-.002	-.002	0	%100
46	FFTH	X	-.002	-.002	0	%100
47	SF1-TH	X	-.002	-.002	0	%100
48	SF2-TH	X	-.000514	-.000514	0	%100
49	GSI-1	X	-.003	-.003	0	%100
50	GSI-2	X	-.000768	-.000768	0	%100
51	GSI-3	X	-.002	-.002	0	%100
52	K1	X	-.003	-.003	0	%100

Member Distributed Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
53	K2	X	-.003	-.003	0	%100
54	K3	X	-.003	-.003	0	%100
55	K4	X	-.003	-.003	0	%100
56	K5	X	-.003	-.003	0	%100
57	K6	X	-.003	-.003	0	%100
58	MF1	X	-.002	-.002	0	%100
59	MF2	X	-.002	-.002	0	%100
60	MF3	X	-.000565	-.000565	0	%100
61	MP-1	X	-.002	-.002	0	%100
62	MP-2	X	-.002	-.002	0	%100
63	MP-3	X	-.002	-.002	0	%100
64	MP-4	X	-.002	-.002	0	%100
65	MP-5	X	-.002	-.002	0	%100
66	MP-6	X	-.002	-.002	0	%100
67	MP-7	X	-.002	-.002	0	%100
68	MP-8	X	-.002	-.002	0	%100
69	MP-9	X	-.002	-.002	0	%100
70	MP-10	X	-.002	-.002	0	%100
71	MP-11	X	-.002	-.002	0	%100
72	MP-12	X	-.002	-.002	0	%100
73	MP-13	X	-.001	-.001	0	%100
74	MP-14	X	-.001	-.001	0	%100
75	MP-15	X	-.001	-.001	0	%100
76	PL-1	X	-.004	-.004	0	%100
77	PL-2	X	-.004	-.004	0	%100
78	PL-3	X	-.004	-.004	0	%100
79	PL-4	X	-.004	-.004	0	%100
80	PL-5	X	-.004	-.004	0	%100
81	PL-6	X	-.004	-.004	0	%100
82	SA-1	X	-.00054	-.00054	0	%100
83	SA-2	X	-.002	-.002	0	%100
84	SA-3	X	-.001	-.001	0	%100
85	ANG-1	Z	-.002	-.002	0	%100
86	ANG-2	Z	-.002	-.002	0	%100
87	ANG-3	Z	-.002	-.002	0	%100
88	ANG-4	Z	-.0006	-.0006	0	%100
89	ANG-5	Z	-.002	-.002	0	%100
90	ANG-6	Z	-.002	-.002	0	%100
91	ANG-7	Z	-.002	-.002	0	%100
92	ANG-8	Z	-.0006	-.0006	0	%100
93	ANG-9	Z	-.000609	-.000609	0	%100
94	ANG-10	Z	-.002	-.002	0	%100
95	ANG-11	Z	-.000617	-.000617	0	%100
96	ANG-12	Z	-.002	-.002	0	%100
97	ANG-13	Z	-.000609	-.000609	0	%100
98	ANG-14	Z	-.002	-.002	0	%100
99	ANG-15	Z	-.000617	-.000617	0	%100
100	ANG-16	Z	-.002	-.002	0	%100
101	ANG-17	Z	-.002	-.002	0	%100
102	ANG-18	Z	-.0006	-.0006	0	%100
103	ANG-19	Z	-.002	-.002	0	%100
104	ANG-20	Z	-.002	-.002	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
105	ANG-21	Z	-.002	-.002	0	%100
106	ANG-22	Z	-.0006	-.0006	0	%100
107	ANG-23	Z	-.002	-.002	0	%100
108	ANG-24	Z	-.002	-.002	0	%100
109	CH-1	Z	-.002	-.002	0	%100
110	CH-2	Z	-.002	-.002	0	%100
111	CH-3	Z	-.002	-.002	0	%100
112	CH-4	Z	-.003	-.003	0	%100
113	CH-5	Z	-.003	-.003	0	%100
114	CH-6	Z	-.003	-.003	0	%100
115	CH-7	Z	-.000867	-.000867	0	%100
116	CH-8	Z	-.000867	-.000867	0	%100
117	CH-9	Z	-.000916	-.000916	0	%100
118	CH-10	Z	-.000848	-.000848	0	%100
119	CH-11	Z	-.000848	-.000848	0	%100
120	CH-12	Z	-.003	-.003	0	%100
121	CH-13	Z	-.003	-.003	0	%100
122	CH-14	Z	-.003	-.003	0	%100
123	CH-15	Z	-.003	-.003	0	%100
124	CP-1	Z	-.004	-.004	0	%100
125	CP-2	Z	-.004	-.004	0	%100
126	CP-3	Z	-.006	-.006	0	%100
127	CP-4	Z	-.006	-.006	0	%100
128	CP-5	Z	-.002	-.002	0	%100
129	CP-6	Z	-.002	-.002	0	%100
130	FFTH	Z	-.001	-.001	0	%100
131	SF1-TH	Z	-.002	-.002	0	%100
132	SF2-TH	Z	-.000562	-.000562	0	%100
133	GSI-1	Z	-.003	-.003	0	%100
134	GSI-2	Z	-.00086	-.00086	0	%100
135	GSI-3	Z	-.002	-.002	0	%100
136	K1	Z	-.003	-.003	0	%100
137	K2	Z	-.003	-.003	0	%100
138	K3	Z	-.003	-.003	0	%100
139	K4	Z	-.003	-.003	0	%100
140	K5	Z	-.003	-.003	0	%100
141	K6	Z	-.003	-.003	0	%100
142	MF1	Z	-.002	-.002	0	%100
143	MF2	Z	-.002	-.002	0	%100
144	MF3	Z	-.000626	-.000626	0	%100
145	MP-1	Z	-.002	-.002	0	%100
146	MP-2	Z	-.002	-.002	0	%100
147	MP-3	Z	-.002	-.002	0	%100
148	MP-4	Z	-.002	-.002	0	%100
149	MP-5	Z	-.002	-.002	0	%100
150	MP-6	Z	-.002	-.002	0	%100
151	MP-7	Z	-.002	-.002	0	%100
152	MP-8	Z	-.002	-.002	0	%100
153	MP-9	Z	-.002	-.002	0	%100
154	MP-10	Z	-.002	-.002	0	%100
155	MP-11	Z	-.002	-.002	0	%100
156	MP-12	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
157	MP-13	Z	-.002	-.002	0	%100
158	MP-14	Z	-.002	-.002	0	%100
159	MP-15	Z	-.002	-.002	0	%100
160	PL-1	Z	-.005	-.005	0	%100
161	PL-2	Z	-.005	-.005	0	%100
162	PL-3	Z	-.005	-.005	0	%100
163	PL-4	Z	-.005	-.005	0	%100
164	PL-5	Z	-.005	-.005	0	%100
165	PL-6	Z	-.005	-.005	0	%100
166	SA-1	Z	-.000521	-.000521	0	%100
167	SA-2	Z	-.002	-.002	0	%100
168	SA-3	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 22 : 60 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.002	-.002	0	%100
2	ANG-2	X	-.000834	-.000834	0	%100
3	ANG-3	X	-.002	-.002	0	%100
4	ANG-4	X	-.000781	-.000781	0	%100
5	ANG-5	X	-.002	-.002	0	%100
6	ANG-6	X	-.000834	-.000834	0	%100
7	ANG-7	X	-.002	-.002	0	%100
8	ANG-8	X	-.000781	-.000781	0	%100
9	ANG-9	X	-.000826	-.000826	0	%100
10	ANG-10	X	-.002	-.002	0	%100
11	ANG-11	X	-.000779	-.000779	0	%100
12	ANG-12	X	-.000834	-.000834	0	%100
13	ANG-13	X	-.000826	-.000826	0	%100
14	ANG-14	X	-.002	-.002	0	%100
15	ANG-15	X	-.000779	-.000779	0	%100
16	ANG-16	X	-.000834	-.000834	0	%100
17	ANG-17	X	-.000843	-.000843	0	%100
18	ANG-18	X	-.000781	-.000781	0	%100
19	ANG-19	X	-.000867	-.000867	0	%100
20	ANG-20	X	-.002	-.002	0	%100
21	ANG-21	X	-.000843	-.000843	0	%100
22	ANG-22	X	-.000781	-.000781	0	%100
23	ANG-23	X	-.000867	-.000867	0	%100
24	ANG-24	X	-.002	-.002	0	%100
25	CH-1	X	-.001	-.001	0	%100
26	CH-2	X	-.001	-.001	0	%100
27	CH-3	X	-.001	-.001	0	%100
28	CH-4	X	-.002	-.002	0	%100
29	CH-5	X	-.002	-.002	0	%100
30	CH-6	X	-.002	-.002	0	%100
31	CH-7	X	-.001	-.001	0	%100
32	CH-8	X	-.001	-.001	0	%100
33	CH-9	X	-.001	-.001	0	%100
34	CH-10	X	0	0	0	%100
35	CH-11	X	0	0	0	%100
36	CH-12	X	-.002	-.002	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
37	CH-13	X	-.002	-.002	0	%100
38	CH-14	X	-.002	-.002	0	%100
39	CH-15	X	-.002	-.002	0	%100
40	CP-1	X	-.002	-.002	0	%100
41	CP-2	X	-.002	-.002	0	%100
42	CP-3	X	-.004	-.004	0	%100
43	CP-4	X	-.004	-.004	0	%100
44	CP-5	X	-.002	-.002	0	%100
45	CP-6	X	-.002	-.002	0	%100
46	FFTH	X	-.000768	-.000768	0	%100
47	SF1-TH	X	-.001	-.001	0	%100
48	SF2-TH	X	-.000702	-.000702	0	%100
49	GSI-1	X	-.002	-.002	0	%100
50	GSI-2	X	-.001	-.001	0	%100
51	GSI-3	X	-.001	-.001	0	%100
52	K1	X	-.002	-.002	0	%100
53	K2	X	-.002	-.002	0	%100
54	K3	X	-.002	-.002	0	%100
55	K4	X	-.002	-.002	0	%100
56	K5	X	-.002	-.002	0	%100
57	K6	X	-.002	-.002	0	%100
58	MF1	X	-.000855	-.000855	0	%100
59	MF2	X	-.002	-.002	0	%100
60	MF3	X	-.000772	-.000772	0	%100
61	MP-1	X	-.001	-.001	0	%100
62	MP-2	X	-.001	-.001	0	%100
63	MP-3	X	-.001	-.001	0	%100
64	MP-4	X	-.001	-.001	0	%100
65	MP-5	X	-.001	-.001	0	%100
66	MP-6	X	-.001	-.001	0	%100
67	MP-7	X	-.001	-.001	0	%100
68	MP-8	X	-.001	-.001	0	%100
69	MP-9	X	-.001	-.001	0	%100
70	MP-10	X	-.001	-.001	0	%100
71	MP-11	X	-.001	-.001	0	%100
72	MP-12	X	-.001	-.001	0	%100
73	MP-13	X	-.001	-.001	0	%100
74	MP-14	X	-.001	-.001	0	%100
75	MP-15	X	-.001	-.001	0	%100
76	PL-1	X	-.003	-.003	0	%100
77	PL-2	X	-.003	-.003	0	%100
78	PL-3	X	-.003	-.003	0	%100
79	PL-4	X	-.003	-.003	0	%100
80	PL-5	X	-.003	-.003	0	%100
81	PL-6	X	-.003	-.003	0	%100
82	SA-1	X	0	0	0	%100
83	SA-2	X	-.001	-.001	0	%100
84	SA-3	X	-.001	-.001	0	%100
85	ANG-1	Z	-.003	-.003	0	%100
86	ANG-2	Z	-.001	-.001	0	%100
87	ANG-3	Z	-.003	-.003	0	%100
88	ANG-4	Z	-.001	-.001	0	%100

Member Distributed Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
89	ANG-5	Z	-.003	-.003	0	%100
90	ANG-6	Z	-.001	-.001	0	%100
91	ANG-7	Z	-.003	-.003	0	%100
92	ANG-8	Z	-.001	-.001	0	%100
93	ANG-9	Z	-.001	-.001	0	%100
94	ANG-10	Z	-.003	-.003	0	%100
95	ANG-11	Z	-.001	-.001	0	%100
96	ANG-12	Z	-.001	-.001	0	%100
97	ANG-13	Z	-.001	-.001	0	%100
98	ANG-14	Z	-.003	-.003	0	%100
99	ANG-15	Z	-.001	-.001	0	%100
100	ANG-16	Z	-.001	-.001	0	%100
101	ANG-17	Z	-.001	-.001	0	%100
102	ANG-18	Z	-.001	-.001	0	%100
103	ANG-19	Z	-.001	-.001	0	%100
104	ANG-20	Z	-.003	-.003	0	%100
105	ANG-21	Z	-.001	-.001	0	%100
106	ANG-22	Z	-.001	-.001	0	%100
107	ANG-23	Z	-.001	-.001	0	%100
108	ANG-24	Z	-.003	-.003	0	%100
109	CH-1	Z	-.002	-.002	0	%100
110	CH-2	Z	-.002	-.002	0	%100
111	CH-3	Z	-.002	-.002	0	%100
112	CH-4	Z	-.004	-.004	0	%100
113	CH-5	Z	-.004	-.004	0	%100
114	CH-6	Z	-.004	-.004	0	%100
115	CH-7	Z	-.002	-.002	0	%100
116	CH-8	Z	-.002	-.002	0	%100
117	CH-9	Z	-.002	-.002	0	%100
118	CH-10	Z	0	0	0	%100
119	CH-11	Z	0	0	0	%100
120	CH-12	Z	-.003	-.003	0	%100
121	CH-13	Z	-.003	-.003	0	%100
122	CH-14	Z	-.004	-.004	0	%100
123	CH-15	Z	-.004	-.004	0	%100
124	CP-1	Z	-.003	-.003	0	%100
125	CP-2	Z	-.003	-.003	0	%100
126	CP-3	Z	-.008	-.008	0	%100
127	CP-4	Z	-.008	-.008	0	%100
128	CP-5	Z	-.004	-.004	0	%100
129	CP-6	Z	-.004	-.004	0	%100
130	FFTH	Z	-.001	-.001	0	%100
131	SF1-TH	Z	-.003	-.003	0	%100
132	SF2-TH	Z	-.001	-.001	0	%100
133	GSI-1	Z	-.004	-.004	0	%100
134	GSI-2	Z	-.002	-.002	0	%100
135	GSI-3	Z	-.002	-.002	0	%100
136	K1	Z	-.004	-.004	0	%100
137	K2	Z	-.004	-.004	0	%100
138	K3	Z	-.004	-.004	0	%100
139	K4	Z	-.004	-.004	0	%100
140	K5	Z	-.004	-.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
141	K6	Z	-.004	-.004	0	%100
142	MF1	Z	-.001	-.001	0	%100
143	MF2	Z	-.003	-.003	0	%100
144	MF3	Z	-.001	-.001	0	%100
145	MP-1	Z	-.002	-.002	0	%100
146	MP-2	Z	-.002	-.002	0	%100
147	MP-3	Z	-.002	-.002	0	%100
148	MP-4	Z	-.002	-.002	0	%100
149	MP-5	Z	-.002	-.002	0	%100
150	MP-6	Z	-.002	-.002	0	%100
151	MP-7	Z	-.002	-.002	0	%100
152	MP-8	Z	-.002	-.002	0	%100
153	MP-9	Z	-.002	-.002	0	%100
154	MP-10	Z	-.002	-.002	0	%100
155	MP-11	Z	-.002	-.002	0	%100
156	MP-12	Z	-.002	-.002	0	%100
157	MP-13	Z	-.002	-.002	0	%100
158	MP-14	Z	-.002	-.002	0	%100
159	MP-15	Z	-.002	-.002	0	%100
160	PL-1	Z	-.006	-.006	0	%100
161	PL-2	Z	-.006	-.006	0	%100
162	PL-3	Z	-.006	-.006	0	%100
163	PL-4	Z	-.006	-.006	0	%100
164	PL-5	Z	-.006	-.006	0	%100
165	PL-6	Z	-.006	-.006	0	%100
166	SA-1	Z	0	0	0	%100
167	SA-2	Z	-.002	-.002	0	%100
168	SA-3	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 23 : 90 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	Z	-.003	-.003	0	%100
2	ANG-2	Z	0	0	0	%100
3	ANG-3	Z	-.003	-.003	0	%100
4	ANG-4	Z	-.003	-.003	0	%100
5	ANG-5	Z	-.003	-.003	0	%100
6	ANG-6	Z	0	0	0	%100
7	ANG-7	Z	-.003	-.003	0	%100
8	ANG-8	Z	-.003	-.003	0	%100
9	ANG-9	Z	-.003	-.003	0	%100
10	ANG-10	Z	-.003	-.003	0	%100
11	ANG-11	Z	-.003	-.003	0	%100
12	ANG-12	Z	0	0	0	%100
13	ANG-13	Z	-.003	-.003	0	%100
14	ANG-14	Z	-.003	-.003	0	%100
15	ANG-15	Z	-.003	-.003	0	%100
16	ANG-16	Z	0	0	0	%100
17	ANG-17	Z	0	0	0	%100
18	ANG-18	Z	-.003	-.003	0	%100
19	ANG-19	Z	0	0	0	%100
20	ANG-20	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 23 : 90 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
21	ANG-21	Z	0	0	0	%100
22	ANG-22	Z	-.003	-.003	0	%100
23	ANG-23	Z	0	0	0	%100
24	ANG-24	Z	-.003	-.003	0	%100
25	CH-1	Z	0	0	0	%100
26	CH-2	Z	0	0	0	%100
27	CH-3	Z	0	0	0	%100
28	CH-4	Z	-.004	-.004	0	%100
29	CH-5	Z	-.004	-.004	0	%100
30	CH-6	Z	-.004	-.004	0	%100
31	CH-7	Z	-.004	-.004	0	%100
32	CH-8	Z	-.004	-.004	0	%100
33	CH-9	Z	-.004	-.004	0	%100
34	CH-10	Z	-.002	-.002	0	%100
35	CH-11	Z	-.002	-.002	0	%100
36	CH-12	Z	-.002	-.002	0	%100
37	CH-13	Z	-.002	-.002	0	%100
38	CH-14	Z	-.005	-.005	0	%100
39	CH-15	Z	-.005	-.005	0	%100
40	CP-1	Z	0	0	0	%100
41	CP-2	Z	0	0	0	%100
42	CP-3	Z	-.008	-.008	0	%100
43	CP-4	Z	-.008	-.008	0	%100
44	CP-5	Z	-.008	-.008	0	%100
45	CP-6	Z	-.008	-.008	0	%100
46	FFTH	Z	0	0	0	%100
47	SF1-TH	Z	-.003	-.003	0	%100
48	SF2-TH	Z	-.003	-.003	0	%100
49	GSI-1	Z	-.004	-.004	0	%100
50	GSI-2	Z	-.004	-.004	0	%100
51	GSI-3	Z	0	0	0	%100
52	K1	Z	-.005	-.005	0	%100
53	K2	Z	-.005	-.005	0	%100
54	K3	Z	-.005	-.005	0	%100
55	K4	Z	-.005	-.005	0	%100
56	K5	Z	-.005	-.005	0	%100
57	K6	Z	-.005	-.005	0	%100
58	MF1	Z	0	0	0	%100
59	MF2	Z	-.003	-.003	0	%100
60	MF3	Z	-.003	-.003	0	%100
61	MP-1	Z	-.003	-.003	0	%100
62	MP-2	Z	-.003	-.003	0	%100
63	MP-3	Z	-.003	-.003	0	%100
64	MP-4	Z	-.003	-.003	0	%100
65	MP-5	Z	-.003	-.003	0	%100
66	MP-6	Z	-.003	-.003	0	%100
67	MP-7	Z	-.003	-.003	0	%100
68	MP-8	Z	-.003	-.003	0	%100
69	MP-9	Z	-.003	-.003	0	%100
70	MP-10	Z	-.003	-.003	0	%100
71	MP-11	Z	-.003	-.003	0	%100
72	MP-12	Z	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 23 : 90 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
73	MP-13	Z	-.002	-.002	0	%100
74	MP-14	Z	-.002	-.002	0	%100
75	MP-15	Z	-.002	-.002	0	%100
76	PL-1	Z	-.007	-.007	0	%100
77	PL-2	Z	-.007	-.007	0	%100
78	PL-3	Z	-.007	-.007	0	%100
79	PL-4	Z	-.007	-.007	0	%100
80	PL-5	Z	-.007	-.007	0	%100
81	PL-6	Z	-.007	-.007	0	%100
82	SA-1	Z	-.001	-.001	0	%100
83	SA-2	Z	-.001	-.001	0	%100
84	SA-3	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 24 : 120 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.000826	.000826	0	%100
2	ANG-2	X	.000834	.000834	0	%100
3	ANG-3	X	.000779	.000779	0	%100
4	ANG-4	X	.002	.002	0	%100
5	ANG-5	X	.000826	.000826	0	%100
6	ANG-6	X	.000834	.000834	0	%100
7	ANG-7	X	.000779	.000779	0	%100
8	ANG-8	X	.002	.002	0	%100
9	ANG-9	X	.002	.002	0	%100
10	ANG-10	X	.000781	.000781	0	%100
11	ANG-11	X	.002	.002	0	%100
12	ANG-12	X	.000834	.000834	0	%100
13	ANG-13	X	.002	.002	0	%100
14	ANG-14	X	.000781	.000781	0	%100
15	ANG-15	X	.002	.002	0	%100
16	ANG-16	X	.000834	.000834	0	%100
17	ANG-17	X	.000843	.000843	0	%100
18	ANG-18	X	.002	.002	0	%100
19	ANG-19	X	.000867	.000867	0	%100
20	ANG-20	X	.000781	.000781	0	%100
21	ANG-21	X	.000843	.000843	0	%100
22	ANG-22	X	.002	.002	0	%100
23	ANG-23	X	.000867	.000867	0	%100
24	ANG-24	X	.000781	.000781	0	%100
25	CH-1	X	.001	.001	0	%100
26	CH-2	X	.001	.001	0	%100
27	CH-3	X	.001	.001	0	%100
28	CH-4	X	.001	.001	0	%100
29	CH-5	X	.001	.001	0	%100
30	CH-6	X	.001	.001	0	%100
31	CH-7	X	.002	.002	0	%100
32	CH-8	X	.002	.002	0	%100
33	CH-9	X	.002	.002	0	%100
34	CH-10	X	.002	.002	0	%100
35	CH-11	X	.002	.002	0	%100
36	CH-12	X	0	0	0	%100

