After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
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.

CROWN CASTLE

1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

August 9th, 2022

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

RE: **Notice of Exempt Modification for Verizon Wireless**
Crown Site ID#876310; Verizon Wireless Site ID#469380
945 East Center Street, Wallingford, CT 06492
Latitude: 41.443711" / Longitude: -72.796267"

Dear Ms. Bachman:

Verizon Wireless currently maintains (15) antennas at the 120-foot mounts on the existing 147-foot Monopole Tower located at **945 East Center Street, Wallingford.** The property is owned by Albert W. Beaumont, and the Tower by Crown Castle. Verizon now intends to replace (9) antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:

Tower:

REMOVE AND REPLACE
(6) Andrew SBNHH-1065B Antennas (**REMOVE**), (6) JMA MXO6FRO660-03 antennas (**REPLACE**)
(3) Antel BXA-171063-12CF-EDIN-5 Antennas (**REMOVE**) (3) Samsung MT6407-77A Antennas **(REPLACE)**
(3) Nokia UHBA B13 RRH (**REMOVE**) (3) Samsung B5/B13 RRH **(REPLACE)**
(3) Nokia UHIE B66A RRH (**REMOVE**) (3) Samsung B2/B66A RRH **(REPLACE)**
(3) Nokia UHFA B25 RRH (**REMOVE**)
(6) RFS – FD96004/2C-3L Diplexers **(REMOVE)**
INSTALL
(3) Dual Antenna Mount Brackets – Commscope – BSAMNT-SBS-1-2

Ground:
N/A

The facility was approved by Town of Wallingford Zoning Board on September 8th, 1997. The approval was 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

CROWN CASTLE

1 Cityplace Dr, Suite 490

Creve Coeur, MO 63141

Phone: (314) 513-0147

www.crowncastle.com

accordance with R.C.S.A. §16-50j-73, a copy of this letter is being sent to the Honorable William W. Dickinson, Jr. - Mayor, Kevin Pagini, Wallingford Town Planner, and property owner, Albert W. Beaumont.

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

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

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

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

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

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

For the foregoing reasons, Verizon Wireless 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).

Sincerely,

Katie Adams
Crown Castle, Agent for Verizon Wireless
kadams@nbcllc.com
(781) 392-7547

CROWN CASTLE

1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

cc:

Honorable William W. Dickinson, Jr. - Mayor
Wallingford Town Hall
45 South Main Street, Room 310
Wallingford, CT 06492

Kevin Pagini, Town Planner
Wallingford Town Hall
45 South Main Street
Wallingford, CT 06492

Albert W. Beaumont
945 East Center Street
Wallingford, CT 06492

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, August 10, 2022 10:08 AM
To: Katie Adams
Subject: FedEx Shipment 777613668764: Your package has been delivered

Hi. Your package was delivered Wed, 08/10/2022 at 10:07am.

Delivered to 45 S MAIN ST ROOM G40, WALLINGFORD, CT 06492
Received by A.TORRE

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777613668764
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	Wallingford Town Hall Kevin Pagini, Town Planner 45 South Main Street WALLINGFORD, CT, US, 06492
REFERENCE	100788 - CSC

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, August 10, 2022 10:06 AM
To: Katie Adams
Subject: FedEx Shipment 777613632226: Your package has been delivered

Hi. Your package was delivered Wed, 08/10/2022 at 10:04am.

Delivered to 45 S MAIN ST ROOM 310, WALLINGFORD, CT 06492
Received by L.MIELE

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777613632226
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	Wallingford Town Hall The Honorable William W. Dickinson, 45 South Main Street Room 310 WALLINGFORD, CT, US, 06492

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, August 10, 2022 9:11 AM
To: Katie Adams
Subject: FedEx Shipment 777613599164: Your package is now out for delivery today

Hi. Your package is now out for delivery today.

ON TIME

SCHEDULED DELIVERY

Wed, 08/10/2022
before 8:00pm

OUT FOR DELIVERY
NORTH HAVEN, CT

MANAGE DELIVERY

TRACKING NUMBER	777613599164
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824

Exhibit A

Original Facility Approval

HARRIS
BEACH &
WILCOX
A LIMITED LIABILITY PARTNERSHIP

ATTORNEYS AT LAW

147 NORTH BROAD STREET
P.O. BOX 112
MILFORD, CONNECTICUT 06460-0112
(203) 877-8000
(203) 878-9800 (FAX)

MEMO

To : Steve Paisner, Sprint Spectrum L.P.
From : Lewis A. Hurwitz, Esq., Harris Beach & Wiclox
Date : 9/9/97
Re : Wallingford, Sites 008 and 009
cc : Steve Crotty, Steve Kotfila, Christine Rosenthal, Jennifer Charland, Scott Chasse, Kate Peabody, Tom Flynn

Please be advised that on September 8, 1997, the Wallingford Zoning Board approved our applications to construct monopoles at Beaumont's Farm and the Suzio property. There were conditions in regard to the Beaumont Farm application, details of which will be supplied in the letter of approval. However, it should be noted that a second row of 20' trees is being required. In addition, the Board reserved the right to inform us as to what color to paint the tower. We should have a response from them in a very short period of time in regard to this issue.

This was a very difficult and hard fight. The Beaumont Farm vote was three to two and without the conditions I do not believe we would have prevailed.

End of Memo

Kotfila, Steve

From: Chasse, Scott
Sent: Monday, September 29, 1997 7:57 AM
To: Rosenthal, Christine
Cc: Kotfila, Steve
Subject: RE: 008 Lawsuit
Importance: High

PostHC is not necessary at this time. Lets accumulate information first.

From: Rosenthal, Christine
Sent: Monday, September 29, 1997 7:47 AM
To: Chasse, Scott
Cc: Charland, Jennifer
Subject: RE: 008 Lawsuit

At the public hearing, the change in the *application* was cited as being our agreement to maintain the trees as screening. Lew Hurwitz pointed out right then and there that that was a private matter and did not affect our *application* as it stood. Is that was you are asking about? You should bring Lew in on dissecting the lawsuit because he would know how defendable each point is. I don't think that we changed the site plan until after the entire application was heard and decided upon. Confirm with Jenn. Shall I organize a Post-Hearing Conference on this one?

From: Chasse, Scott
Sent: Monday, September 29, 1997 7:40 AM
To: Charland, Jennifer; Flynn, Tom; Johnson, Karen; Knuff, John; Rosenthal, Christine
Subject: 008 Lawsuit
Importance: High

One of the items in the lawsuit against us states that our site plan was changed at the Sept. 8, 1997 hearing. Was this due to the tower foundation size being larger than expected and therefore, necessitating that we move the tower within the compound? If so, at who's direction was this done **prior** to getting the zoning approval? Something as mundane as moving the tower within the compound should have waited until after the approval, then **amend** the site plans of record to conform with the realities of construction.

SBA

MEMORANDUM

TO: JEN CHARLAND

FROM: TOM FLYNN

RE: 03-008 BEAUMONT FARM

DATE: SEPT. 10, 1997

AS YOU KNOW, THE ABOVE NOTED SPECIAL PERMIT APPLICATION WAS APPROVED ON MONDAY, SEPTEMBER 8, 1997. THERE ARE SEVERAL CONDITIONS THAT WILL EFFECT THE PROCESS OF OBTAINING A BUILDING PERMIT.

1. THE TOWN HAS REQUIRED A $1000.00 SEDIMENTATION AND EROSION CONTROL BOND. THIS BOND MAY BE IN THE FORM OF CASH, A SURETY BOND OR LETTER OF CREDIT, WHICHEVER IS MOST CONVENIENT FOR SPRINT TO OBTAIN.

2. THE TOWN HAS REQUIRED A REVISED LANDSCAPE PLAN THAT SHOWS A LINE OF EVERGREEN TREES (3 DIFFERENT SPECIES AND AT LEAST 20' TALL AT PLANTING) ON THE PERIMETER OF THE LEASE AREA.

3. I WILL NEED A MYLAR FOR RECORDING AND 5 CLEAN COPIES OF THE PLANS, INCLUDING THE REVISED LANDSCAPE PLANS, FOR DELIVERY TO THE PLANNING OFFICE PRIOR TO ISSUANCE OF THE BUILDING PERMIT.

4. WE CAN MAKE APPLICATION FOR THE BUILDING PERMIT PRIOR THE END OF THE APPEAL PERIOD, BUT WILL NEED THE ABOVE NOTED ITEMS PRIOR TO ANY SIGN OFF BY THE PZC.

C\O
SPRINT PCS 9 BARNES INDUSTRIAL ROAD WALLINGFORD, CT. 06429 203-294-5620

Kotfila, Steve

From: Paisner, Steven
Sent: Thursday, November 20, 1997 2:04 PM
To: Lindblad, Ernest; Kotfila, Steve
Subject: Couple of Items

I spoke to Lew Hurwitz...

1). WESTBROOK - He agrees that any attorney that tries to exclude another attorney (i.e. Westbrook not allowing Lew to attend today) is up to something no good and non attendance is the way to go.

2). WALLINGFORD - Beaumont appeal. KC agrees to stall as long as necessary and make it as tough as possbile/expensive on the citizen appeal. Hence, Lew has filed to transfer the case from Superior court to Federal Distrcit court...probably the first of several such requests. In the meantime, we are on the air...Ok aside from having to pay more legal bills ourselves.

Kotfila, Steve

From: Kotfila, Steve
Sent: Friday, May 22, 1998 7:05 AM
To: Carrozzella, Bill
Cc: Cashin, Julie; Gelinas, Chris
Subject: RE: Wallingford # 008 - Beaumont
Importance: High

So long as this language does not prohibit us from doing a structural replacement. For that to take place there will be a short period where there would be 2 towers in the compound, but only long enough to effect the swap over of antennas, pulling of a demo permit and dismantling of the old tower. 90 days should cover this evolution.

From: Carrozzella, Bill
Sent: Thursday, May 21, 1998 11:03 AM
To: Kotfila, Steve
Cc: Cashin, Julie; Gelinas, Chris
Subject: Wallingford # 008 - Beaumont

In my discussions with Bill Beaumont he has requested that Sprint not install a second tower within the lease area. Please let me know if it is OK to agree to that.

If we do I will have included in the lease amendment that Sprint still retains the right to replace the existing tower even with a taller tower.

Please advise.

PINNACLE
Site Development

Memo

To: Julie Cashin

From: Bill Carrozzella

CC: C. Gelinas; S. Kotfila

Date: May 20, 1998

Re: Wallingford - Beaumont Farm # 008

Julie, I have reviewed the Owner Consent and Lease Amendment for the Bell/SNET sublease. Can you please make the following revisions:

Owner Consent:

Can the references (and exhibits) to the BANM and SNET Subleases be eliminated ? These subleases may not be signed for several weeks or months in the case of Bell. I would like to have the landlord consent finalized ASAP so the additional rent does not go up while we wait for the Bell and SNET agreements to be signed.

Amendment to Lease:

Please add a temporary construction easement to this amendment. Bell and SNET may have to access the site for construction over other land owned by landlord as opposed to the existing access easement afforded Sprint. I'd suggest making this temp construction easement broad such as "Landlord shall grant to Subtenants a temporary access easement for the purposes of installing its equipment. This easement shall allow access to the Site through Landlord's adjacent land surrounding the Site in an area to be mutually agreed upon by Landlord and each Subtenant."

Please let me know if you have any questions.

Thanks for your help.

Exhibit B

Property Card

Property Location: 945 EAST CENTER ST **MAP ID:** 151/ / 98/ / **Bldg Name:** **State Use:** 1010

Vision ID: 1293 **Account #** B0226901 **Bldg #:** 1 of 1 **Sec #:** 1 of 1 **Card** 1 of 3 **Print Date:** 12/02/2016 11:27

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description
Style	03		Colonial
Model	01		Residential
Grade	B		
Stories	2		2 Stories
Occupancy	1		
Exterior Wall 1	14		Wood Shingle
Exterior Wall 2			
Roof Structure	04		Hip
Roof Cover	03		Asphalt
Interior Wall 1	03		Plastered
Interior Wall 2	05		Drywall
Interior Flr 1	12		Hardwood
Interior Flr 2	09		Pine/Soft Wood
Heat Fuel	02		Oil
Heat Type	05		Hot Water
AC Type	01		None
Total Bedrooms	06		6 Bedrooms
Total Bthrms	2		
Total Half Baths	0		
Total Xtra Fixtrs			
Total Rooms	12		
Bath Style	02		Average
Kitchen Style	02		Average
Whirlpool Tub			
Fireplaces	2		

CONSTRUCTION DETAIL (CONTINUED)

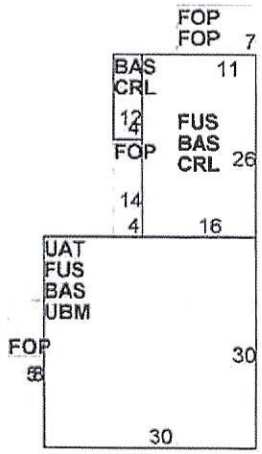
Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
1010	Single Family	100

COST/MARKET VALUATION

Adj. Base Rate:	92.63
	282,052
Net Other Adj:	20,400.00
Replace Cost	302,452
AYB	1840
Dep Code	P
Remodel Rating	
Year Remodeled	
Dep %	49
Functional Obsinc	
External Obsinc	
Cost Trend Factor	
Status	
% Complete	
Overall % Cond	51
Apprais Val	154,300
Dep % Ovr	0
Dep Ovr Comment	
Misc Imp Ovr	0
Misc Imp Ovr Comment	
Cost to Cure Ovr	0
Cost to Cure Ovr Comment	



OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
GRN3	Pipe + Plastic		G5	L	2,400	4.00	1996	C		A	50	4,800
GRN3	Pipe + Plastic		G6	L	2,880	4.00	1996	C		F	30	3,500
IMP	Implement She			L	1,296	6.00	1940	C		A	50	3,900
SHD1	Shed Frame			L	1,008	10.00	1940	C		A	50	5,000
IMP	Implement She			L	840	6.00	1940	C		A	50	2,500
IMP	Implement She			L	720	6.00	1940	C		NV	0	0
IMP	Implement She		IMP 2-POLE I	L	840	6.00	1940	C		NV	0	0
IMP	Implement She			L	1,350	6.00	1940	C		NV	0	0
SHD1	Shed Frame		S7	L	100	10.00	1940	C		NV	0	0

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
BAS	First Floor	1,364	1,364	1,364	92.63	126,345
CRL	Crawl Space	0	464	0	0.00	0
FOP	Porch, Open	0	250	50	18.53	4,631
FUS	Upper Story, Finished	1,316	1,316	1,316	92.63	121,898
UAT	Attic, Unfinished	0	900	135	13.89	12,505
UBM	Basement, Unfinished	0	900	180	18.53	16,673
	Ttl Gross Liv/Lease Area	2,680	5,194	3,045		302,452

Property Location: 945 EAST CENTER ST | MAP ID: 151/ / 98/ / | Bldg Name: | State Use: 1010

Vision ID: 1293 | Account # B0226901 | Bldg #: 1 of 1 | Sec #: 1 of 1 | Card 1 of 3 | Print Date: 12/02/2016 11:27

CURRENT OWNER	TOPO.	UTILITIES	STRT./ROAD	LOCATION
BEAUMONT ALBERT WILLIAM	1 Level	2 Public Water	1 Paved	2 Suburban
945 E CENTER ST				
WALLINGFORD, CT 06492				
Additional Owners:				

SUPPLEMENTAL DATA

Other ID:	024001002	P/Z MAP #	
Census:	1759	ENG MAP #	
Old MBLU		Easement	
TC MAP #		Town Line?	
TC MAP #		IND PARKS	
Record Lot			
GIS ID: 151/98		ASSOC PID#	

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
RES LAND	1-1	110,400	77,300
RES EXCES	1-2	9,700	6,800
DWELLING	1-3	154,300	108,000
RES OUTBL	1-4	780,200	546,200
UTL LAND	4-1	100,000	70,000
FARM LAND	6-1	224,400	12,800
		Total	1,379,000	821,100

6148
WALLINGFORD, CT

VISION

RECORD OF OWNERSHIP	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
BEAUMONT ALBERT WILLIAM	724/ 18	03/13/1992			0	
BEAUMONT ALBERT J JR	626/ 650					

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2015	1-1	77,300	2014	1-1	77,300	2013	1-1	77,300
2015	1-2	6,800	2014	1-2	6,800	2013	1-2	6,800
2015	1-3	108,000	2014	1-3	108,000	2013	1-3	108,000
2015	1-4	546,200	2014	1-4	528,200	2013	1-4	496,100
2015	4-1	70,000	2014	4-1	70,000	2013	4-1	70,000
		Total: 821,100			Total: 797,900			Total: 765,800

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch
110/A				

NOTES

1ST=1B,1BED,OTHER-6
2ND=2BED,1B,LR,K,OTHER-1
30X30 SECTION BAS NOT
LIVEABLE(5RMS) IF FUS/BAS IS
OCCUPIED CELL TOWER ON SIGHT
1ST FLR = CEILINGS/WALLS FALLING
DOWN=VP COND/2ND FLR = F. COND
CORRECTED FARM BUILDING SIZES FOR THE
2006 GRAND LIST 4 NEW FARM BUILDINGS
FOR 2007 GL
CELL TOWER VALUED ON 151/98/2

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	154,300
Appraised XF (B) Value (Bldg)	0
Appraised OB (L) Value (Bldg)	780,200
Appraised Land Value (Bldg)	220,100
Special Land Value	224,400
Total Appraised Parcel Value	1,379,000
Valuation Method:	C
Adjustment:	0
Net Total Appraised Parcel Value	1,379,000

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments
27234	11/13/2012	CM	Commercial	112,000	07/30/2013	100		4 GREENHOUSES
25068	10/12/2010	RS	Residential	3,500	08/22/2011	100		BARN ROOF
25067	10/12/2010	CM	Commercial	3,200	08/22/2011	100		HOUSE ROOF
24367	02/04/2010	CM	Commercial	6,000	07/23/2010	100	07/23/2010	RPL 6 ANTENNAS
24364	02/03/2010	CM	Commercial	20,000	07/23/2010	100	07/23/2010	MODIFY FACILITY
20744	07/06/2006	CM	Commercial	10,000	09/07/2006	100	09/07/2006	RPL 6 ANTENNAS/ADI

VISIT/ CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result
11/06/2015	02	1	KC	63	Permit Check - No Measu
09/18/2015			V	29	Field Review
12/04/2014	02	1	KC	63	Permit Check - No Measu
09/05/2013	06		SJ	16	Letter Sent-Cost Informat
08/07/2013	06		SJ	16	Letter Sent-Cost Informat

LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Front	Depth	Units		Unit Price	I. Factor	S.A.	Acre Disc	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing Spec Use		Special Pricing Spec Calc		S Adj Fact	Adj. Unit Price	Land Value
1	1010	Single Family	R18				18,000	SF	6.15	1.0000	5	1.0000	1.00	110	1.05				TF1	.95	.95	6.13	110,400
1	1010	Single Family	R18				0.92	AC	10,000.00	1.0000	0	1.0000	1.00	110	1.05						1.00	10,500.00	9,700
1	7120	Tillable C	R18				24.50	AC	10,000.00	1.0000	0	1.0000	0.75	110	1.05		490	670			1.00	7,875.00	192,900
1	7140	Orchards	R18				1.00	AC	10,000.00	1.0000	0	1.0000	1.00	110	1.05		490	1390			1.00	10,500.00	10,500
1	7170	Woodland	R18				2.00	AC	10,000.00	1.0000	0	1.0000	1.00	110	1.05		490	240			1.00	10,500.00	21,000

Total Card Land Units: 28.83 AC Parcel Total Land Area: 29 AC — Total Land Value: 344,500

Property Location: 945 EAST CENTER ST
Vision ID: 1293

MAP ID: 151/ / 98/ /

Bldg Name:

Bldg #: 1 of 1 **Sec #:** 1 of 1 **Card** 2 of 3

State Use: 1010
Print Date: 12/02/2016 11:27

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
1010	Single Family	100

COST/MARKET VALUATION

Cost Trend Factor

OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
SHD1	Shed Frame			L	270	10.00	1940	C		A	50	1,400
BRN4	1 Stry Loft & E		B1-RED BARN	L	1,500	38.00	1940	C		A	50	28,500
BRN1	Barn 1 Stry		B2- GREY BA	L	1,632	22.00	1985	C		G	75	26,900
BRN1	Barn 1 Stry		B3- YELLOW	L	1,936	22.00	1920	C		A	50	21,300
SHD4	Pump Hse			L	8,000	54.00	1999	C		A	50	216,000
LNT	Lean-To			L	1,280	4.00	2007	C		A	50	2,600
FGR1	Garage-Avg			L	484	30.00	1996	C		A	50	7,300
GRN4	Com Plastic Gc			L	60,000	6.00	2013	C		E	90	324,000
GRN4	Com Plastic Gc			L	11,250	6.00	2012	C		E	90	60,800

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
	Ttl. Gross Liv/Lease Area:	0	0	0		302,452

No Photo On Record

Property Location: 945 EAST CENTER ST
Vision ID: 1293

MAP ID: 151/ / 98/ /

Bldg Name:

Bldg #: 1 of 1 Sec #: 1 of 1 Card 2 of 3

State Use: 1010
Print Date: 12/02/2016 11:27

CURRENT OWNER
BEAUMONT ALBERT WILLIAM

945 E CENTER ST

WALLINGFORD, CT 06492
Additional Owners:

TOPO.	UTILITIES	STRT./ROAD	LOCATION

SUPPLEMENTAL DATA
Other ID: 024001002

GIS ID: 151/98 ASSOC PID#

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
		Total	1,379,000	821,100

6148
WALLINGFORD, CT

VISION

RECORD OF OWNERSHIP

BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
Total:			Total:			Total:		

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch
110/A				

NOTES

This signature acknowledges a visit by a Data Collector or Assessor

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	154,300
Appraised XF (B) Value (Bldg)	0
Appraised OB (L) Value (Bldg)	780,200
Appraised Land Value (Bldg)	220,100
Special Land Value	224,400
Total Appraised Parcel Value	1,379,000
Valuation Method:	C
Adjustment:	0
Net Total Appraised Parcel Value	1,379,000

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments

VISIT/ CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result

LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Front	Depth	Units		Unit Price	I. Factor	S.A.	Acre Disc	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing Spec Use	Special Pricing Spec Calc	S Adj Fact	Adj. Unit Price	Land Value
1	431V	TEL REL TW M00	R18			1.00	BL	100,000.00	1.0000	0	1.0000	1.00		0.00	CELL SITE			1.00	100,000.00	100,000
1	8000	Frontage	R18			1,600.00	FF	0.00	1.0000	0	1.0000	1.00	110	1.05		FF	0.01	.00	0.00	0
1	431V	TEL REL TW M00				7,350	SF	0.00	1.0000	0	1.0000	1.00		0.00	CELL SITE AREA			.00	0.00	0

Total Card Land Units: 0.17 AC Parcel Total Land Area: 29 AC

Total Land Value: 100,000

Property Location: 945 EAST CENTER ST
Vision ID: 1293

MAP ID: 151/ / 98/ /

Bldg Name:

Bldg #: 1 of 1 Sec #: 1 of 1 Card 3 of 3

State Use: 1010
Print Date: 12/02/2016 11:27

CURRENT OWNER
BEAUMONT ALBERT WILLIAM

945 E CENTER ST

WALLINGFORD, CT 06492
Additional Owners:

TOPO.	UTILITIES	STRT./ROAD	LOCATION

SUPPLEMENTAL DATA
Other ID: 024001002

GIS ID: 151/98 ASSOC PID#

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
Total		1,379,000	821,100

6148
WALLINGFORD, CT

VISION

RECORD OF OWNERSHIP

BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
Total:			Total:			Total:		

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch
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BUILDING PERMIT RECORD

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LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Front	Depth	Units	Unit Price	I. Factor	S.A.	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing Spec Use	Special Pricing Spec Calc	S Adj Fact	Adj. Unit Price	Land Value

Total Card Land Units: 0.00 AC Parcel Total Land Area: 29 AC

Total Land Value: 0

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
1010	Single Family	100

COST/MARKET VALUATION

Cost Trend Factor

OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
GRN4	Com Plastic Gc			L	8,500	6.00	2014	C		E	90	45,900
GRN3	Pipe + Plastic			L	2,880	4.00	2015	C		G	75	8,600
GRN3	Pipe + Plastic			L	2,880	4.00	2015	C		G	75	8,600
GRN3	Pipe + Plastic			L	2,880	4.00	2015	C		G	75	8,600

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
	Tfl, Gross Liv/Lease Area	0	0	0		382,152

No Photo On Record

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 469380
VERIZON SITE NAME: WALLINGFORD EAST, CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 147'-0"

BUSINESS UNIT #: 876310
SITE ADDRESS: 945 EAST CENTER ST. WALLINGFORD, CT 06492
COUNTY: NEW HAVEN
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON WALLINGFORD_E_CT-MODERNIZATION-700-201607

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	BEAUMONT FARM
SITE ADDRESS:	945 EAST CENTER ST. WALLINGFORD, CT 06492
COUNTY:	NEW HAVEN
MAP/PARCEL #:	151/98/2
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.443711°
LONGITUDE:	-72.796267°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	250'
CURRENT ZONING:	R18
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	AT&T WIRELESS PCS INC C/O AT&T MOBILITY 754 PEACHTREE ST NE ATLANTA, GA 30308
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	WALLINGFORD ELECTRIC 1(203) 265-5055
TELCO PROVIDER:	T.B.D.

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 S. BOULDER AVE. TULSA, OK 74119 MARVIN PHILLIPS marvin.phillips@btgrp.com
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 PAUL PEDICONE - PROJECT MANAGER PAUL.PEDICONE@CROWNCASTLE.COM JASON D'AMICO - CONSTRUCTION MANAGER JASON.DAMICO@CROWNCASTLE.COM
VERIZON CONTACT:	TIMOTHY PARKS TIMOTHY.PARKS@VERIZONWIRELESS.COM

DRAWING INDEX

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

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vzwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10141824
VzW LOCATION CODE (PSLC)	469380

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

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (1086 N COLONY RD, WALLINGFORD, CT 06492): TAKE NEAL RD TO US-5 S/N COLONY RD, HEAD SOUTH TOWARD NEAL RD, TURN LEFT TOWARD NEAL RD, TURN LEFT ONTO NEAL RD, TURN LEFT AT THE 1ST CROSS STREET ONTO US-5 S/N COLONY RD, TURN LEFT, USE THE LEFT 2 LANES TO TURN LEFT ONTO CT-68 E, TURN RIGHT TO MERGE WITH I-91 S TOWARD NEW HAVEN, TAKE EXIT 14 FOR E CENTER ST TOWARD CT-150/WALLINGFORD, TURN RIGHT ONTO E CENTER ST, TURN LEFT ONTO S AIRLINE RD, ARRIVE AT BEAUMONT FARM.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

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

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	B+T GROUP
DATED:	7/1/22
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	5/26/22
RFDS REVISION:	0
DATED:	5/17/22
ORDER ID:	623010
REVISION:	1

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

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- REMOVE (9) ANTENNAS
- REMOVE (9) RRHs
- REMOVE (6) DIPLEXERs
- INSTALL MOUNT MODIFICATIONS REQUIRED PER MOUNT ANALYSIS BY MASER CONSULTING CONNECTICUT DATED MAY 26, 2022
- INSTALL (3) DUAL ANTENNA MOUNT BRACKETS
- INSTALL (9) ANTENNAS
- INSTALL (6) RRHS

GROUND SCOPE OF WORK:
- NONE

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER: **469380**

BU #: **876310**
BEAUMONT FARM

945 EAST CENTER ST.
WALLINGFORD, CT 06492

EXISTING 147'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/21/22	DAS	CONSTRUCTION	CV

B&T ENGINEERING, INC.

SHEET NUMBER:	REVISION:
T-1	0

100049.007.01_876310_BEAUMONT FARM.dwg - Sheet:T-1 - User: chad.vandergraft - Jul 22, 2022 - 12:41pm

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

CONDUCTOR COLOR CODE

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

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SUITE 300
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VERIZON SITE NUMBER:
469380

BU #: **876310**
BEAUMONT FARM

945 EAST CENTER ST.
WALLINGFORD, CT 06492

EXISTING 147'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/21/22	DAS	CONSTRUCTION	CV

STATE OF CONNECTICUT
CHAD TUTTLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
7/21/22

B&T ENGINEERING, INC.

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

SHEET NUMBER: T-2
REVISION: 0

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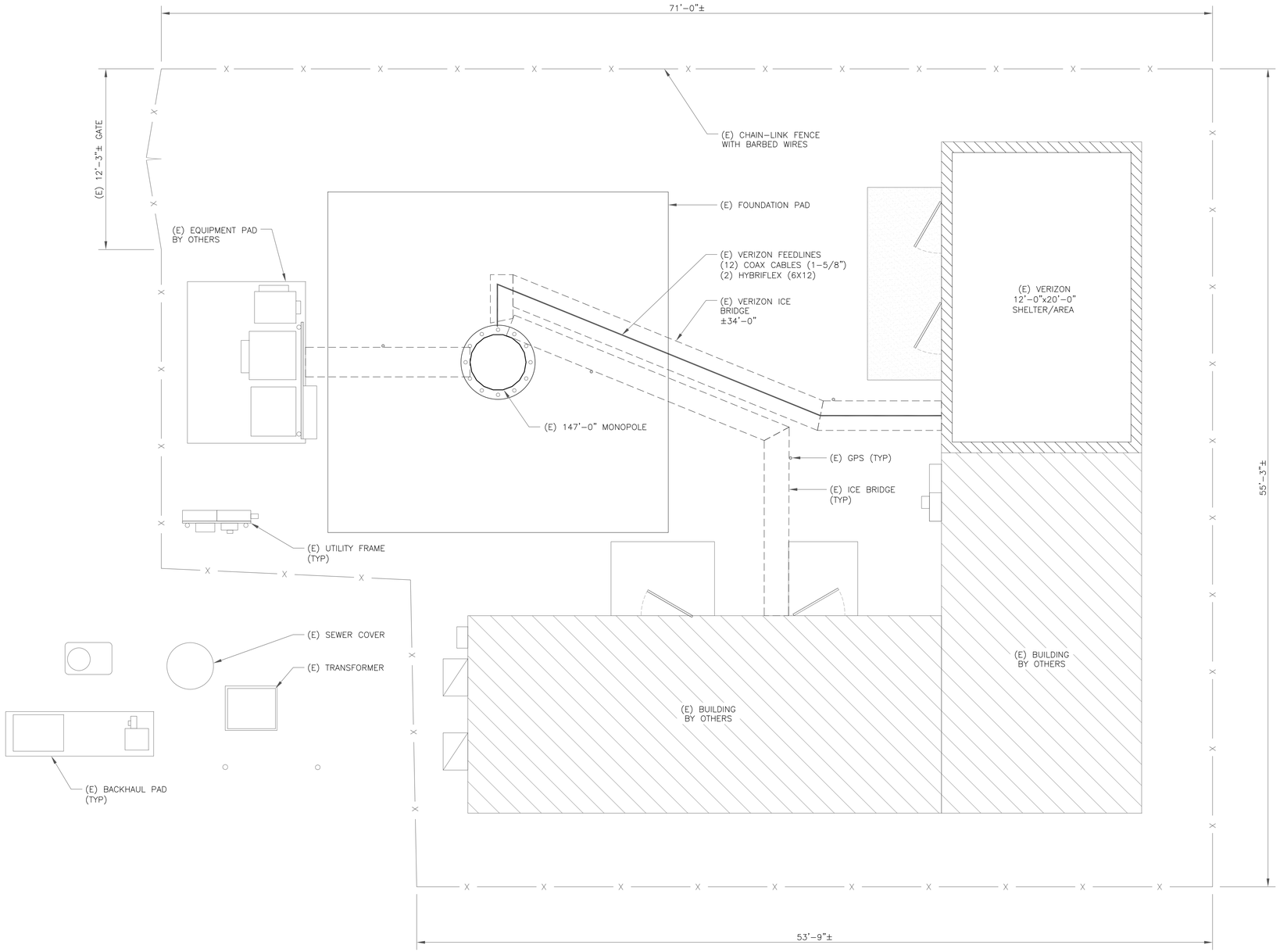

1 SITE PLAN

SCALE: 4' 3' 2' 1' 0 4'

1/4"=1'-0" (FULL SIZE)
1/8"=1'-0" (11x17)

N

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PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
469380

BU #: **876310**
BEAUMONT FARM

945 EAST CENTER ST.
WALLINGFORD, CT 06492

EXISTING 147'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
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STATE OF CONNECTICUT
CHRISTOPHER D. VANDERGRAFT
No. 25924
LICENSED
PROFESSIONAL ENGINEER
7/21/22

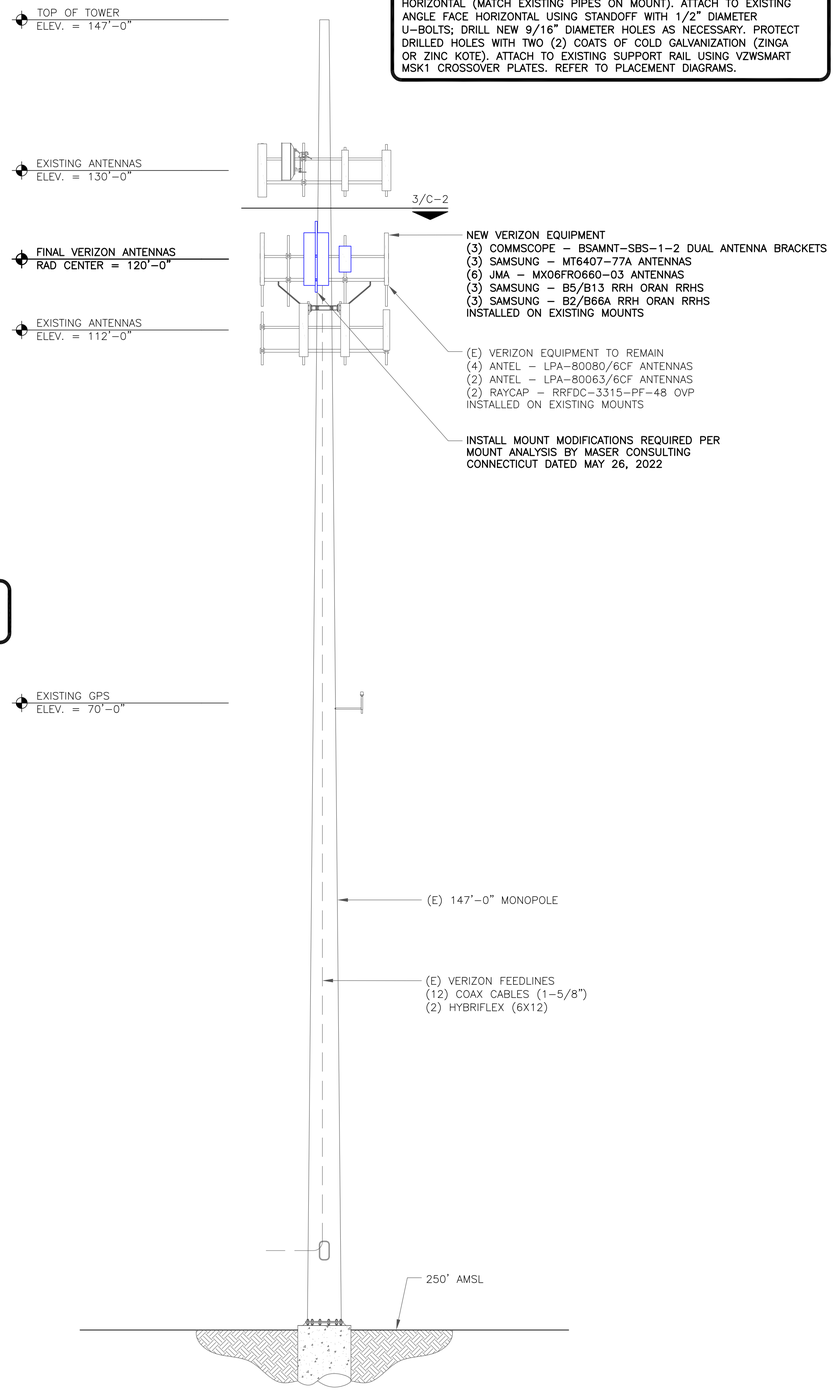
B&T ENGINEERING, INC.

SHEET NUMBER: C-1

REVISION: 0

NOTE:

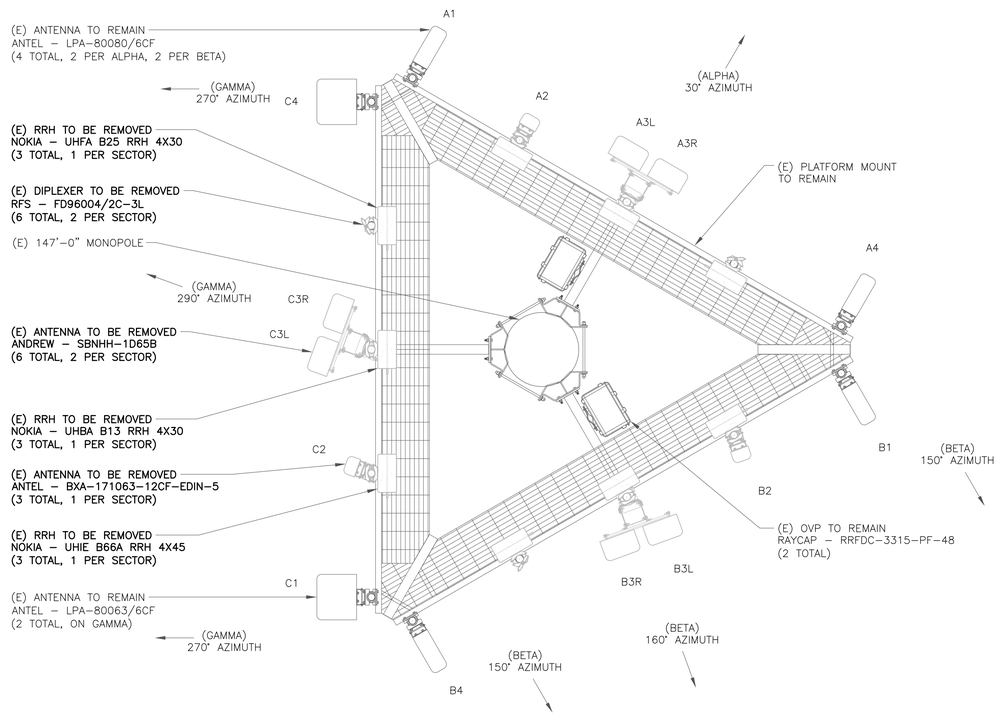
CONTRACTOR SHALL REPLACE EXISTING POSITION 3 MOUNT PIPE WITH NEW 96" LONG P2 1/2 STD PIPE (IN ALL SECTORS). INSTALL 39" FROM POSITION 2 PIPE. TOP OF PIPE SHALL BE 47" ABOVE TOP FACE HORIZONTAL (MATCH EXISTING PIPES ON MOUNT). ATTACH TO EXISTING ANGLE FACE HORIZONTAL USING STANDOFF WITH 1/2" DIAMETER U-BOLTS; DRILL NEW 9/16" DIAMETER HOLES AS NECESSARY. PROTECT DRILLED HOLES WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC KOTE). ATTACH TO EXISTING SUPPORT RAIL USING VZWSMART MSK1 CROSSOVER PLATES. REFER TO PLACEMENT DIAGRAMS.



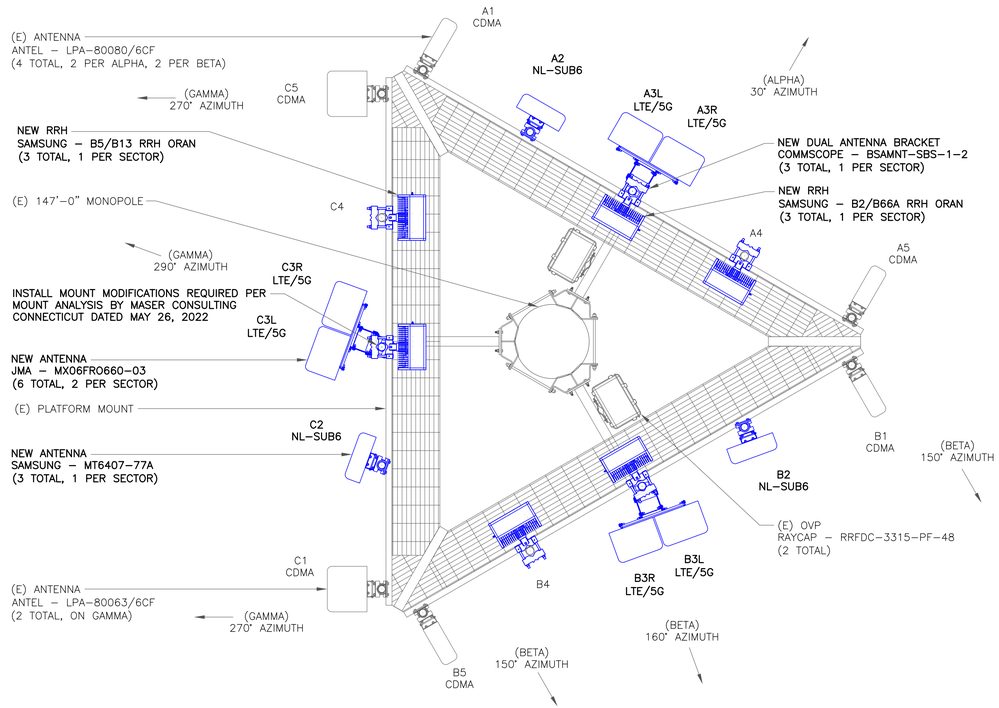
VERIZON EQUIPMENT

ANTENNA CL: 120'-0"
MOUNT CL: 119'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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VERIZON SITE NUMBER:
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BEAUMONT FARM

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EXISTING 147'-0" MONOPOLE

ISSUED FOR:

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B&T ENGINEERING, INC.

SHEET NUMBER: C-2

REVISION: 0

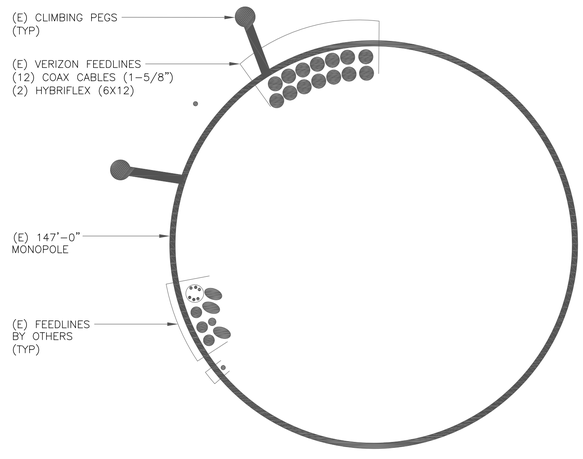
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/6CF	120'-0"	30°	0°	0°	–	–
A2	NEW	SAMSUNG	MT6407-77A	120'-0"	30°	0°	6°	–	INTEGRATED RRH
A3L	NEW	JMA	MX06FRO660-03	120'-0"	30°	0°	2°/2°/2°/2°/2°/2°	SAMSUNG	(1) B2/B66A RRH ORAN
A3R	NEW	JMA	MX06FRO660-03	120'-0"	30°	0°	2°/2°/2°/2°/2°/2°		
A4	–	–	EMPTY PIPE	–	–	–	–	SAMSUNG RAYCAP	(1) B5/B13 RRH ORAN (1) RRFDC-3315-PF-48
A5	EXISTING	ANTEL	LPA-80080/6CF	120'-0"	30°	0°	0°	–	–
B1	EXISTING	ANTEL	LPA-80080/6CF	120'-0"	150°	0°	0°	–	–
B2	NEW	SAMSUNG	MT6407-77A	120'-0"	160°	0°	6°	–	INTEGRATED RRH
B3L	NEW	JMA	MX06FRO660-03	120'-0"	160°	0°	2°/2°/2°/2°/2°/2°	SAMSUNG	(1) B2/B66A RRH ORAN
B3R	NEW	JMA	MX06FRO660-03	120'-0"	160°	0°	2°/2°/2°/2°/2°/2°		
B4	–	–	EMPTY PIPE	–	–	–	–	SAMSUNG RAYCAP	(1) B5/B13 RRH ORAN (1) RRFDC-3315-PF-48
B5	EXISTING	ANTEL	LPA-80080/6CF	120'-0"	150°	0°	0°	–	–
C1	EXISTING	ANTEL	LPA-80063/6CF	120'-0"	270°	5°	0°	–	–
C2	NEW	SAMSUNG	MT6407-77A	120'-0"	290°	0°	6°	–	INTEGRATED RRH
C3L	NEW	JMA	MX06FRO660-03	120'-0"	290°	0°	6°/6°/6°/2°/2°/2°	SAMSUNG	(1) B2/B66A RRH ORAN
C3R	NEW	JMA	MX06FRO660-03	120'-0"	290°	0°	6°/6°/6°/2°/2°/2°		
C4	–	–	EMPTY PIPE	–	–	–	–	SAMSUNG	(1) B5/B13 RRH ORAN
C5	EXISTING	ANTEL	LPA-80063/6CF	120'-0"	270°	5°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	170'-0"±	12
EXISTING	HYBRIFLEX	6X12	170'-0"±	2
TOTAL CABLE QTY:				14



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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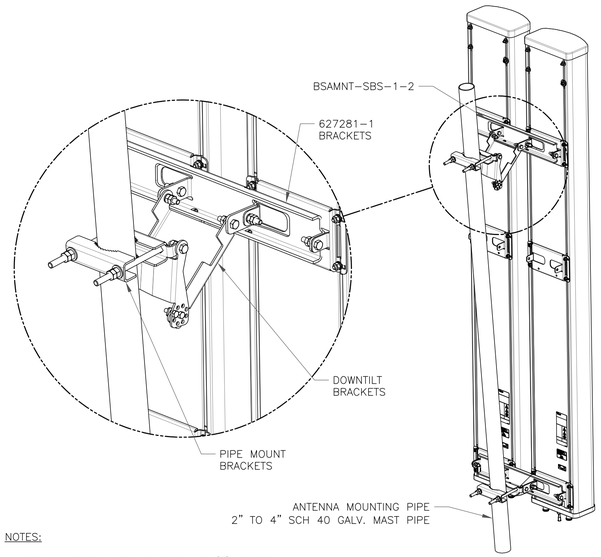
B&T ENGINEERING, INC.