Member Distributed Loads (BLC 24 : 120 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
37	CH-13	X	0	0	0	%100
38	CH-14	X	.002	.002	0	%100
39	CH-15	X	.002	.002	0	%100
40	CP-1	X	.002	.002	0	%100
41	CP-2	X	.002	.002	0	%100
42	CP-3	X	.002	.002	0	%100
43	CP-4	X	.002	.002	0	%100
44	CP-5	X	.004	.004	0	%100
45	CP-6	X	.004	.004	0	%100
46	FFTH	X	.000768	.000768	0	%100
47	SF1-TH	X	.000702	.000702	0	%100
48	SF2-TH	X	.001	.001	0	%100
49	GSI-1	X	.001	.001	0	%100
50	GSI-2	X	.002	.002	0	%100
51	GSI-3	X	.001	.001	0	%100
52	K1	X	.002	.002	0	%100
53	K2	X	.002	.002	0	%100
54	K3	X	.002	.002	0	%100
55	K4	X	.002	.002	0	%100
56	K5	X	.002	.002	0	%100
57	K6	X	.002	.002	0	%100
58	MF1	X	.000855	.000855	0	%100
59	MF2	X	.000772	.000772	0	%100
60	MF3	X	.002	.002	0	%100
61	MP-1	X	.001	.001	0	%100
62	MP-2	X	.001	.001	0	%100
63	MP-3	X	.001	.001	0	%100
64	MP-4	X	.001	.001	0	%100
65	MP-5	X	.001	.001	0	%100
66	MP-6	X	.001	.001	0	%100
67	MP-7	X	.001	.001	0	%100
68	MP-8	X	.001	.001	0	%100
69	MP-9	X	.001	.001	0	%100
70	MP-10	X	.001	.001	0	%100
71	MP-11	X	.001	.001	0	%100
72	MP-12	X	.001	.001	0	%100
73	MP-13	X	.001	.001	0	%100
74	MP-14	X	.001	.001	0	%100
75	MP-15	X	.001	.001	0	%100
76	PL-1	X	.003	.003	0	%100
77	PL-2	X	.003	.003	0	%100
78	PL-3	X	.003	.003	0	%100
79	PL-4	X	.003	.003	0	%100
80	PL-5	X	.003	.003	0	%100
81	PL-6	X	.003	.003	0	%100
82	SA-1	X	.001	.001	0	%100
83	SA-2	X	0	0	0	%100
84	SA-3	X	.001	.001	0	%100
85	ANG-1	Z	-.001	-.001	0	%100
86	ANG-2	Z	-.001	-.001	0	%100
87	ANG-3	Z	-.001	-.001	0	%100
88	ANG-4	Z	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 24 : 120 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
89	ANG-5	Z	-.001	-.001	0	%100
90	ANG-6	Z	-.001	-.001	0	%100
91	ANG-7	Z	-.001	-.001	0	%100
92	ANG-8	Z	-.003	-.003	0	%100
93	ANG-9	Z	-.003	-.003	0	%100
94	ANG-10	Z	-.001	-.001	0	%100
95	ANG-11	Z	-.003	-.003	0	%100
96	ANG-12	Z	-.001	-.001	0	%100
97	ANG-13	Z	-.003	-.003	0	%100
98	ANG-14	Z	-.001	-.001	0	%100
99	ANG-15	Z	-.003	-.003	0	%100
100	ANG-16	Z	-.001	-.001	0	%100
101	ANG-17	Z	-.001	-.001	0	%100
102	ANG-18	Z	-.003	-.003	0	%100
103	ANG-19	Z	-.001	-.001	0	%100
104	ANG-20	Z	-.001	-.001	0	%100
105	ANG-21	Z	-.001	-.001	0	%100
106	ANG-22	Z	-.003	-.003	0	%100
107	ANG-23	Z	-.001	-.001	0	%100
108	ANG-24	Z	-.001	-.001	0	%100
109	CH-1	Z	-.002	-.002	0	%100
110	CH-2	Z	-.002	-.002	0	%100
111	CH-3	Z	-.002	-.002	0	%100
112	CH-4	Z	-.002	-.002	0	%100
113	CH-5	Z	-.002	-.002	0	%100
114	CH-6	Z	-.002	-.002	0	%100
115	CH-7	Z	-.004	-.004	0	%100
116	CH-8	Z	-.004	-.004	0	%100
117	CH-9	Z	-.004	-.004	0	%100
118	CH-10	Z	-.003	-.003	0	%100
119	CH-11	Z	-.003	-.003	0	%100
120	CH-12	Z	0	0	0	%100
121	CH-13	Z	0	0	0	%100
122	CH-14	Z	-.004	-.004	0	%100
123	CH-15	Z	-.004	-.004	0	%100
124	CP-1	Z	-.003	-.003	0	%100
125	CP-2	Z	-.003	-.003	0	%100
126	CP-3	Z	-.004	-.004	0	%100
127	CP-4	Z	-.004	-.004	0	%100
128	CP-5	Z	-.008	-.008	0	%100
129	CP-6	Z	-.008	-.008	0	%100
130	FFTH	Z	-.001	-.001	0	%100
131	SF1-TH	Z	-.001	-.001	0	%100
132	SF2-TH	Z	-.003	-.003	0	%100
133	GSI-1	Z	-.002	-.002	0	%100
134	GSI-2	Z	-.004	-.004	0	%100
135	GSI-3	Z	-.002	-.002	0	%100
136	K1	Z	-.004	-.004	0	%100
137	K2	Z	-.004	-.004	0	%100
138	K3	Z	-.004	-.004	0	%100
139	K4	Z	-.004	-.004	0	%100
140	K5	Z	-.004	-.004	0	%100

Member Distributed Loads (BLC 24 : 120 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
141	K6	Z	-.004	-.004	0	%100
142	MF1	Z	-.001	-.001	0	%100
143	MF2	Z	-.001	-.001	0	%100
144	MF3	Z	-.003	-.003	0	%100
145	MP-1	Z	-.002	-.002	0	%100
146	MP-2	Z	-.002	-.002	0	%100
147	MP-3	Z	-.002	-.002	0	%100
148	MP-4	Z	-.002	-.002	0	%100
149	MP-5	Z	-.002	-.002	0	%100
150	MP-6	Z	-.002	-.002	0	%100
151	MP-7	Z	-.002	-.002	0	%100
152	MP-8	Z	-.002	-.002	0	%100
153	MP-9	Z	-.002	-.002	0	%100
154	MP-10	Z	-.002	-.002	0	%100
155	MP-11	Z	-.002	-.002	0	%100
156	MP-12	Z	-.002	-.002	0	%100
157	MP-13	Z	-.002	-.002	0	%100
158	MP-14	Z	-.002	-.002	0	%100
159	MP-15	Z	-.002	-.002	0	%100
160	PL-1	Z	-.006	-.006	0	%100
161	PL-2	Z	-.006	-.006	0	%100
162	PL-3	Z	-.006	-.006	0	%100
163	PL-4	Z	-.006	-.006	0	%100
164	PL-5	Z	-.006	-.006	0	%100
165	PL-6	Z	-.006	-.006	0	%100
166	SA-1	Z	-.002	-.002	0	%100
167	SA-2	Z	0	0	0	%100
168	SA-3	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 25 : 135 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.000605	.000605	0	%100
2	ANG-2	X	.002	.002	0	%100
3	ANG-3	X	.00057	.00057	0	%100
4	ANG-4	X	.002	.002	0	%100
5	ANG-5	X	.000605	.000605	0	%100
6	ANG-6	X	.002	.002	0	%100
7	ANG-7	X	.00057	.00057	0	%100
8	ANG-8	X	.002	.002	0	%100
9	ANG-9	X	.002	.002	0	%100
10	ANG-10	X	.000572	.000572	0	%100
11	ANG-11	X	.002	.002	0	%100
12	ANG-12	X	.002	.002	0	%100
13	ANG-13	X	.002	.002	0	%100
14	ANG-14	X	.000572	.000572	0	%100
15	ANG-15	X	.002	.002	0	%100
16	ANG-16	X	.002	.002	0	%100
17	ANG-17	X	.002	.002	0	%100
18	ANG-18	X	.002	.002	0	%100
19	ANG-19	X	.002	.002	0	%100
20	ANG-20	X	.000572	.000572	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 25 : 135 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
21	ANG-21	X	.002	.002	0	%100
22	ANG-22	X	.002	.002	0	%100
23	ANG-23	X	.002	.002	0	%100
24	ANG-24	X	.000572	.000572	0	%100
25	CH-1	X	.002	.002	0	%100
26	CH-2	X	.002	.002	0	%100
27	CH-3	X	.003	.003	0	%100
28	CH-4	X	.000826	.000826	0	%100
29	CH-5	X	.000826	.000826	0	%100
30	CH-6	X	.00084	.00084	0	%100
31	CH-7	X	.003	.003	0	%100
32	CH-8	X	.003	.003	0	%100
33	CH-9	X	.003	.003	0	%100
34	CH-10	X	.003	.003	0	%100
35	CH-11	X	.003	.003	0	%100
36	CH-12	X	.000932	.000932	0	%100
37	CH-13	X	.000932	.000932	0	%100
38	CH-14	X	.002	.002	0	%100
39	CH-15	X	.002	.002	0	%100
40	CP-1	X	.004	.004	0	%100
41	CP-2	X	.004	.004	0	%100
42	CP-3	X	.002	.002	0	%100
43	CP-4	X	.002	.002	0	%100
44	CP-5	X	.006	.006	0	%100
45	CP-6	X	.006	.006	0	%100
46	FFTH	X	.002	.002	0	%100
47	SF1-TH	X	.000514	.000514	0	%100
48	SF2-TH	X	.002	.002	0	%100
49	GSI-1	X	.000768	.000768	0	%100
50	GSI-2	X	.003	.003	0	%100
51	GSI-3	X	.002	.002	0	%100
52	K1	X	.003	.003	0	%100
53	K2	X	.003	.003	0	%100
54	K3	X	.003	.003	0	%100
55	K4	X	.003	.003	0	%100
56	K5	X	.003	.003	0	%100
57	K6	X	.003	.003	0	%100
58	MF1	X	.002	.002	0	%100
59	MF2	X	.000565	.000565	0	%100
60	MF3	X	.002	.002	0	%100
61	MP-1	X	.002	.002	0	%100
62	MP-2	X	.002	.002	0	%100
63	MP-3	X	.002	.002	0	%100
64	MP-4	X	.002	.002	0	%100
65	MP-5	X	.002	.002	0	%100
66	MP-6	X	.002	.002	0	%100
67	MP-7	X	.002	.002	0	%100
68	MP-8	X	.002	.002	0	%100
69	MP-9	X	.002	.002	0	%100
70	MP-10	X	.002	.002	0	%100
71	MP-11	X	.002	.002	0	%100
72	MP-12	X	.002	.002	0	%100

Member Distributed Loads (BLC 25 : 135 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
73	MP-13	X	.001	.001	0	%100
74	MP-14	X	.001	.001	0	%100
75	MP-15	X	.001	.001	0	%100
76	PL-1	X	.004	.004	0	%100
77	PL-2	X	.004	.004	0	%100
78	PL-3	X	.004	.004	0	%100
79	PL-4	X	.004	.004	0	%100
80	PL-5	X	.004	.004	0	%100
81	PL-6	X	.004	.004	0	%100
82	SA-1	X	.002	.002	0	%100
83	SA-2	X	.00054	.00054	0	%100
84	SA-3	X	.001	.001	0	%100
85	ANG-1	Z	-.000609	-.000609	0	%100
86	ANG-2	Z	-.002	-.002	0	%100
87	ANG-3	Z	-.000617	-.000617	0	%100
88	ANG-4	Z	-.002	-.002	0	%100
89	ANG-5	Z	-.000609	-.000609	0	%100
90	ANG-6	Z	-.002	-.002	0	%100
91	ANG-7	Z	-.000617	-.000617	0	%100
92	ANG-8	Z	-.002	-.002	0	%100
93	ANG-9	Z	-.002	-.002	0	%100
94	ANG-10	Z	-.0006	-.0006	0	%100
95	ANG-11	Z	-.002	-.002	0	%100
96	ANG-12	Z	-.002	-.002	0	%100
97	ANG-13	Z	-.002	-.002	0	%100
98	ANG-14	Z	-.0006	-.0006	0	%100
99	ANG-15	Z	-.002	-.002	0	%100
100	ANG-16	Z	-.002	-.002	0	%100
101	ANG-17	Z	-.002	-.002	0	%100
102	ANG-18	Z	-.002	-.002	0	%100
103	ANG-19	Z	-.002	-.002	0	%100
104	ANG-20	Z	-.0006	-.0006	0	%100
105	ANG-21	Z	-.002	-.002	0	%100
106	ANG-22	Z	-.002	-.002	0	%100
107	ANG-23	Z	-.002	-.002	0	%100
108	ANG-24	Z	-.0006	-.0006	0	%100
109	CH-1	Z	-.002	-.002	0	%100
110	CH-2	Z	-.002	-.002	0	%100
111	CH-3	Z	-.002	-.002	0	%100
112	CH-4	Z	-.000867	-.000867	0	%100
113	CH-5	Z	-.000867	-.000867	0	%100
114	CH-6	Z	-.000916	-.000916	0	%100
115	CH-7	Z	-.003	-.003	0	%100
116	CH-8	Z	-.003	-.003	0	%100
117	CH-9	Z	-.003	-.003	0	%100
118	CH-10	Z	-.003	-.003	0	%100
119	CH-11	Z	-.003	-.003	0	%100
120	CH-12	Z	-.000848	-.000848	0	%100
121	CH-13	Z	-.000848	-.000848	0	%100
122	CH-14	Z	-.003	-.003	0	%100
123	CH-15	Z	-.003	-.003	0	%100
124	CP-1	Z	-.004	-.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 25 : 135 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
125	CP-2	Z	-.004	-.004	0	%100
126	CP-3	Z	-.002	-.002	0	%100
127	CP-4	Z	-.002	-.002	0	%100
128	CP-5	Z	-.006	-.006	0	%100
129	CP-6	Z	-.006	-.006	0	%100
130	FFTH	Z	-.001	-.001	0	%100
131	SF1-TH	Z	-.000562	-.000562	0	%100
132	SF2-TH	Z	-.002	-.002	0	%100
133	GSI-1	Z	-.00086	-.00086	0	%100
134	GSI-2	Z	-.003	-.003	0	%100
135	GSI-3	Z	-.002	-.002	0	%100
136	K1	Z	-.003	-.003	0	%100
137	K2	Z	-.003	-.003	0	%100
138	K3	Z	-.003	-.003	0	%100
139	K4	Z	-.003	-.003	0	%100
140	K5	Z	-.003	-.003	0	%100
141	K6	Z	-.003	-.003	0	%100
142	MF1	Z	-.002	-.002	0	%100
143	MF2	Z	-.000626	-.000626	0	%100
144	MF3	Z	-.002	-.002	0	%100
145	MP-1	Z	-.002	-.002	0	%100
146	MP-2	Z	-.002	-.002	0	%100
147	MP-3	Z	-.002	-.002	0	%100
148	MP-4	Z	-.002	-.002	0	%100
149	MP-5	Z	-.002	-.002	0	%100
150	MP-6	Z	-.002	-.002	0	%100
151	MP-7	Z	-.002	-.002	0	%100
152	MP-8	Z	-.002	-.002	0	%100
153	MP-9	Z	-.002	-.002	0	%100
154	MP-10	Z	-.002	-.002	0	%100
155	MP-11	Z	-.002	-.002	0	%100
156	MP-12	Z	-.002	-.002	0	%100
157	MP-13	Z	-.002	-.002	0	%100
158	MP-14	Z	-.002	-.002	0	%100
159	MP-15	Z	-.002	-.002	0	%100
160	PL-1	Z	-.005	-.005	0	%100
161	PL-2	Z	-.005	-.005	0	%100
162	PL-3	Z	-.005	-.005	0	%100
163	PL-4	Z	-.005	-.005	0	%100
164	PL-5	Z	-.005	-.005	0	%100
165	PL-6	Z	-.005	-.005	0	%100
166	SA-1	Z	-.002	-.002	0	%100
167	SA-2	Z	-.000521	-.000521	0	%100
168	SA-3	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 26 : 150 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	0	0	0	%100
2	ANG-2	X	.003	.003	0	%100
3	ANG-3	X	0	0	0	%100
4	ANG-4	X	.002	.002	0	%100

Member Distributed Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
5	ANG-5	X	0	0	0	%100
6	ANG-6	X	.003	.003	0	%100
7	ANG-7	X	0	0	0	%100
8	ANG-8	X	.002	.002	0	%100
9	ANG-9	X	.002	.002	0	%100
10	ANG-10	X	0	0	0	%100
11	ANG-11	X	.002	.002	0	%100
12	ANG-12	X	.003	.003	0	%100
13	ANG-13	X	.002	.002	0	%100
14	ANG-14	X	0	0	0	%100
15	ANG-15	X	.002	.002	0	%100
16	ANG-16	X	.003	.003	0	%100
17	ANG-17	X	.003	.003	0	%100
18	ANG-18	X	.002	.002	0	%100
19	ANG-19	X	.003	.003	0	%100
20	ANG-20	X	0	0	0	%100
21	ANG-21	X	.003	.003	0	%100
22	ANG-22	X	.002	.002	0	%100
23	ANG-23	X	.003	.003	0	%100
24	ANG-24	X	0	0	0	%100
25	CH-1	X	.004	.004	0	%100
26	CH-2	X	.004	.004	0	%100
27	CH-3	X	.004	.004	0	%100
28	CH-4	X	0	0	0	%100
29	CH-5	X	0	0	0	%100
30	CH-6	X	0	0	0	%100
31	CH-7	X	.003	.003	0	%100
32	CH-8	X	.003	.003	0	%100
33	CH-9	X	.003	.003	0	%100
34	CH-10	X	.004	.004	0	%100
35	CH-11	X	.004	.004	0	%100
36	CH-12	X	.002	.002	0	%100
37	CH-13	X	.002	.002	0	%100
38	CH-14	X	.002	.002	0	%100
39	CH-15	X	.002	.002	0	%100
40	CP-1	X	.007	.007	0	%100
41	CP-2	X	.007	.007	0	%100
42	CP-3	X	0	0	0	%100
43	CP-4	X	0	0	0	%100
44	CP-5	X	.007	.007	0	%100
45	CP-6	X	.007	.007	0	%100
46	FFTH	X	.002	.002	0	%100
47	SF1-TH	X	0	0	0	%100
48	SF2-TH	X	.002	.002	0	%100
49	GSI-1	X	0	0	0	%100
50	GSI-2	X	.003	.003	0	%100
51	GSI-3	X	.004	.004	0	%100
52	K1	X	.004	.004	0	%100
53	K2	X	.004	.004	0	%100
54	K3	X	.004	.004	0	%100
55	K4	X	.004	.004	0	%100
56	K5	X	.004	.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
57	K6	X	.004	.004	0	%100
58	MF1	X	.003	.003	0	%100
59	MF2	X	0	0	0	%100
60	MF3	X	.002	.002	0	%100
61	MP-1	X	.002	.002	0	%100
62	MP-2	X	.002	.002	0	%100
63	MP-3	X	.002	.002	0	%100
64	MP-4	X	.002	.002	0	%100
65	MP-5	X	.002	.002	0	%100
66	MP-6	X	.002	.002	0	%100
67	MP-7	X	.002	.002	0	%100
68	MP-8	X	.002	.002	0	%100
69	MP-9	X	.002	.002	0	%100
70	MP-10	X	.002	.002	0	%100
71	MP-11	X	.002	.002	0	%100
72	MP-12	X	.002	.002	0	%100
73	MP-13	X	.002	.002	0	%100
74	MP-14	X	.002	.002	0	%100
75	MP-15	X	.002	.002	0	%100
76	PL-1	X	.005	.005	0	%100
77	PL-2	X	.005	.005	0	%100
78	PL-3	X	.005	.005	0	%100
79	PL-4	X	.005	.005	0	%100
80	PL-5	X	.005	.005	0	%100
81	PL-6	X	.005	.005	0	%100
82	SA-1	X	.003	.003	0	%100
83	SA-2	X	.001	.001	0	%100
84	SA-3	X	.001	.001	0	%100
85	ANG-1	Z	0	0	0	%100
86	ANG-2	Z	-.001	-.001	0	%100
87	ANG-3	Z	0	0	0	%100
88	ANG-4	Z	-.001	-.001	0	%100
89	ANG-5	Z	0	0	0	%100
90	ANG-6	Z	-.001	-.001	0	%100
91	ANG-7	Z	0	0	0	%100
92	ANG-8	Z	-.001	-.001	0	%100
93	ANG-9	Z	-.001	-.001	0	%100
94	ANG-10	Z	0	0	0	%100
95	ANG-11	Z	-.001	-.001	0	%100
96	ANG-12	Z	-.001	-.001	0	%100
97	ANG-13	Z	-.001	-.001	0	%100
98	ANG-14	Z	0	0	0	%100
99	ANG-15	Z	-.001	-.001	0	%100
100	ANG-16	Z	-.001	-.001	0	%100
101	ANG-17	Z	-.001	-.001	0	%100
102	ANG-18	Z	-.001	-.001	0	%100
103	ANG-19	Z	-.001	-.001	0	%100
104	ANG-20	Z	0	0	0	%100
105	ANG-21	Z	-.001	-.001	0	%100
106	ANG-22	Z	-.001	-.001	0	%100
107	ANG-23	Z	-.001	-.001	0	%100
108	ANG-24	Z	0	0	0	%100

Member Distributed Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
109	CH-1	Z	-.002	-.002	0	%100
110	CH-2	Z	-.002	-.002	0	%100
111	CH-3	Z	-.002	-.002	0	%100
112	CH-4	Z	0	0	0	%100
113	CH-5	Z	0	0	0	%100
114	CH-6	Z	0	0	0	%100
115	CH-7	Z	-.002	-.002	0	%100
116	CH-8	Z	-.002	-.002	0	%100
117	CH-9	Z	-.002	-.002	0	%100
118	CH-10	Z	-.002	-.002	0	%100
119	CH-11	Z	-.002	-.002	0	%100
120	CH-12	Z	-.001	-.001	0	%100
121	CH-13	Z	-.001	-.001	0	%100
122	CH-14	Z	-.001	-.001	0	%100
123	CH-15	Z	-.001	-.001	0	%100
124	CP-1	Z	-.003	-.003	0	%100
125	CP-2	Z	-.003	-.003	0	%100
126	CP-3	Z	0	0	0	%100
127	CP-4	Z	0	0	0	%100
128	CP-5	Z	-.004	-.004	0	%100
129	CP-6	Z	-.004	-.004	0	%100
130	FFTH	Z	-.001	-.001	0	%100
131	SF1-TH	Z	0	0	0	%100
132	SF2-TH	Z	-.001	-.001	0	%100
133	GSI-1	Z	0	0	0	%100
134	GSI-2	Z	-.002	-.002	0	%100
135	GSI-3	Z	-.002	-.002	0	%100
136	K1	Z	-.002	-.002	0	%100
137	K2	Z	-.002	-.002	0	%100
138	K3	Z	-.002	-.002	0	%100
139	K4	Z	-.002	-.002	0	%100
140	K5	Z	-.002	-.002	0	%100
141	K6	Z	-.002	-.002	0	%100
142	MF1	Z	-.001	-.001	0	%100
143	MF2	Z	0	0	0	%100
144	MF3	Z	-.001	-.001	0	%100
145	MP-1	Z	-.001	-.001	0	%100
146	MP-2	Z	-.001	-.001	0	%100
147	MP-3	Z	-.001	-.001	0	%100
148	MP-4	Z	-.001	-.001	0	%100
149	MP-5	Z	-.001	-.001	0	%100
150	MP-6	Z	-.001	-.001	0	%100
151	MP-7	Z	-.001	-.001	0	%100
152	MP-8	Z	-.001	-.001	0	%100
153	MP-9	Z	-.001	-.001	0	%100
154	MP-10	Z	-.001	-.001	0	%100
155	MP-11	Z	-.001	-.001	0	%100
156	MP-12	Z	-.001	-.001	0	%100
157	MP-13	Z	-.001	-.001	0	%100
158	MP-14	Z	-.001	-.001	0	%100
159	MP-15	Z	-.001	-.001	0	%100
160	PL-1	Z	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
161	PL-2	Z	-.003	-.003	0	%100
162	PL-3	Z	-.003	-.003	0	%100
163	PL-4	Z	-.003	-.003	0	%100
164	PL-5	Z	-.003	-.003	0	%100
165	PL-6	Z	-.003	-.003	0	%100
166	SA-1	Z	-.001	-.001	0	%100
167	SA-2	Z	-.000712	-.000712	0	%100
168	SA-3	Z	-.00075	-.00075	0	%100

Member Distributed Loads (BLC 27 : 180 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.003	.003	0	%100
2	ANG-2	X	.003	.003	0	%100
3	ANG-3	X	.003	.003	0	%100
4	ANG-4	X	.003	.003	0	%100
5	ANG-5	X	.003	.003	0	%100
6	ANG-6	X	.003	.003	0	%100
7	ANG-7	X	.003	.003	0	%100
8	ANG-8	X	.003	.003	0	%100
9	ANG-9	X	.003	.003	0	%100
10	ANG-10	X	.003	.003	0	%100
11	ANG-11	X	.003	.003	0	%100
12	ANG-12	X	.003	.003	0	%100
13	ANG-13	X	.003	.003	0	%100
14	ANG-14	X	.003	.003	0	%100
15	ANG-15	X	.003	.003	0	%100
16	ANG-16	X	.003	.003	0	%100
17	ANG-17	X	.003	.003	0	%100
18	ANG-18	X	.003	.003	0	%100
19	ANG-19	X	.003	.003	0	%100
20	ANG-20	X	.003	.003	0	%100
21	ANG-21	X	.003	.003	0	%100
22	ANG-22	X	.003	.003	0	%100
23	ANG-23	X	.003	.003	0	%100
24	ANG-24	X	.003	.003	0	%100
25	CH-1	X	.005	.005	0	%100
26	CH-2	X	.005	.005	0	%100
27	CH-3	X	.005	.005	0	%100
28	CH-4	X	.005	.005	0	%100
29	CH-5	X	.005	.005	0	%100
30	CH-6	X	.005	.005	0	%100
31	CH-7	X	.005	.005	0	%100
32	CH-8	X	.005	.005	0	%100
33	CH-9	X	.005	.005	0	%100
34	CH-10	X	.005	.005	0	%100
35	CH-11	X	.005	.005	0	%100
36	CH-12	X	.005	.005	0	%100
37	CH-13	X	.005	.005	0	%100
38	CH-14	X	.004	.004	0	%100
39	CH-15	X	.004	.004	0	%100
40	CP-1	X	.009	.009	0	%100

Member Distributed Loads (BLC 27 : 180 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
41	CP-2	X	.009	.009	0	%100
42	CP-3	X	.009	.009	0	%100
43	CP-4	X	.009	.009	0	%100
44	CP-5	X	.009	.009	0	%100
45	CP-6	X	.009	.009	0	%100
46	FFTH	X	.003	.003	0	%100
47	SF1-TH	X	.003	.003	0	%100
48	SF2-TH	X	.003	.003	0	%100
49	GSI-1	X	.004	.004	0	%100
50	GSI-2	X	.004	.004	0	%100
51	GSI-3	X	.005	.005	0	%100
52	K1	X	.004	.004	0	%100
53	K2	X	.004	.004	0	%100
54	K3	X	.004	.004	0	%100
55	K4	X	.004	.004	0	%100
56	K5	X	.004	.004	0	%100
57	K6	X	.004	.004	0	%100
58	MF1	X	.003	.003	0	%100
59	MF2	X	.003	.003	0	%100
60	MF3	X	.003	.003	0	%100
61	MP-1	X	.002	.002	0	%100
62	MP-2	X	.002	.002	0	%100
63	MP-3	X	.002	.002	0	%100
64	MP-4	X	.002	.002	0	%100
65	MP-5	X	.002	.002	0	%100
66	MP-6	X	.002	.002	0	%100
67	MP-7	X	.002	.002	0	%100
68	MP-8	X	.002	.002	0	%100
69	MP-9	X	.002	.002	0	%100
70	MP-10	X	.002	.002	0	%100
71	MP-11	X	.002	.002	0	%100
72	MP-12	X	.002	.002	0	%100
73	MP-13	X	.002	.002	0	%100
74	MP-14	X	.002	.002	0	%100
75	MP-15	X	.002	.002	0	%100
76	PL-1	X	.006	.006	0	%100
77	PL-2	X	.006	.006	0	%100
78	PL-3	X	.006	.006	0	%100
79	PL-4	X	.006	.006	0	%100
80	PL-5	X	.006	.006	0	%100
81	PL-6	X	.006	.006	0	%100
82	SA-1	X	.003	.003	0	%100
83	SA-2	X	.003	.003	0	%100
84	SA-3	X	.003	.003	0	%100

Member Distributed Loads (BLC 28 : 210 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.002	.002	0	%100
2	ANG-2	X	.003	.003	0	%100
3	ANG-3	X	.002	.002	0	%100
4	ANG-4	X	0	0	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
5	ANG-5	X	.002	.002	0	%100
6	ANG-6	X	.003	.003	0	%100
7	ANG-7	X	.002	.002	0	%100
8	ANG-8	X	0	0	0	%100
9	ANG-9	X	0	0	0	%100
10	ANG-10	X	.002	.002	0	%100
11	ANG-11	X	0	0	0	%100
12	ANG-12	X	.003	.003	0	%100
13	ANG-13	X	0	0	0	%100
14	ANG-14	X	.002	.002	0	%100
15	ANG-15	X	0	0	0	%100
16	ANG-16	X	.003	.003	0	%100
17	ANG-17	X	.003	.003	0	%100
18	ANG-18	X	0	0	0	%100
19	ANG-19	X	.003	.003	0	%100
20	ANG-20	X	.002	.002	0	%100
21	ANG-21	X	.003	.003	0	%100
22	ANG-22	X	0	0	0	%100
23	ANG-23	X	.003	.003	0	%100
24	ANG-24	X	.002	.002	0	%100
25	CH-1	X	.004	.004	0	%100
26	CH-2	X	.004	.004	0	%100
27	CH-3	X	.004	.004	0	%100
28	CH-4	X	.003	.003	0	%100
29	CH-5	X	.003	.003	0	%100
30	CH-6	X	.003	.003	0	%100
31	CH-7	X	0	0	0	%100
32	CH-8	X	0	0	0	%100
33	CH-9	X	0	0	0	%100
34	CH-10	X	.002	.002	0	%100
35	CH-11	X	.002	.002	0	%100
36	CH-12	X	.004	.004	0	%100
37	CH-13	X	.004	.004	0	%100
38	CH-14	X	.002	.002	0	%100
39	CH-15	X	.002	.002	0	%100
40	CP-1	X	.007	.007	0	%100
41	CP-2	X	.007	.007	0	%100
42	CP-3	X	.007	.007	0	%100
43	CP-4	X	.007	.007	0	%100
44	CP-5	X	0	0	0	%100
45	CP-6	X	0	0	0	%100
46	FFTH	X	.002	.002	0	%100
47	SF1-TH	X	.002	.002	0	%100
48	SF2-TH	X	0	0	0	%100
49	GSI-1	X	.003	.003	0	%100
50	GSI-2	X	0	0	0	%100
51	GSI-3	X	.004	.004	0	%100
52	K1	X	.004	.004	0	%100
53	K2	X	.004	.004	0	%100
54	K3	X	.004	.004	0	%100
55	K4	X	.004	.004	0	%100
56	K5	X	.004	.004	0	%100

Member Distributed Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
57	K6	X	.004	.004	0	%100
58	MF1	X	.003	.003	0	%100
59	MF2	X	.002	.002	0	%100
60	MF3	X	0	0	0	%100
61	MP-1	X	.002	.002	0	%100
62	MP-2	X	.002	.002	0	%100
63	MP-3	X	.002	.002	0	%100
64	MP-4	X	.002	.002	0	%100
65	MP-5	X	.002	.002	0	%100
66	MP-6	X	.002	.002	0	%100
67	MP-7	X	.002	.002	0	%100
68	MP-8	X	.002	.002	0	%100
69	MP-9	X	.002	.002	0	%100
70	MP-10	X	.002	.002	0	%100
71	MP-11	X	.002	.002	0	%100
72	MP-12	X	.002	.002	0	%100
73	MP-13	X	.002	.002	0	%100
74	MP-14	X	.002	.002	0	%100
75	MP-15	X	.002	.002	0	%100
76	PL-1	X	.005	.005	0	%100
77	PL-2	X	.005	.005	0	%100
78	PL-3	X	.005	.005	0	%100
79	PL-4	X	.005	.005	0	%100
80	PL-5	X	.005	.005	0	%100
81	PL-6	X	.005	.005	0	%100
82	SA-1	X	.001	.001	0	%100
83	SA-2	X	.003	.003	0	%100
84	SA-3	X	.001	.001	0	%100
85	ANG-1	Z	.001	.001	0	%100
86	ANG-2	Z	.001	.001	0	%100
87	ANG-3	Z	.001	.001	0	%100
88	ANG-4	Z	0	0	0	%100
89	ANG-5	Z	.001	.001	0	%100
90	ANG-6	Z	.001	.001	0	%100
91	ANG-7	Z	.001	.001	0	%100
92	ANG-8	Z	0	0	0	%100
93	ANG-9	Z	0	0	0	%100
94	ANG-10	Z	.001	.001	0	%100
95	ANG-11	Z	0	0	0	%100
96	ANG-12	Z	.001	.001	0	%100
97	ANG-13	Z	0	0	0	%100
98	ANG-14	Z	.001	.001	0	%100
99	ANG-15	Z	0	0	0	%100
100	ANG-16	Z	.001	.001	0	%100
101	ANG-17	Z	.001	.001	0	%100
102	ANG-18	Z	0	0	0	%100
103	ANG-19	Z	.001	.001	0	%100
104	ANG-20	Z	.001	.001	0	%100
105	ANG-21	Z	.001	.001	0	%100
106	ANG-22	Z	0	0	0	%100
107	ANG-23	Z	.001	.001	0	%100
108	ANG-24	Z	.001	.001	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
109	CH-1	Z	.002	.002	0	%100
110	CH-2	Z	.002	.002	0	%100
111	CH-3	Z	.002	.002	0	%100
112	CH-4	Z	.002	.002	0	%100
113	CH-5	Z	.002	.002	0	%100
114	CH-6	Z	.002	.002	0	%100
115	CH-7	Z	0	0	0	%100
116	CH-8	Z	0	0	0	%100
117	CH-9	Z	0	0	0	%100
118	CH-10	Z	.001	.001	0	%100
119	CH-11	Z	.001	.001	0	%100
120	CH-12	Z	.002	.002	0	%100
121	CH-13	Z	.002	.002	0	%100
122	CH-14	Z	.001	.001	0	%100
123	CH-15	Z	.001	.001	0	%100
124	CP-1	Z	.003	.003	0	%100
125	CP-2	Z	.003	.003	0	%100
126	CP-3	Z	.004	.004	0	%100
127	CP-4	Z	.004	.004	0	%100
128	CP-5	Z	0	0	0	%100
129	CP-6	Z	0	0	0	%100
130	FFTH	Z	.001	.001	0	%100
131	SF1-TH	Z	.001	.001	0	%100
132	SF2-TH	Z	0	0	0	%100
133	GSI-1	Z	.002	.002	0	%100
134	GSI-2	Z	0	0	0	%100
135	GSI-3	Z	.002	.002	0	%100
136	K1	Z	.002	.002	0	%100
137	K2	Z	.002	.002	0	%100
138	K3	Z	.002	.002	0	%100
139	K4	Z	.002	.002	0	%100
140	K5	Z	.002	.002	0	%100
141	K6	Z	.002	.002	0	%100
142	MF1	Z	.001	.001	0	%100
143	MF2	Z	.001	.001	0	%100
144	MF3	Z	0	0	0	%100
145	MP-1	Z	.001	.001	0	%100
146	MP-2	Z	.001	.001	0	%100
147	MP-3	Z	.001	.001	0	%100
148	MP-4	Z	.001	.001	0	%100
149	MP-5	Z	.001	.001	0	%100
150	MP-6	Z	.001	.001	0	%100
151	MP-7	Z	.001	.001	0	%100
152	MP-8	Z	.001	.001	0	%100
153	MP-9	Z	.001	.001	0	%100
154	MP-10	Z	.001	.001	0	%100
155	MP-11	Z	.001	.001	0	%100
156	MP-12	Z	.001	.001	0	%100
157	MP-13	Z	.001	.001	0	%100
158	MP-14	Z	.001	.001	0	%100
159	MP-15	Z	.001	.001	0	%100
160	PL-1	Z	.003	.003	0	%100

Member Distributed Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
161	PL-2	Z	.003	.003	0	%100
162	PL-3	Z	.003	.003	0	%100
163	PL-4	Z	.003	.003	0	%100
164	PL-5	Z	.003	.003	0	%100
165	PL-6	Z	.003	.003	0	%100
166	SA-1	Z	.000712	.000712	0	%100
167	SA-2	Z	.001	.001	0	%100
168	SA-3	Z	.00075	.00075	0	%100

Member Distributed Loads (BLC 29 : 225 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.002	.002	0	%100
2	ANG-2	X	.002	.002	0	%100
3	ANG-3	X	.002	.002	0	%100
4	ANG-4	X	.000572	.000572	0	%100
5	ANG-5	X	.002	.002	0	%100
6	ANG-6	X	.002	.002	0	%100
7	ANG-7	X	.002	.002	0	%100
8	ANG-8	X	.000572	.000572	0	%100
9	ANG-9	X	.000605	.000605	0	%100
10	ANG-10	X	.002	.002	0	%100
11	ANG-11	X	.00057	.00057	0	%100
12	ANG-12	X	.002	.002	0	%100
13	ANG-13	X	.000605	.000605	0	%100
14	ANG-14	X	.002	.002	0	%100
15	ANG-15	X	.00057	.00057	0	%100
16	ANG-16	X	.002	.002	0	%100
17	ANG-17	X	.002	.002	0	%100
18	ANG-18	X	.000572	.000572	0	%100
19	ANG-19	X	.002	.002	0	%100
20	ANG-20	X	.002	.002	0	%100
21	ANG-21	X	.002	.002	0	%100
22	ANG-22	X	.000572	.000572	0	%100
23	ANG-23	X	.002	.002	0	%100
24	ANG-24	X	.002	.002	0	%100
25	CH-1	X	.002	.002	0	%100
26	CH-2	X	.002	.002	0	%100
27	CH-3	X	.003	.003	0	%100
28	CH-4	X	.003	.003	0	%100
29	CH-5	X	.003	.003	0	%100
30	CH-6	X	.003	.003	0	%100
31	CH-7	X	.000826	.000826	0	%100
32	CH-8	X	.000826	.000826	0	%100
33	CH-9	X	.00084	.00084	0	%100
34	CH-10	X	.000932	.000932	0	%100
35	CH-11	X	.000932	.000932	0	%100
36	CH-12	X	.003	.003	0	%100
37	CH-13	X	.003	.003	0	%100
38	CH-14	X	.002	.002	0	%100
39	CH-15	X	.002	.002	0	%100
40	CP-1	X	.004	.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 29 : 225 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
41	CP-2	X	.004	.004	0	%100
42	CP-3	X	.006	.006	0	%100
43	CP-4	X	.006	.006	0	%100
44	CP-5	X	.002	.002	0	%100
45	CP-6	X	.002	.002	0	%100
46	FFTH	X	.002	.002	0	%100
47	SF1-TH	X	.002	.002	0	%100
48	SF2-TH	X	.000514	.000514	0	%100
49	GSI-1	X	.003	.003	0	%100
50	GSI-2	X	.000768	.000768	0	%100
51	GSI-3	X	.002	.002	0	%100
52	K1	X	.003	.003	0	%100
53	K2	X	.003	.003	0	%100
54	K3	X	.003	.003	0	%100
55	K4	X	.003	.003	0	%100
56	K5	X	.003	.003	0	%100
57	K6	X	.003	.003	0	%100
58	MF1	X	.002	.002	0	%100
59	MF2	X	.002	.002	0	%100
60	MF3	X	.000565	.000565	0	%100
61	MP-1	X	.002	.002	0	%100
62	MP-2	X	.002	.002	0	%100
63	MP-3	X	.002	.002	0	%100
64	MP-4	X	.002	.002	0	%100
65	MP-5	X	.002	.002	0	%100
66	MP-6	X	.002	.002	0	%100
67	MP-7	X	.002	.002	0	%100
68	MP-8	X	.002	.002	0	%100
69	MP-9	X	.002	.002	0	%100
70	MP-10	X	.002	.002	0	%100
71	MP-11	X	.002	.002	0	%100
72	MP-12	X	.002	.002	0	%100
73	MP-13	X	.001	.001	0	%100
74	MP-14	X	.001	.001	0	%100
75	MP-15	X	.001	.001	0	%100
76	PL-1	X	.004	.004	0	%100
77	PL-2	X	.004	.004	0	%100
78	PL-3	X	.004	.004	0	%100
79	PL-4	X	.004	.004	0	%100
80	PL-5	X	.004	.004	0	%100
81	PL-6	X	.004	.004	0	%100
82	SA-1	X	.00054	.00054	0	%100
83	SA-2	X	.002	.002	0	%100
84	SA-3	X	.001	.001	0	%100
85	ANG-1	Z	.002	.002	0	%100
86	ANG-2	Z	.002	.002	0	%100
87	ANG-3	Z	.002	.002	0	%100
88	ANG-4	Z	.0006	.0006	0	%100
89	ANG-5	Z	.002	.002	0	%100
90	ANG-6	Z	.002	.002	0	%100
91	ANG-7	Z	.002	.002	0	%100
92	ANG-8	Z	.0006	.0006	0	%100