SHEET NUMBER: C-3
REVISION: 0

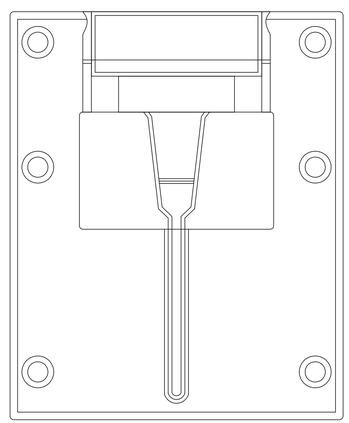


NOTES:

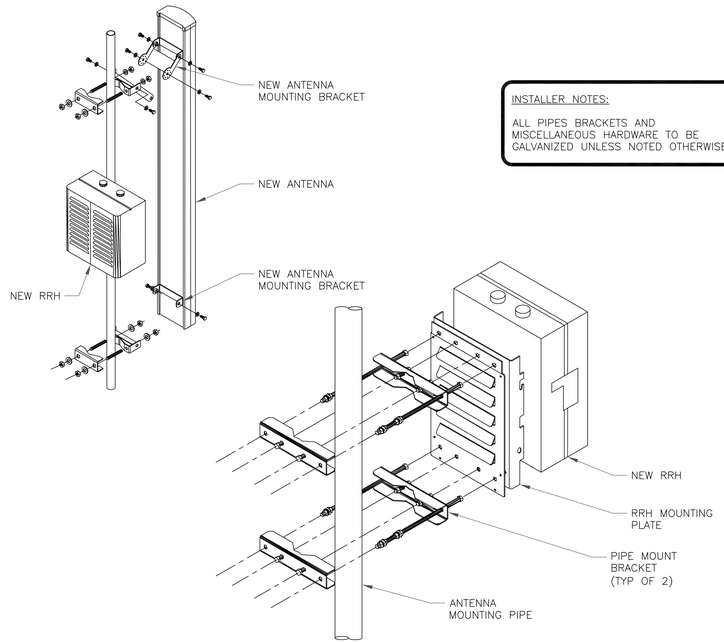
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



3 SAMSUNG – EP97-01585A BRACKET DETAIL
SCALE: NOT TO SCALE



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
469380

BU #: **876310**
BEAUMONT FARM

945 EAST CENTER ST.
WALLINGFORD, CT 06492

EXISTING 147'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/21/22	DAS	CONSTRUCTION	CV

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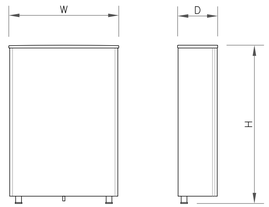
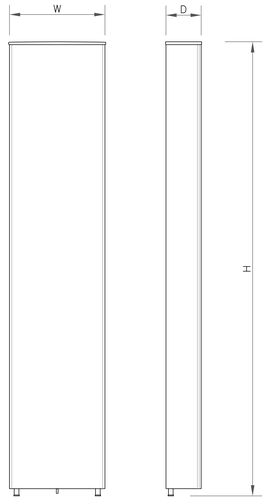
SHEET NUMBER: C-4

REVISION: 0



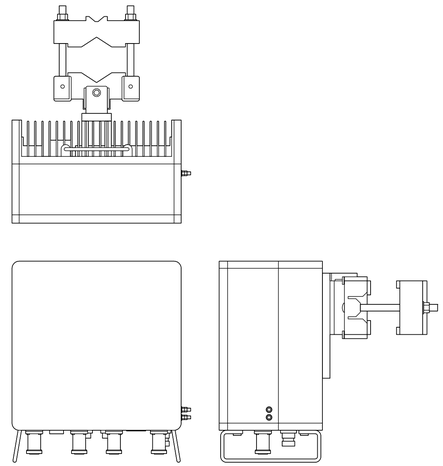
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



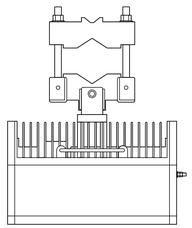
ANTENNA SPECS	
MANUFACTURER	JMA
MODEL #	MX06FRO660-03
WIDTH	15.40"
DEPTH	10.70"
HEIGHT	71.30"
WEIGHT	78.00 LBS

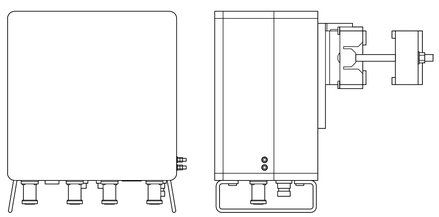
2 ANTENNA SPECS
SCALE: NOT TO SCALE



RRU SPECS	
MANUFACTURER	SAMSUNG
MODEL #	B2/B66A RRH-BR049
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.70 LBS

3 RRU SPECS
SCALE: NOT TO SCALE





RRU SPECS	
MANUFACTURER	SAMSUNG
MODEL #	B5/B13 RRH-BR04C
WIDTH	14.96"
DEPTH	9.06"
HEIGHT	14.96"
WEIGHT	72.50 LBS

4 RRU SPECS
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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VERIZON SITE NUMBER:
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BEAUMONT FARM

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EXISTING 147'-0" MONOPOLE

ISSUED FOR:

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STATE OF CONNECTICUT
CHAD VANDERGRAFT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
7/21/22

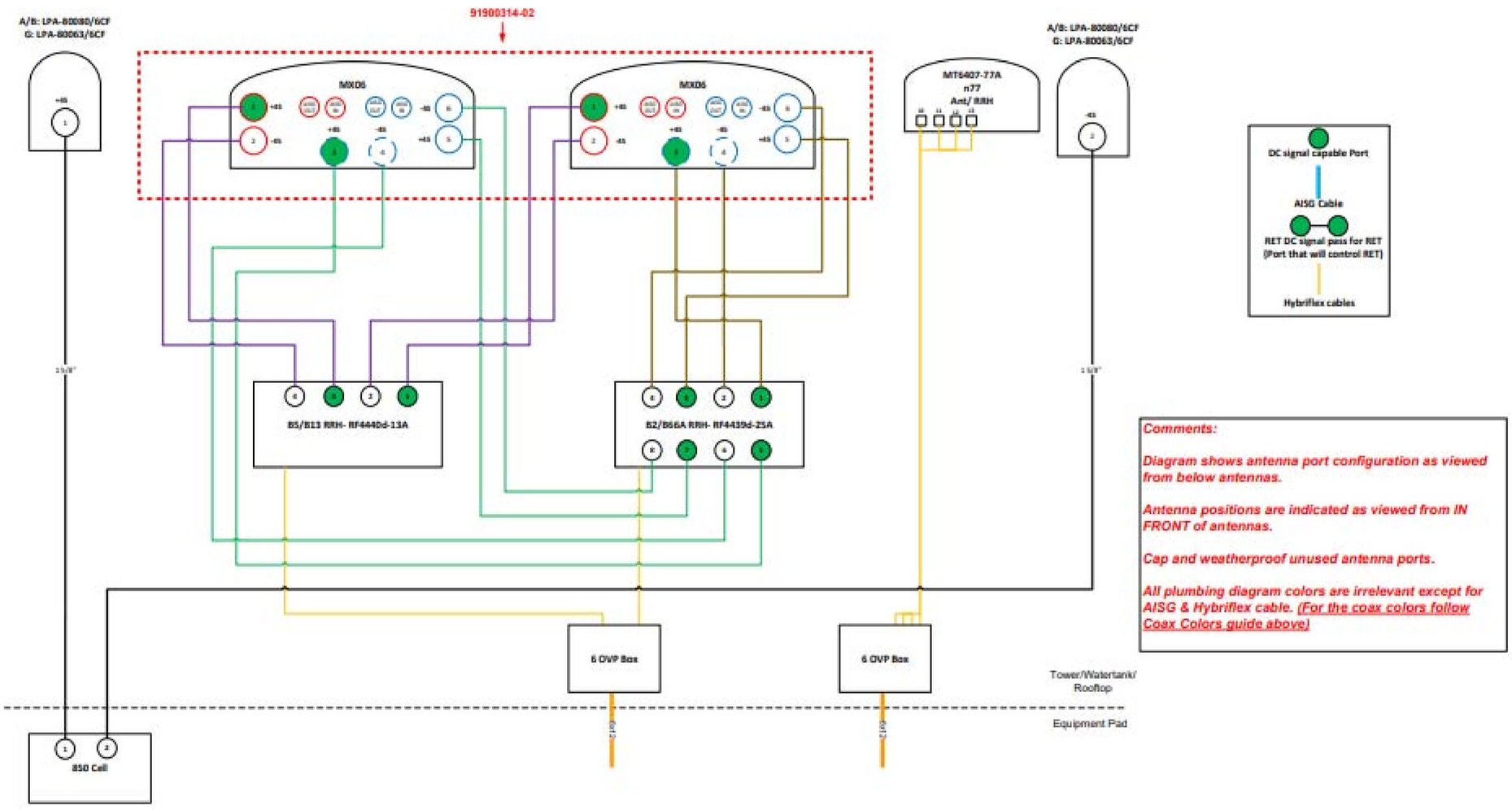
B&T ENGINEERING, INC.

SHEET NUMBER: C-5

REVISION: 0

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

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



DC signal capable Port

AISG Cable

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

Hybriflex cables

Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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

Cap and weatherproof unused antenna ports.

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

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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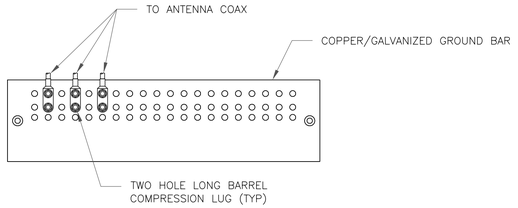
B&T ENGINEERING, INC.

SHEET NUMBER: C-6

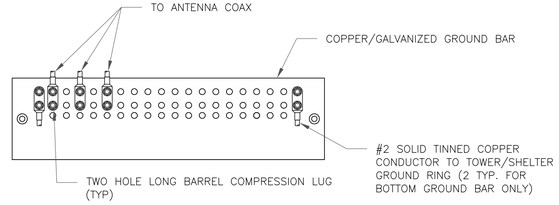
REVISION: 0



NOTES:

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

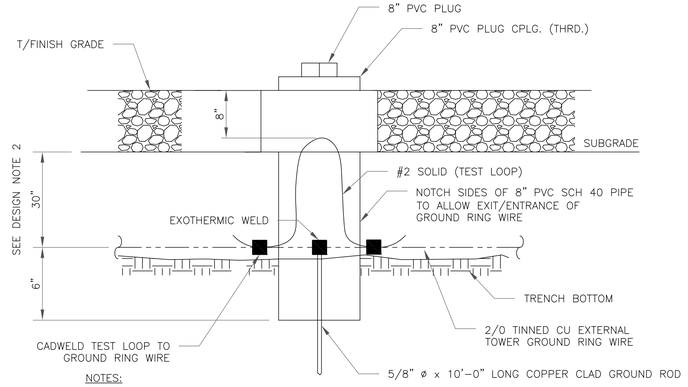
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

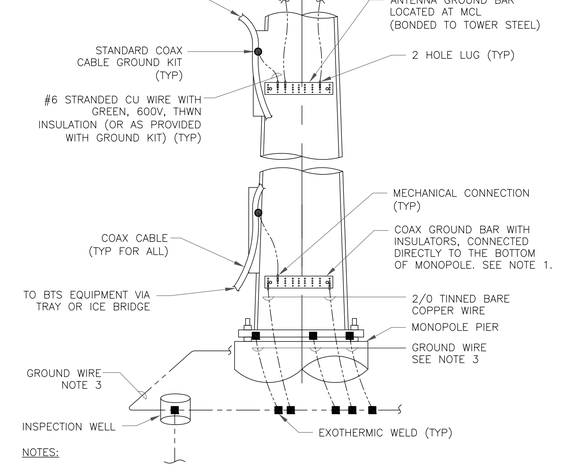
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

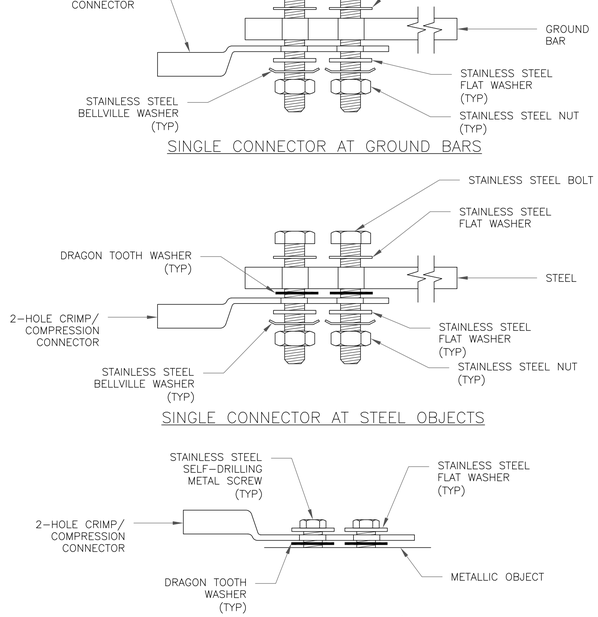
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



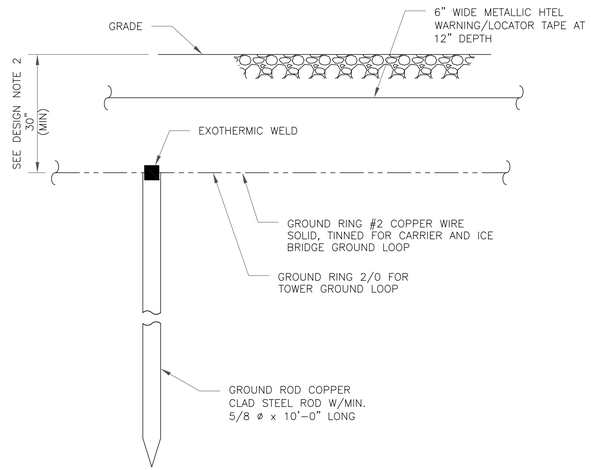
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

verizon
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3 CORPORATE PARK DRIVE, SUITE 101
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BU #: **876310**
BEAUMONT FARM

945 EAST CENTER ST.
WALLINGFORD, CT 06492

EXISTING 147'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
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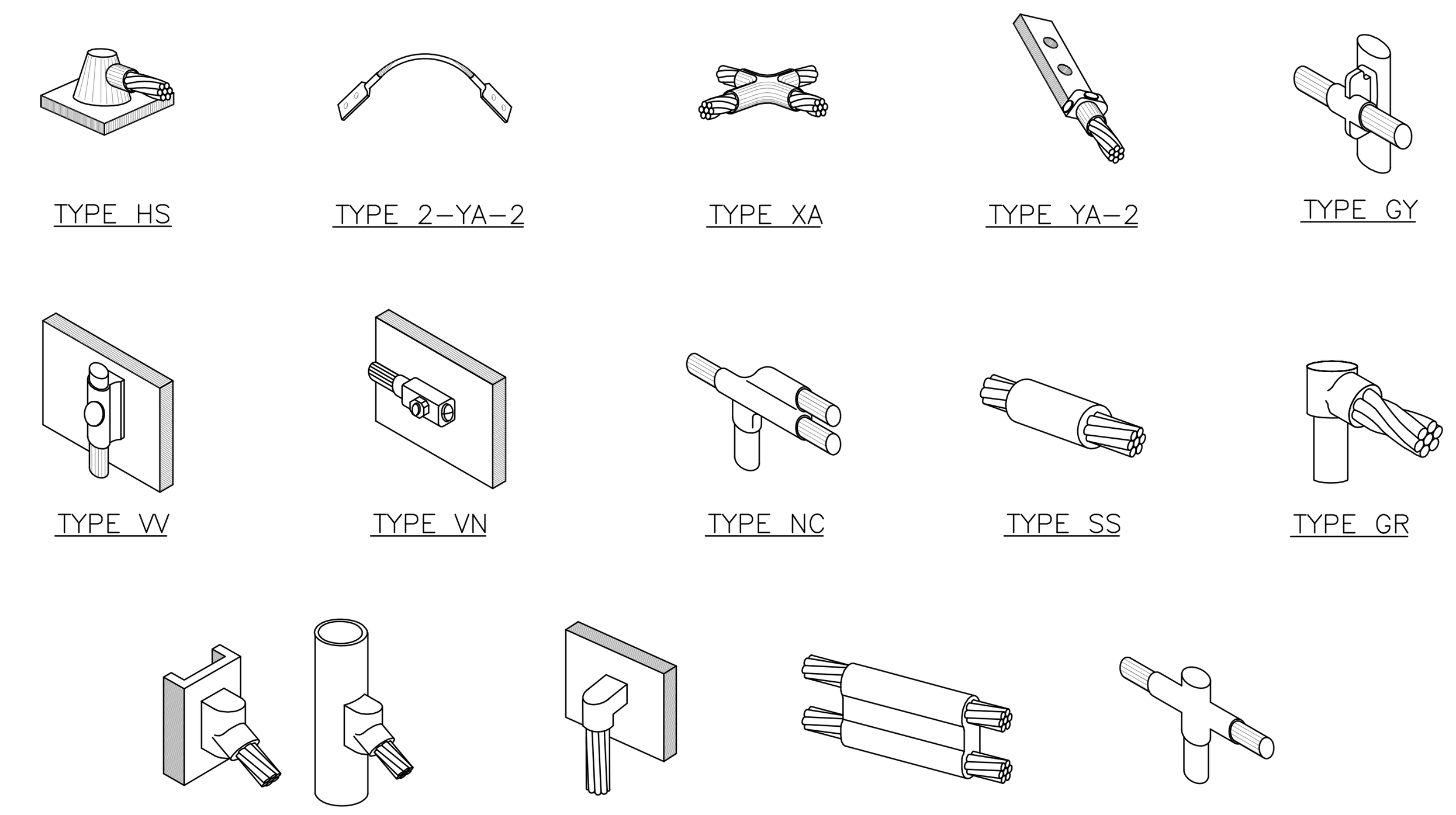
B&T ENGINEERING, INC.

SHEET NUMBER: G-1
REVISION: 0

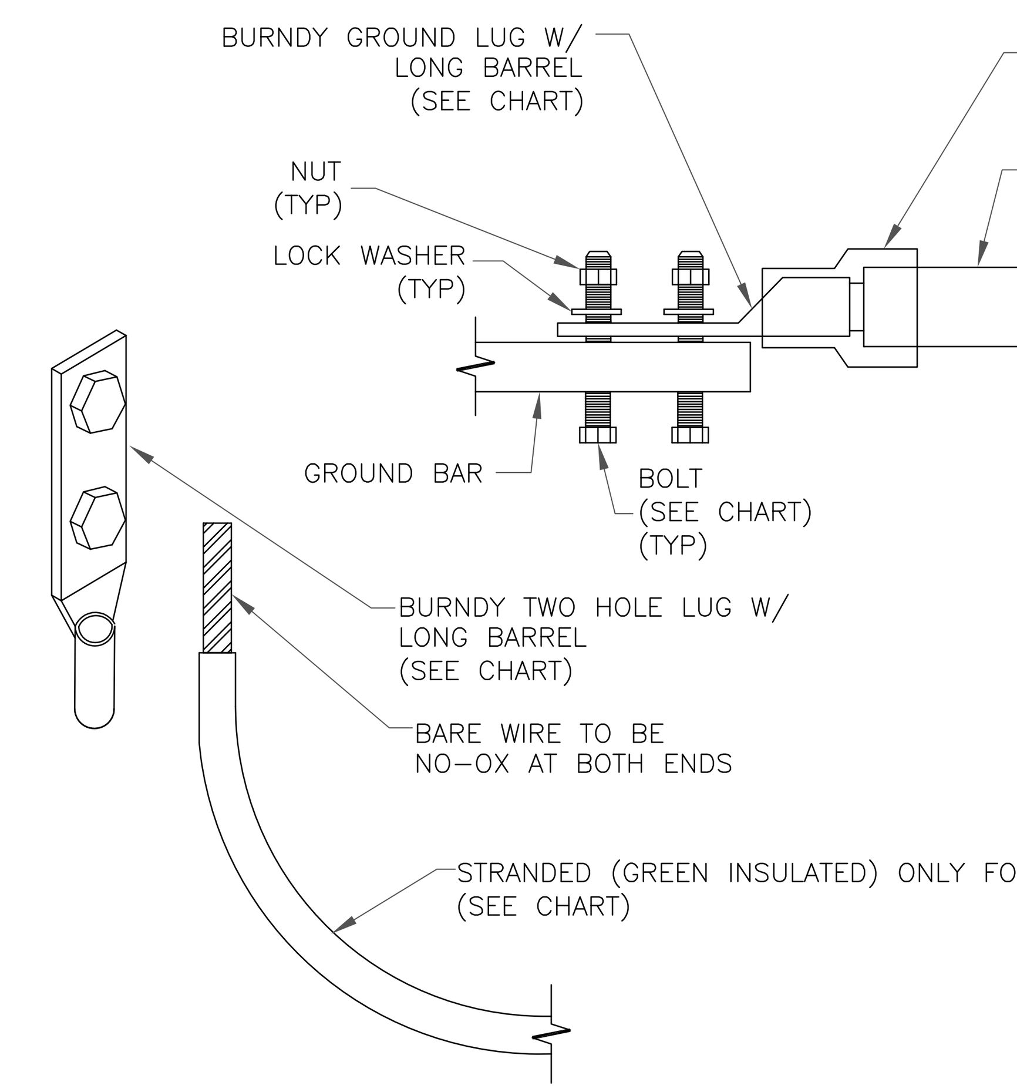


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

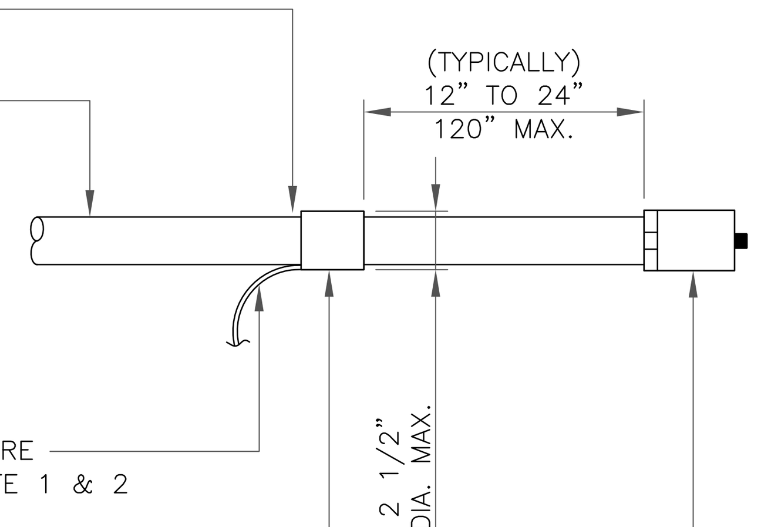
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

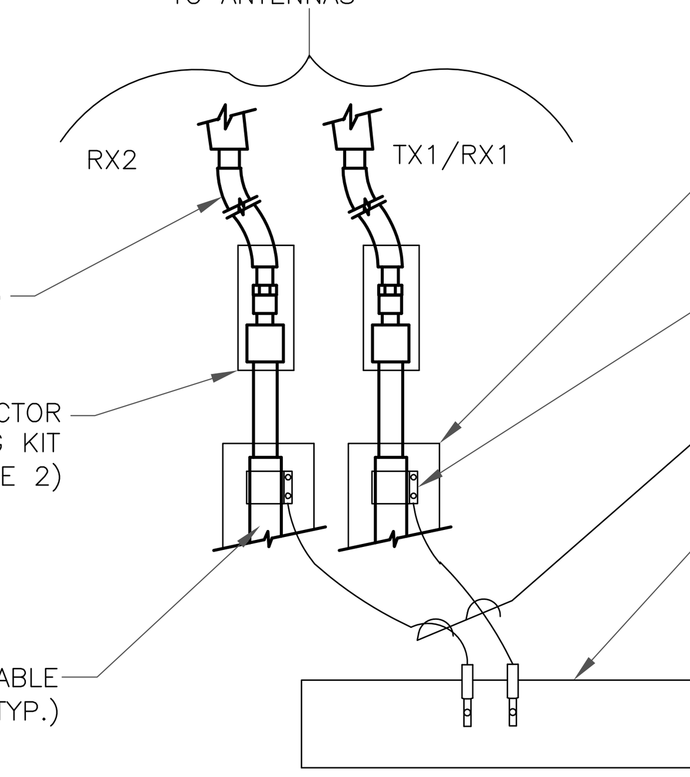
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

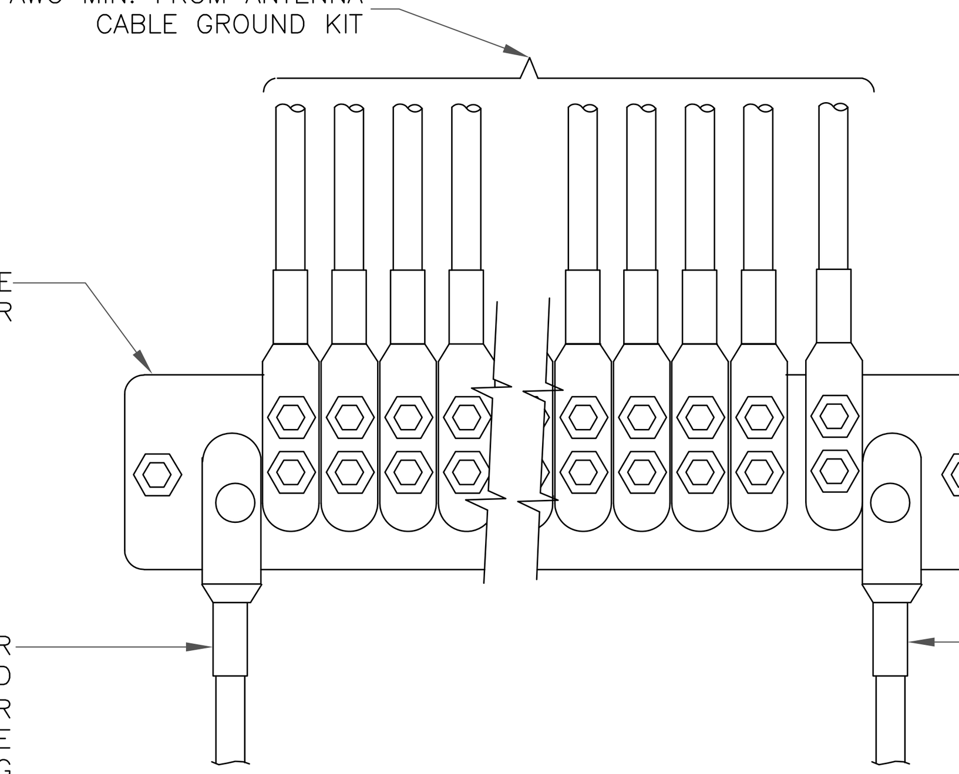
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