Member Distributed Loads (BLC 29 : 225 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
93	ANG-9	Z	.000609	.000609	0	%100
94	ANG-10	Z	.002	.002	0	%100
95	ANG-11	Z	.000617	.000617	0	%100
96	ANG-12	Z	.002	.002	0	%100
97	ANG-13	Z	.000609	.000609	0	%100
98	ANG-14	Z	.002	.002	0	%100
99	ANG-15	Z	.000617	.000617	0	%100
100	ANG-16	Z	.002	.002	0	%100
101	ANG-17	Z	.002	.002	0	%100
102	ANG-18	Z	.0006	.0006	0	%100
103	ANG-19	Z	.002	.002	0	%100
104	ANG-20	Z	.002	.002	0	%100
105	ANG-21	Z	.002	.002	0	%100
106	ANG-22	Z	.0006	.0006	0	%100
107	ANG-23	Z	.002	.002	0	%100
108	ANG-24	Z	.002	.002	0	%100
109	CH-1	Z	.002	.002	0	%100
110	CH-2	Z	.002	.002	0	%100
111	CH-3	Z	.002	.002	0	%100
112	CH-4	Z	.003	.003	0	%100
113	CH-5	Z	.003	.003	0	%100
114	CH-6	Z	.003	.003	0	%100
115	CH-7	Z	.000867	.000867	0	%100
116	CH-8	Z	.000867	.000867	0	%100
117	CH-9	Z	.000916	.000916	0	%100
118	CH-10	Z	.000848	.000848	0	%100
119	CH-11	Z	.000848	.000848	0	%100
120	CH-12	Z	.003	.003	0	%100
121	CH-13	Z	.003	.003	0	%100
122	CH-14	Z	.003	.003	0	%100
123	CH-15	Z	.003	.003	0	%100
124	CP-1	Z	.004	.004	0	%100
125	CP-2	Z	.004	.004	0	%100
126	CP-3	Z	.006	.006	0	%100
127	CP-4	Z	.006	.006	0	%100
128	CP-5	Z	.002	.002	0	%100
129	CP-6	Z	.002	.002	0	%100
130	FFTH	Z	.001	.001	0	%100
131	SF1-TH	Z	.002	.002	0	%100
132	SF2-TH	Z	.000562	.000562	0	%100
133	GSI-1	Z	.003	.003	0	%100
134	GSI-2	Z	.00086	.00086	0	%100
135	GSI-3	Z	.002	.002	0	%100
136	K1	Z	.003	.003	0	%100
137	K2	Z	.003	.003	0	%100
138	K3	Z	.003	.003	0	%100
139	K4	Z	.003	.003	0	%100
140	K5	Z	.003	.003	0	%100
141	K6	Z	.003	.003	0	%100
142	MF1	Z	.002	.002	0	%100
143	MF2	Z	.002	.002	0	%100
144	MF3	Z	.000626	.000626	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 29 : 225 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
145	MP-1	Z	.002	.002	0	%100
146	MP-2	Z	.002	.002	0	%100
147	MP-3	Z	.002	.002	0	%100
148	MP-4	Z	.002	.002	0	%100
149	MP-5	Z	.002	.002	0	%100
150	MP-6	Z	.002	.002	0	%100
151	MP-7	Z	.002	.002	0	%100
152	MP-8	Z	.002	.002	0	%100
153	MP-9	Z	.002	.002	0	%100
154	MP-10	Z	.002	.002	0	%100
155	MP-11	Z	.002	.002	0	%100
156	MP-12	Z	.002	.002	0	%100
157	MP-13	Z	.002	.002	0	%100
158	MP-14	Z	.002	.002	0	%100
159	MP-15	Z	.002	.002	0	%100
160	PL-1	Z	.005	.005	0	%100
161	PL-2	Z	.005	.005	0	%100
162	PL-3	Z	.005	.005	0	%100
163	PL-4	Z	.005	.005	0	%100
164	PL-5	Z	.005	.005	0	%100
165	PL-6	Z	.005	.005	0	%100
166	SA-1	Z	.000521	.000521	0	%100
167	SA-2	Z	.002	.002	0	%100
168	SA-3	Z	.002	.002	0	%100

Member Distributed Loads (BLC 30 : 240 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	.002	.002	0	%100
2	ANG-2	X	.000834	.000834	0	%100
3	ANG-3	X	.002	.002	0	%100
4	ANG-4	X	.000781	.000781	0	%100
5	ANG-5	X	.002	.002	0	%100
6	ANG-6	X	.000834	.000834	0	%100
7	ANG-7	X	.002	.002	0	%100
8	ANG-8	X	.000781	.000781	0	%100
9	ANG-9	X	.000826	.000826	0	%100
10	ANG-10	X	.002	.002	0	%100
11	ANG-11	X	.000779	.000779	0	%100
12	ANG-12	X	.000834	.000834	0	%100
13	ANG-13	X	.000826	.000826	0	%100
14	ANG-14	X	.002	.002	0	%100
15	ANG-15	X	.000779	.000779	0	%100
16	ANG-16	X	.000834	.000834	0	%100
17	ANG-17	X	.000843	.000843	0	%100
18	ANG-18	X	.000781	.000781	0	%100
19	ANG-19	X	.000867	.000867	0	%100
20	ANG-20	X	.002	.002	0	%100
21	ANG-21	X	.000843	.000843	0	%100
22	ANG-22	X	.000781	.000781	0	%100
23	ANG-23	X	.000867	.000867	0	%100
24	ANG-24	X	.002	.002	0	%100

Member Distributed Loads (BLC 30 : 240 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
25	CH-1	X	.001	.001	0	%100
26	CH-2	X	.001	.001	0	%100
27	CH-3	X	.001	.001	0	%100
28	CH-4	X	.002	.002	0	%100
29	CH-5	X	.002	.002	0	%100
30	CH-6	X	.002	.002	0	%100
31	CH-7	X	.001	.001	0	%100
32	CH-8	X	.001	.001	0	%100
33	CH-9	X	.001	.001	0	%100
34	CH-10	X	0	0	0	%100
35	CH-11	X	0	0	0	%100
36	CH-12	X	.002	.002	0	%100
37	CH-13	X	.002	.002	0	%100
38	CH-14	X	.002	.002	0	%100
39	CH-15	X	.002	.002	0	%100
40	CP-1	X	.002	.002	0	%100
41	CP-2	X	.002	.002	0	%100
42	CP-3	X	.004	.004	0	%100
43	CP-4	X	.004	.004	0	%100
44	CP-5	X	.002	.002	0	%100
45	CP-6	X	.002	.002	0	%100
46	FFTH	X	.000768	.000768	0	%100
47	SF1-TH	X	.001	.001	0	%100
48	SF2-TH	X	.000702	.000702	0	%100
49	GSI-1	X	.002	.002	0	%100
50	GSI-2	X	.001	.001	0	%100
51	GSI-3	X	.001	.001	0	%100
52	K1	X	.002	.002	0	%100
53	K2	X	.002	.002	0	%100
54	K3	X	.002	.002	0	%100
55	K4	X	.002	.002	0	%100
56	K5	X	.002	.002	0	%100
57	K6	X	.002	.002	0	%100
58	MF1	X	.000855	.000855	0	%100
59	MF2	X	.002	.002	0	%100
60	MF3	X	.000772	.000772	0	%100
61	MP-1	X	.001	.001	0	%100
62	MP-2	X	.001	.001	0	%100
63	MP-3	X	.001	.001	0	%100
64	MP-4	X	.001	.001	0	%100
65	MP-5	X	.001	.001	0	%100
66	MP-6	X	.001	.001	0	%100
67	MP-7	X	.001	.001	0	%100
68	MP-8	X	.001	.001	0	%100
69	MP-9	X	.001	.001	0	%100
70	MP-10	X	.001	.001	0	%100
71	MP-11	X	.001	.001	0	%100
72	MP-12	X	.001	.001	0	%100
73	MP-13	X	.001	.001	0	%100
74	MP-14	X	.001	.001	0	%100
75	MP-15	X	.001	.001	0	%100
76	PL-1	X	.003	.003	0	%100

Member Distributed Loads (BLC 30 : 240 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
77	PL-2	X	.003	.003	0	%100
78	PL-3	X	.003	.003	0	%100
79	PL-4	X	.003	.003	0	%100
80	PL-5	X	.003	.003	0	%100
81	PL-6	X	.003	.003	0	%100
82	SA-1	X	0	0	0	%100
83	SA-2	X	.001	.001	0	%100
84	SA-3	X	.001	.001	0	%100
85	ANG-1	Z	.003	.003	0	%100
86	ANG-2	Z	.001	.001	0	%100
87	ANG-3	Z	.003	.003	0	%100
88	ANG-4	Z	.001	.001	0	%100
89	ANG-5	Z	.003	.003	0	%100
90	ANG-6	Z	.001	.001	0	%100
91	ANG-7	Z	.003	.003	0	%100
92	ANG-8	Z	.001	.001	0	%100
93	ANG-9	Z	.001	.001	0	%100
94	ANG-10	Z	.003	.003	0	%100
95	ANG-11	Z	.001	.001	0	%100
96	ANG-12	Z	.001	.001	0	%100
97	ANG-13	Z	.001	.001	0	%100
98	ANG-14	Z	.003	.003	0	%100
99	ANG-15	Z	.001	.001	0	%100
100	ANG-16	Z	.001	.001	0	%100
101	ANG-17	Z	.001	.001	0	%100
102	ANG-18	Z	.001	.001	0	%100
103	ANG-19	Z	.001	.001	0	%100
104	ANG-20	Z	.003	.003	0	%100
105	ANG-21	Z	.001	.001	0	%100
106	ANG-22	Z	.001	.001	0	%100
107	ANG-23	Z	.001	.001	0	%100
108	ANG-24	Z	.003	.003	0	%100
109	CH-1	Z	.002	.002	0	%100
110	CH-2	Z	.002	.002	0	%100
111	CH-3	Z	.002	.002	0	%100
112	CH-4	Z	.004	.004	0	%100
113	CH-5	Z	.004	.004	0	%100
114	CH-6	Z	.004	.004	0	%100
115	CH-7	Z	.002	.002	0	%100
116	CH-8	Z	.002	.002	0	%100
117	CH-9	Z	.002	.002	0	%100
118	CH-10	Z	0	0	0	%100
119	CH-11	Z	0	0	0	%100
120	CH-12	Z	.003	.003	0	%100
121	CH-13	Z	.003	.003	0	%100
122	CH-14	Z	.004	.004	0	%100
123	CH-15	Z	.004	.004	0	%100
124	CP-1	Z	.003	.003	0	%100
125	CP-2	Z	.003	.003	0	%100
126	CP-3	Z	.008	.008	0	%100
127	CP-4	Z	.008	.008	0	%100
128	CP-5	Z	.004	.004	0	%100

Member Distributed Loads (BLC 30 : 240 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
129	CP-6	Z	.004	.004	0	%100
130	FFTH	Z	.001	.001	0	%100
131	SF1-TH	Z	.003	.003	0	%100
132	SF2-TH	Z	.001	.001	0	%100
133	GSI-1	Z	.004	.004	0	%100
134	GSI-2	Z	.002	.002	0	%100
135	GSI-3	Z	.002	.002	0	%100
136	K1	Z	.004	.004	0	%100
137	K2	Z	.004	.004	0	%100
138	K3	Z	.004	.004	0	%100
139	K4	Z	.004	.004	0	%100
140	K5	Z	.004	.004	0	%100
141	K6	Z	.004	.004	0	%100
142	MF1	Z	.001	.001	0	%100
143	MF2	Z	.003	.003	0	%100
144	MF3	Z	.001	.001	0	%100
145	MP-1	Z	.002	.002	0	%100
146	MP-2	Z	.002	.002	0	%100
147	MP-3	Z	.002	.002	0	%100
148	MP-4	Z	.002	.002	0	%100
149	MP-5	Z	.002	.002	0	%100
150	MP-6	Z	.002	.002	0	%100
151	MP-7	Z	.002	.002	0	%100
152	MP-8	Z	.002	.002	0	%100
153	MP-9	Z	.002	.002	0	%100
154	MP-10	Z	.002	.002	0	%100
155	MP-11	Z	.002	.002	0	%100
156	MP-12	Z	.002	.002	0	%100
157	MP-13	Z	.002	.002	0	%100
158	MP-14	Z	.002	.002	0	%100
159	MP-15	Z	.002	.002	0	%100
160	PL-1	Z	.006	.006	0	%100
161	PL-2	Z	.006	.006	0	%100
162	PL-3	Z	.006	.006	0	%100
163	PL-4	Z	.006	.006	0	%100
164	PL-5	Z	.006	.006	0	%100
165	PL-6	Z	.006	.006	0	%100
166	SA-1	Z	0	0	0	%100
167	SA-2	Z	.002	.002	0	%100
168	SA-3	Z	.002	.002	0	%100

Member Distributed Loads (BLC 31 : 270 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	Z	.003	.003	0	%100
2	ANG-2	Z	0	0	0	%100
3	ANG-3	Z	.003	.003	0	%100
4	ANG-4	Z	.003	.003	0	%100
5	ANG-5	Z	.003	.003	0	%100
6	ANG-6	Z	0	0	0	%100
7	ANG-7	Z	.003	.003	0	%100
8	ANG-8	Z	.003	.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 31 : 270 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
9	ANG-9	Z	.003	.003	0	%100
10	ANG-10	Z	.003	.003	0	%100
11	ANG-11	Z	.003	.003	0	%100
12	ANG-12	Z	0	0	0	%100
13	ANG-13	Z	.003	.003	0	%100
14	ANG-14	Z	.003	.003	0	%100
15	ANG-15	Z	.003	.003	0	%100
16	ANG-16	Z	0	0	0	%100
17	ANG-17	Z	0	0	0	%100
18	ANG-18	Z	.003	.003	0	%100
19	ANG-19	Z	0	0	0	%100
20	ANG-20	Z	.003	.003	0	%100
21	ANG-21	Z	0	0	0	%100
22	ANG-22	Z	.003	.003	0	%100
23	ANG-23	Z	0	0	0	%100
24	ANG-24	Z	.003	.003	0	%100
25	CH-1	Z	0	0	0	%100
26	CH-2	Z	0	0	0	%100
27	CH-3	Z	0	0	0	%100
28	CH-4	Z	.004	.004	0	%100
29	CH-5	Z	.004	.004	0	%100
30	CH-6	Z	.004	.004	0	%100
31	CH-7	Z	.004	.004	0	%100
32	CH-8	Z	.004	.004	0	%100
33	CH-9	Z	.004	.004	0	%100
34	CH-10	Z	.002	.002	0	%100
35	CH-11	Z	.002	.002	0	%100
36	CH-12	Z	.002	.002	0	%100
37	CH-13	Z	.002	.002	0	%100
38	CH-14	Z	.005	.005	0	%100
39	CH-15	Z	.005	.005	0	%100
40	CP-1	Z	0	0	0	%100
41	CP-2	Z	0	0	0	%100
42	CP-3	Z	.008	.008	0	%100
43	CP-4	Z	.008	.008	0	%100
44	CP-5	Z	.008	.008	0	%100
45	CP-6	Z	.008	.008	0	%100
46	FFTH	Z	0	0	0	%100
47	SF1-TH	Z	.003	.003	0	%100
48	SF2-TH	Z	.003	.003	0	%100
49	GSI-1	Z	.004	.004	0	%100
50	GSI-2	Z	.004	.004	0	%100
51	GSI-3	Z	0	0	0	%100
52	K1	Z	.005	.005	0	%100
53	K2	Z	.005	.005	0	%100
54	K3	Z	.005	.005	0	%100
55	K4	Z	.005	.005	0	%100
56	K5	Z	.005	.005	0	%100
57	K6	Z	.005	.005	0	%100
58	MF1	Z	0	0	0	%100
59	MF2	Z	.003	.003	0	%100
60	MF3	Z	.003	.003	0	%100

Member Distributed Loads (BLC 31 : 270 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
61	MP-1	Z	.003	.003	0	%100
62	MP-2	Z	.003	.003	0	%100
63	MP-3	Z	.003	.003	0	%100
64	MP-4	Z	.003	.003	0	%100
65	MP-5	Z	.003	.003	0	%100
66	MP-6	Z	.003	.003	0	%100
67	MP-7	Z	.003	.003	0	%100
68	MP-8	Z	.003	.003	0	%100
69	MP-9	Z	.003	.003	0	%100
70	MP-10	Z	.003	.003	0	%100
71	MP-11	Z	.003	.003	0	%100
72	MP-12	Z	.003	.003	0	%100
73	MP-13	Z	.002	.002	0	%100
74	MP-14	Z	.002	.002	0	%100
75	MP-15	Z	.002	.002	0	%100
76	PL-1	Z	.007	.007	0	%100
77	PL-2	Z	.007	.007	0	%100
78	PL-3	Z	.007	.007	0	%100
79	PL-4	Z	.007	.007	0	%100
80	PL-5	Z	.007	.007	0	%100
81	PL-6	Z	.007	.007	0	%100
82	SA-1	Z	.001	.001	0	%100
83	SA-2	Z	.001	.001	0	%100
84	SA-3	Z	.003	.003	0	%100

Member Distributed Loads (BLC 32 : 300 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.000826	-.000826	0	%100
2	ANG-2	X	-.000834	-.000834	0	%100
3	ANG-3	X	-.000779	-.000779	0	%100
4	ANG-4	X	-.002	-.002	0	%100
5	ANG-5	X	-.000826	-.000826	0	%100
6	ANG-6	X	-.000834	-.000834	0	%100
7	ANG-7	X	-.000779	-.000779	0	%100
8	ANG-8	X	-.002	-.002	0	%100
9	ANG-9	X	-.002	-.002	0	%100
10	ANG-10	X	-.000781	-.000781	0	%100
11	ANG-11	X	-.002	-.002	0	%100
12	ANG-12	X	-.000834	-.000834	0	%100
13	ANG-13	X	-.002	-.002	0	%100
14	ANG-14	X	-.000781	-.000781	0	%100
15	ANG-15	X	-.002	-.002	0	%100
16	ANG-16	X	-.000834	-.000834	0	%100
17	ANG-17	X	-.000843	-.000843	0	%100
18	ANG-18	X	-.002	-.002	0	%100
19	ANG-19	X	-.000867	-.000867	0	%100
20	ANG-20	X	-.000781	-.000781	0	%100
21	ANG-21	X	-.000843	-.000843	0	%100
22	ANG-22	X	-.002	-.002	0	%100
23	ANG-23	X	-.000867	-.000867	0	%100
24	ANG-24	X	-.000781	-.000781	0	%100

Member Distributed Loads (BLC 32 : 300 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
25	CH-1	X	-.001	-.001	0	%100
26	CH-2	X	-.001	-.001	0	%100
27	CH-3	X	-.001	-.001	0	%100
28	CH-4	X	-.001	-.001	0	%100
29	CH-5	X	-.001	-.001	0	%100
30	CH-6	X	-.001	-.001	0	%100
31	CH-7	X	-.002	-.002	0	%100
32	CH-8	X	-.002	-.002	0	%100
33	CH-9	X	-.002	-.002	0	%100
34	CH-10	X	-.002	-.002	0	%100
35	CH-11	X	-.002	-.002	0	%100
36	CH-12	X	0	0	0	%100
37	CH-13	X	0	0	0	%100
38	CH-14	X	-.002	-.002	0	%100
39	CH-15	X	-.002	-.002	0	%100
40	CP-1	X	-.002	-.002	0	%100
41	CP-2	X	-.002	-.002	0	%100
42	CP-3	X	-.002	-.002	0	%100
43	CP-4	X	-.002	-.002	0	%100
44	CP-5	X	-.004	-.004	0	%100
45	CP-6	X	-.004	-.004	0	%100
46	FFTH	X	-.000768	-.000768	0	%100
47	SF1-TH	X	-.000702	-.000702	0	%100
48	SF2-TH	X	-.001	-.001	0	%100
49	GSI-1	X	-.001	-.001	0	%100
50	GSI-2	X	-.002	-.002	0	%100
51	GSI-3	X	-.001	-.001	0	%100
52	K1	X	-.002	-.002	0	%100
53	K2	X	-.002	-.002	0	%100
54	K3	X	-.002	-.002	0	%100
55	K4	X	-.002	-.002	0	%100
56	K5	X	-.002	-.002	0	%100
57	K6	X	-.002	-.002	0	%100
58	MF1	X	-.000855	-.000855	0	%100
59	MF2	X	-.000772	-.000772	0	%100
60	MF3	X	-.002	-.002	0	%100
61	MP-1	X	-.001	-.001	0	%100
62	MP-2	X	-.001	-.001	0	%100
63	MP-3	X	-.001	-.001	0	%100
64	MP-4	X	-.001	-.001	0	%100
65	MP-5	X	-.001	-.001	0	%100
66	MP-6	X	-.001	-.001	0	%100
67	MP-7	X	-.001	-.001	0	%100
68	MP-8	X	-.001	-.001	0	%100
69	MP-9	X	-.001	-.001	0	%100
70	MP-10	X	-.001	-.001	0	%100
71	MP-11	X	-.001	-.001	0	%100
72	MP-12	X	-.001	-.001	0	%100
73	MP-13	X	-.001	-.001	0	%100
74	MP-14	X	-.001	-.001	0	%100
75	MP-15	X	-.001	-.001	0	%100
76	PL-1	X	-.003	-.003	0	%100

Member Distributed Loads (BLC 32 : 300 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
77	PL-2	X	-.003	-.003	0	%100
78	PL-3	X	-.003	-.003	0	%100
79	PL-4	X	-.003	-.003	0	%100
80	PL-5	X	-.003	-.003	0	%100
81	PL-6	X	-.003	-.003	0	%100
82	SA-1	X	-.001	-.001	0	%100
83	SA-2	X	0	0	0	%100
84	SA-3	X	-.001	-.001	0	%100
85	ANG-1	Z	.001	.001	0	%100
86	ANG-2	Z	.001	.001	0	%100
87	ANG-3	Z	.001	.001	0	%100
88	ANG-4	Z	.003	.003	0	%100
89	ANG-5	Z	.001	.001	0	%100
90	ANG-6	Z	.001	.001	0	%100
91	ANG-7	Z	.001	.001	0	%100
92	ANG-8	Z	.003	.003	0	%100
93	ANG-9	Z	.003	.003	0	%100
94	ANG-10	Z	.001	.001	0	%100
95	ANG-11	Z	.003	.003	0	%100
96	ANG-12	Z	.001	.001	0	%100
97	ANG-13	Z	.003	.003	0	%100
98	ANG-14	Z	.001	.001	0	%100
99	ANG-15	Z	.003	.003	0	%100
100	ANG-16	Z	.001	.001	0	%100
101	ANG-17	Z	.001	.001	0	%100
102	ANG-18	Z	.003	.003	0	%100
103	ANG-19	Z	.001	.001	0	%100
104	ANG-20	Z	.001	.001	0	%100
105	ANG-21	Z	.001	.001	0	%100
106	ANG-22	Z	.003	.003	0	%100
107	ANG-23	Z	.001	.001	0	%100
108	ANG-24	Z	.001	.001	0	%100
109	CH-1	Z	.002	.002	0	%100
110	CH-2	Z	.002	.002	0	%100
111	CH-3	Z	.002	.002	0	%100
112	CH-4	Z	.002	.002	0	%100
113	CH-5	Z	.002	.002	0	%100
114	CH-6	Z	.002	.002	0	%100
115	CH-7	Z	.004	.004	0	%100
116	CH-8	Z	.004	.004	0	%100
117	CH-9	Z	.004	.004	0	%100
118	CH-10	Z	.003	.003	0	%100
119	CH-11	Z	.003	.003	0	%100
120	CH-12	Z	0	0	0	%100
121	CH-13	Z	0	0	0	%100
122	CH-14	Z	.004	.004	0	%100
123	CH-15	Z	.004	.004	0	%100
124	CP-1	Z	.003	.003	0	%100
125	CP-2	Z	.003	.003	0	%100
126	CP-3	Z	.004	.004	0	%100
127	CP-4	Z	.004	.004	0	%100
128	CP-5	Z	.008	.008	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 32 : 300 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
129	CP-6	Z	.008	.008	0	%100
130	FFTH	Z	.001	.001	0	%100
131	SF1-TH	Z	.001	.001	0	%100
132	SF2-TH	Z	.003	.003	0	%100
133	GSI-1	Z	.002	.002	0	%100
134	GSI-2	Z	.004	.004	0	%100
135	GSI-3	Z	.002	.002	0	%100
136	K1	Z	.004	.004	0	%100
137	K2	Z	.004	.004	0	%100
138	K3	Z	.004	.004	0	%100
139	K4	Z	.004	.004	0	%100
140	K5	Z	.004	.004	0	%100
141	K6	Z	.004	.004	0	%100
142	MF1	Z	.001	.001	0	%100
143	MF2	Z	.001	.001	0	%100
144	MF3	Z	.003	.003	0	%100
145	MP-1	Z	.002	.002	0	%100
146	MP-2	Z	.002	.002	0	%100
147	MP-3	Z	.002	.002	0	%100
148	MP-4	Z	.002	.002	0	%100
149	MP-5	Z	.002	.002	0	%100
150	MP-6	Z	.002	.002	0	%100
151	MP-7	Z	.002	.002	0	%100
152	MP-8	Z	.002	.002	0	%100
153	MP-9	Z	.002	.002	0	%100
154	MP-10	Z	.002	.002	0	%100
155	MP-11	Z	.002	.002	0	%100
156	MP-12	Z	.002	.002	0	%100
157	MP-13	Z	.002	.002	0	%100
158	MP-14	Z	.002	.002	0	%100
159	MP-15	Z	.002	.002	0	%100
160	PL-1	Z	.006	.006	0	%100
161	PL-2	Z	.006	.006	0	%100
162	PL-3	Z	.006	.006	0	%100
163	PL-4	Z	.006	.006	0	%100
164	PL-5	Z	.006	.006	0	%100
165	PL-6	Z	.006	.006	0	%100
166	SA-1	Z	.002	.002	0	%100
167	SA-2	Z	0	0	0	%100
168	SA-3	Z	.002	.002	0	%100

Member Distributed Loads (BLC 33 : 315 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	-.000605	-.000605	0	%100
2	ANG-2	X	-.002	-.002	0	%100
3	ANG-3	X	-.00057	-.00057	0	%100
4	ANG-4	X	-.002	-.002	0	%100
5	ANG-5	X	-.000605	-.000605	0	%100
6	ANG-6	X	-.002	-.002	0	%100
7	ANG-7	X	-.00057	-.00057	0	%100
8	ANG-8	X	-.002	-.002	0	%100

Member Distributed Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
9	ANG-9	X	-.002	-.002	0	%100
10	ANG-10	X	-.000572	-.000572	0	%100
11	ANG-11	X	-.002	-.002	0	%100
12	ANG-12	X	-.002	-.002	0	%100
13	ANG-13	X	-.002	-.002	0	%100
14	ANG-14	X	-.000572	-.000572	0	%100
15	ANG-15	X	-.002	-.002	0	%100
16	ANG-16	X	-.002	-.002	0	%100
17	ANG-17	X	-.002	-.002	0	%100
18	ANG-18	X	-.002	-.002	0	%100
19	ANG-19	X	-.002	-.002	0	%100
20	ANG-20	X	-.000572	-.000572	0	%100
21	ANG-21	X	-.002	-.002	0	%100
22	ANG-22	X	-.002	-.002	0	%100
23	ANG-23	X	-.002	-.002	0	%100
24	ANG-24	X	-.000572	-.000572	0	%100
25	CH-1	X	-.002	-.002	0	%100
26	CH-2	X	-.002	-.002	0	%100
27	CH-3	X	-.003	-.003	0	%100
28	CH-4	X	-.000826	-.000826	0	%100
29	CH-5	X	-.000826	-.000826	0	%100
30	CH-6	X	-.00084	-.00084	0	%100
31	CH-7	X	-.003	-.003	0	%100
32	CH-8	X	-.003	-.003	0	%100
33	CH-9	X	-.003	-.003	0	%100
34	CH-10	X	-.003	-.003	0	%100
35	CH-11	X	-.003	-.003	0	%100
36	CH-12	X	-.000932	-.000932	0	%100
37	CH-13	X	-.000932	-.000932	0	%100
38	CH-14	X	-.002	-.002	0	%100
39	CH-15	X	-.002	-.002	0	%100
40	CP-1	X	-.004	-.004	0	%100
41	CP-2	X	-.004	-.004	0	%100
42	CP-3	X	-.002	-.002	0	%100
43	CP-4	X	-.002	-.002	0	%100
44	CP-5	X	-.006	-.006	0	%100
45	CP-6	X	-.006	-.006	0	%100
46	FFTH	X	-.002	-.002	0	%100
47	SF1-TH	X	-.000514	-.000514	0	%100
48	SF2-TH	X	-.002	-.002	0	%100
49	GSI-1	X	-.000768	-.000768	0	%100
50	GSI-2	X	-.003	-.003	0	%100
51	GSI-3	X	-.002	-.002	0	%100
52	K1	X	-.003	-.003	0	%100
53	K2	X	-.003	-.003	0	%100
54	K3	X	-.003	-.003	0	%100
55	K4	X	-.003	-.003	0	%100
56	K5	X	-.003	-.003	0	%100
57	K6	X	-.003	-.003	0	%100
58	MF1	X	-.002	-.002	0	%100
59	MF2	X	-.000565	-.000565	0	%100
60	MF3	X	-.002	-.002	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
61	MP-1	X	-.002	-.002	0	%100
62	MP-2	X	-.002	-.002	0	%100
63	MP-3	X	-.002	-.002	0	%100
64	MP-4	X	-.002	-.002	0	%100
65	MP-5	X	-.002	-.002	0	%100
66	MP-6	X	-.002	-.002	0	%100
67	MP-7	X	-.002	-.002	0	%100
68	MP-8	X	-.002	-.002	0	%100
69	MP-9	X	-.002	-.002	0	%100
70	MP-10	X	-.002	-.002	0	%100
71	MP-11	X	-.002	-.002	0	%100
72	MP-12	X	-.002	-.002	0	%100
73	MP-13	X	-.001	-.001	0	%100
74	MP-14	X	-.001	-.001	0	%100
75	MP-15	X	-.001	-.001	0	%100
76	PL-1	X	-.004	-.004	0	%100
77	PL-2	X	-.004	-.004	0	%100
78	PL-3	X	-.004	-.004	0	%100
79	PL-4	X	-.004	-.004	0	%100
80	PL-5	X	-.004	-.004	0	%100
81	PL-6	X	-.004	-.004	0	%100
82	SA-1	X	-.002	-.002	0	%100
83	SA-2	X	-.00054	-.00054	0	%100
84	SA-3	X	-.001	-.001	0	%100
85	ANG-1	Z	.000609	.000609	0	%100
86	ANG-2	Z	.002	.002	0	%100
87	ANG-3	Z	.000617	.000617	0	%100
88	ANG-4	Z	.002	.002	0	%100
89	ANG-5	Z	.000609	.000609	0	%100
90	ANG-6	Z	.002	.002	0	%100
91	ANG-7	Z	.000617	.000617	0	%100
92	ANG-8	Z	.002	.002	0	%100
93	ANG-9	Z	.002	.002	0	%100
94	ANG-10	Z	.0006	.0006	0	%100
95	ANG-11	Z	.002	.002	0	%100
96	ANG-12	Z	.002	.002	0	%100
97	ANG-13	Z	.002	.002	0	%100
98	ANG-14	Z	.0006	.0006	0	%100
99	ANG-15	Z	.002	.002	0	%100
100	ANG-16	Z	.002	.002	0	%100
101	ANG-17	Z	.002	.002	0	%100
102	ANG-18	Z	.002	.002	0	%100
103	ANG-19	Z	.002	.002	0	%100
104	ANG-20	Z	.0006	.0006	0	%100
105	ANG-21	Z	.002	.002	0	%100
106	ANG-22	Z	.002	.002	0	%100
107	ANG-23	Z	.002	.002	0	%100
108	ANG-24	Z	.0006	.0006	0	%100
109	CH-1	Z	.002	.002	0	%100
110	CH-2	Z	.002	.002	0	%100
111	CH-3	Z	.002	.002	0	%100
112	CH-4	Z	.000867	.000867	0	%100

Member Distributed Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
113	CH-5	Z	.000867	.000867	0	%100
114	CH-6	Z	.000916	.000916	0	%100
115	CH-7	Z	.003	.003	0	%100
116	CH-8	Z	.003	.003	0	%100
117	CH-9	Z	.003	.003	0	%100
118	CH-10	Z	.003	.003	0	%100
119	CH-11	Z	.003	.003	0	%100
120	CH-12	Z	.000848	.000848	0	%100
121	CH-13	Z	.000848	.000848	0	%100
122	CH-14	Z	.003	.003	0	%100
123	CH-15	Z	.003	.003	0	%100
124	CP-1	Z	.004	.004	0	%100
125	CP-2	Z	.004	.004	0	%100
126	CP-3	Z	.002	.002	0	%100
127	CP-4	Z	.002	.002	0	%100
128	CP-5	Z	.006	.006	0	%100
129	CP-6	Z	.006	.006	0	%100
130	FFTH	Z	.001	.001	0	%100
131	SF1-TH	Z	.000562	.000562	0	%100
132	SF2-TH	Z	.002	.002	0	%100
133	GSI-1	Z	.00086	.00086	0	%100
134	GSI-2	Z	.003	.003	0	%100
135	GSI-3	Z	.002	.002	0	%100
136	K1	Z	.003	.003	0	%100
137	K2	Z	.003	.003	0	%100
138	K3	Z	.003	.003	0	%100
139	K4	Z	.003	.003	0	%100
140	K5	Z	.003	.003	0	%100
141	K6	Z	.003	.003	0	%100
142	MF1	Z	.002	.002	0	%100
143	MF2	Z	.000626	.000626	0	%100
144	MF3	Z	.002	.002	0	%100
145	MP-1	Z	.002	.002	0	%100
146	MP-2	Z	.002	.002	0	%100
147	MP-3	Z	.002	.002	0	%100
148	MP-4	Z	.002	.002	0	%100
149	MP-5	Z	.002	.002	0	%100
150	MP-6	Z	.002	.002	0	%100
151	MP-7	Z	.002	.002	0	%100
152	MP-8	Z	.002	.002	0	%100
153	MP-9	Z	.002	.002	0	%100
154	MP-10	Z	.002	.002	0	%100
155	MP-11	Z	.002	.002	0	%100
156	MP-12	Z	.002	.002	0	%100
157	MP-13	Z	.002	.002	0	%100
158	MP-14	Z	.002	.002	0	%100
159	MP-15	Z	.002	.002	0	%100
160	PL-1	Z	.005	.005	0	%100
161	PL-2	Z	.005	.005	0	%100
162	PL-3	Z	.005	.005	0	%100
163	PL-4	Z	.005	.005	0	%100
164	PL-5	Z	.005	.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
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Member Distributed Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
165	PL-6	Z	.005	.005	0	%100
166	SA-1	Z	.002	.002	0	%100
167	SA-2	Z	.000521	.000521	0	%100
168	SA-3	Z	.002	.002	0	%100

Member Distributed Loads (BLC 34 : 330 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	ANG-1	X	0	0	0	%100
2	ANG-2	X	-.003	-.003	0	%100
3	ANG-3	X	0	0	0	%100
4	ANG-4	X	-.002	-.002	0	%100
5	ANG-5	X	0	0	0	%100
6	ANG-6	X	-.003	-.003	0	%100
7	ANG-7	X	0	0	0	%100
8	ANG-8	X	-.002	-.002	0	%100
9	ANG-9	X	-.002	-.002	0	%100
10	ANG-10	X	0	0	0	%100
11	ANG-11	X	-.002	-.002	0	%100
12	ANG-12	X	-.003	-.003	0	%100
13	ANG-13	X	-.002	-.002	0	%100
14	ANG-14	X	0	0	0	%100
15	ANG-15	X	-.002	-.002	0	%100
16	ANG-16	X	-.003	-.003	0	%100
17	ANG-17	X	-.003	-.003	0	%100
18	ANG-18	X	-.002	-.002	0	%100
19	ANG-19	X	-.003	-.003	0	%100
20	ANG-20	X	0	0	0	%100
21	ANG-21	X	-.003	-.003	0	%100
22	ANG-22	X	-.002	-.002	0	%100
23	ANG-23	X	-.003	-.003	0	%100
24	ANG-24	X	0	0	0	%100
25	CH-1	X	-.004	-.004	0	%100
26	CH-2	X	-.004	-.004	0	%100
27	CH-3	X	-.004	-.004	0	%100
28	CH-4	X	0	0	0	%100
29	CH-5	X	0	0	0	%100
30	CH-6	X	0	0	0	%100
31	CH-7	X	-.003	-.003	0	%100
32	CH-8	X	-.003	-.003	0	%100
33	CH-9	X	-.003	-.003	0	%100
34	CH-10	X	-.004	-.004	0	%100
35	CH-11	X	-.004	-.004	0	%100
36	CH-12	X	-.002	-.002	0	%100
37	CH-13	X	-.002	-.002	0	%100
38	CH-14	X	-.002	-.002	0	%100
39	CH-15	X	-.002	-.002	0	%100
40	CP-1	X	-.007	-.007	0	%100
41	CP-2	X	-.007	-.007	0	%100
42	CP-3	X	0	0	0	%100
43	CP-4	X	0	0	0	%100
44	CP-5	X	-.007	-.007	0	%100

Member Distributed Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
45	CP-6	X	-.007	-.007	0	%100
46	FFTH	X	-.002	-.002	0	%100
47	SF1-TH	X	0	0	0	%100
48	SF2-TH	X	-.002	-.002	0	%100
49	GSI-1	X	0	0	0	%100
50	GSI-2	X	-.003	-.003	0	%100
51	GSI-3	X	-.004	-.004	0	%100
52	K1	X	-.004	-.004	0	%100
53	K2	X	-.004	-.004	0	%100
54	K3	X	-.004	-.004	0	%100
55	K4	X	-.004	-.004	0	%100
56	K5	X	-.004	-.004	0	%100
57	K6	X	-.004	-.004	0	%100
58	MF1	X	-.003	-.003	0	%100
59	MF2	X	0	0	0	%100
60	MF3	X	-.002	-.002	0	%100
61	MP-1	X	-.002	-.002	0	%100
62	MP-2	X	-.002	-.002	0	%100
63	MP-3	X	-.002	-.002	0	%100
64	MP-4	X	-.002	-.002	0	%100
65	MP-5	X	-.002	-.002	0	%100
66	MP-6	X	-.002	-.002	0	%100
67	MP-7	X	-.002	-.002	0	%100
68	MP-8	X	-.002	-.002	0	%100
69	MP-9	X	-.002	-.002	0	%100
70	MP-10	X	-.002	-.002	0	%100
71	MP-11	X	-.002	-.002	0	%100
72	MP-12	X	-.002	-.002	0	%100
73	MP-13	X	-.002	-.002	0	%100
74	MP-14	X	-.002	-.002	0	%100
75	MP-15	X	-.002	-.002	0	%100
76	PL-1	X	-.005	-.005	0	%100
77	PL-2	X	-.005	-.005	0	%100
78	PL-3	X	-.005	-.005	0	%100
79	PL-4	X	-.005	-.005	0	%100
80	PL-5	X	-.005	-.005	0	%100
81	PL-6	X	-.005	-.005	0	%100
82	SA-1	X	-.003	-.003	0	%100
83	SA-2	X	-.001	-.001	0	%100
84	SA-3	X	-.001	-.001	0	%100
85	ANG-1	Z	0	0	0	%100
86	ANG-2	Z	.001	.001	0	%100
87	ANG-3	Z	0	0	0	%100
88	ANG-4	Z	.001	.001	0	%100
89	ANG-5	Z	0	0	0	%100
90	ANG-6	Z	.001	.001	0	%100
91	ANG-7	Z	0	0	0	%100
92	ANG-8	Z	.001	.001	0	%100
93	ANG-9	Z	.001	.001	0	%100
94	ANG-10	Z	0	0	0	%100
95	ANG-11	Z	.001	.001	0	%100
96	ANG-12	Z	.001	.001	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
97	ANG-13	Z	.001	.001	0	%100
98	ANG-14	Z	0	0	0	%100
99	ANG-15	Z	.001	.001	0	%100
100	ANG-16	Z	.001	.001	0	%100
101	ANG-17	Z	.001	.001	0	%100
102	ANG-18	Z	.001	.001	0	%100
103	ANG-19	Z	.001	.001	0	%100
104	ANG-20	Z	0	0	0	%100
105	ANG-21	Z	.001	.001	0	%100
106	ANG-22	Z	.001	.001	0	%100
107	ANG-23	Z	.001	.001	0	%100
108	ANG-24	Z	0	0	0	%100
109	CH-1	Z	.002	.002	0	%100
110	CH-2	Z	.002	.002	0	%100
111	CH-3	Z	.002	.002	0	%100
112	CH-4	Z	0	0	0	%100
113	CH-5	Z	0	0	0	%100
114	CH-6	Z	0	0	0	%100
115	CH-7	Z	.002	.002	0	%100
116	CH-8	Z	.002	.002	0	%100
117	CH-9	Z	.002	.002	0	%100
118	CH-10	Z	.002	.002	0	%100
119	CH-11	Z	.002	.002	0	%100
120	CH-12	Z	.001	.001	0	%100
121	CH-13	Z	.001	.001	0	%100
122	CH-14	Z	.001	.001	0	%100
123	CH-15	Z	.001	.001	0	%100
124	CP-1	Z	.003	.003	0	%100
125	CP-2	Z	.003	.003	0	%100
126	CP-3	Z	0	0	0	%100
127	CP-4	Z	0	0	0	%100
128	CP-5	Z	.004	.004	0	%100
129	CP-6	Z	.004	.004	0	%100
130	FFTH	Z	.001	.001	0	%100
131	SF1-TH	Z	0	0	0	%100
132	SF2-TH	Z	.001	.001	0	%100
133	GSI-1	Z	0	0	0	%100
134	GSI-2	Z	.002	.002	0	%100
135	GSI-3	Z	.002	.002	0	%100
136	K1	Z	.002	.002	0	%100
137	K2	Z	.002	.002	0	%100
138	K3	Z	.002	.002	0	%100
139	K4	Z	.002	.002	0	%100
140	K5	Z	.002	.002	0	%100
141	K6	Z	.002	.002	0	%100
142	MF1	Z	.001	.001	0	%100
143	MF2	Z	0	0	0	%100
144	MF3	Z	.001	.001	0	%100
145	MP-1	Z	.001	.001	0	%100
146	MP-2	Z	.001	.001	0	%100
147	MP-3	Z	.001	.001	0	%100
148	MP-4	Z	.001	.001	0	%100