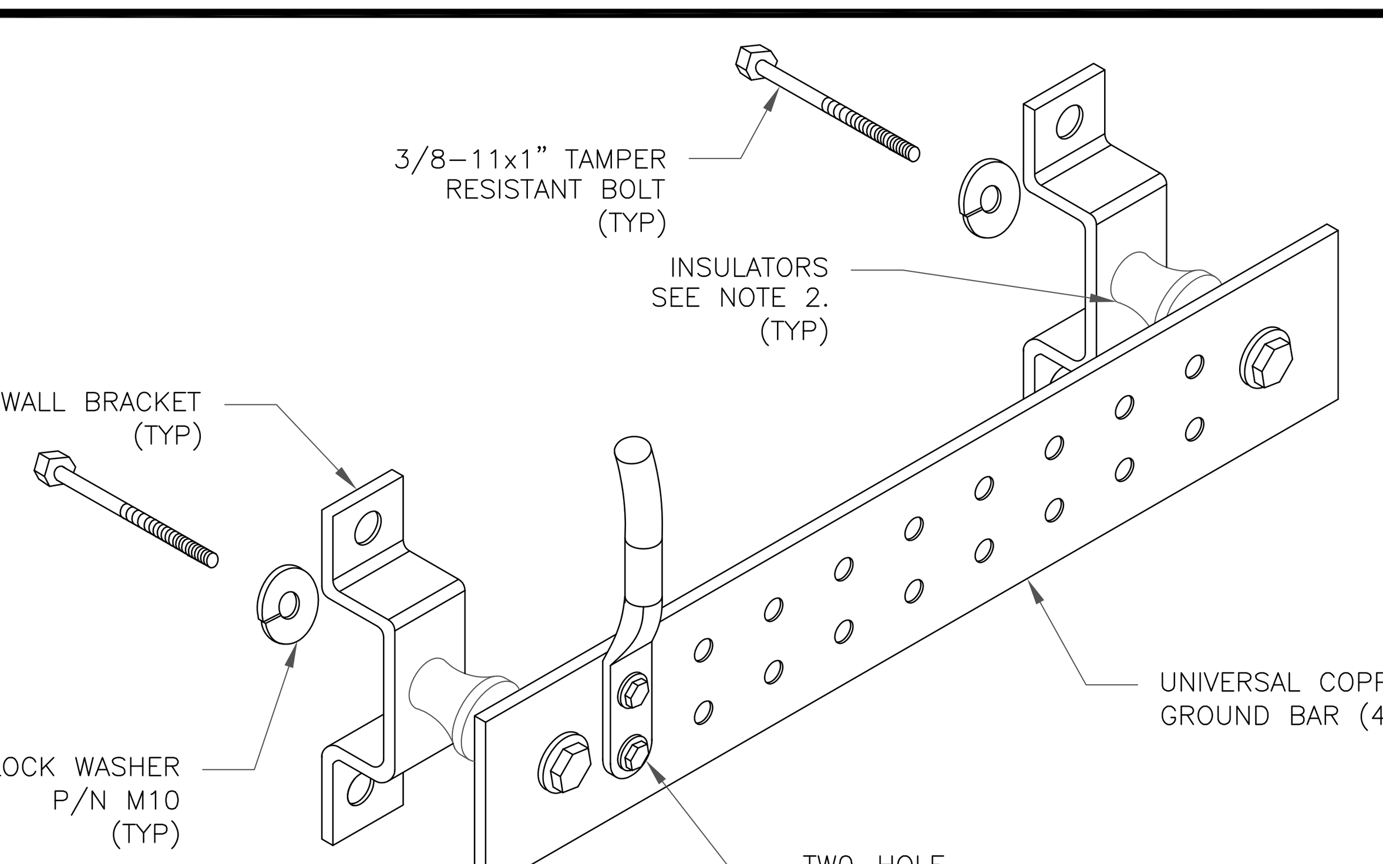
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



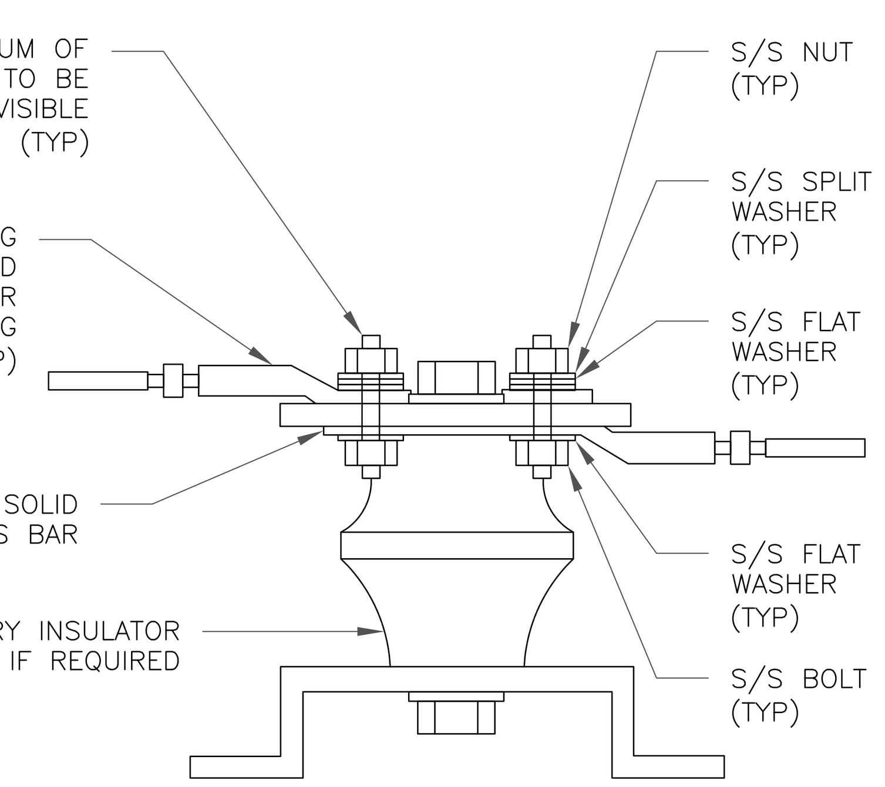
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



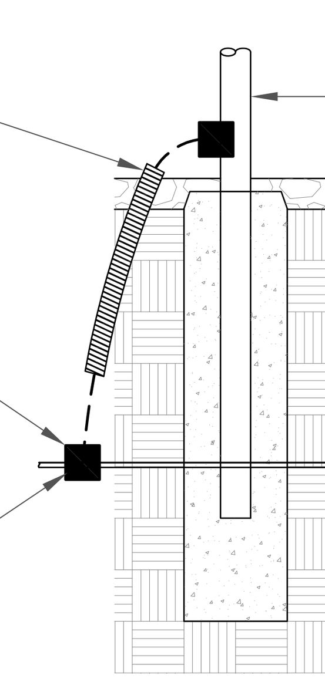
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

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REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/21/22	DAS	CONSTRUCTION	CV

B&T ENGINEERING, INC.

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

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

100049.007.01_876310_BEAUMONT FARM.dwg – Sheet:G-2 – User: chad.vandergraft – Jul 22, 2022 – 12:43pm

Exhibit D

Structural Analysis Report

Date: **July 1, 2022**

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate** **Site Name:**	 Wallingford East, CT
Crown Castle Designation:	**BU Number:** **Site Name:** **JDE Job Number:** **Work Order Number:** **Order Number:**	876310 BEAUMONT FARM 722450 2132492 623010 Rev. 1
Engineering Firm Designation:	**B+T Group Project Number:**	100049.006.01
Site Data:	**945 East Center St., Wallingford, New Haven County, CT** **Latitude *41° 26' 37.36"*, Longitude *-72° 47' 46.56"*** **147 Foot - Monopole Tower**	

B+T Group is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

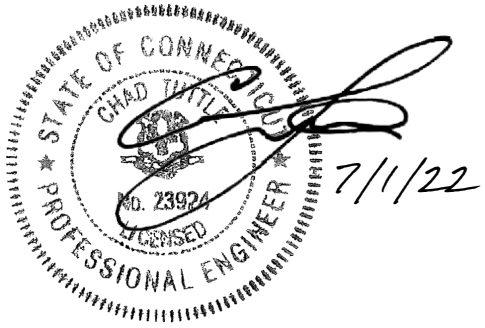
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity –90.1%**

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: Erika Ruiz

Respectfully submitted by: B+T Engineering, Inc.



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 147 ft. Monopole tower designed by Summit.

The tower has been modified per reinforcement drawings prepared by URS Greiner Woodward Clyde in December of 1999. Reinforcement consists of 14-ft tower extension, bringing the total tower height to 147 ft.

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 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)
124.0	126.0	2	Raycap	RRFDC-3315-PF-48	14	1-5/8
	124.0	3	JMA Wireless	91900314-02 Dual-Mount bracket		
		1	--	Platform Mount [LP 1201-1_KCKR-HR-1]		
	120.0	2	Antel	LPA-80063/6CF		
		4	Antel	LPA-80080-6CF-EDIN		
		6	JMA Wireless	MX06FRO660-03		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RF4439D-25A		
		3	Samsung Telecom.	RF4440D-13A		

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)
143.0	143.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	JMA Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		
		1	Commscope	MC-PK8-DSH		
130.0	134.0	1	Andrew	VHLP1-23-DW1	3 1 6 3	1-1/4 7/8 5/16 Elliptical
		1	Andrew	VHLP2-23		
	131.0	1	Andrew	VHLP800-11		
	130.0	3	Alcatel Lucent	1900MHZ RRH (65MHZ)		
		3	Alcatel Lucent	800 EXTERNAL NOTCH FILTER		
		3	Alcatel Lucent	800MHZ RRH		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	Alcatel Lucent	TD-RRH8X20-25		
		3	Argus Tech.	LLPX310R-V1		
		9	RFS Celwave	ACU-A20-N		
		1	RFS Celwave	APXV9ERR18-C-A20		
		2	RFS Celwave	APXVSPP18-C-A20		
		3	RFS Celwave	APXVTM14-C-120		
		3	Samsung Telecom.	RRH-2WB		
		1	--	Platform Mount [LP 1201-1_HR-1]		
111.0	114.0	3	Ericsson	AIR 6419 B77G_CCIV2	6 3 4 3	1-1/4 7/8 13/16 3/8
	112.0	3	CCI Antennas	DMP65R-BU6D		
		3	CCI Antennas	TPA65R-BU6D_CCIV2		
		3	Ericsson	RRUS 32 B30		
		3	Ericsson	RRUS 4415 B25_CCIV2		
		3	Ericsson	RRUS 4426 B66		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14_CCIV2		
		2	Raycap	DC6-48-60-18-8F		
		1	Raycap	DC9-48-60-24-8C-EV_CCIV2		
	111.0	1	--	Platform Mount [LP 1201-1_HR-1]		
	110.0	3	Ericsson	AIR 6449 B77D		
70.0	70.0	1	Kathrein	OG-860/1920/GPS-A	1	1/2
		1	--	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	1855980	CCI Sites
Tower Modification Drawing	2015154	CCI Sites
Foundation Drawing	1855118	CCI Sites
Geotech Report	1531484	CCI Sites
Crown CAD Package	Date: 06/29/2022	CCI Sites

3.1) Analysis Method

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

3.2) Assumptions

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

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group 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	147 - 133.5	Pole	TP12.75x12.75x0.5	1	-3.704	636.438	19.9	Pass
L2	133.5 - 133	Pole	TP19.537x12.75x0.5	2	-3.729	636.438	19.9	Pass
L3	133 - 85.5	Pole	TP29.418x19.537x0.313	3	-23.271	1750.759	75.4	Pass
L4	85.5 - 42.75	Pole	TP37.687x28.013x0.375	4	-33.434	2694.163	90.1	Pass
L5	42.75 - 0	Pole	TP45.83x35.949x0.438	5	-48.990	3927.924	87.4	Pass
							Summary	
						Pole (L4)	90.1	Pass
						Rating =	90.1	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Flange Connection	133.0	48.6	Pass
1,2	Anchor Rods	Base	77.5	Pass
1,2	Base Plate	Base	79.9	Pass
1,2	Base Foundation (Structure)	Base	24.9	Pass
1,2	Base Foundation (Soil Interaction)	Base	86.5	Pass
1,2	Concrete Breakout	Base	88.47	Pass

Structure Rating (max from all components) =	**90.1%**

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

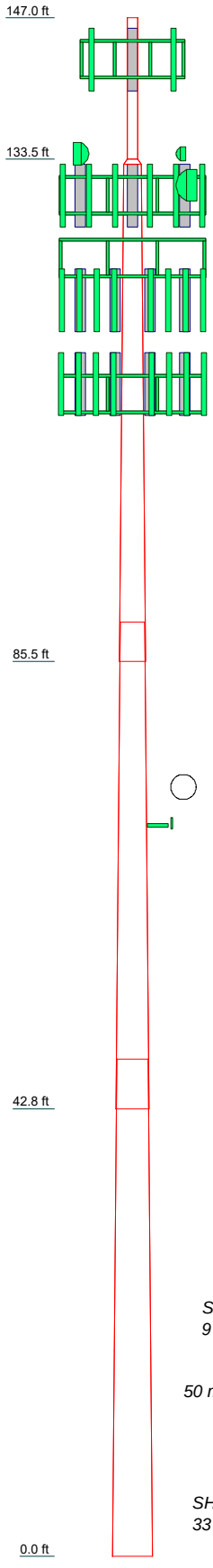
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	13.500	1	0.500		12.750	12.750	A53-B-35	0.9
2	0.500	1	0.500		12.750	19.537		0.0
3	47.500	12	0.313	3.750	19.537	29.418		3.9
4	46.500	12	0.375	4.750	28.013	37.687	A607-65	6.2
5	47.500	12	0.438		35.949	45.830		9.2



ALL REACTIONS ARE FACTORED

AXIAL 68 K

SHEAR 9 K — *MOMENT 977 kip-ft*

TORQUE 1 kip-ft
50 mph WIND - 1.000 in ICE

AXIAL 49 K

SHEAR 33 K — *MOMENT 3626 kip-ft*

TORQUE 1 kip-ft
REACTIONS - 120 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A53-B-35	35 ksi	63 ksi	A607-65	65 ksi	80 ksi

TOWER DESIGN NOTES

1. Tower is located in New Haven 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 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 90.1%

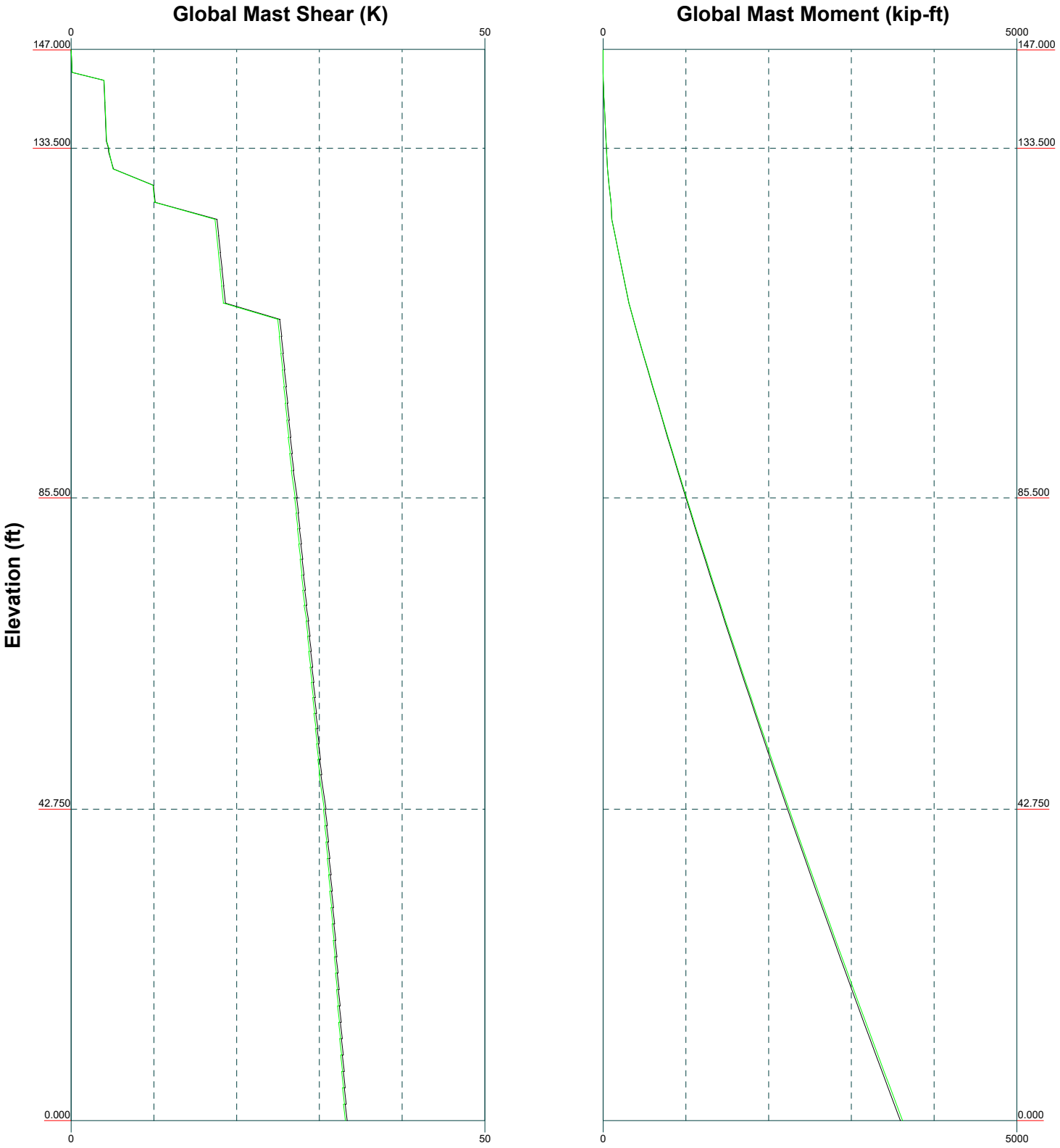
B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: 100049.006.01 - BEAUMONT FARM, CT (BU# 87631			
Project:			
Client: Crown Castle	Drawn by: R AITHAL	App'd:	
Code: TIA-222-H	Date: 06/30/22	Scale: NTS	
Path: G:\SA jobs\30-06-2022--\100049_876310_Beaumont Farm------Ranjith----Sunil-\Tnx_006_01\100049_006_01_BEAUMONT FARM_CT.eri		Dwg No. E-1	

TIA-222-H - 120 mph/50 mph 1.000 in Ice Exposure C

Maximum Values

Vx Vz Mx Mz



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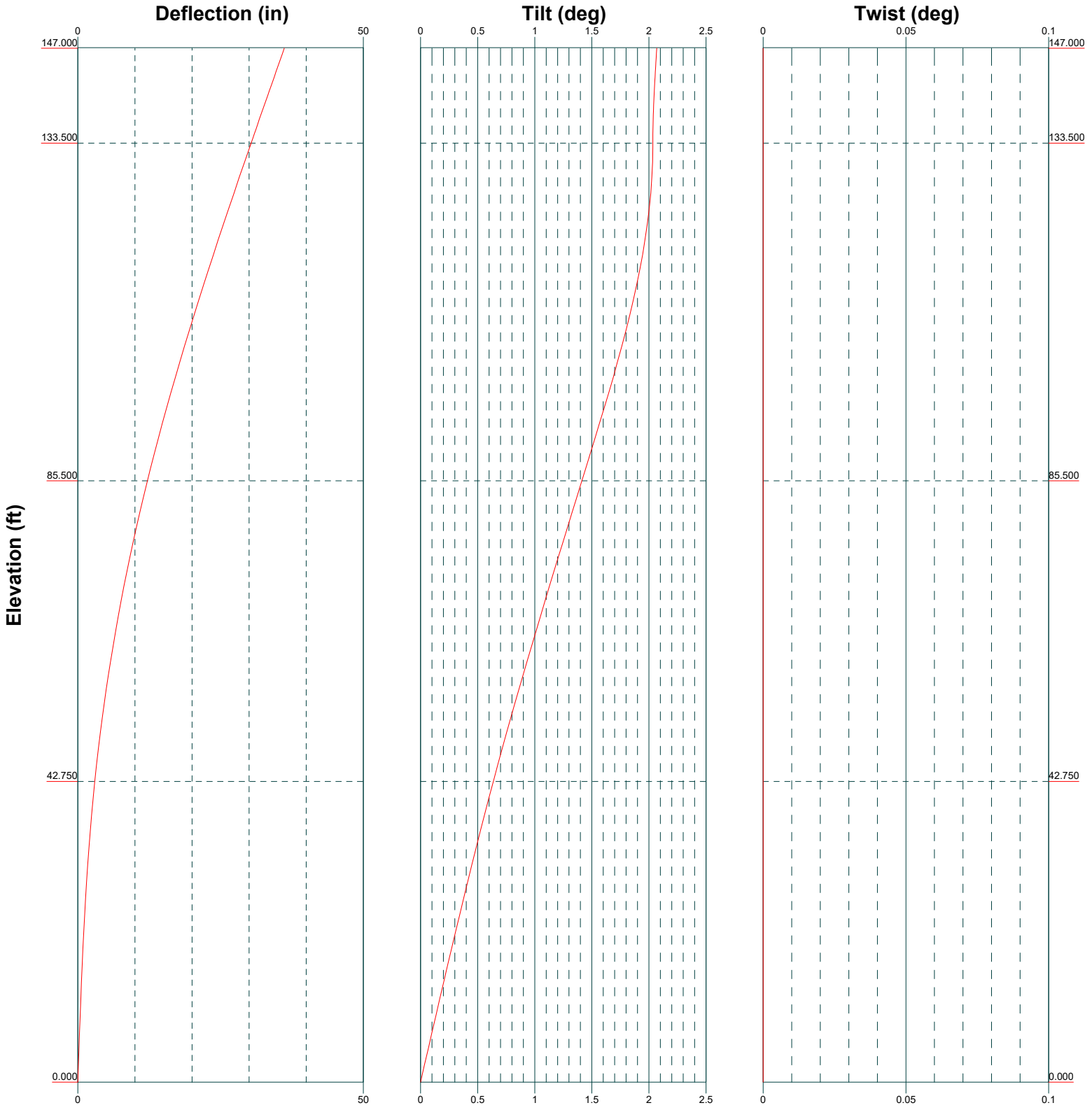
Project:			
Client: Crown Castle	Drawn by: R AITHAL	App'd:	
Code: TIA-222-H	Date: 06/30/22	Scale: NTS	
Path: G:\SA jobs\30-06-2022--\100049_876310_Beaumont Farm------Ranjith----Sunil-\Tnx_006_01\100049_006_01_BEAUMONT FARM_CT.eri		Dwg No. E-4	

TIA-222-H - Service - 60 mph

Maximum Values



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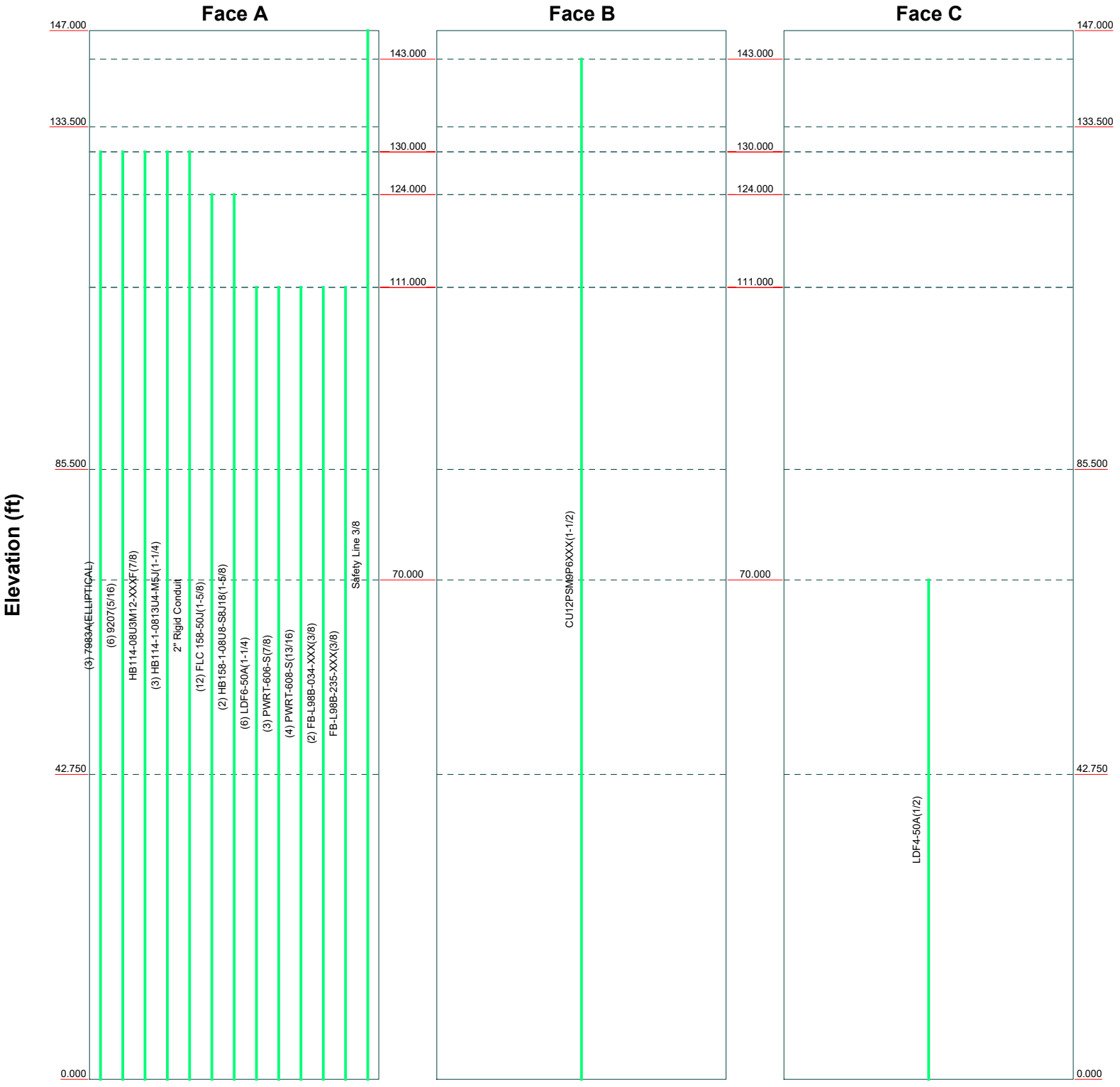
Job: 100049.006.01 - BEAUMONT FARM, CT (BU# 87631			
Project:			
Client: Crown Castle	Drawn by: R AITHAL	App'd:	
Code: TIA-222-H	Date: 06/30/22	Scale: NTS	
Path: G:\SA jobs\30-06-2022--\100049_876310_Beaumont Farm------Ranjith----Sunil-\Tnx_006_01\100049_006_01_BEAUMONT FARM_CT.eri		Dwg No. E-5	

Feed Line Distribution Chart
0' - 147'

Round | Flat | App In Face | App Out Face | Truss Leg



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Job: ***100049.006.01 - BEAUMONT FARM, CT (BU# 87631***		
Project:		
Client: Crown Castle	Drawn by: R AITHAL	App'd:
Code: TIA-222-H	Date: 06/30/22	Scale: NTS
Path: G:\SA jobs\30-06-2022--\100049_876310_Beaumont Farm------Ranjith----Sunil-\Tnx_006_01\100049_006_01_BEAUMONT FARM_CT.eri		Dwg No. E-7

Tower Input Data

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

Tower is located in New Haven County, Connecticut.
Tower base elevation above sea level: 244.000 ft.
Basic wind speed of 120 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	147.000-133.500	13.500	0.000	Round	12.750	12.750	0.500		A53-B-35 (35 ksi)
L2	133.500-133.000	0.500	0.000	Round	12.750	19.537	0.500		A53-B-35 (35 ksi)
L3	133.000-85.500	47.500	3.750	12	19.537	29.418	0.313	1.250	A607-65 (65 ksi)
L4	85.500-42.750	46.500	4.750	12	28.013	37.687	0.375	1.500	A607-65 (65 ksi)
L5	42.750-0.000	47.500		12	35.949	45.830	0.438	1.750	A607-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	12.750	19.242	361.544	4.335	6.375	56.713	723.088	9.615	0.000	0
	12.750	19.242	361.544	4.335	6.375	56.713	723.088	9.615	0.000	0
L2	12.750	19.242	361.544	4.335	6.375	56.713	723.088	9.615	0.000	0
	19.537	29.903	1355.579	6.733	9.768	138.770	2711.158	14.943	0.000	0
L3	20.116	19.345	912.551	6.882	10.120	90.172	1849.075	9.521	4.398	14.075
	30.346	29.287	3166.774	10.420	15.239	207.814	6416.742	14.414	7.047	22.549
L4	29.677	33.373	3253.788	9.894	14.511	224.234	6593.056	16.425	6.502	17.34
	38.884	45.054	8006.057	13.358	19.522	410.107	16222.442	22.174	9.095	24.254
L5	38.086	50.027	8052.285	12.713	18.621	432.419	16316.113	24.622	8.462	19.341
	47.292	63.947	16817.916	16.251	23.740	708.423	34077.658	31.473	11.110	25.394

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 147.000-133.500				1	1	1			
L2 133.500-133.000				1	1	1			
L3 133.000-85.500				1	1	1			
L4 85.500-42.750				1	1	1			
L5 42.750-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

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

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 klf
*									
CU12PSM9P6XXX(1-1/2)	B	No	No	Inside Pole	143.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.002 0.002 0.002
*									
7983A(ELLIPTICAL)	A	No	No	Inside Pole	130.000 - 0.000	3	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.000 0.000 0.000
9207(5/16)	A	No	No	Inside Pole	130.000 - 0.000	6	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
HB114-08U3M12-XXXF(7/8)	A	No	No	Inside Pole	130.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
HB114-1-0813U4-M5J(1-1/4)	A	No	No	Inside Pole	130.000 - 0.000	3	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
2" Rigid Conduit	A	No	No	Inside Pole	130.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.003 0.003 0.003
*									
FLC 158-50J(1-5/8)	A	No	No	Inside Pole	124.000 - 0.000	12	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
HB158-1-08U8-S8J18(1-5/8)	A	No	No	Inside Pole	124.000 - 0.000	2	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
*									
LDF6-50A(1-1/4)	A	No	No	Inside Pole	111.000 - 0.000	6	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
PWRT-606-S(7/8)	A	No	No	Inside Pole	111.000 - 0.000	3	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
PWRT-608-S(13/16)	A	No	No	Inside Pole	111.000 - 0.000	4	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	111.000 - 0.000	2	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.000 0.000 0.000
FB-L98B-235-XXX(3/8)	A	No	No	Inside Pole	111.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.000 0.000 0.000
*									
LDF4-50A(1/2)	C	No	No	Inside Pole	70.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.000 0.000 0.000
*									
Safety Line 3/8	A	No	No	CaAa (Out	147.000 - 0.000	1	No Ice	0.037	0.000

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
				Of Face)			1/2" Ice	0.137	0.001
							1" Ice	0.238	0.001
*									

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	147.000-133.500	A	0.000	0.000	0.000	0.506	0.003
		B	0.000	0.000	0.000	0.000	0.022
		C	0.000	0.000	0.000	0.000	0.000
L2	133.500-133.000	A	0.000	0.000	0.000	0.019	0.000
		B	0.000	0.000	0.000	0.000	0.001
		C	0.000	0.000	0.000	0.000	0.000
L3	133.000-85.500	A	0.000	0.000	0.000	1.781	1.250
		B	0.000	0.000	0.000	0.000	0.112
		C	0.000	0.000	0.000	0.000	0.000
L4	85.500-42.750	A	0.000	0.000	0.000	1.603	1.441
		B	0.000	0.000	0.000	0.000	0.100
		C	0.000	0.000	0.000	0.000	0.004
L5	42.750-0.000	A	0.000	0.000	0.000	1.603	1.441
		B	0.000	0.000	0.000	0.000	0.100
		C	0.000	0.000	0.000	0.000	0.006

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	147.000-133.500	A	0.982	0.000	0.000	0.000	3.159	0.017
		B		0.000	0.000	0.000	0.000	0.022
		C		0.000	0.000	0.000	0.000	0.000
L2	133.500-133.000	A	0.977	0.000	0.000	0.000	0.116	0.001
		B		0.000	0.000	0.000	0.000	0.001
		C		0.000	0.000	0.000	0.000	0.000
L3	133.000-85.500	A	0.957	0.000	0.000	0.000	10.872	1.298
		B		0.000	0.000	0.000	0.000	0.112
		C		0.000	0.000	0.000	0.000	0.000
L4	85.500-42.750	A	0.908	0.000	0.000	0.000	9.785	1.485
		B		0.000	0.000	0.000	0.000	0.100
		C		0.000	0.000	0.000	0.000	0.004
L5	42.750-0.000	A	0.814	0.000	0.000	0.000	9.363	1.483
		B		0.000	0.000	0.000	0.000	0.100
		C		0.000	0.000	0.000	0.000	0.006

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	147.000-133.500	0.000	-0.464	0.000	-0.942
L2	133.500-133.000	0.000	-0.471	0.000	-0.994
L3	133.000-85.500	0.000	-0.252	0.000	-0.952
L4	85.500-42.750	0.000	-0.253	0.000	-0.991
L5	42.750-0.000	0.000	-0.253	0.000	-0.974

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
*									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	8.010 8.520 9.040	4.230 4.690 5.160	0.108 0.194 0.292
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	8.010 8.520 9.040	4.230 4.690 5.160	0.108 0.194 0.292
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	8.010 8.520 9.040	4.230 4.690 5.160	0.108 0.194 0.292
TA08025-B604	A	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B604	B	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B604	C	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B605	A	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
TA08025-B605	B	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
TA08025-B605	C	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
RDIDC-9181-PF-48	A	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	2.012 2.189 2.373	1.168 1.311 1.461	0.022 0.040 0.060
(2) 8' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
(2) 8' x 2" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) 8' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	143.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
Commscope_MC-PK8-DSH	C	None		0.000	143.000	No Ice 1/2" Ice 1" Ice	34.240 62.950 91.660	34.240 62.950 91.660	1.749 2.099 2.450
*									
LLPX310R-V1 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	3.880 4.290 4.720	2.360 2.730 3.120	0.057 0.091 0.133
LLPX310R-V1 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	3.880 4.290 4.720	2.360 2.730 3.120	0.057 0.091 0.133
LLPX310R-V1 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	3.880 4.290 4.720	2.360 2.730 3.120	0.057 0.091 0.133
RRH-2WB	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	2.305 2.496 2.695	0.783 0.917 1.058	0.044 0.059 0.077
RRH-2WB	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	2.305 2.496 2.695	0.783 0.917 1.058	0.044 0.059 0.077
RRH-2WB	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	2.305 2.496 2.695	0.783 0.917 1.058	0.044 0.059 0.077
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APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.090 4.480 4.880	2.860 3.230 3.610	0.077 0.127 0.185
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.090 4.480 4.880	2.860 3.230 3.610	0.077 0.127 0.185
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.090 4.480 4.880	2.860 3.230 3.610	0.077 0.127 0.185
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.600 5.050 5.500	4.010 4.450 4.890	0.095 0.160 0.235
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.600 5.050 5.500	4.010 4.450 4.890	0.095 0.160 0.235
APXV9ERR18-C-A20 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.600 5.050 5.500	4.010 4.450 4.890	0.095 0.160 0.235
TD-RRH8X20-25	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.045 4.298 4.557	1.535 1.714 1.901	0.070 0.097 0.128
TD-RRH8X20-25	B	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.045 4.298 4.557	1.535 1.714 1.901	0.070 0.097 0.128
TD-RRH8X20-25	C	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	4.045 4.298 4.557	1.535 1.714 1.901	0.070 0.097 0.128
1900MHZ RRH (65MHZ)	A	From Leg	4.000 0.000 0.000	0.000	130.000	No Ice 1/2" Ice 1" Ice	2.313 2.517 2.728	2.375 2.581 2.794	0.060 0.084 0.111
1900MHZ RRH (65MHZ)	B	From Leg	4.000	0.000	130.000	No Ice	2.313	2.375	0.060

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1/2" Ice	2.517	2.581	0.084
			0.000			1" Ice	2.728	2.794	0.111
1900MHZ RRH (65MHZ)	C	From Leg	4.000	0.000	130.000	No Ice	2.313	2.375	0.060
			0.000			1/2" Ice	2.517	2.581	0.084
			0.000			1" Ice	2.728	2.794	0.111
800 EXTERNAL NOTCH FILTER	A	From Leg	4.000	0.000	130.000	No Ice	0.660	0.321	0.011
			0.000			1/2" Ice	0.763	0.398	0.017
			0.000			1" Ice	0.873	0.483	0.024
800 EXTERNAL NOTCH FILTER	B	From Leg	4.000	0.000	130.000	No Ice	0.660	0.321	0.011
			0.000			1/2" Ice	0.763	0.398	0.017
			0.000			1" Ice	0.873	0.483	0.024
800 EXTERNAL NOTCH FILTER	C	From Leg	4.000	0.000	130.000	No Ice	0.660	0.321	0.011
			0.000			1/2" Ice	0.763	0.398	0.017
			0.000			1" Ice	0.873	0.483	0.024
(3) ACU-A20-N	A	From Leg	4.000	0.000	130.000	No Ice	0.067	0.117	0.001
			0.000			1/2" Ice	0.104	0.162	0.002
			0.000			1" Ice	0.148	0.215	0.004
(3) ACU-A20-N	B	From Leg	4.000	0.000	130.000	No Ice	0.067	0.117	0.001
			0.000			1/2" Ice	0.104	0.162	0.002
			0.000			1" Ice	0.148	0.215	0.004
(3) ACU-A20-N	C	From Leg	4.000	0.000	130.000	No Ice	0.067	0.117	0.001
			0.000			1/2" Ice	0.104	0.162	0.002
			0.000			1" Ice	0.148	0.215	0.004
800MHZ RRH	A	From Leg	4.000	0.000	130.000	No Ice	2.134	1.773	0.053
			0.000			1/2" Ice	2.320	1.946	0.074
			0.000			1" Ice	2.512	2.127	0.098
800MHZ RRH	B	From Leg	4.000	0.000	130.000	No Ice	2.134	1.773	0.053
			0.000			1/2" Ice	2.320	1.946	0.074
			0.000			1" Ice	2.512	2.127	0.098
800MHZ RRH	C	From Leg	4.000	0.000	130.000	No Ice	2.134	1.773	0.053
			0.000			1/2" Ice	2.320	1.946	0.074
			0.000			1" Ice	2.512	2.127	0.098
(2) 6' x 2" Mount Pipe	A	From Leg	4.000	0.000	130.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
(2) 6' x 2" Mount Pipe	B	From Leg	4.000	0.000	130.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
(2) 6' x 2" Mount Pipe	C	From Leg	4.000	0.000	130.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
Platform Mount [LP 1201-1_HR-1]	C	None		0.000	130.000	No Ice	26.390	26.390	2.356
						1/2" Ice	31.400	31.400	3.061
*						1" Ice	36.200	36.200	3.864
(2) LPA-80080-6CF-EDIN w/ Mount Pipe	A	From Leg	4.000	0.000	124.000	No Ice	4.560	10.269	0.046
			0.000			1/2" Ice	5.102	11.439	0.113
			-4.000			1" Ice	5.608	12.323	0.187
(2) LPA-80080-6CF-EDIN w/ Mount Pipe	B	From Leg	4.000	0.000	124.000	No Ice	4.560	10.269	0.046
			0.000			1/2" Ice	5.102	11.439	0.113
			-4.000			1" Ice	5.608	12.323	0.187
(2) LPA-80063/6CF w/ Mount Pipe	C	From Leg	4.000	0.000	124.000	No Ice	9.831	10.215	0.052
			0.000			1/2" Ice	10.400	11.384	0.145
			-4.000			1" Ice	10.933	12.269	0.246
RRFDC-3315-PF-48	A	From Leg	4.000	0.000	124.000	No Ice	3.364	2.192	0.021
			0.000			1/2" Ice	3.597	2.395	0.050
			2.000			1" Ice	3.838	2.606	0.082

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
RRFDC-3315-PF-48	C	From Leg	4.000 0.000 2.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	3.364 3.597 3.838	2.192 2.395 2.606	0.021 0.050 0.082
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	6.540 7.060 7.600	5.550 6.050 6.570	0.103 0.185 0.277
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	6.540 7.060 7.600	5.550 6.050 6.570	0.103 0.185 0.277
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	6.540 7.060 7.600	5.550 6.050 6.570	0.103 0.185 0.277
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	4.907 5.256 5.615	2.682 3.145 3.624	0.096 0.136 0.180
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	4.907 5.256 5.615	2.682 3.145 3.624	0.096 0.136 0.180
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	4.907 5.256 5.615	2.682 3.145 3.624	0.096 0.136 0.180
RF4439D-25A	A	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	1.865 2.035 2.212	1.252 1.394 1.544	0.075 0.093 0.114
RF4439D-25A	B	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	1.865 2.035 2.212	1.252 1.394 1.544	0.075 0.093 0.114
RF4439D-25A	C	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	1.865 2.035 2.212	1.252 1.394 1.544	0.075 0.093 0.114
RF4440D-13A	A	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	1.865 2.035 2.212	1.129 1.267 1.411	0.073 0.090 0.110
RF4440D-13A	B	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	1.865 2.035 2.212	1.129 1.267 1.411	0.073 0.090 0.110
RF4440D-13A	C	From Leg	4.000 0.000 -4.000	0.000	124.000	No Ice 1/2" Ice 1" Ice	1.865 2.035 2.212	1.129 1.267 1.411	0.073 0.090 0.110
Side Arm Mount [SO 103-3]	C	None		0.000	124.000	No Ice 1/2" Ice 1" Ice	7.640 8.800 10.160	7.640 8.800 10.160	0.234 0.360 0.517
Platform Mount [LP 1201-1_KCKR-HR-1] *	C	None		0.000	124.000	No Ice 1/2" Ice 1" Ice	37.610 45.620 53.590	37.610 45.620 53.590	2.631 3.478 4.462
RRUS 32 B30	A	From Leg	4.000 0.000 1.000	0.000	111.000	No Ice 1/2" Ice 1" Ice	2.692 2.912 3.138	1.573 1.756 1.945	0.060 0.080 0.104
RRUS 32 B30	B	From Leg	4.000 0.000 1.000	0.000	111.000	No Ice 1/2" Ice 1" Ice	2.692 2.912 3.138	1.573 1.756 1.945	0.060 0.080 0.104
RRUS 32 B30	C	From Leg	4.000 0.000 1.000	0.000	111.000	No Ice 1/2" Ice 1" Ice	2.692 2.912 3.138	1.573 1.756 1.945	0.060 0.080 0.104
(2) DC6-48-60-18-8F	A	From Leg	4.000 0.000	0.000	111.000	No Ice 1/2" Ice	1.212 1.892	1.212 1.892	0.033 0.055

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			1.000			1" Ice	2.105	2.105	0.080
RRUS 4426 B66	A	From Leg	4.000	0.000	111.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			1.000			1" Ice	1.972	0.969	0.076
RRUS 4426 B66	B	From Leg	4.000	0.000	111.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			1.000			1" Ice	1.972	0.969	0.076
RRUS 4426 B66	C	From Leg	4.000	0.000	111.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			1.000			1" Ice	1.972	0.969	0.076
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.000	0.000	111.000	No Ice	11.960	5.970	0.115
			0.000			1/2" Ice	12.700	6.630	0.201
			1.000			1" Ice	13.460	7.300	0.298
DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.000	0.000	111.000	No Ice	11.960	5.970	0.115
			0.000			1/2" Ice	12.700	6.630	0.201
			1.000			1" Ice	13.460	7.300	0.298
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.000	0.000	111.000	No Ice	11.960	5.970	0.115
			0.000			1/2" Ice	12.700	6.630	0.201
			1.000			1" Ice	13.460	7.300	0.298
TPA65R-BU6D_CCIV2 w/ Mount Pipe	A	From Leg	4.000	0.000	111.000	No Ice	11.960	5.970	0.094
			0.000			1/2" Ice	12.700	6.630	0.181
			1.000			1" Ice	13.460	7.300	0.278
TPA65R-BU6D_CCIV2 w/ Mount Pipe	B	From Leg	4.000	0.000	111.000	No Ice	11.960	5.970	0.094
			0.000			1/2" Ice	12.700	6.630	0.181
			1.000			1" Ice	13.460	7.300	0.278
TPA65R-BU6D_CCIV2 w/ Mount Pipe	C	From Leg	4.000	0.000	111.000	No Ice	11.960	5.970	0.094
			0.000			1/2" Ice	12.700	6.630	0.181
			1.000			1" Ice	13.460	7.300	0.278
AIR 6419 B77G_CCIV2	A	From Leg	4.000	0.000	111.000	No Ice	4.760	2.210	0.066
			0.000			1/2" Ice	5.230	2.590	0.094
			3.000			1" Ice	5.710	2.980	0.125
AIR 6419 B77G_CCIV2	B	From Leg	4.000	0.000	111.000	No Ice	4.760	2.210	0.066
			0.000			1/2" Ice	5.230	2.590	0.094
			3.000			1" Ice	5.710	2.980	0.125
AIR 6419 B77G_CCIV2	C	From Leg	4.000	0.000	111.000	No Ice	4.760	2.210	0.066
			0.000			1/2" Ice	5.230	2.590	0.094
			3.000			1" Ice	5.710	2.980	0.125
AIR 6449 B77D	A	From Leg	4.000	0.000	111.000	No Ice	3.640	1.720	0.082
			0.000			1/2" Ice	4.000	2.020	0.111
			-1.000			1" Ice	4.370	2.330	0.145
AIR 6449 B77D	B	From Leg	4.000	0.000	111.000	No Ice	3.640	1.720	0.082
			0.000			1/2" Ice	4.000	2.020	0.111
			-1.000			1" Ice	4.370	2.330	0.145
AIR 6449 B77D	C	From Leg	4.000	0.000	111.000	No Ice	3.640	1.720	0.082
			0.000			1/2" Ice	4.000	2.020	0.111
			-1.000			1" Ice	4.370	2.330	0.145
DC9-48-60-24-8C-EV_CCIV 2	A	From Leg	4.000	0.000	111.000	No Ice	2.736	2.736	0.016
			0.000			1/2" Ice	2.962	2.962	0.042
			1.000			1" Ice	3.195	3.195	0.071
RRUS 4478 B14_CCIV2	A	From Leg	4.000	0.000	111.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			1.000			1" Ice	2.386	1.554	0.097
RRUS 4478 B14_CCIV2	B	From Leg	4.000	0.000	111.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			1.000			1" Ice	2.386	1.554	0.097
RRUS 4478 B14_CCIV2	C	From Leg	4.000	0.000	111.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			1.000			1" Ice	2.386	1.554	0.097
RRUS 4415 B25_CCIV2	A	From Leg	4.000	0.000	111.000	No Ice	1.843	0.820	0.046
			0.000			1/2" Ice	2.012	0.943	0.060
			1.000			1" Ice	2.190	1.075	0.077
RRUS 4415 B25_CCIV2	B	From Leg	4.000	0.000	111.000	No Ice	1.843	0.820	0.046
			0.000			1/2" Ice	2.012	0.943	0.060
			1.000			1" Ice	2.190	1.075	0.077
RRUS 4415 B25_CCIV2	C	From Leg	4.000	0.000	111.000	No Ice	1.843	0.820	0.046
			0.000			1/2" Ice	2.012	0.943	0.060
			1.000			1" Ice	2.190	1.075	0.077
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	111.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			1.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	111.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			1.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	111.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			1.000			1" Ice	2.328	1.727	0.111
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	111.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	111.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	111.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
8' x 2" Mount Pipe	A	From Leg	4.000	0.000	111.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
8' x 2" Mount Pipe	B	From Leg	4.000	0.000	111.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
8' x 2" Mount Pipe	C	From Leg	4.000	0.000	111.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
Platform Mount [LP 1201-1_HR-1]	C	None		0.000	111.000	No Ice	26.390	26.390	2.356
						1/2" Ice	31.400	31.400	3.061
						1" Ice	36.200	36.200	3.864
T-Arm Mount [TA 702-3]	C	None		0.000	111.000	No Ice	4.750	4.750	0.339
						1/2" Ice	5.820	5.820	0.432
						1" Ice	6.980	6.980	0.550
*									
OG-860/1920/GPS-A	B	From Leg	3.000	0.000	70.000	No Ice	0.308	0.367	0.003
			0.000			1/2" Ice	0.395	0.457	0.007
			0.000			1" Ice	0.490	0.555	0.011
Side Arm Mount [SO 701-1]	B	From Leg	1.500	0.000	70.000	No Ice	0.850	1.670	0.065
			0.000			1/2" Ice	1.140	2.340	0.079
			0.000			1" Ice	1.430	3.010	0.093
*									
*									