Member Distributed Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
149	MP-5	Z	.001	.001	0	%100
150	MP-6	Z	.001	.001	0	%100
151	MP-7	Z	.001	.001	0	%100
152	MP-8	Z	.001	.001	0	%100
153	MP-9	Z	.001	.001	0	%100
154	MP-10	Z	.001	.001	0	%100
155	MP-11	Z	.001	.001	0	%100
156	MP-12	Z	.001	.001	0	%100
157	MP-13	Z	.001	.001	0	%100
158	MP-14	Z	.001	.001	0	%100
159	MP-15	Z	.001	.001	0	%100
160	PL-1	Z	.003	.003	0	%100
161	PL-2	Z	.003	.003	0	%100
162	PL-3	Z	.003	.003	0	%100
163	PL-4	Z	.003	.003	0	%100
164	PL-5	Z	.003	.003	0	%100
165	PL-6	Z	.003	.003	0	%100
166	SA-1	Z	.001	.001	0	%100
167	SA-2	Z	.000712	.000712	0	%100
168	SA-3	Z	.00075	.00075	0	%100

Member Distributed Loads (BLC 39 : BLC 1 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	FFTH	Y	2.372e-5	-.004	12.9	13.617
2	FFTH	Y	-.004	-.007	13.617	14.333
3	M104	Y	-.001	-.004	0	.667
4	FFTH	Y	-.006	-.007	0	2.048
5	FFTH	Y	-.007	-.008	2.048	4.095
6	FFTH	Y	-.008	-.01	4.095	6.143
7	FFTH	Y	-.01	-.01	6.143	8.19
8	FFTH	Y	-.01	-.008	8.19	10.238
9	FFTH	Y	-.008	-.008	10.238	12.286
10	FFTH	Y	-.008	-.006	12.286	14.333
11	GSI-1	Y	-.005	-.012	0	.756
12	GSI-1	Y	-.012	-.008	.756	1.511
13	GSI-1	Y	-.008	-.0005136	1.511	2.267
14	GSI-2	Y	-.005	-.011	0	.756
15	GSI-2	Y	-.011	-.007	.756	1.511
16	GSI-2	Y	-.007	-.0004893	1.511	2.267
17	FFTH	Y	-.005	-.005	0	.478
18	FFTH	Y	-.005	-.003	.478	.956
19	FFTH	Y	-.003	1.84e-5	.956	1.433
20	M102	Y	-.019	-.019	.447	.497
21	SF1-TH	Y	-.007	-.004	0	.717
22	SF1-TH	Y	-.004	2.337e-5	.717	1.433
23	M102	Y	-.001	-.004	0	.667
24	SF1-TH	Y	-.006	-.008	0	2.048
25	SF1-TH	Y	-.008	-.008	2.048	4.095
26	SF1-TH	Y	-.008	-.01	4.095	6.143
27	SF1-TH	Y	-.01	-.01	6.143	8.19
28	SF1-TH	Y	-.01	-.007	8.19	10.238

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Distributed Loads (BLC 39 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
29	SF1-TH	Y	-.007	-.007	10.238	12.286
30	SF1-TH	Y	-.007	-.006	12.286	14.333
31	GSI-2	Y	-.0005135	-.008	3.4	4.156
32	GSI-2	Y	-.008	-.012	4.156	4.911
33	GSI-2	Y	-.012	-.005	4.911	5.667
34	GSI-3	Y	-.000452	-.008	3.4	4.156
35	GSI-3	Y	-.008	-.012	4.156	4.911
36	GSI-3	Y	-.012	-.007	4.911	5.667
37	SF1-TH	Y	1.84e-5	-.003	12.9	13.378
38	SF1-TH	Y	-.003	-.005	13.378	13.856
39	SF1-TH	Y	-.005	-.005	13.856	14.333
40	M103	Y	-.019	-.019	.17	.219
41	SF2-TH	Y	-.007	-.004	0	.717
42	SF2-TH	Y	-.004	2.337e-5	.717	1.433
43	M103	Y	-.001	-.004	0	.667
44	SF2-TH	Y	-.006	-.008	0	2.048
45	SF2-TH	Y	-.008	-.008	2.048	4.095
46	SF2-TH	Y	-.008	-.01	4.095	6.143
47	SF2-TH	Y	-.01	-.01	6.143	8.19
48	SF2-TH	Y	-.01	-.008	8.19	10.238
49	SF2-TH	Y	-.008	-.007	10.238	12.286
50	SF2-TH	Y	-.007	-.006	12.286	14.333
51	GSI-1	Y	-.0004894	-.007	3.4	4.156
52	GSI-1	Y	-.007	-.011	4.156	4.911
53	GSI-1	Y	-.011	-.005	4.911	5.667
54	GSI-3	Y	-.007	-.013	0	.756
55	GSI-3	Y	-.013	-.008	.756	1.511
56	GSI-3	Y	-.008	-.0004731	1.511	2.267
57	SF2-TH	Y	1.84e-5	-.003	12.9	13.378
58	SF2-TH	Y	-.003	-.005	13.378	13.856
59	SF2-TH	Y	-.005	-.005	13.856	14.333
60	M104	Y	-.019	-.019	.447	.497

Member Distributed Loads (BLC 40 : BLC 18 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
1	FFTH	Y	1.169e-5	-.002	12.9	13.617
2	FFTH	Y	-.002	-.004	13.617	14.333
3	M104	Y	-.0006421	-.002	0	.667
4	FFTH	Y	-.003	-.004	0	2.048
5	FFTH	Y	-.004	-.004	2.048	4.095
6	FFTH	Y	-.004	-.005	4.095	6.143
7	FFTH	Y	-.005	-.005	6.143	8.19
8	FFTH	Y	-.005	-.004	8.19	10.238
9	FFTH	Y	-.004	-.004	10.238	12.286
10	FFTH	Y	-.004	-.003	12.286	14.333
11	GSI-1	Y	-.003	-.006	0	.756
12	GSI-1	Y	-.006	-.004	.756	1.511
13	GSI-1	Y	-.004	-.0002568	1.511	2.267
14	GSI-2	Y	-.003	-.006	0	.756
15	GSI-2	Y	-.006	-.004	.756	1.511
16	GSI-2	Y	-.004	-.0002446	1.511	2.267

Member Distributed Loads (BLC 40 : BLC 18 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,...	Start Location[ft,%]	End Location[ft,%]
17	FFTH	Y	-.003	-.003	0	.478
18	FFTH	Y	-.003	-.001	.478	.956
19	FFTH	Y	-.001	9.202e-6	.956	1.433
20	M102	Y	-.009	-.009	.447	.497
21	SF1-TH	Y	-.004	-.002	0	.717
22	SF1-TH	Y	-.002	1.866e-6	.717	1.433
23	M102	Y	-.0004402	-.002	0	.667
24	SF1-TH	Y	-.003	-.004	0	2.048
25	SF1-TH	Y	-.004	-.004	2.048	4.095
26	SF1-TH	Y	-.004	-.005	4.095	6.143
27	SF1-TH	Y	-.005	-.005	6.143	8.19
28	SF1-TH	Y	-.005	-.004	8.19	10.238
29	SF1-TH	Y	-.004	-.004	10.238	12.286
30	SF1-TH	Y	-.004	-.003	12.286	14.333
31	GSI-2	Y	-.0002568	-.004	3.4	4.156
32	GSI-2	Y	-.004	-.006	4.156	4.911
33	GSI-2	Y	-.006	-.003	4.911	5.667
34	GSI-3	Y	-.000226	-.004	3.4	4.156
35	GSI-3	Y	-.004	-.006	4.156	4.911
36	GSI-3	Y	-.006	-.003	4.911	5.667
37	SF1-TH	Y	9.202e-6	-.001	12.9	13.378
38	SF1-TH	Y	-.001	-.003	13.378	13.856
39	SF1-TH	Y	-.003	-.003	13.856	14.333
40	M103	Y	-.009	-.009	.17	.219
41	SF2-TH	Y	-.004	-.002	0	.717
42	SF2-TH	Y	-.002	1.186e-5	.717	1.433
43	M103	Y	-.0006423	-.002	0	.667
44	SF2-TH	Y	-.003	-.004	0	2.048
45	SF2-TH	Y	-.004	-.004	2.048	4.095
46	SF2-TH	Y	-.004	-.005	4.095	6.143
47	SF2-TH	Y	-.005	-.005	6.143	8.19
48	SF2-TH	Y	-.005	-.004	8.19	10.238
49	SF2-TH	Y	-.004	-.004	10.238	12.286
50	SF2-TH	Y	-.004	-.003	12.286	14.333
51	GSI-1	Y	-.0002447	-.004	3.4	4.156
52	GSI-1	Y	-.004	-.006	4.156	4.911
53	GSI-1	Y	-.006	-.003	4.911	5.667
54	GSI-3	Y	-.003	-.006	0	.756
55	GSI-3	Y	-.006	-.004	.756	1.511
56	GSI-3	Y	-.004	-.0002366	1.511	2.267
57	SF2-TH	Y	9.202e-6	-.001	12.9	13.378
58	SF2-TH	Y	-.001	-.003	13.378	13.856
59	SF2-TH	Y	-.003	-.003	13.856	14.333
60	M104	Y	-.009	-.009	.447	.497

Member Area Loads (BLC 1 : Dead)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N33A	N155A	N169	N167	Y	Two Way	-.012
2	N176	N178	N181	N177	Y	Two Way	-.012
3	N168	N172	N156A	N34A	Y	Two Way	-.012

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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Member Area Loads (BLC 1 : Dead) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
4	N170	N172	N156A	N37	Y	Two Way	-.012
5	N179	N177	N175	N182	Y	Two Way	-.012
6	N171	N166	N154A	N38	Y	Two Way	-.012
7	N166	N173	N41	N154A	Y	Two Way	-.012
8	N180	N175	N176	N183	Y	Two Way	-.012
9	N174	N169	N155A	N42	Y	Two Way	-.012

Member Area Loads (BLC 18 : Ice Weight)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N155A	N169	N167	N33A	Y	Two Way	-.006
2	N176	N178	N181	N177	Y	Two Way	-.006
3	N172	N168	N34A	N156A	Y	Two Way	-.006
4	N170	N172	N186	N37	Y	Two Way	-.006
5	N179	N177	N175	N182	Y	Two Way	-.006
6	N171	N166	N154A	N38	Y	Two Way	-.006
7	N166	N154A	N41	N173	Y	Two Way	-.006
8	N180	N175	N176	N183	Y	Two Way	-.006
9	N174	N169	N155A	N42	Y	Two Way	-.006

Envelope Joint Reactions

	Joint		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	SA2	max	1.594	14	3.245	23	2.413	24	4.404	23	.792	22	2.517	24
2		min	-1.642	22	-1.868	15	-2.379	16	-2.441	15	-.754	14	-1.443	16
3	SA3	max	2.85	18	3.303	18	.458	27	.362	6	.871	22	2.757	10
4		min	-2.741	10	-1.803	10	-.43	3	-.395	30	-.833	14	-5.173	18
5	SA1	max	1.64	6	3.261	29	2.468	4	2.377	5	.783	22	2.554	29
6		min	-1.666	30	-1.8	5	-2.551	28	-4.416	29	-.744	14	-1.353	5
7	N237	max	2.203	34	.968	34	.795	20	0	22	0	22	.002	26
8		min	.01	10	.062	10	-.72	12	0	14	0	14	-.002	2
9	N240	max	.332	3	.967	45	.269	6	.001	21	0	33	.001	12
10		min	-1.219	27	.066	5	-1.972	47	-.001	13	0	9	-.001	20
11	N243	max	.492	17	.968	39	1.874	38	.002	7	0	28	0	25
12		min	-1.486	25	.06	15	-.096	14	-.002	31	0	4	0	17
13	Totals:	max	6.433	2	7.118	39	6.273	6						
14		min	-6.433	26	2.915	14	-6.273	30						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Ch...	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
1	CH-15	C4X6.25	.743	1.13	31	.167	1.938	y	30	8.861	59.616	1.35	6.885	...	H1-1b
2	CH-13	C4X6.25	.721	1.13	20	.168	1.937	y	20	8.861	59.616	1.35	6.885	...	H1-1b
3	CH-14	C4X6.25	.721	1.13	22	.163	1.938	y	22	8.861	59.616	1.35	6.885	...	H1-1b
4	CH-10	C4X6.25	.694	1.13	26	.157	1.937	y	25	8.861	59.616	1.35	6.885	...	H1-1b
5	CH-11	C4X6.25	.675	1.13	33	.156	1.937	y	33	8.861	59.616	1.35	6.885	...	H1-1b
6	CH-12	C4X6.25	.675	1.13	27	.153	1.937	y	27	8.861	59.616	1.35	6.885	...	H1-1b
7	SF1-TH	PIPE_2....	.673	14.333	7	.467	4.628		28	2.642	33.924	2.006	2.006	...	H1-1a
8	SF2-TH	PIPE_2....	.667	14.333	2	.461	4.628		23	2.642	33.924	2.006	2.006	...	H1-1a
9	FFTH	PIPE_2....	.664	0	13	.459	9.705		18	2.642	33.924	2.006	2.006	...	H1-1a
10	MP-12	PIPE_2....	.633	4	29	.116	4		27	14.71	33.924	2.006	2.006	...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Ch...	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M.....	Eqn
11	MF1	PIPE_2.5	.628	5.328	22	.071	10.818		18	2.147	50.715	3.596	3.596	H1-1a
12	MF2	PIPE_2.5	.627	5.328	32	.071	10.818		29	2.147	50.715	3.596	3.596	H1-1a
13	MP-4	PIPE_2....	.620	4	18	.119	4		33	14.71	33.924	2.006	2.006	H1-1b
14	MF3	PIPE_2.5	.602	5.328	27	.071	10.818		23	2.147	50.715	3.596	3.596	H1-1a
15	MP-3	PIPE_2....	.597	4	26	.113	5.5		39	14.71	33.924	2.006	2.006	H1-1b
16	MP-7	PIPE_2....	.580	4	31	.110	5.5		43	14.71	33.924	2.006	2.006	H1-1b
17	MP-11	PIPE_2....	.580	4	21	.115	5.5		33	14.71	33.924	2.006	2.006	H1-1b
18	MP-8	PIPE_2....	.568	4	31	.120	4		22	14.71	33.924	2.006	2.006	H1-1b
19	MP-1	PIPE_2....	.558	4	21	.124	4		21	14.71	33.924	2.006	2.006	H1-1b
20	MP-9	PIPE_2....	.551	4	31	.124	4		31	14.71	33.924	2.006	2.006	H1-1b
21	MP-5	PIPE_2....	.543	4	26	.122	4		26	14.71	33.924	2.006	2.006	H1-1b
22	SA-3	PIPE_4.0	.503	0	18	.124	0		33	87.702	93.24	10.631	10.631	H1-1b
23	ANG-17	L2x2x4	.497	.833	31	.124	.417	y	30	29.529	30.586	.691	1.577	H2-1
24	SA-1	PIPE_4.0	.495	0	29	.122	0		28	87.702	93.24	10.631	10.631	H1-1b
25	SA-2	PIPE_4.0	.494	0	23	.122	0		22	87.702	93.24	10.631	10.631	H1-1b
26	ANG-9	L2x2x4	.489	.833	20	.123	.417	y	20	29.529	30.586	.691	1.577	H2-1
27	ANG-1	L2x2x4	.463	.833	26	.116	.417	y	25	29.529	30.586	.691	1.577	H2-1
28	GSI-2	HSS3X3...	.443	3.247	23	.128	3.247	y	20	27.253	78.246	6.796	6.796	H1-1b
29	GSI-1	HSS3X3...	.443	2.42	28	.124	2.42	y	25	27.253	78.246	6.796	6.796	H1-1b
30	GSI-3	HSS3X3...	.441	2.42	18	.127	2.42	y	30	27.253	78.246	6.796	6.796	H1-1b
31	PL-5	PL6x3/8	.329	.667	22	.318	.167	y	30	54.684	72.9	.57	9.113	H1-1b
32	PL-6	PL6x3/8	.323	.667	22	.315	.167	y	22	54.684	72.9	.57	9.113	H1-1b
33	PL-3	PL6x3/8	.321	.667	28	.299	.167	y	20	54.684	72.9	.57	9.113	H1-1b
34	PL-2	PL6x3/8	.307	.667	33	.291	.667	y	25	54.684	72.9	.57	9.113	H1-1b
35	MP-6	PIPE_2....	.303	5.5	19	.116	5.5		21	30.163	33.924	2.006	2.006	H1-1b
36	MP-2	PIPE_2....	.301	5.5	30	.115	5.5		31	30.163	33.924	2.006	2.006	H1-1b
37	PL-1	PL6x3/8	.298	.667	33	.292	.167	y	33	54.684	72.9	.57	9.113	H1-1b
38	PL-4	PL6x3/8	.298	.667	20	.294	.667	y	28	54.684	72.9	.57	8.79	H1-1b
39	ANG-21	L2x2x4	.291	.417	33	.074	.417	y	31	29.529	30.586	.691	1.577	H2-1
40	MP-10	PIPE_2....	.287	5.5	25	.114	5.5		26	30.163	33.924	2.006	2.006	H1-1b
41	ANG-13	L2x2x4	.286	.417	22	.071	.417	y	20	29.529	30.586	.691	1.577	H2-1
42	ANG-5	L2x2x4	.284	.417	30	.070	.417	y	26	29.529	30.586	.691	1.577	H2-1
43	CH-9	C4X6.25	.268	1.729	31	.068	1.729	y	19	38.163	59.616	1.35	6.885	H1-1b
44	K5	L2.5x2.5...	.267	3.114	42	.016	0	y	30	8.823	29.192	.873	1.523	H2-1
45	CH-3	C4X6.25	.263	1.729	26	.069	1.729	y	30	38.163	59.616	1.35	6.885	H1-1b
46	CH-6	C4X6.25	.263	1.729	21	.068	1.729	y	33	38.163	59.616	1.35	6.885	H1-1b
47	K3	L2.5x2.5...	.261	3.114	47	.017	6.101	y	20	8.823	29.192	.873	1.523	H2-1
48	K1	L2.5x2.5...	.260	3.114	36	.016	6.101	y	25	8.823	29.192	.873	1.523	H2-1
49	K4	L2.5x2.5...	.251	3.114	42	.014	6.101	z	30	8.823	29.192	.873	1.523	H2-1
50	K6	L2.5x2.5...	.244	3.114	37	.014	6.101	z	25	8.823	29.192	.873	1.523	H2-1
51	K2	L2.5x2.5...	.242	3.114	49	.014	0	z	19	8.823	29.192	.873	1.523	H2-1
52	CH-4	C4X6.25	.195	2.011	31	.036	1.718	y	23	51.269	59.616	1.35	6.885	H1-1b
53	CH-8	C4X6.25	.187	0	32	.035	.293	y	29	51.269	59.616	1.35	6.885	H1-1b
54	CH-7	C4X6.25	.186	2.011	26	.036	1.718	y	18	51.269	59.616	1.35	6.885	H1-1b
55	CH-1	C4X6.25	.184	2.011	21	.036	1.718	y	29	51.269	59.616	1.35	6.885	H1-1b
56	CH-5	C4X6.25	.183	1.278	22	.036	.293	y	18	51.269	59.616	1.35	6.885	H1-1b
57	CP-5	PL8x3/8	.182	.583	23	.706	.583	y	31	36.754	97.2	.759	16.2	H1-1b
58	CP-1	PL8x3/8	.181	.583	18	.704	.583	y	26	36.754	97.2	.759	16.2	H1-1b
59	CP-3	PL8x3/8	.179	.583	29	.710	.583	y	21	36.754	97.2	.759	16.2	H1-1b
60	CH-2	C4X6.25	.178	0	26	.035	.293	y	24	51.269	59.616	1.35	6.885	H1-1b
61	ANG-19	L2x2x4	.167	1.047	18	.025	1.047	y	18	24.495	30.586	.691	1.577	H2-1
62	ANG-23	L2x2x4	.167	1.047	18	.023	1.047	z	18	24.495	30.586	.691	1.577	H2-1

Company : Tower Engineering Professionals, Inc.
Designer : SJL
Job Number : 25647.296680
Model Name : CCI BU No. 876379