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft²	Weight K
*											
VHLP1-23-DW1	B	Paraboloid w/Shroud (HP)	From Leg	4.000 0.000 4.000	-20.000		130.000		No Ice 1/2" Ice 1" Ice	1.280 1.450 1.630	0.000 0.000 0.000
VHLP800-11	B	Paraboloid w/Shroud (HP)	From Leg	4.000 0.000 1.000	1.000		130.000	2.917	No Ice 1/2" Ice 1" Ice	6.681 7.069 7.456	0.022 0.058 0.094
VHLP2-23	C	Paraboloid w/Shroud (HP)	From Leg	4.000 0.000 4.000	-30.000		130.000	2.175	No Ice 1/2" Ice 1" Ice	3.715 4.006 4.296	0.031 0.052 0.072
*											

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

Comb. No.	Description
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	147 - 133.5	Pole	Max Tension	48	0.000	-0.000	-0.000
			Max. Compression	26	-6.320	0.310	0.130
			Max. Mx	20	-3.709	39.680	-0.014
			Max. My	2	-3.704	0.038	39.872
			Max. Vy	20	-4.507	39.680	-0.014
			Max. Vx	2	-4.574	0.038	39.872
			Max. Torque	25			0.545
L2	133.5 - 133	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-6.383	0.310	0.131
			Max. Mx	20	-3.759	41.938	-0.047
			Max. My	2	-3.754	0.008	42.163
			Max. Vy	20	-4.530	41.938	-0.047
			Max. Vx	2	-4.596	0.008	42.163
			Max. Torque	25			0.545
L3	133 - 85.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-41.209	0.830	1.188
			Max. Mx	20	-23.282	906.814	-3.368
			Max. My	2	-23.331	-0.220	899.717
			Max. Vy	20	-26.913	906.814	-3.368
			Max. Vx	2	-26.670	-0.220	899.717
			Max. Torque	9			1.107
L4	85.5 - 42.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-51.904	0.534	1.089
			Max. Mx	20	-33.441	2102.036	-9.461
			Max. My	2	-33.465	-3.063	2085.413
			Max. Vy	20	-30.285	2102.036	-9.461
			Max. Vx	2	-30.067	-3.063	2085.413
			Max. Torque	9			1.141
L5	42.75 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-68.158	0.534	1.188
			Max. Mx	20	-48.990	3619.052	-16.370
			Max. My	2	-48.991	-6.360	3592.354
			Max. Vy	20	-33.348	3619.052	-16.370
			Max. Vx	2	-33.143	-6.360	3592.354
			Max. Torque	9			1.155

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	68.158	8.518	-0.026
	Max. H_x	20	49.031	33.288	-0.141
	Max. H_z	2	49.031	-0.068	33.084
	Max. M_x	2	3592.354	-0.068	33.084
	Max. M_z	8	3606.948	-33.203	0.213
	Max. Torsion	9	1.155	-33.203	0.213
	Min. Vert	5	36.773	-16.811	28.700
	Min. H_x	9	36.773	-33.203	0.213
	Min. H_z	14	49.031	0.125	-33.019
	Min. M_x	14	-3582.147	0.125	-33.019
	Min. M_z	20	-3619.052	33.288	-0.141
	Min. Torsion	21	-1.050	33.288	-0.141

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	40.859	0.000	0.000	-0.352	-0.001	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	49.031	0.068	-33.084	-3592.354	-6.360	-0.084
0.9 Dead+1.0 Wind 0 deg - No Ice	36.773	0.068	-33.084	-3520.135	-6.269	-0.082
1.2 Dead+1.0 Wind 30 deg - No Ice	49.031	16.811	-28.700	-3116.291	-1830.434	-0.145
0.9 Dead+1.0 Wind 30 deg - No Ice	36.773	16.811	-28.700	-3053.636	-1793.678	-0.146
1.2 Dead+1.0 Wind 60 deg - No Ice	49.031	28.900	-16.651	-1808.983	-3142.697	-0.765
0.9 Dead+1.0 Wind 60 deg - No Ice	36.773	28.900	-16.651	-1772.571	-3079.610	-0.770
1.2 Dead+1.0 Wind 90 deg - No Ice	49.031	33.203	-0.213	-27.686	-3606.948	-1.147
0.9 Dead+1.0 Wind 90 deg - No Ice	36.773	33.203	-0.213	-26.991	-3534.556	-1.155
1.2 Dead+1.0 Wind 120 deg - No Ice	49.031	28.644	16.363	1772.992	-3109.825	-0.642
0.9 Dead+1.0 Wind 120 deg - No Ice	36.773	28.644	16.363	1737.532	-3047.411	-0.649
1.2 Dead+1.0 Wind 150 deg - No Ice	49.031	16.459	28.491	3089.157	-1786.137	-0.380
0.9 Dead+1.0 Wind 150 deg - No Ice	36.773	16.459	28.491	3027.286	-1750.284	-0.383
1.2 Dead+1.0 Wind 180 deg - No Ice	49.031	-0.125	33.019	3582.147	14.550	-0.306
0.9 Dead+1.0 Wind 180 deg - No Ice	36.773	-0.125	33.019	3510.400	14.265	-0.306
1.2 Dead+1.0 Wind 210 deg - No Ice	49.031	-16.740	28.691	3113.973	1820.301	-0.035
0.9 Dead+1.0 Wind 210 deg - No Ice	36.773	-16.740	28.691	3051.615	1783.761	-0.031
1.2 Dead+1.0 Wind 240 deg - No Ice	49.031	-28.933	16.560	1795.061	3147.345	0.864

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
0.9 Dead+1.0 Wind 240 deg - No Ice	36.773	-28.933	16.560	1759.201	3084.148	0.869
1.2 Dead+1.0 Wind 270 deg - No Ice	49.031	-33.288	0.141	16.371	3619.052	1.045
0.9 Dead+1.0 Wind 270 deg - No Ice	36.773	-33.288	0.141	16.167	3546.403	1.050
1.2 Dead+1.0 Wind 300 deg - No Ice	49.031	-28.750	-16.375	-1775.446	3124.922	0.794
0.9 Dead+1.0 Wind 300 deg - No Ice	36.773	-28.750	-16.375	-1739.698	3062.161	0.798
1.2 Dead+1.0 Wind 330 deg - No Ice	49.031	-16.502	-28.582	-3103.034	1792.269	0.333
0.9 Dead+1.0 Wind 330 deg - No Ice	36.773	-16.502	-28.582	-3040.613	1756.272	0.336
1.2 Dead+1.0 Ice+1.0 Temp	68.158	-0.000	-0.000	-1.188	0.534	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	68.158	0.012	-8.483	-972.354	-0.380	-0.001
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	68.158	4.290	-7.355	-843.159	-491.453	-0.149
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	68.158	7.390	-4.261	-489.153	-846.270	-0.381
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	68.158	8.501	-0.040	-6.677	-972.908	-0.502
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	68.158	7.341	4.208	479.817	-839.754	-0.368
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	68.158	4.224	7.316	835.356	-482.870	-0.215
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	68.158	-0.023	8.470	967.716	3.250	-0.064
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	68.158	-4.276	7.353	840.121	490.604	0.125
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	68.158	-7.396	4.244	483.772	848.467	0.397
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	68.158	-8.518	0.026	1.807	976.691	0.468
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	68.158	-7.362	-4.210	-482.803	844.181	0.387
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	68.158	-4.233	-7.334	-840.749	485.386	0.205
Dead+Wind 0 deg - Service	40.859	0.016	-7.797	-838.613	-1.479	-0.012
Dead+Wind 30 deg - Service	40.859	3.962	-6.764	-727.570	-427.170	-0.035
Dead+Wind 60 deg - Service	40.859	6.811	-3.924	-422.481	-733.446	-0.197
Dead+Wind 90 deg - Service	40.859	7.825	-0.050	-6.743	-841.741	-0.297
Dead+Wind 120 deg - Service	40.859	6.751	3.857	413.472	-725.719	-0.173
Dead+Wind 150 deg - Service	40.859	3.879	6.715	720.604	-416.809	-0.097
Dead+Wind 180 deg - Service	40.859	-0.030	7.782	835.643	3.397	-0.065
Dead+Wind 210 deg - Service	40.859	-3.945	6.762	726.444	424.815	0.006
Dead+Wind 240 deg - Service	40.859	-6.819	3.903	418.656	734.539	0.218
Dead+Wind 270 deg - Service	40.859	-7.846	0.033	3.525	844.600	0.257
Dead+Wind 300 deg - Service	40.859	-6.776	-3.859	-414.637	729.268	0.195
Dead+Wind 330 deg - Service	40.859	-3.889	-6.736	-724.435	418.262	0.086

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.000	-40.859	0.000	0.000	40.859	0.000	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
2	0.068	-49.031	-33.084	-0.068	49.031	33.084	0.000%
3	0.068	-36.773	-33.084	-0.068	36.773	33.084	0.000%
4	16.811	-49.031	-28.700	-16.811	49.031	28.700	0.000%
5	16.811	-36.773	-28.700	-16.811	36.773	28.700	0.000%
6	28.900	-49.031	-16.651	-28.900	49.031	16.651	0.000%
7	28.900	-36.773	-16.651	-28.900	36.773	16.651	0.000%
8	33.203	-49.031	-0.213	-33.203	49.031	0.213	0.000%
9	33.203	-36.773	-0.213	-33.203	36.773	0.213	0.000%
10	28.644	-49.031	16.363	-28.644	49.031	-16.363	0.000%
11	28.644	-36.773	16.363	-28.644	36.773	-16.363	0.000%
12	16.459	-49.031	28.491	-16.459	49.031	-28.491	0.000%
13	16.459	-36.773	28.491	-16.459	36.773	-28.491	0.000%
14	-0.125	-49.031	33.019	0.125	49.031	-33.019	0.000%
15	-0.125	-36.773	33.019	0.125	36.773	-33.019	0.000%
16	-16.740	-49.031	28.691	16.740	49.031	-28.691	0.000%
17	-16.740	-36.773	28.691	16.740	36.773	-28.691	0.000%
18	-28.933	-49.031	16.560	28.933	49.031	-16.560	0.000%
19	-28.933	-36.773	16.560	28.933	36.773	-16.560	0.000%
20	-33.288	-49.031	0.141	33.288	49.031	-0.141	0.000%
21	-33.288	-36.773	0.141	33.288	36.773	-0.141	0.000%
22	-28.750	-49.031	-16.375	28.750	49.031	16.375	0.000%
23	-28.750	-36.773	-16.375	28.750	36.773	16.375	0.000%
24	-16.502	-49.031	-28.582	16.502	49.031	28.582	0.000%
25	-16.502	-36.773	-28.582	16.502	36.773	28.582	0.000%
26	0.000	-68.158	0.000	0.000	68.158	0.000	0.000%
27	0.012	-68.158	-8.483	-0.012	68.158	8.483	0.000%
28	4.290	-68.158	-7.355	-4.290	68.158	7.355	0.000%
29	7.390	-68.158	-4.261	-7.390	68.158	4.261	0.000%
30	8.501	-68.158	-0.040	-8.501	68.158	0.040	0.000%
31	7.341	-68.158	4.208	-7.341	68.158	-4.208	0.000%
32	4.224	-68.158	7.316	-4.224	68.158	-7.316	0.000%
33	-0.023	-68.158	8.470	0.023	68.158	-8.470	0.000%
34	-4.276	-68.158	7.353	4.276	68.158	-7.353	0.000%
35	-7.396	-68.158	4.244	7.396	68.158	-4.244	0.000%
36	-8.518	-68.158	0.026	8.518	68.158	-0.026	0.000%
37	-7.362	-68.158	-4.210	7.362	68.158	4.210	0.000%
38	-4.233	-68.158	-7.334	4.233	68.158	7.334	0.000%
39	0.016	-40.859	-7.797	-0.016	40.859	7.797	0.000%
40	3.962	-40.859	-6.764	-3.962	40.859	6.764	0.000%
41	6.811	-40.859	-3.924	-6.811	40.859	3.924	0.000%
42	7.825	-40.859	-0.050	-7.825	40.859	0.050	0.000%
43	6.751	-40.859	3.857	-6.751	40.859	-3.857	0.000%
44	3.879	-40.859	6.715	-3.879	40.859	-6.715	0.000%
45	-0.030	-40.859	7.782	0.030	40.859	-7.782	0.000%
46	-3.945	-40.859	6.762	3.945	40.859	-6.762	0.000%
47	-6.819	-40.859	3.903	6.819	40.859	-3.903	0.000%
48	-7.846	-40.859	0.033	7.846	40.859	-0.033	0.000%
49	-6.776	-40.859	-3.859	6.776	40.859	3.859	0.000%
50	-3.889	-40.859	-6.736	3.889	40.859	6.736	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	5	0.00000001	0.00014930

3	Yes	5	0.00000001	0.00006516
4	Yes	7	0.00000001	0.00036130
5	Yes	7	0.00000001	0.00007774
6	Yes	7	0.00000001	0.00036409
7	Yes	7	0.00000001	0.00007860
8	Yes	6	0.00000001	0.00016743
9	Yes	5	0.00000001	0.00081734
10	Yes	7	0.00000001	0.00035407
11	Yes	7	0.00000001	0.00007686
12	Yes	7	0.00000001	0.00035524
13	Yes	7	0.00000001	0.00007722
14	Yes	5	0.00000001	0.00029038
15	Yes	5	0.00000001	0.00012030
16	Yes	7	0.00000001	0.00035901
17	Yes	7	0.00000001	0.00007740
18	Yes	7	0.00000001	0.00035649
19	Yes	7	0.00000001	0.00007674
20	Yes	5	0.00000001	0.00015920
21	Yes	5	0.00000001	0.00007822
22	Yes	7	0.00000001	0.00035915
23	Yes	7	0.00000001	0.00007797
24	Yes	7	0.00000001	0.00035769
25	Yes	7	0.00000001	0.00007751
26	Yes	4	0.00000001	0.00002575
27	Yes	6	0.00000001	0.00031629
28	Yes	6	0.00000001	0.00097765
29	Yes	6	0.00000001	0.00099419
30	Yes	6	0.00000001	0.00032156
31	Yes	6	0.00000001	0.00094023
32	Yes	6	0.00000001	0.00095128
33	Yes	6	0.00000001	0.00031393
34	Yes	6	0.00000001	0.00097708
35	Yes	6	0.00000001	0.00095994
36	Yes	6	0.00000001	0.00031994
37	Yes	6	0.00000001	0.00098211
38	Yes	6	0.00000001	0.00097009
39	Yes	4	0.00000001	0.00058080
40	Yes	5	0.00000001	0.00075785
41	Yes	5	0.00000001	0.00077552
42	Yes	4	0.00000001	0.00099523
43	Yes	5	0.00000001	0.00071523
44	Yes	5	0.00000001	0.00072194
45	Yes	4	0.00000001	0.00055667
46	Yes	5	0.00000001	0.00074469
47	Yes	5	0.00000001	0.00072934
48	Yes	4	0.00000001	0.00070506
49	Yes	5	0.00000001	0.00074783
50	Yes	5	0.00000001	0.00073797

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	147 - 133.5	36.163	41	2.069	0.002
L2	133.5 - 133	30.339	41	2.034	0.002
L3	133 - 85.5	30.126	41	2.033	0.002
L4	89.25 - 42.75	13.356	41	1.485	0.001
L5	47.5 - 0	3.607	41	0.714	0.000

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
143.000	MX08FRO665-21 w/ Mount Pipe	41	34.428	2.057	0.003	26940
134.000	VHLP1-23-DW1	41	30.552	2.035	0.002	11578
131.000	VHLP800-11	41	29.277	2.028	0.002	10738
130.000	LLPX310R-V1 w/ Mount Pipe	41	28.854	2.024	0.002	10338
124.000	(2) LPA-80080-6CF-EDIN w/ Mount Pipe	41	26.342	1.989	0.002	7727
111.000	RRUS 32 B30	41	21.110	1.847	0.002	4902
70.000	OG-860/1920/GPS-A	41	7.961	1.123	0.001	2896

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	147 - 133.5	154.761	20	8.893	0.008
L2	133.5 - 133	129.846	20	8.745	0.006
L3	133 - 85.5	128.935	20	8.741	0.006
L4	89.25 - 42.75	57.241	6	6.379	0.004
L5	47.5 - 0	15.465	6	3.063	0.001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
143.000	MX08FRO665-21 w/ Mount Pipe	20	147.338	8.844	0.010	6630
134.000	VHLP1-23-DW1	20	130.758	8.749	0.009	2835
131.000	VHLP800-11	20	125.302	8.717	0.009	2618
130.000	LLPX310R-V1 w/ Mount Pipe	6	123.494	8.701	0.009	2517
124.000	(2) LPA-80080-6CF-EDIN w/ Mount Pipe	6	112.762	8.548	0.008	1875
111.000	RRUS 32 B30	6	90.402	7.938	0.007	1181
70.000	OG-860/1920/GPS-A	6	34.133	4.821	0.003	684

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	147 - 133.5 (1)	TP12.75x12.75x0.5	13.500	0.000	0.0	19.242	-3.704	606.131	0.006
L2	133.5 - 133 (2)	TP19.537x12.75x0.5	0.500	0.000	0.0	19.242	-3.729	606.131	0.006
L3	133 - 85.5 (3)	TP29.418x19.537x0.313	47.500	0.000	0.0	28.503	-23.271	1667.390	0.014
L4	85.5 - 42.75 (4)	TP37.687x28.013x0.375	46.500	0.000	0.0	43.861	-33.434	2565.870	0.013
L5	42.75 - 0 (5)	TP45.83x35.949x0.438	47.500	0.000	0.0	63.947	-48.990	3740.880	0.013

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	147 - 133.5 (1)	TP12.75x12.75x0.5	39.872	197.067	0.202	0.000	197.067	0.000
L2	133.5 - 133 (2)	TP19.537x12.75x0.5	39.871	197.067	0.202	0.000	197.067	0.000
L3	133 - 85.5 (3)	TP29.418x19.537x0.313	907.817	1171.592	0.775	0.000	1171.592	0.000
L4	85.5 - 42.75 (4)	TP37.687x28.013x0.375	2105.917	2260.617	0.932	0.000	2260.617	0.000
L5	42.75 - 0 (5)	TP45.83x35.949x0.438	3626.150	4014.483	0.903	0.000	4014.483	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	147 - 133.5 (1)	TP12.75x12.75x0.5	4.574	181.839	0.025	0.493	195.841	0.003
L2	133.5 - 133 (2)	TP19.537x12.75x0.5	4.597	282.586	0.016	0.493	195.841	0.003
L3	133 - 85.5 (3)	TP29.418x19.537x0.313	26.964	500.218	0.054	0.835	1246.333	0.001
L4	85.5 - 42.75 (4)	TP37.687x28.013x0.375	30.354	769.760	0.039	0.678	2459.500	0.000
L5	42.75 - 0 (5)	TP45.83x35.949x0.438	33.413	1122.260	0.030	0.765	4481.042	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	147 - 133.5 (1)	0.006	0.202	0.000	0.025	0.003	0.209 ✔	1.050	4.8.2 ✔
L2	133.5 - 133 (2)	0.006	0.202	0.000	0.016	0.003	0.209 ✔	1.050	4.8.2 ✔
L3	133 - 85.5 (3)	0.014	0.775	0.000	0.054	0.001	0.792 ✔	1.050	4.8.2 ✔
L4	85.5 - 42.75 (4)	0.013	0.932	0.000	0.039	0.000	0.946 ✔	1.050	4.8.2 ✔
L5	42.75 - 0 (5)	0.013	0.903	0.000	0.030	0.000	0.917	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
							✔		

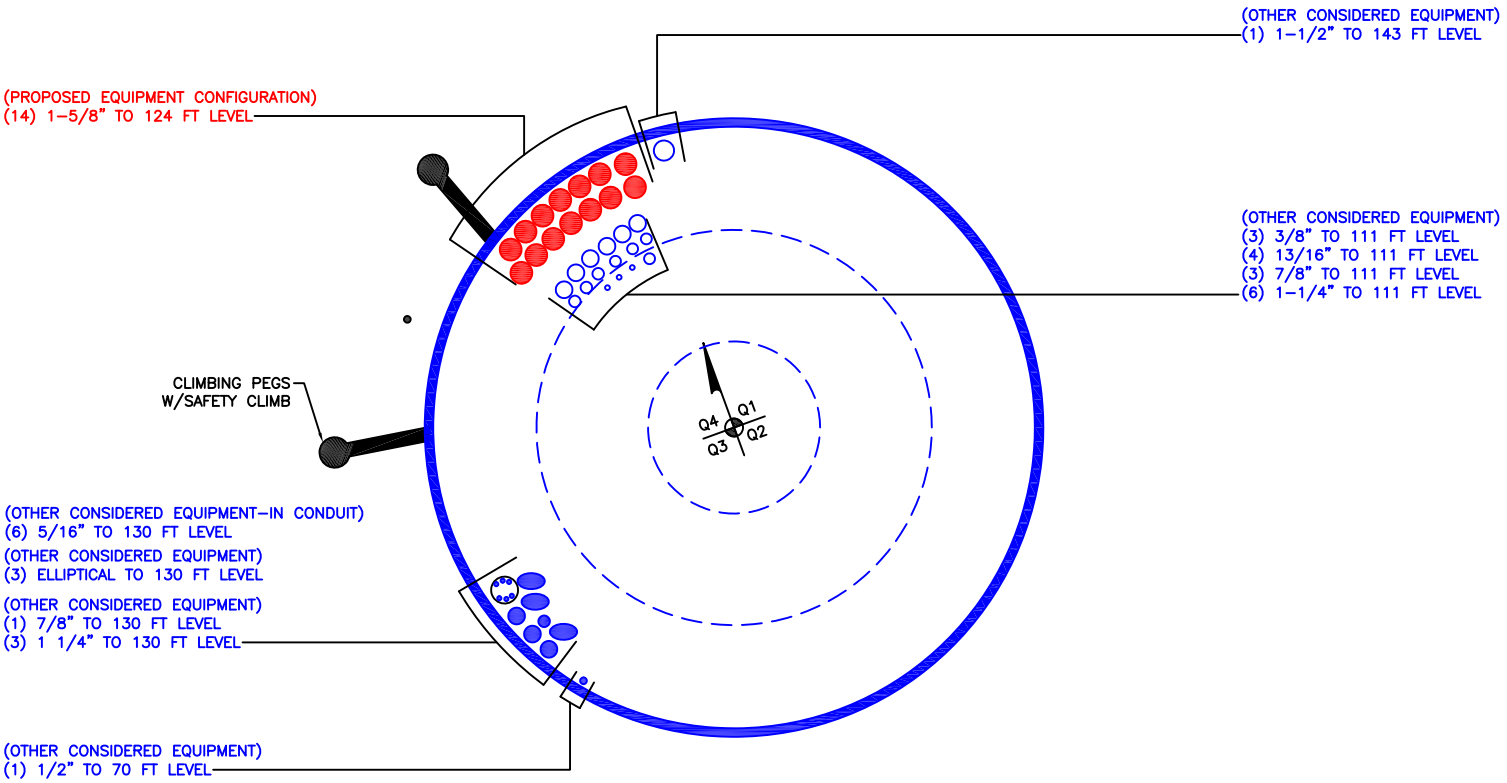
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	147 - 133.5	Pole	TP12.75x12.75x0.5	1	-3.704	636.438	19.9	Pass
L2	133.5 - 133	Pole	TP19.537x12.75x0.5	2	-3.729	636.438	19.9	Pass
L3	133 - 85.5	Pole	TP29.418x19.537x0.313	3	-23.271	1750.759	75.4	Pass
L4	85.5 - 42.75	Pole	TP37.687x28.013x0.375	4	-33.434	2694.163	90.1	Pass
L5	42.75 - 0	Pole	TP45.83x35.949x0.438	5	-48.990	3927.924	87.4	Pass
							Summary	
						Pole (L4)	90.1	Pass
						RATING =	**90.1**	**Pass**

Program Version 8.1.1.0

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 876310

APPENDIX C

ADDITIONAL CALCULATIONS

Monopole Flange Plate Connection

Elevation = 133 ft.

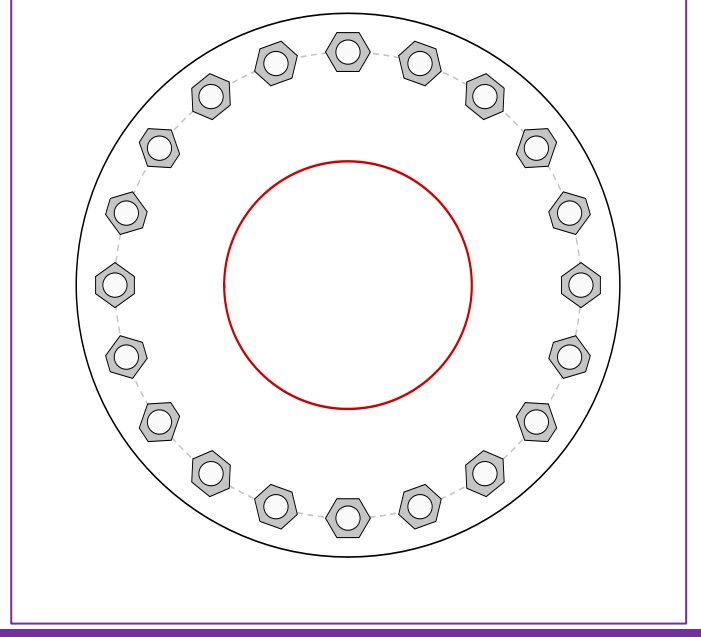
BU #	876310
Site Name	BEAUMONT FARM, CT
Order #	623010, Rev# 1

TIA-222 Revision	H

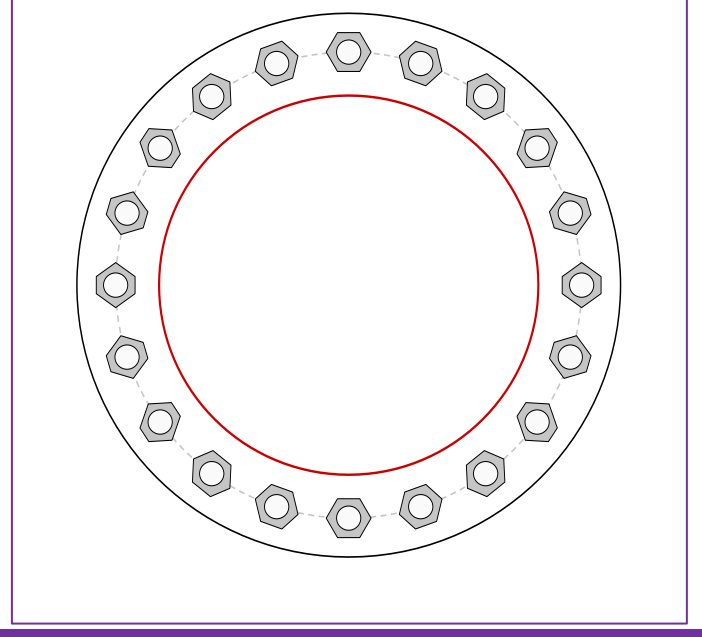
Applied Loads	
Moment (kip-ft)	42.16
Axial Force (kips)	3.75
Shear Force (kips)	4.60

**TIA-222-H Section 15.5 Applied*

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(20) 1-1/4" ø bolts (A325 N; Fy=81 ksi, Fu=120 ksi) on 24" BC

Top Plate Data

28" OD x 1" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Bottom Plate Data

28" OD x 2" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Top Stiffener Data

N/A

Bottom Stiffener Data

N/A

Top Pole Data

12.75" x 0.5" round pole (A53-B-35; Fy=35 ksi, Fu=60 ksi)

Bottom Pole Data

19.537" x 0.3125" 12-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	4.02	
Allowable (kips)	87.21	
Stress Rating:	**4.4%**	**Pass**

Top Plate Capacity

Max Stress (ksi):	18.69	(Flexural)
Allowable Stress (ksi):	45.00	
Stress Rating:	**39.6%**	**Pass**
Tension Side Stress Rating:	**48.6%**	**Pass**

Bottom Plate Capacity

Max Stress (ksi):	1.82	(Flexural)
Allowable Stress (ksi):	45.00	
Stress Rating:	**3.9%**	**Pass**
Tension Side Stress Rating:	**2.2%**	**Pass**

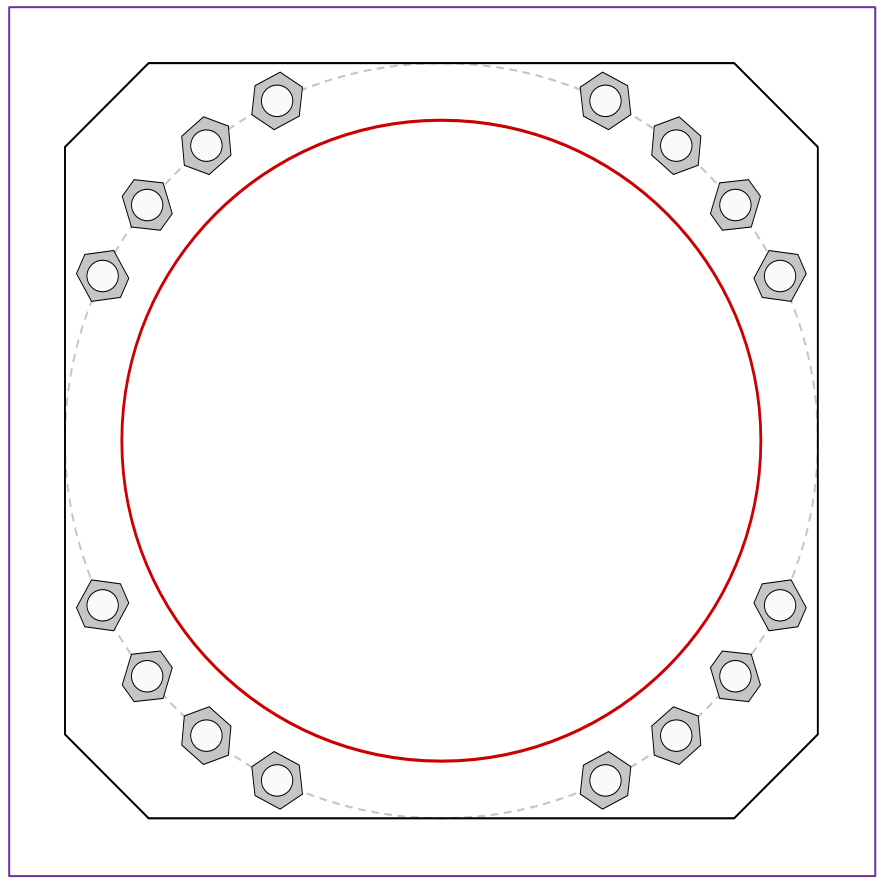
Monopole Base Plate Connection

Site Info	
BU #	876310
Site Name	BEAUMONT FARM, CT
Order #	623010, Rev# 1

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

Applied Loads	
Moment (kip-ft)	3626.15
Axial Force (kips)	48.99
Shear Force (kips)	33.41

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 54" BC

Anchor Spacing: 6 in

Base Plate Data

54" W x 3" Plate (A572-50; Fy=50 ksi, Fu=65 ksi); Clip: 6 in

Stiffener Data

N/A

Pole Data

45.83" x 0.4375" 12-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 198.25	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.09	ϕVn = 149.1	**77.5%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	37.75	(Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**79.9%**	**Pass**

Pier and Pad Foundation

BU # :	876310
Site Name:	BEAUMONT FARM
App. Number:	623010, Rev# 1

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	49	kips
Base Shear, Vu_comp:	33	kips
Moment, M_u:	3626	ft-kips
Tower Height, **H**:	147	ft
BP Dist. Above Fdn, bp_{dist}:	3	in
Bolt Circle / Bearing Plate Width, **BC**:	54	in

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	146.53	33.00	**21.4%**	**Pass**
Bearing Pressure (ksf)	30.00	6.68	**22.3%**	**Pass**
*Overturning (kip*ft)*	4392.86	3799.25	**86.5%**	**Pass**
*Pad Flexure (kip*ft)*	8614.79	2248.96	**24.9%**	**Pass**
Pad Shear - 1-way (kips)	1244.56	311.30	**23.8%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.000	**0.0%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	11050.07	0.00	**0.0%**	**Pass**

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

Structural Rating*:	**24.9%**
Soil Rating*:	**86.5%**

Pad Properties		
Depth, **D**:	4.5	ft
Pad Width, W_1:	23	ft
Pad Thickness, **T**:	5	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	11	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	23	
Pad Clear Cover, cc_{pad}:	3	in

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

Soil Properties		
Total Soil Unit Weight, γ:	165	pcf
Ultimate Gross Bearing, Qult:	40.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	30	degrees
SPT Blow Count, N_{blows}:	74	
Base Friction, μ:		
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Company:	B+T Grp	Page:	1
Address:	1717 S. Boulder,Suite 300	Specifier:	Pavithra
Phone I Fax:	| 918-587-4630	E-Mail:	
Design:	100049_876310_Beaumont Farm_CB	Date:	6/30/2022
Fastening point:			

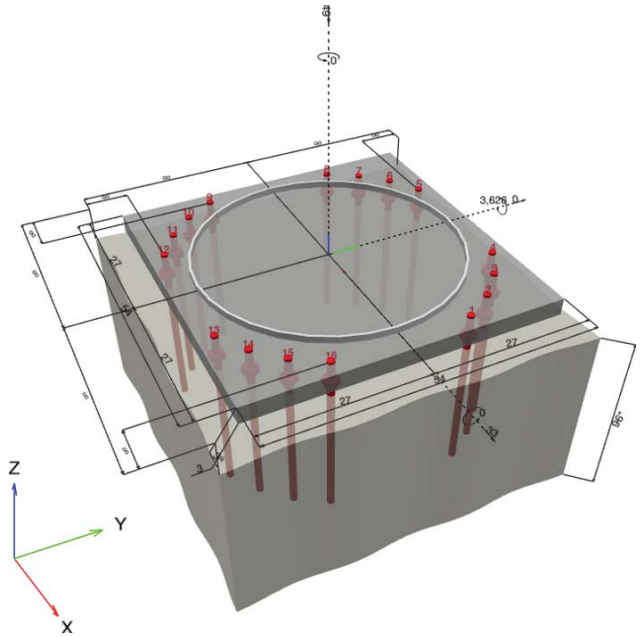
Specifier's comments:

1 Input data

Anchor type and diameter:	**Heavy Hex Head** 2.25 in dia AR
Item number:	not available
Effective embedment depth:	h_{ef} = 54 in
Material:	ASTM F 1554
Evaluation Service Report:	Hilti Technical Data
Issued I Valid:	- | -
Proof:	Design Method ACI 318-08 / CIP
Stand-off installation:	without clamping (anchor); restraint level (anchor plate): 1.00; e_b = 3.000 in.; t = 3.000 in.
Anchor plate[R]:	l_x x l_y x t = 54.000 in. x 54.000 in. x 3.000 in.; (Recommended plate thickness: not calculated)
Profile:	Steel pipe, ; (L x W x T) = 45.830 in. x 45.830 in. x 0.437 in.
Base material:	cracked concrete, 3000, f_c' = 3,000 psi; h = 96.000 in.
Reinforcement:	tension: condition B, shear: condition B; edge reinforcement: none or < No. 4 bar
Seismic loads (cat. C, D, E, or F)	no

[R] - The anchor calculation is based on a rigid anchor plate assumption.

Geometry [in.] & Loading [kip, ft.kip]

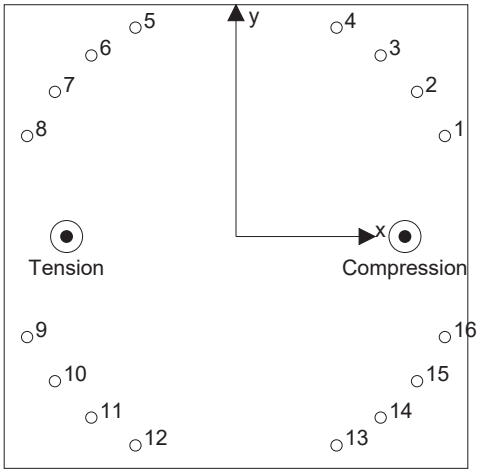


Company:	B+T Grp	Page:	2
Address:	1717 S. Boulder,Suite 300	Specifier:	Pavithra
Phone I Fax:	| 918-587-4630	E-Mail:	
Design:	100049_876310_Beaumont Farm_CB	Date:	6/30/2022
Fastening point:			

1.1 Design results

Case	Description	Forces [kip] / Moments [ft.kip]	Seismic	Max. Util. Anchor [%]
1	Combination 1	N = -49.000; V_x = 33.000; V_y = 0.000; M_x = 0.00000; M_y = 3,626.00000; M_z = 0.00000;	no	∞

2 Load case/Resulting anchor forces



Anchor reactions [kip]
Tension force: (+Tension, -Compression)

Anchor	Tension force	Shear force	Shear force x	Shear force y
1	-184.613	2.062	2.062	0.000
2	-160.436	2.062	2.062	0.000
3	-128.797	2.062	2.062	0.000
4	-90.443	2.062	2.062	0.000
5	84.318	2.062	2.062	0.000
6	122.672	2.062	2.062	0.000
7	154.311	2.062	2.062	0.000
8	178.488	2.062	2.062	0.000
9	178.488	2.062	2.062	0.000
10	154.311	2.062	2.062	0.000
11	122.672	2.062	2.062	0.000
12	84.318	2.062	2.062	0.000
13	-90.443	2.062	2.062	0.000
14	-128.797	2.062	2.062	0.000
15	-160.436	2.062	2.062	0.000
16	-184.613	2.062	2.062	0.000

max. concrete compressive strain: - [‰]
max. concrete compressive stress: - [psi]
resulting tension force in (x/y)=(-19.733/0.000): 1,079.579 [kip]
resulting compression force in (x/y)=(19.679/0.000): 1,128.579 [kip]

Anchor forces are calculated based on the assumption of a rigid anchor plate.

3 Tension load

	Load N_{ua} [kip]	Capacity ϕ N_n [kip]	Utilization $\beta_N = N_{ua}/\phi$ N_n	Rev H
Steel Strength*	-184.613	304.6875	60.59%	57.71%
Concrete Breakout Failure**	1,079.579	1162.215	92.89%	88.47%

Governing rating

Company:	B+T Grp	Page:	3
Address:	1717 S. Boulder,Suite 300	Specifier:	Pavithra
Phone I Fax:	| 918-587-4630	E-Mail:	
Design:	100049_876310_Beaumont Farm_CB	Date:	6/30/2022
Fastening point:			

3.1 Steel Strength

$N_{sa} = A_{se,N} f_{uta}$ ACI 318-08 Eq. (D-3)
$\phi N_{sa} \geq N_{ua}$ ACI 318-08 Eq. (D-1)

Variables

$A_{se,N}$ [in.^{2}]	f_{uta} [psi]
3.25	125000

Calculations

N_{sa} [kip]
406.25

Results

N_{sa} [kip]	ϕ_{steel}	ϕN_{sa} [kip]	N_{ua} [kip]
406.25	0.750	304.6875	-184.613

The steel proof was done for the highest absolute force per anchor - in this case compression loading. Please be aware that buckling should be verified separately

Company:	B+T Grp	Page:	4
Address:	1717 S. Boulder,Suite 300	Specifier:	Pavithra
Phone I Fax:	| 918-587-4630	E-Mail:	
Design:	100049_876310_Beaumont Farm_CB	Date:	6/30/2022
Fastening point:			

3.3 Concrete Breakout Failure

$N_{cbg} = \left(\frac{A_{Nc}}{A_{Nc0}}\right) \psi_{ec,N}\ \psi_{ed,N}\ \psi_{c,N}\ \psi_{cp,N}\ N_b$ ACI 318-08 Eq. (D-5)

$\phi\ N_{cbg} \geq N_{ua}$ ACI 318-08 Eq. (D-1)

A_{Nc} see ACI 318-08, Part D.5.2.1, Fig. RD.5.2.1(b)

$A_{Nc0} = 9\ h_{ef}^2$ ACI 318-08 Eq. (D-6)

$\psi_{ec,N} = \left(\frac{1}{1 + \frac{2\ e'_N}{3\ h_{ef}}}\right) \leq 1.0$ ACI 318-08 Eq. (D-9)

$\psi_{ed,N} = 0.7 + 0.3 \left(\frac{c_{a,min}}{1.5 h_{ef}}\right) \leq 1.0$ ACI 318-08 Eq. (D-11)

$\psi_{cp,N} = \text{MAX}\left(\frac{c_{a,min}}{c_{ac}}, \frac{1.5 h_{ef}}{c_{ac}}\right) \leq 1.0$ ACI 318-08 Eq. (D-13)

$N_b = 16\ \lambda\ \sqrt{f'_c}\ h_{ef}^{5/3}$ ACI 318-08 Eq. (D-8)

Variables

h_{ef} [in.]	$e_{c1,N}$ [in.]	$e_{c2,N}$ [in.]	$c_{a,min}$ [in.]	$\psi_{c,N}$
54	1.238	0.000	∞	1.000

c_{ac} [in.]	k_c	λ	f'_c [psi]
-	16	1	3,000

Calculations

A_{Nc} [in.^{2}]	A_{Nc0} [in.^{2}]	$\psi_{ec1,N}$	$\psi_{ec2,N}$	$\psi_{ed,N}$	$\psi_{cp,N}$	N_b [kip]
86436	57600	0.85	1.000	1.000	1.000	1301.659

Results

N_{cbg} [kip]	$\phi_{concrete}$	$\phi\ N_{cbg}$ [kip]	N_{ua} [kip]
1660.307	0.700	1162.215	1,079.579

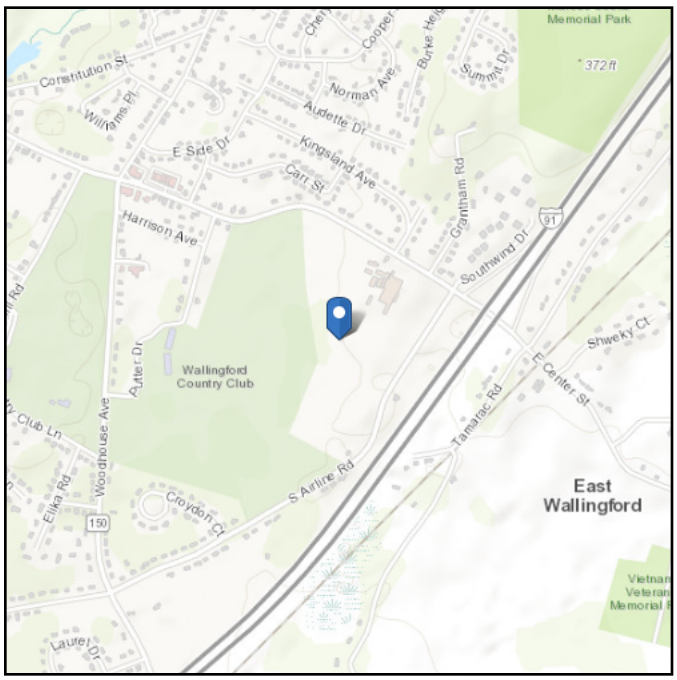
*Please refer excel sheet for calculations

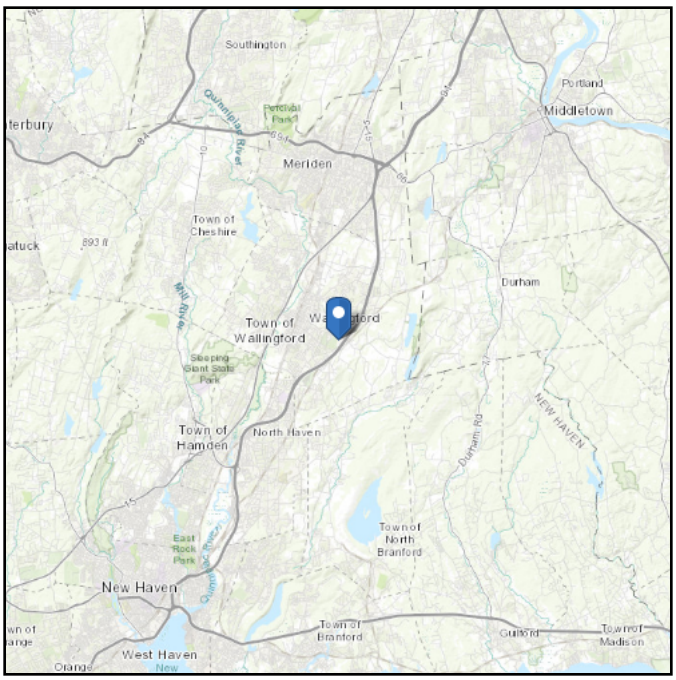
ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 243.75 ft (NAVD 88)
Latitude: 41.443711
Longitude: -72.796267





Wind

Results:

Wind Speed	120 Vmph
10-year MRI	75 Vmph
25-year MRI	85 Vmph
50-year MRI	91 Vmph
100-year MRI	98 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Tue Jan 18 2022

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

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

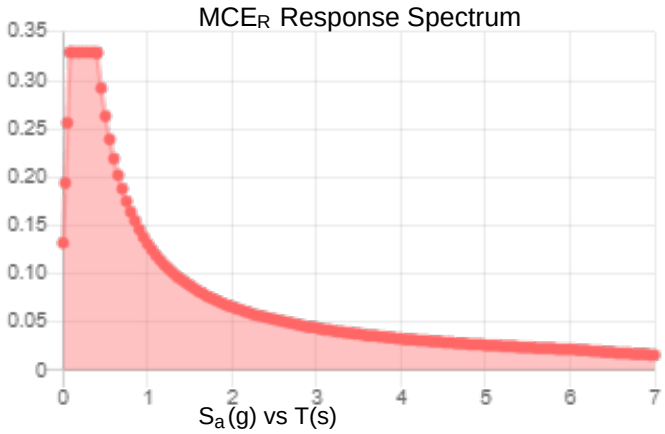
Seismic

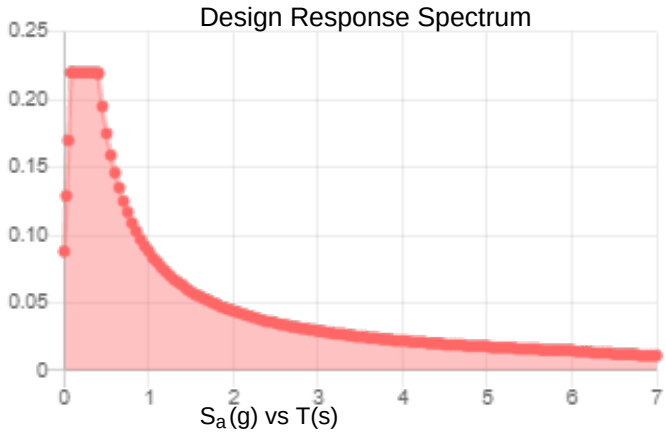
Site Soil Class: D - Default (see Section 11.4.3)