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

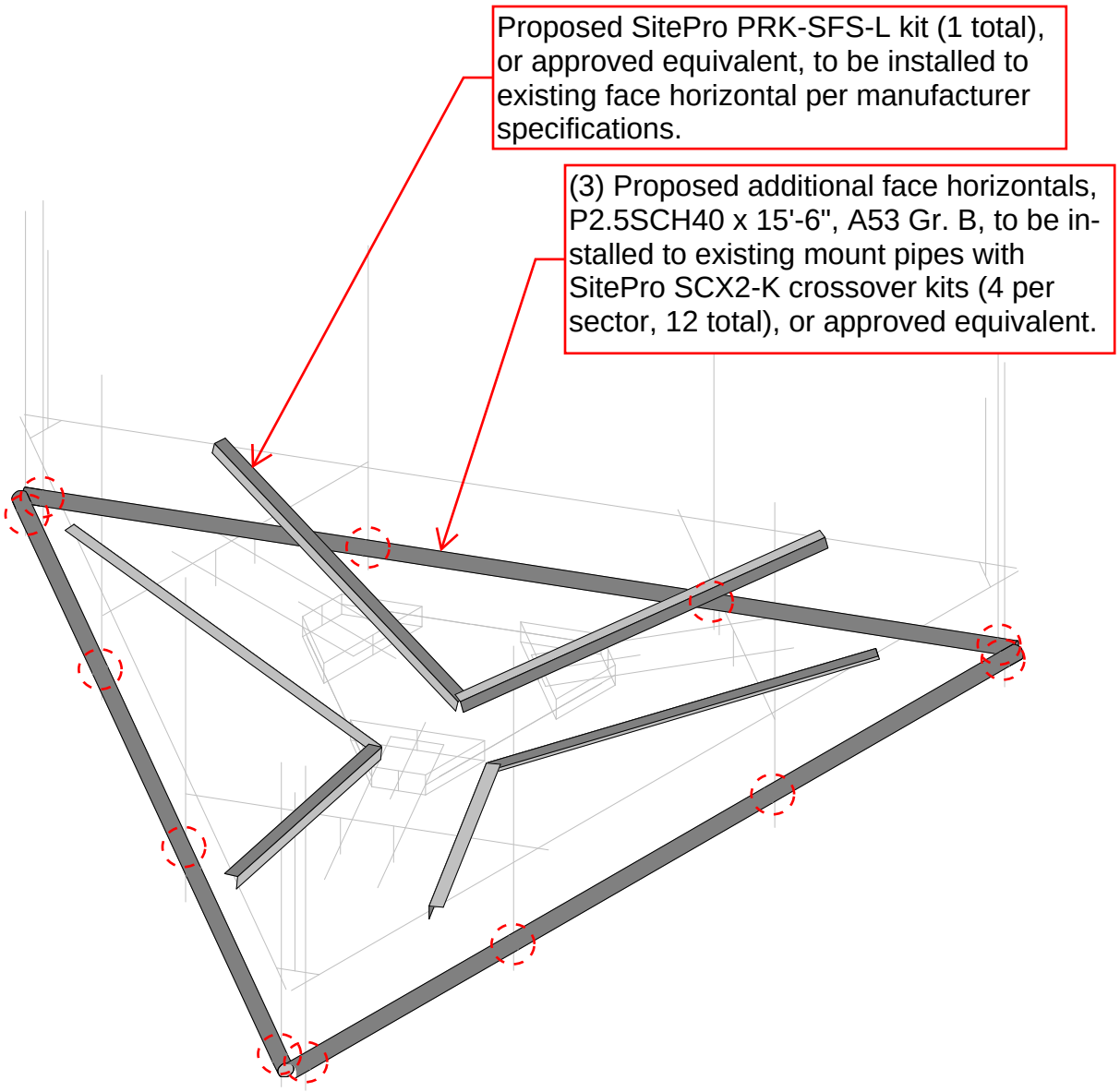
	Member	Shape	Code Check	Loc[ft]	LC	Shear Ch...	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M.....	Eqn
63	ANG-15	L2x2x4	.158	1.047	23	.023	1.025	z	23	24.495	30.586	.691	1.577	H2-1
64	ANG-3	L2x2x4	.157	1.047	29	.024	1.069	y	28	24.495	30.586	.691	1.577	H2-1
65	ANG-7	L2x2x4	.156	1.047	29	.023	1.047	z	28	24.495	30.586	.691	1.577	H2-1
66	ANG-11	L2x2x4	.155	1.047	23	.025	1.047	y	23	24.495	30.586	.691	1.577	H2-1
67	CP-6	PL8x3/8	.129	.292	23	.539	.583	y	31	36.754	97.2	.759	16.2	H1-1b
68	CP-4	PL8x3/8	.128	.292	29	.540	.583	y	21	36.754	97.2	.759	16.2	H1-1b
69	CP-2	PL8x3/8	.125	.292	18	.530	.583	y	26	36.754	97.2	.759	16.2	H1-1b
70	ANG-22	L2x2x4	.117	.617	33	.008	0	y	31	28.219	30.586	.691	1.577	H2-1
71	ANG-6	L2x2x4	.116	.617	28	.008	0	y	26	28.22	30.586	.691	1.577	H2-1
72	ANG-16	L2x2x4	.115	.617	24	.007	0	z	26	28.22	30.586	.691	1.577	H2-1
73	ANG-24	L2x2x4	.114	.617	19	.007	0	z	21	28.219	30.586	.691	1.577	H2-1
74	ANG-8	L2x2x4	.114	.617	30	.007	0	z	31	28.219	30.586	.691	1.577	H2-1
75	ANG-14	L2x2x4	.114	.617	22	.008	0	y	21	28.219	30.586	.691	1.577	H2-1
76	ANG-18	L2x2x4	.098	.657	18	.008	1.261	z	31	28.219	30.586	.691	1.577	H2-1
77	ANG-2	L2x2x4	.098	.67	28	.008	1.261	z	26	28.22	30.586	.691	1.577	H2-1
78	ANG-10	L2x2x4	.097	.657	23	.008	1.261	z	21	28.219	30.586	.691	1.577	H2-1
79	ANG-20	L2x2x4	.097	.657	18	.007	1.261	y	21	28.219	30.586	.691	1.577	H2-1
80	ANG-12	L2x2x4	.096	.67	24	.007	1.261	y	26	28.22	30.586	.691	1.577	H2-1
81	ANG-4	L2x2x4	.096	.657	29	.007	0	y	31	28.219	30.586	.691	1.577	H2-1
82	MP-14	PIPE_2....	.046	3.292	31	.005	3.292		31	19.264	33.924	2.006	2.006	H1-1b
83	MP-15	PIPE_2....	.046	3.292	21	.005	3.292		21	19.264	33.924	2.006	2.006	H1-1b
84	MP-13	PIPE_2....	.046	3.292	26	.005	3.292		26	19.264	33.924	2.006	2.006	H1-1b

Envelope None Cold Formed Steel Code Checks

Member	Shape	Code Check	Loc[ft]	LC	Shea...	Loc[ft]	Dir	LC	Pn[k]	Tn[k]	Mnyy[...	Mnzz[...	Cb	Cmyy	Cmzz	Eqn
No Data to Print ...																

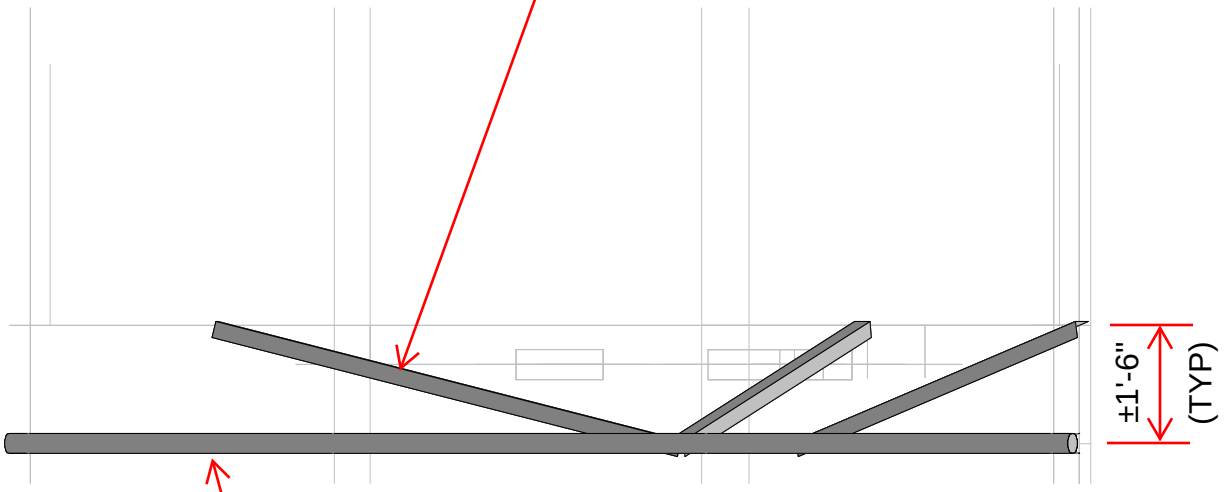
APPENDIX D

MOUNT MODIFICATION DESIGN DRAWINGS



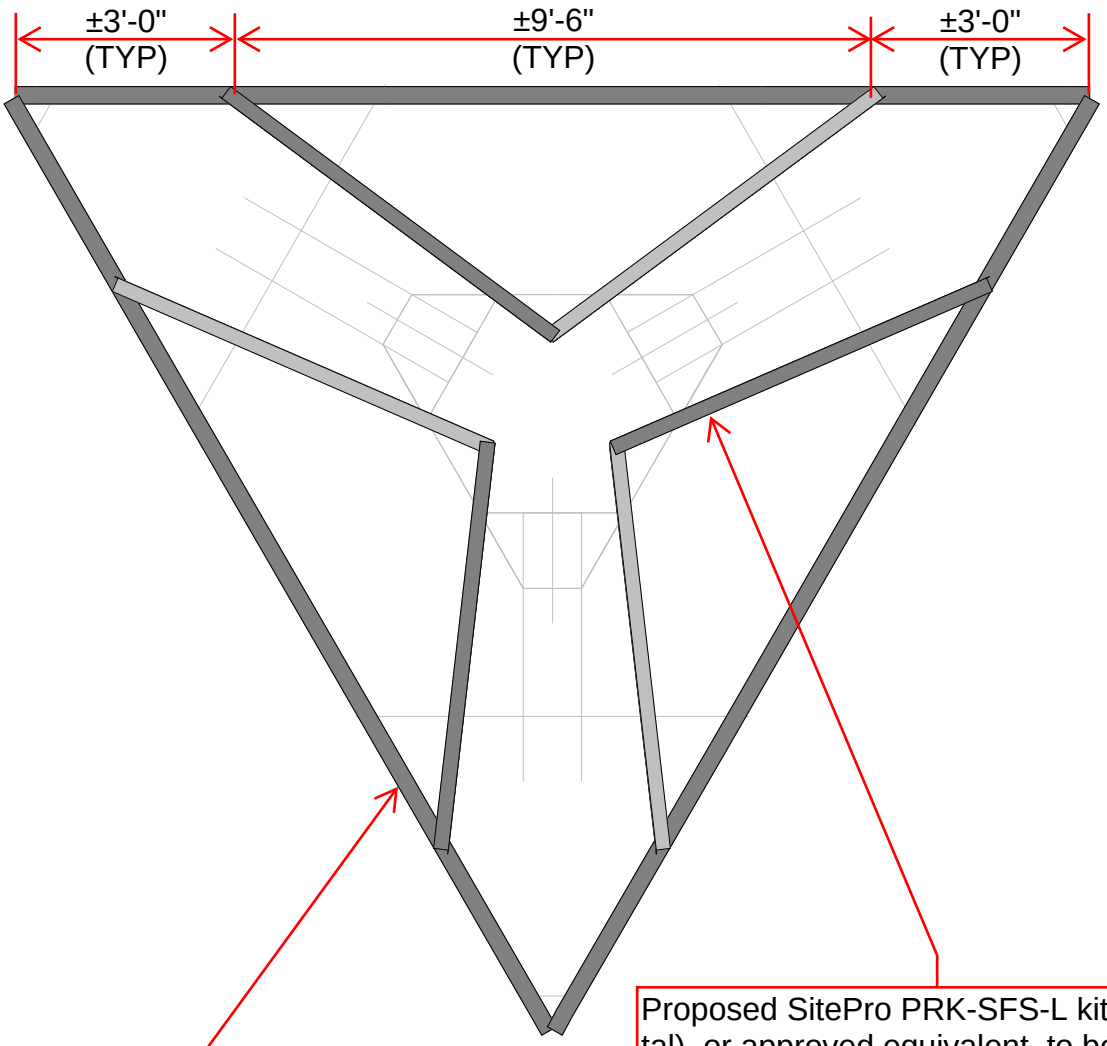
Envelope Only Solution

Tower Engineering Profess...		SK - 6
SJL	CCI BU No. 876379	Sept 10, 2019 at 3:31 PM
25647.296680		CCI BU No. 876379.r3d



Envelope Only Solution

Tower Engineering Profess...	CCI BU No. 876379	SK - 7
SJL		Sept 10, 2019 at 3:31 PM
25647.296680		CCI BU No. 876379.r3d

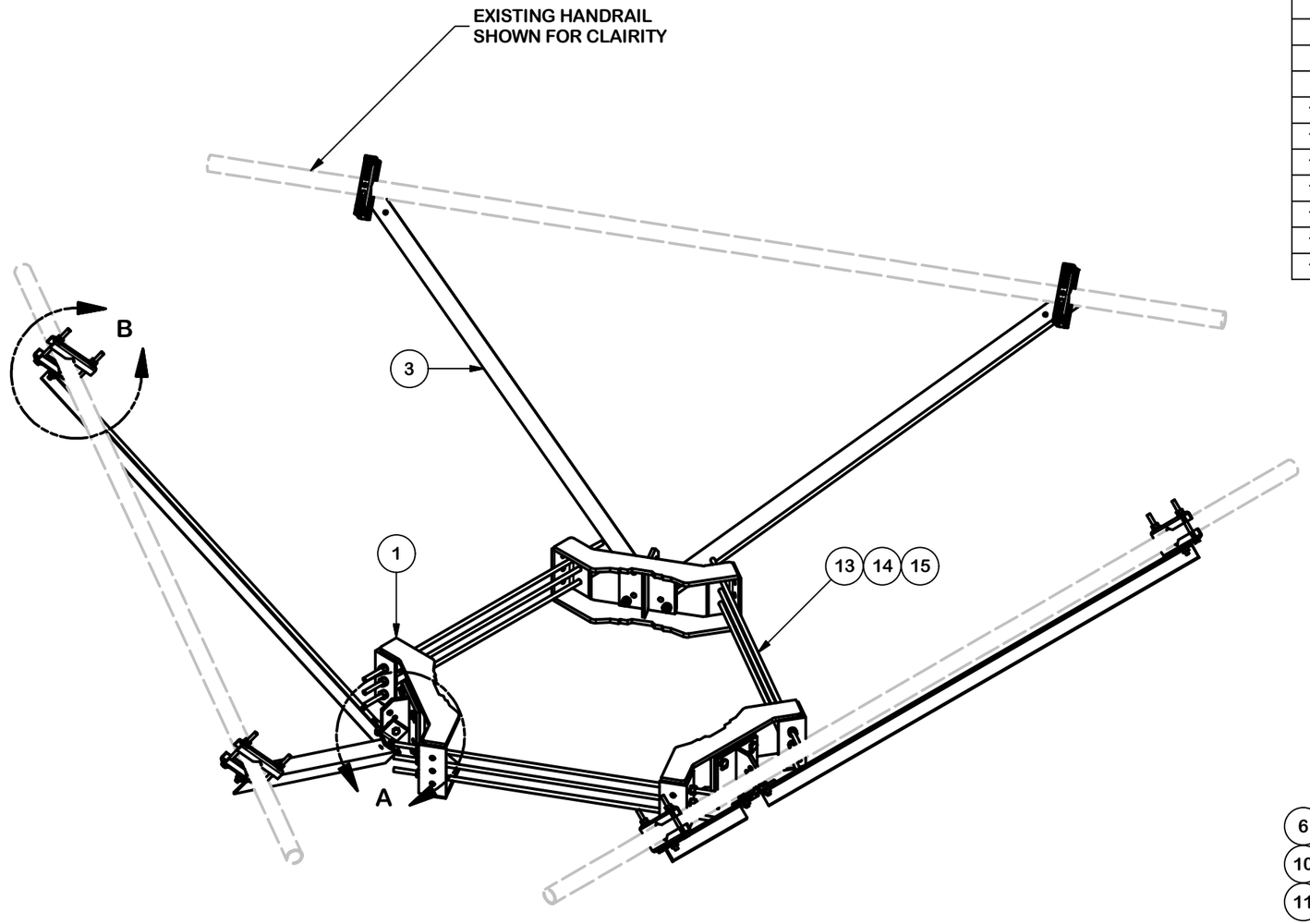


(3) Proposed additional face horizontals, P2.5SCH40 x 15'-6", A53 Gr. B, to be installed to existing mount pipes with SitePro SCX2-K crossover kits (4 per sector, 12 total), or approved equivalent.

Proposed SitePro PRK-SFS-L kit (1 total), or approved equivalent, to be installed to existing face horizontal per manufacturer specifications.

Envelope Only Solution

Tower Engineering Profess...	CCI BU No. 876379	SK - 8
SJL		Sept 10, 2019 at 3:31 PM
25647.296680		CCI BU No. 876379.r3d



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	3	X-TBW	T-BRACKET WELDMENT		13.60	40.80
3	6	X-254924	DIAGONAL ANGLE - SITE PRO 1	72 in	19.71	118.24
4	12	X-STU	STIFF ARM CHANNEL BRACKET	8 1/2 in	1.37	16.46
5	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
6	12	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	1.77
7	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
8	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	4.91
9	24	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.82
10	27	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.38
11	27	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.93
12	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
13	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	0.40	3.59
13	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)	48 in	0.40	3.59
14	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
15	30	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	3.90
					TOTAL WT. #	642.04

DETAIL A

DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

TOLERANCE NOTES

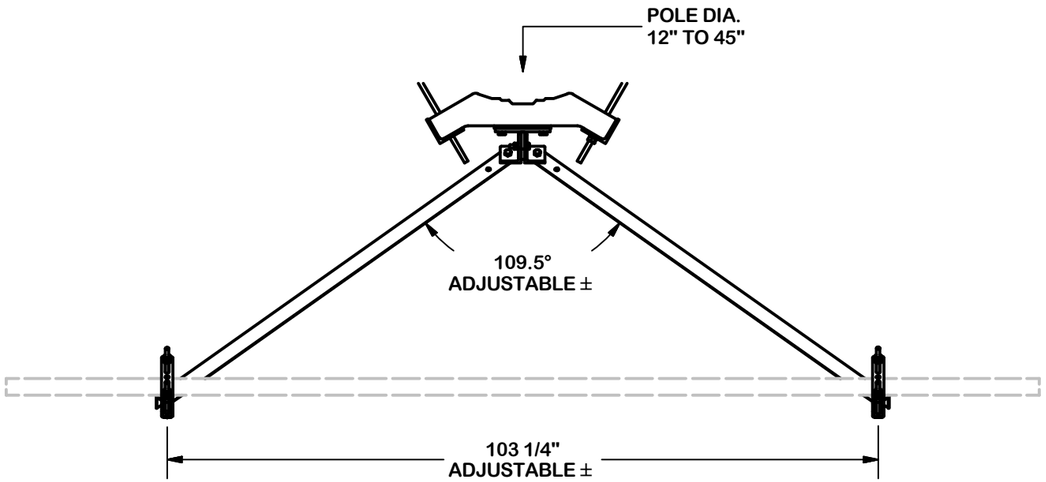
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION: HANDRAIL REINFORCEMENT KIT (LONG)

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
SP1	CSL3 2/23/2017	3RD PARTY	PRK-SFS-L

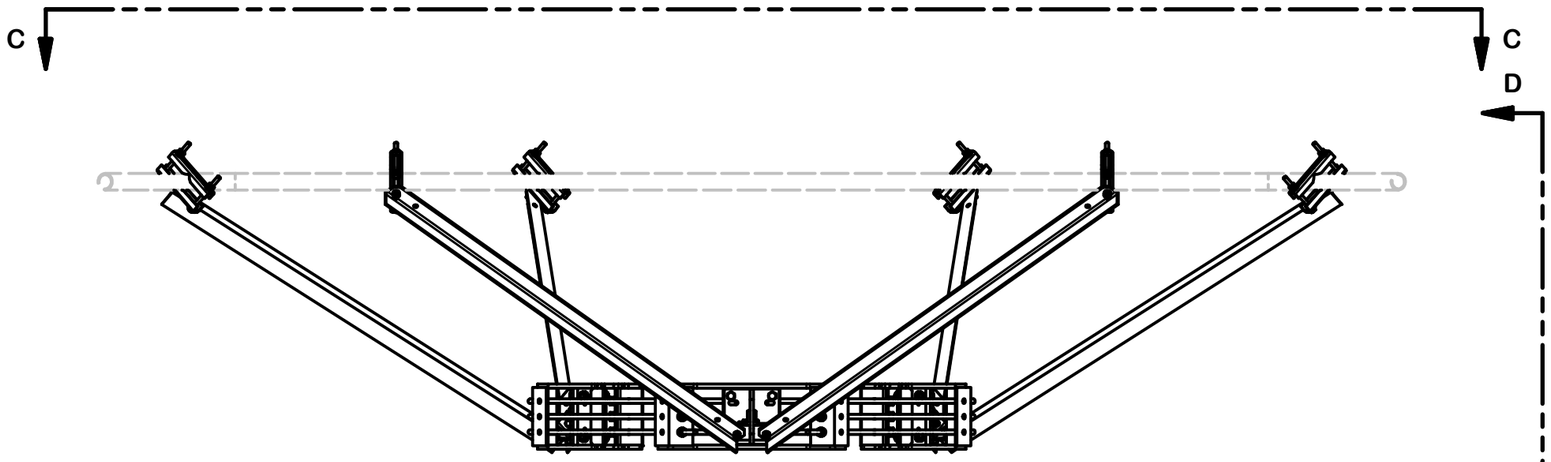
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	SHOP	BMC 9/8/2017	PRK-SFS-L

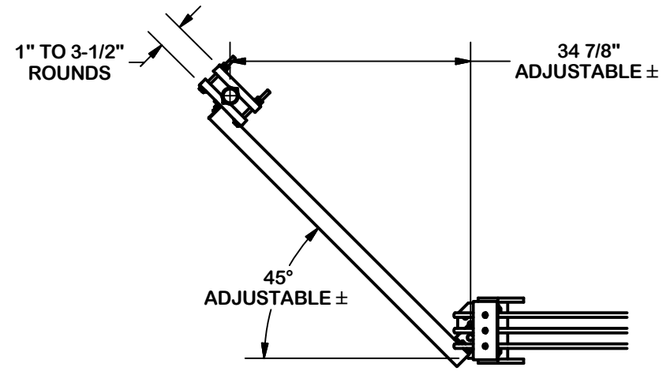
SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX



PARTIAL VIEW C-C

VERTICAL POSITION





PARTIAL VIEW D-D

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

TOLERANCE NOTES

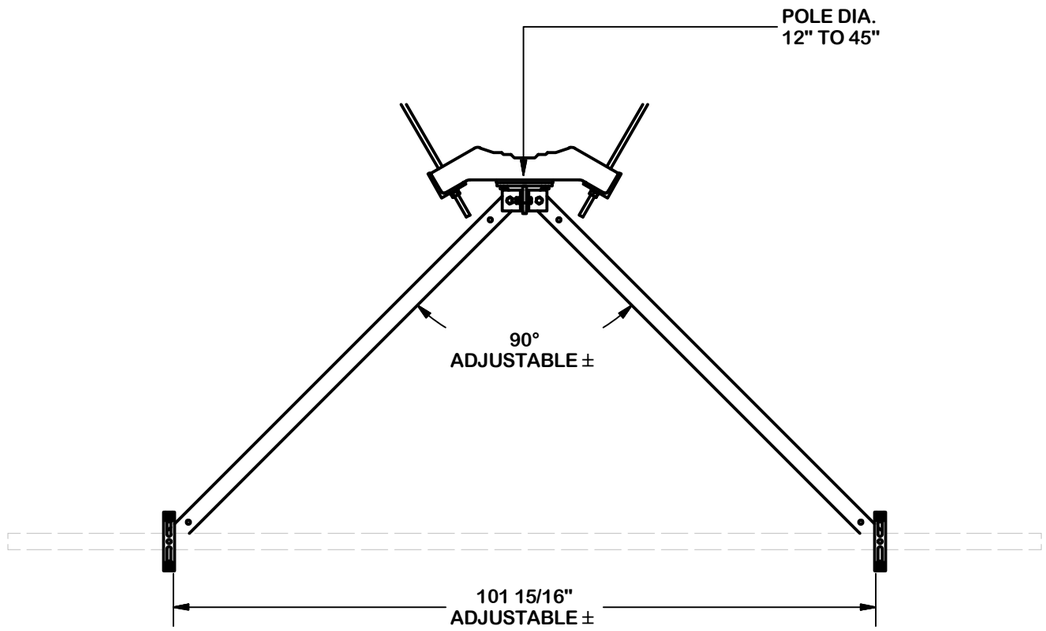
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION: HANDRAIL REINFORCEMENT KIT (LONG)

SITE PRO 1 — A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

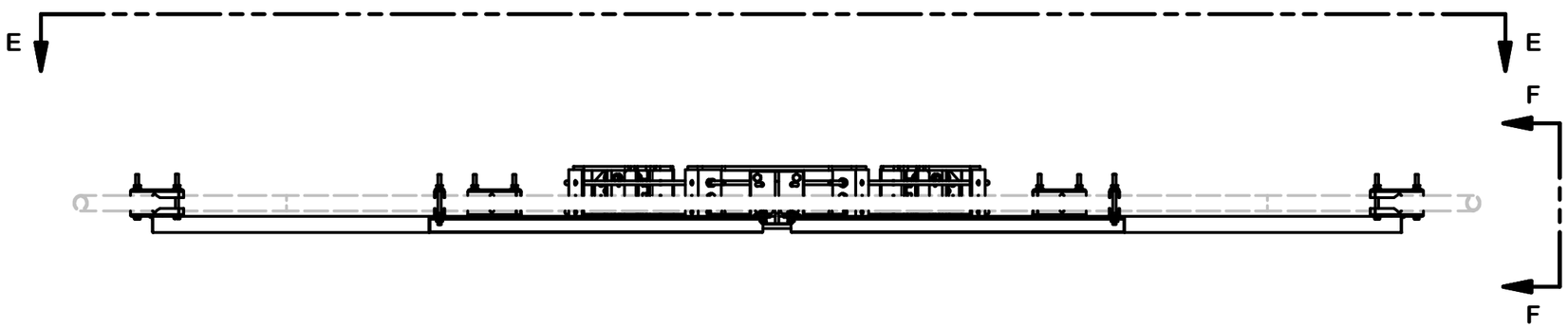
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
SP1	CSL3 2/23/2017	3RD PARTY	PRK-SFS-L

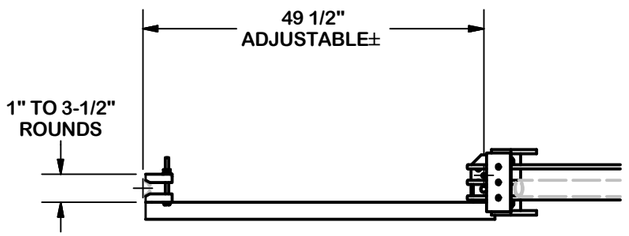
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	SHOP	BMC 9/8/2017	PRK-SFS-L



PARTIAL VIEW E-E

HORIZONTAL POSITION





PARTIAL VIEW F-F

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

DESCRIPTION
HANDRAIL REINFORCEMENT KIT (LONG)

CPD NO.	DRAWN BY	ENG. APPROVAL
SP1	CSL3 2/23/2017	3RD PARTY

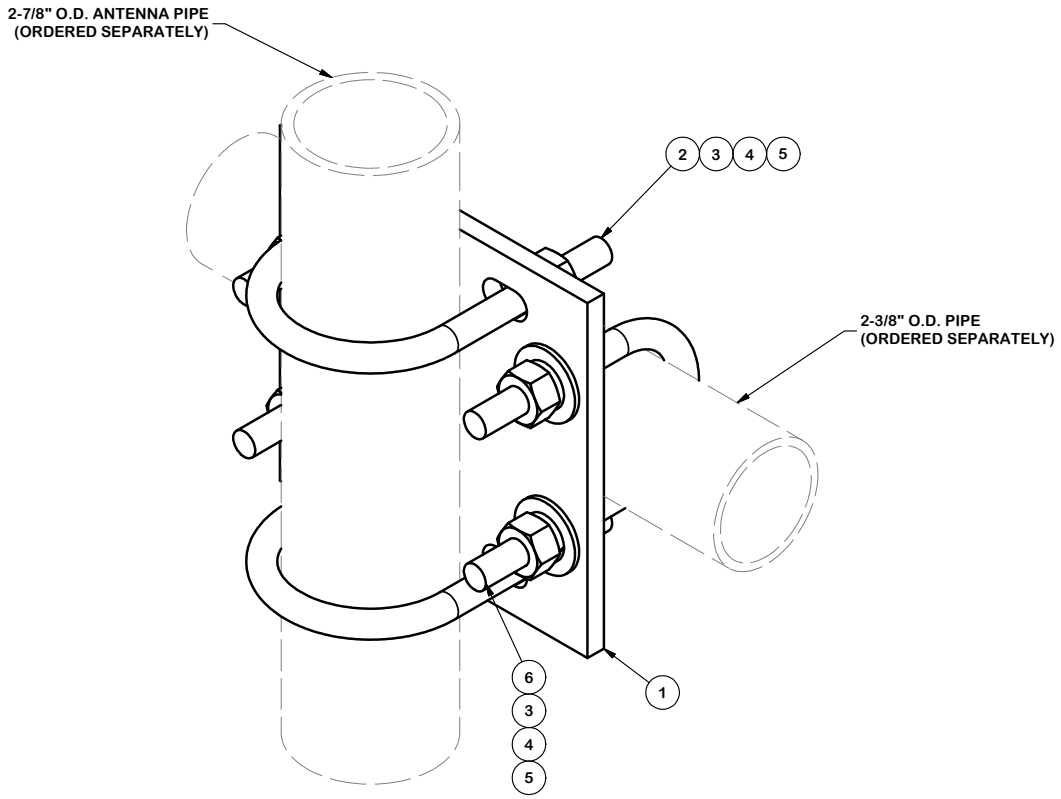
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	02	SHOP	BMC 9/8/2017

SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

PART NO. PRK-SFS-L

DWG. NO. PRK-SFS-L

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX2	CROSSOVER PLATE	7 in	4.80	4.80
2	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.66	1.31
3	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
4	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
5	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
6	2	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	1.25
					TOTAL WT. #	8.39



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION: CROSSOVER PLATE KIT

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 6/30/2011		SCX2-K	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
		SHOP	BMC 7/1/2011	SCX2-K

Exhibit F

Power Density/RF Emissions Report

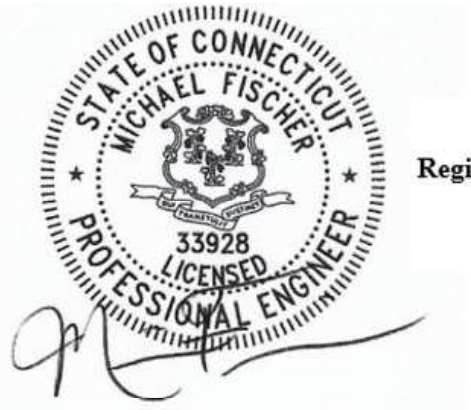
RF EMISSIONS COMPLIANCE REPORT

Crown Castle on behalf of AT&T Mobility, LLC

Crown Castle Site Name: N. WOODBURY / WOLFF PARCEL
Crown Castle Site BU: 876379
AT&T Mobility, LLC Site FA #: 10041788
1440 Main Street North
WOODBURY, CT
10/7/2019

Report Status:

AT&T Mobility, LLC Is Compliant



Michael Fischer, P.E.
Registered Professional Engineer (Electrical)
Connecticut License Number 33928
Expires January 31, 2020

Signed 07 October 2019

Prepared By:

Site Safe, LLC

8618 Westwood Center Drive
Suite 315
Vienna, VA 22182
Voice: 703-276-1100
Fax: 703-276-1169

Engineering Statement in Re:
Electromagnetic Energy Analysis
Crown Castle
WOODBURY, CT

My signature on the cover of this document indicates:

That I am registered as a Professional Engineer in the jurisdiction indicated; and

That I have extensive professional experience in the wireless communications engineering industry; and

That I am an employee of Site Safe, LLC in Vienna, Virginia; and

That I am thoroughly familiar with the Rules and Regulations of the Federal Communications Commission ("the FCC" and "the FCC Rules") both in general and specifically as they apply to the FCC's Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields; and

That the technical information serving as the basis for this report was supplied by Crown Castle (see attached Site Summary and Carrier documents) and that AT&T Mobility, LLC's installation involves communications equipment, antennas and associated technical equipment at a location referred to as "N. WOODBURY / WOLFF PARCEL" ("the site"); and

That AT&T Mobility, LLC proposes to operate at the site with transmit antennas listed in the carrier summary and with a maximum effective radiated power as specified by AT&T Mobility, LLC and shown on the worksheet and that worst-case 100% duty cycle has been assumed; and

That this analysis has been performed with the assumption that the ground immediately surrounding the tower is primarily flat or falling; and

That at this time, the FCC requires that certain licensees address specific levels of radio frequency energy to which workers or members of the public might possibly be exposed (at §1.1307(b) of the FCC Rules); and

That such consideration of possible exposure of humans to radio frequency energy must utilize the standards set by the FCC, which is the federal agency having jurisdiction over communications facilities; and

That the FCC rules define two tiers of permissible exposure guidelines: 1) "uncontrolled environments," which defines situations in which persons may not be aware of (the "general public"), or may not be able to control their exposure to a transmission facility; and 2) "controlled environments," which defines situations in which persons are aware of their potential for exposure (industry personnel); and

That this statement specifically addresses the uncontrolled environment (which is more conservative than the controlled environment) and the limit set forth in the FCC rules for licensees of AT&T Mobility, LLC's operating frequencies as shown on the attached antenna worksheet; and

That when applying the uncontrolled environment standards, the predicted Maximum Power Density at two meters above ground level from the proposed AT&T Mobility, LLC operation is

no more than 3.777% of the maximum permissible exposure limits in any accessible area on the ground; and

That it is understood per FCC Guidelines and OET 65 Appendix A, that regardless of the existent radio frequency environment, only those licensees whose contributions exceed 5% of the exposure limit pertinent to their operation(s) bear any responsibility for bringing any non-compliant area(s) into compliance; and

That when applying the uncontrolled environment standards, the cumulative predicted energy density from the proposed operation is no more than 6.190% of the maximum in any accessible area up to two meters above the ground per OET 65; and

That the calculations provided in this report are based on data provided by the client and antenna pattern data supplied by the antenna manufacturer, in accordance with FCC guidelines listed in OET 65. Horizontal and vertical antenna patterns are combined for modeling purposes to accurately reflect the energy two meters above ground level where on-axis energy refers to maximum energy two meters above the ground along the azimuth of the antenna and where area energy refers to the maximum energy anywhere two meters above the ground regardless of the antenna azimuth, accounting for cumulative energy from multiple antennas for the carrier(s) and frequency range(s) indicated; and

That the Occupational Safety and Health Administration has policies in place which address worker safety in and around communications sites, thus individual companies will be responsible for their employees' training regarding radio frequency safety; and

In summary, it is stated here that the proposed operation at the site will not result in exposure of the public to excessive levels of radio frequency energy as defined in the FCC Rules and Regulations, specifically 47 CFR 1.1307(b), and that AT&T Mobility, LLC's proposed operation is completely compliant.

Finally, it is stated that access to the tower should be restricted to communication industry professionals and approved contractor personnel trained in radio frequency safety and that this instant analysis addresses exposure levels at two meters above ground level and does not address exposure levels on the tower or in the immediate proximity of the antennas.

Crown Castle
N. WOODBURY / WOLFF PARCEL
Site Summary

Carrier	Area Maximum Percentage MPE
AT&T Mobility, LLC	0.121 %
AT&T Mobility, LLC (Proposed)	0.791 %
AT&T Mobility, LLC (Proposed)	0.419 %
AT&T Mobility, LLC (Proposed)	0.383 %
AT&T Mobility, LLC (Proposed)	0.83 %
AT&T Mobility, LLC (Proposed)	0.837 %
AT&T Mobility, LLC (Proposed)	0.396 %
Sprint	0.264 %
Sprint	0.174 %
Sprint	0.174 %
Sprint	0.068 %
Sprint	0.068 %
Town of Woodbury	0.02 %
Town of Woodbury	0.087 %
Verizon Wireless	0.322 %
Verizon Wireless	0.329 %
Verizon Wireless	0.466 %
Verizon Wireless	0.441 %
Composite Site MPE:	6.190 %

AT&T Mobility, LLC
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	850	MHz
Maximum Permissible Exposure (MPE):	566.67	µW/cm^2
Maximum power density at ground level:	0.68509	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.1209	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
Powerwave	7770	119	23	547	0.374653	0.066115	0.588287	0.103815
Powerwave	7770	119	143	547	0.374653	0.066115	0.588287	0.103815
Powerwave	7770	119	263	547	0.374653	0.066115	0.588287	0.103815

AT&T Mobility, LLC (Proposed)
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	2100	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	7.90713	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.79071	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
CCI Antennas	DMP65R-BU6D	119	23	4788	6.2186	0.62186	7.856215	0.785621
CCI Antennas	DMP65R-BU6D	119	143	4788	6.2186	0.62186	7.856215	0.785621
CCI Antennas	DMP65R-BU6D	119	263	4788	6.2186	0.62186	7.856215	0.785621

AT&T Mobility, LLC (Proposed)
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	850	MHz
Maximum Permissible Exposure (MPE):	566.67	µW/cm^2
Maximum power density at ground level:	2.37403	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.41895	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
CCI Antennas	DMP65R-BU6D	119	23	2239	1.250786	0.220727	2.300468	0.405965
CCI Antennas	DMP65R-BU6D	119	143	2239	1.250786	0.220727	2.300468	0.405965
CCI Antennas	DMP65R-BU6D	119	263	2239	1.250786	0.220727	2.300468	0.405965

AT&T Mobility, LLC (Proposed)
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	763	MHz
Maximum Permissible Exposure (MPE):	508.67	µW/cm^2
Maximum power density at ground level:	1.94754	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.38287	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
CCI Antennas	DMP65R-BU6D	119	23	2400	1.339678	0.26337	1.749035	0.343847
CCI Antennas	DMP65R-BU6D	119	143	2400	1.339678	0.26337	1.749035	0.343847
CCI Antennas	DMP65R-BU6D	119	263	2400	1.339678	0.26337	1.749035	0.343847

AT&T Mobility, LLC (Proposed)
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	2300	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	8.3023	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.83023	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
CCI Antennas	DMP65R-BU6D	119	23	2606	8.270671	0.827067	8.270671	0.827067
CCI Antennas	DMP65R-BU6D	119	143	2606	8.270671	0.827067	8.270671	0.827067
CCI Antennas	DMP65R-BU6D	119	263	2606	8.270671	0.827067	8.270671	0.827067

AT&T Mobility, LLC (Proposed)
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	1900	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	8.36817	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.83682	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
CCI Antennas	DMP65R-BU6D	119	23	4075	7.038967	0.703897	8.314479	0.831448
CCI Antennas	DMP65R-BU6D	119	143	4075	7.038967	0.703897	8.314479	0.831448
CCI Antennas	DMP65R-BU6D	119	263	4075	7.038967	0.703897	8.314479	0.831448

AT&T Mobility, LLC (Proposed)
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	737	MHz
Maximum Permissible Exposure (MPE):	491.33	µW/cm^2
Maximum power density at ground level:	1.94754	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.39638	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
CCI Antennas	DMP65R-BU6D	119	23	2400	1.339678	0.272662	1.749035	0.355977
CCI Antennas	DMP65R-BU6D	119	143	2400	1.339678	0.272662	1.749035	0.355977
CCI Antennas	DMP65R-BU6D	119	263	2400	1.339678	0.272662	1.749035	0.355977

Sprint
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	2500	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	2.6381	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.26381	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APXVTM14-C-I20	158	0	6168	0.889675	0.088967	1.683535	0.168353
RFS	APXVTM14-C-I20	158	140	6168	0.889675	0.088967	1.683535	0.168353
RFS	APXVTM14-C-I20	158	260	6168	0.889675	0.088967	1.683535	0.168353

Sprint
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	1990	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	1.73813	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.17381	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APXVSPP18-C-A20	158	0	3804	0.746822	0.074682	1.35693	0.135693
RFS	APXVSPP18-C-A20	158	140	3804	0.746822	0.074682	1.35693	0.135693
RFS	APXVSPP18-C-A20	158	260	3804	0.746822	0.074682	1.35693	0.135693

Sprint
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	1900	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	1.73813	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.17381	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APXVSPP18-C-A20	158	0	3804	0.746822	0.074682	1.35693	0.135693
RFS	APXVSPP18-C-A20	158	140	3804	0.746822	0.074682	1.35693	0.135693
RFS	APXVSPP18-C-A20	158	260	3804	0.746822	0.074682	1.35693	0.135693

Sprint
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	866	MHz
Maximum Permissible Exposure (MPE):	577.33	µW/cm^2
Maximum power density at ground level:	0.3926	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.068	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APXVSPP18-C-A20	158	0	1084	0.307368	0.053239	0.312899	0.054197
RFS	APXVSPP18-C-A20	158	140	1084	0.307368	0.053239	0.312899	0.054197
RFS	APXVSPP18-C-A20	158	260	1084	0.307368	0.053239	0.312899	0.054197

Sprint
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	862	MHz
Maximum Permissible Exposure (MPE):	574.67	µW/cm^2
Maximum power density at ground level:	0.3926	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.06832	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APXVSPP18-C-A20	158	0	1084	0.307368	0.053486	0.312899	0.054449
RFS	APXVSPP18-C-A20	158	140	1084	0.307368	0.053486	0.312899	0.054449
RFS	APXVSPP18-C-A20	158	260	1084	0.307368	0.053486	0.312899	0.054449

Town of Woodbury
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	159	MHz
Maximum Permissible Exposure (MPE):	200	µW/cm^2
Maximum power density at ground level:	0.03916	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.01958	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
SINCLAIR	SC229-SFXLDF	171	0	80	0.03916	0.01958	0.03916	0.01958

Town of Woodbury
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	155	MHz
Maximum Permissible Exposure (MPE):	200	µW/cm^2
Maximum power density at ground level:	0.17371	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.08685	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
TELEWAVE	ANT150D6-9	110	0	80	0.075163	0.037582	0.17371	0.086855

Verizon Wireless
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	751	MHz
Maximum Permissible Exposure (MPE):	500.67	µW/cm^2
Maximum power density at ground level:	1.6127	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.32211	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
Antel	BXA-70063-6CF-2	150	70	3014	1.564053	0.312394	1.60798	0.321168
Antel	BXA-70063-6CF-2	150	210	3014	1.564053	0.312394	1.60798	0.321168
Antel	BXA-70063-6CF-2	150	320	3014	1.564053	0.312394	1.60798	0.321168

Verizon Wireless
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	2100	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	3.29163	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.32916	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
ANDREW	SBNHH-1D65B	150	70	5154	1.954748	0.195475	3.02489	0.302489
ANDREW	SBNHH-1D65B	150	210	5154	1.954748	0.195475	3.02489	0.302489
ANDREW	SBNHH-1D65B	150	320	5154	1.954748	0.195475	3.02489	0.302489

Verizon Wireless
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	1900	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	4.65675	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.46568	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
ANDREW	SBNHH-1D65B	150	70	4583	3.474634	0.347463	4.520006	0.452001
ANDREW	SBNHH-1D65B	150	210	4583	3.474634	0.347463	4.520006	0.452001
ANDREW	SBNHH-1D65B	150	320	4583	3.474634	0.347463	4.520006	0.452001

Verizon Wireless
N. WOODBURY / WOLFF PARCEL
Carrier Summary

Frequency:	850	MHz
Maximum Permissible Exposure (MPE):	566.67	µW/cm^2
Maximum power density at ground level:	2.497	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.44065	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
Antel	LPA-80080-6CF	150	70	4019	1.176398	0.2076	1.830846	0.32309
Antel	LPA-80080-6CF	150	210	4019	1.176398	0.2076	1.830846	0.32309
Antel	LPA-80080-6CF	150	320	4019	1.176398	0.2076	1.830846	0.32309