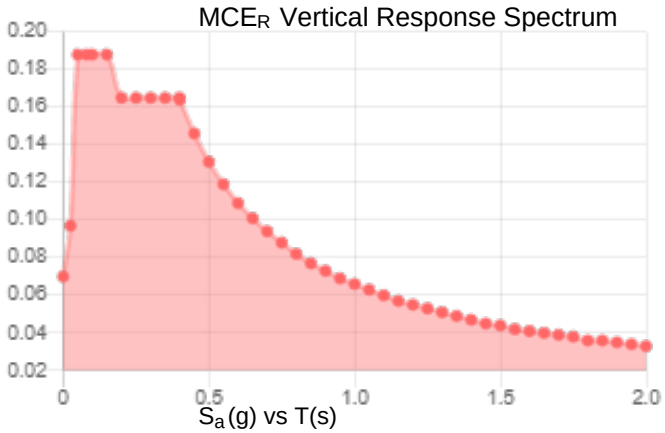
Results:

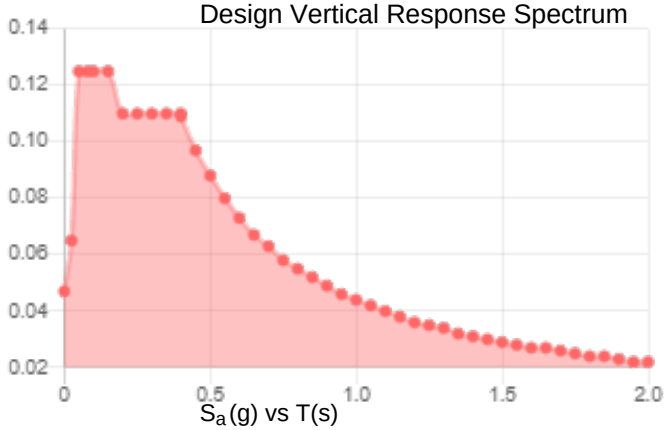
S_S :	0.206	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.115
F_v :	2.4	PGA_M :	0.18
S_{MS} :	0.329	F_{PGA} :	1.57
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.22	C_v :	0.712

Seismic Design Category B









Data Accessed: **Tue Jan 18 2022**

Date Source:

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Tue Jan 18 2022

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

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

Exhibit E

Mount Analysis

Maser Consulting Connecticut
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@colliersengineering.com

Antenna Mount Analysis Report with Hardware Upgrades and PMI Requirements

Mount Analysis

SMART Tool Project #: 10141824
Maser Consulting Project #: 22777013A

May 26, 2022

Site Information	*Site ID:*	*469380-VZW / WALLINGFORD E CT*
	Site Name:	*WALLINGFORD E CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*945 East Center Street* *Wallingford, Connecticut 06492* *New Haven County*
	Latitude:	*41.443708°*
	Longitude:	*-72.796267°*
Structure Information	*Tower Type:*	*148-Ft Monopole*
	Mount Type:	*14.50-Ft Platform*

FUZE ID # 2453568

Analysis Results

Platform: **91.4% Pass w/ Hardware Upgrades***

*** Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Garrett Smith

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 325038, dated May 17, 2022*
Mount Mapping Report	*Onsight Services LLC., Site ID: 469380, dated April 9, 2022*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.991
Seismic Parameters:	S_S:	0.206 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
119.20	120.10	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		2	Antel	LPA-80063/6CF	Retained
		4	Antel	LPA-80080/6CF	
		2	Raycap	RRFDC-3315-PF-48	

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

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

Standard Conditions:

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

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Kicker	*9.5%*	*Pass*
Mount Pipe	*30.6%*	*Pass*
Support Rail Angle	*36.2%*	*Pass*
Support Rail	*30.9%*	*Pass*
Large Standoff Horizontal	*11.0%*	*Pass*
Standoff Horizontal	*28.4%*	*Pass*
Face Horizontal	*91.4%*	*Pass*
Cross Member	*26.7%*	*Pass*
Grating Angle	*26.1%*	*Pass*
Connection Check	*27.2%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**91.4%**

***** Results valid after hardware upgrades noted in the PMI Requirements are installed.

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	33.8	33.8	53.0	53.0
0.5	42.8	42.8	69.7	69.7
1	50.9	50.9	85.5	85.5

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount will be **SUFFICIENT** for the final loading configuration shown in attachment 2 upon the completion of the requirements listed below.

Contractor shall replace existing position 3 mount pipe with new 96” long P2 1/2 STD pipe (in all sectors). Install 39” from position 2 pipe. Top of pipe shall be 47” above top face horizontal (match existing pipes on mount). Attach to existing angle face horizontal using standoff with 1/2" diameter U-Bolts; drill new 9/16” diameter holes as necessary. Protect drilled holes with two (2) coats of cold galvanization (Zinga or Zinc Kote). Attach to existing support rail using VZWSMART MSK1 crossover plates. Refer to placement diagrams.

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

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

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PSLC #: 469380 SMART Project #: 10141824 Fuze Project ID: 2453568

Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

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

Issue:

Contractor shall replace existing position 3 mount pipe with new 96” long P2 1/2 STD pipe (in all sectors). Install 39” from position 2 pipe. Top of pipe shall be 47” above top face horizontal (match existing pipes on mount). Attach to existing angle face horizontal using standoff with 1/2" diameter U-Bolts; drill new 9/16” diameter holes as necessary. Protect drilled holes with two (2) coats of cold galvanization (Zinga or Zinc Kote). Attach to existing support rail using VZWSMART MSK1 crossover plates. Refer to placement diagrams.

Response:

Special Instruction Confirmation:

☐ The contractor has read and acknowledges the above special instructions.

☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool engineering vendor as an “equivalent” and this approval is included as part of the contractor submission.

Comments:

Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

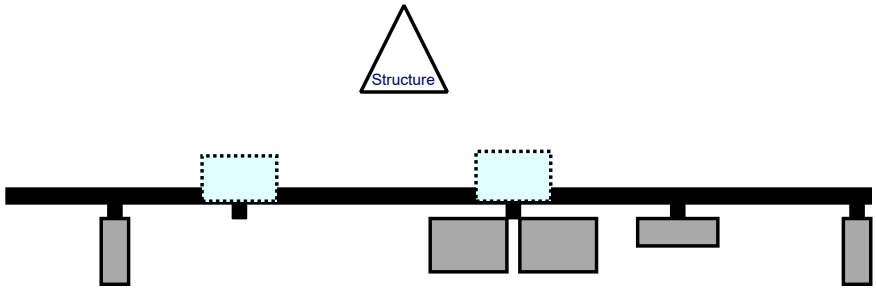
Structure: 46938 -VZW - WALLINGFORD E CT

Sector: **A** 5/24/2022

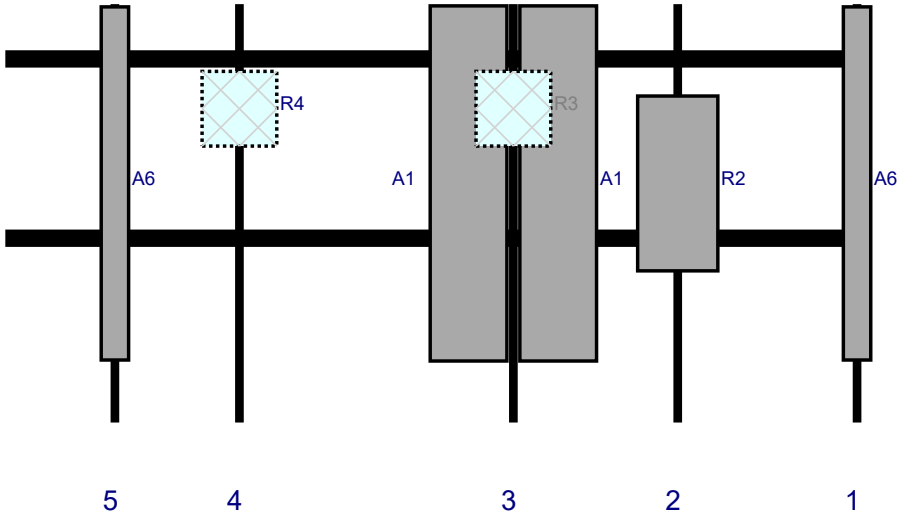
Structure Type: Monopole 10141824

Mount Elev: 119.20 Page: 1

Plan View

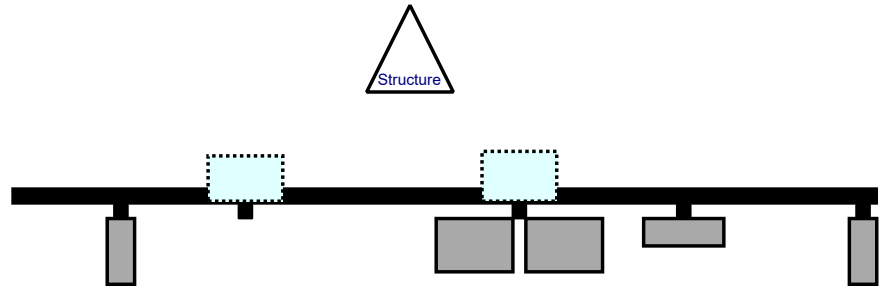


Front View - Looking at Structure

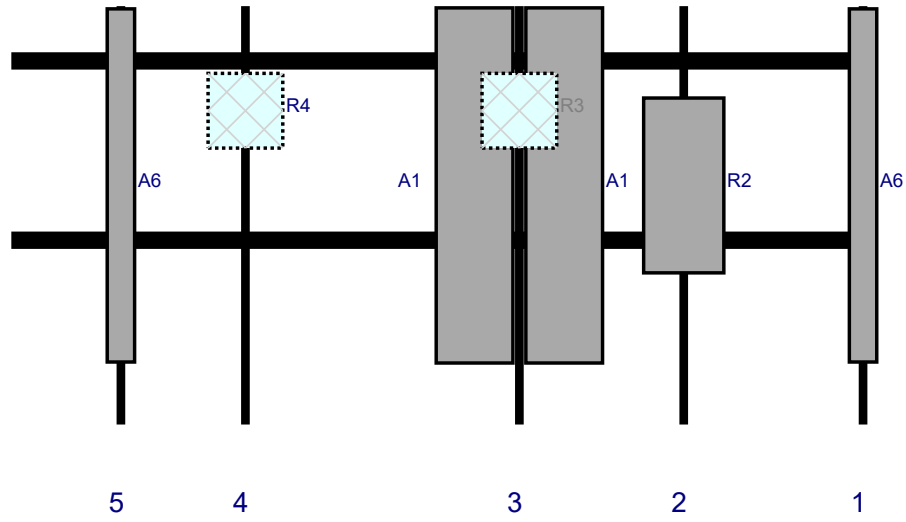


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080/6CF	70.9	5.5	171	1	a	Front	36	0	Retained	
R2	MT6407-77A	35.1	16.1	135	2	a	Front	36	0	Added	
A1	MX06FRO660-03	71.3	15.4	102	3	a	Front	36	-9	Added	
A1	MX06FRO660-03	71.3	15.4	102	3	b	Front	36	9	Added	
R3	RF4439d-25A	15	15	102	3	a	Behind	21	0	Added	
R4	RF4440d-13A	15	15	47	4	a	Behind	21	0	Added	
A6	LPA-80080/6CF	70.9	5.5	22	5	a	Front	36	0	Retained	
OVP1	RRFDC-3315-PF-48	29.5	16.5		Member					Retained	
OVP2	RRFDC-3315-PF-48	29.5	16.5		Member					Retained	

Plan View

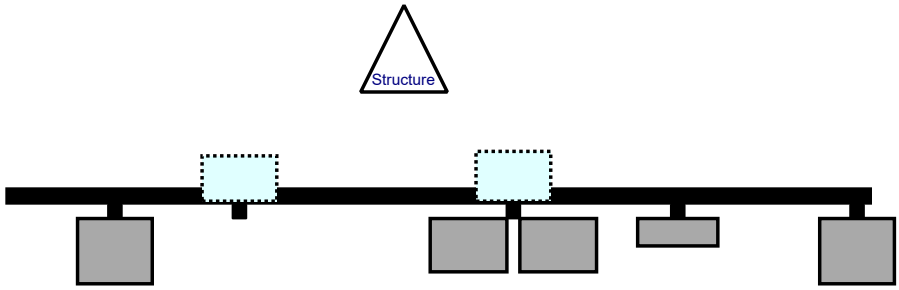


Front View - Looking at Structure

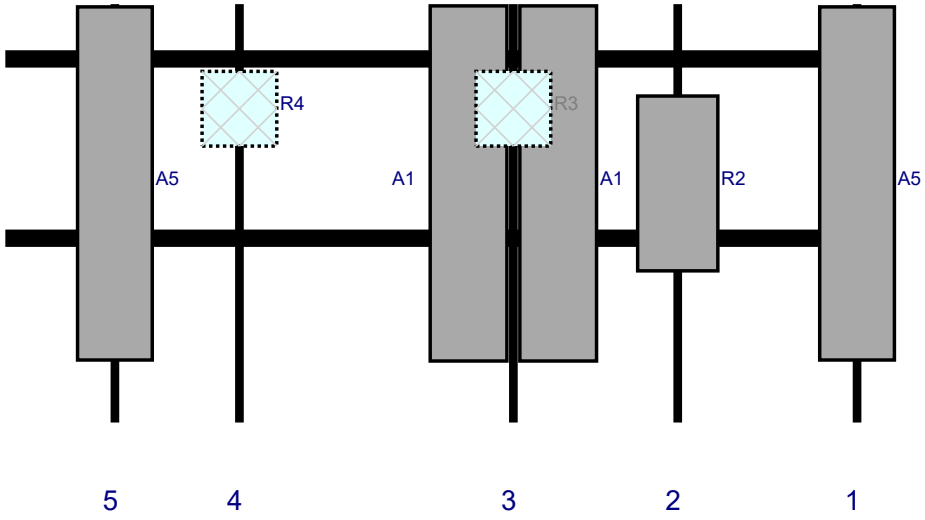


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080/6CF	70.9	5.5	171	1	a	Front	36	0	Retained	
R2	MT6407-77A	35.1	16.1	135	2	a	Front	36	0	Added	
A1	MX06FRO660-03	71.3	15.4	102	3	a	Front	36	-9	Added	
A1	MX06FRO660-03	71.3	15.4	102	3	b	Front	36	9	Added	
R3	RF4439d-25A	15	15	102	3	a	Behind	21	0	Added	
R4	RF4440d-13A	15	15	47	4	a	Behind	21	0	Added	
A6	LPA-80080/6CF	70.9	5.5	22	5	a	Front	36	0	Retained	

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	LPA-80063/6CF	70.9	15	171	1	a	Front	36	0	Retained	
R2	MT6407-77A	35.1	16.1	135	2	a	Front	36	0	Added	
A1	MX06FRO660-03	71.3	15.4	102	3	a	Front	36	-9	Added	
A1	MX06FRO660-03	71.3	15.4	102	3	b	Front	36	9	Added	
R3	RF4439d-25A	15	15	102	3	a	Behind	21	0	Added	
R4	RF4440d-13A	15	15	47	4	a	Behind	21	0	Added	
A5	LPA-80063/6CF	70.9	15	22	5	a	Front	36	0	Retained	

V4.1 Updated on 12-17-2021

Antenna Mount Mapping Form (PATENT PENDING)

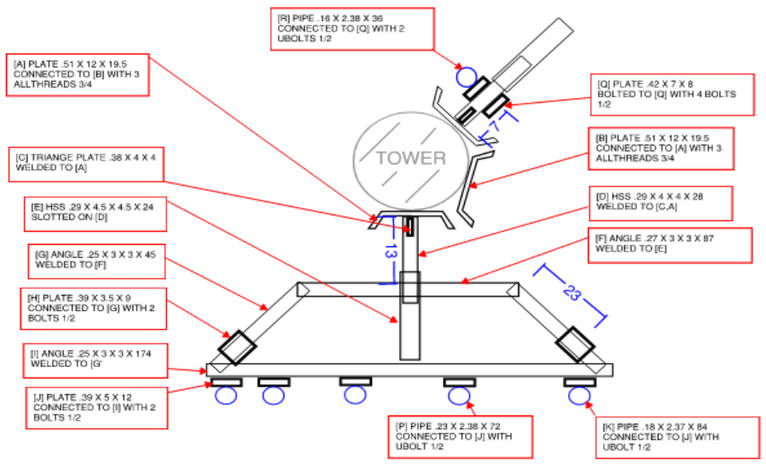
FCC #	

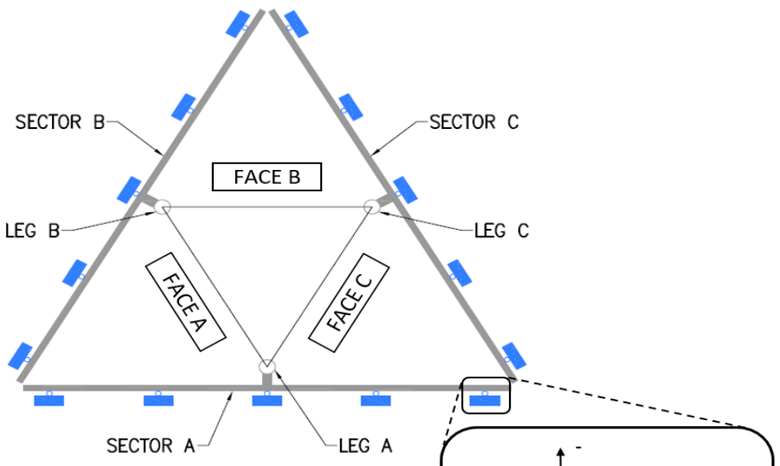
Tower Owner:	CROWN CASTLE	**Mapping Date:**	4/9/2022
Site Name:	WALLINGFORD E CT	**Tower Type:**	MONOPOLE
Site Number or ID:	469380	**Tower Height (Ft.):**	148
Mapping Contractor:	Onsight Services LLC	**Mount Elevation (Ft.):**	120.5

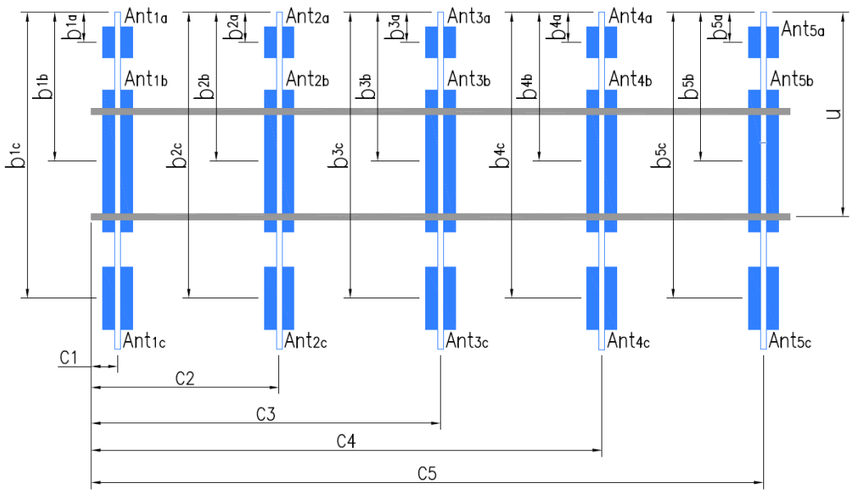
Site Number:

All measurements / offsets given in inches

TOP VIEW







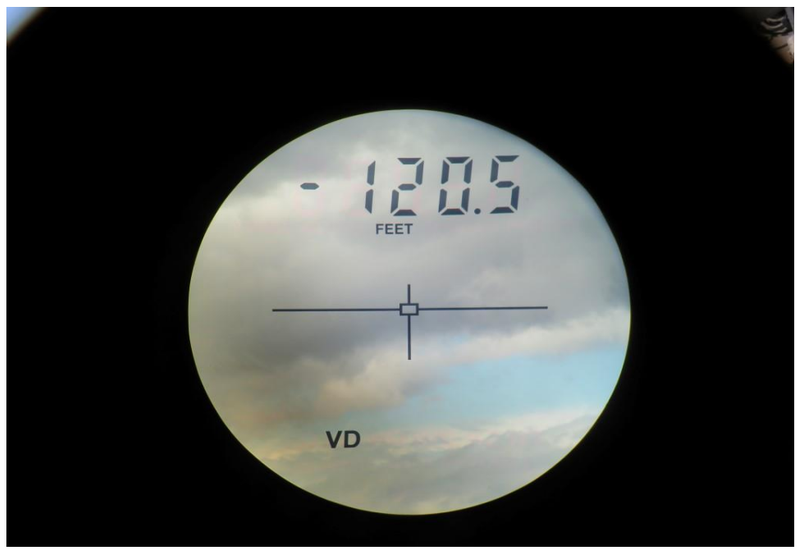
Antenna Layout (Looking Out From Tower)

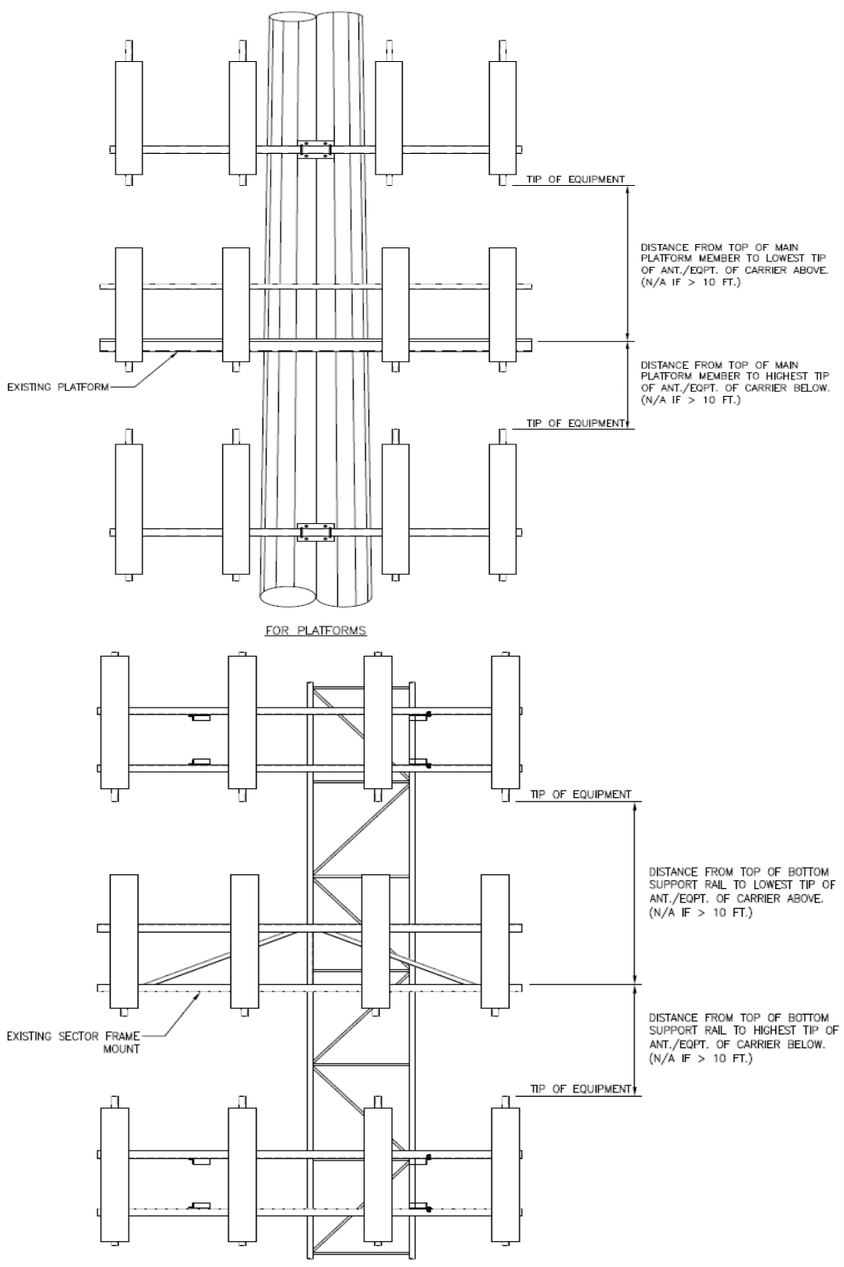
Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	.18 X 2.37 OD X 84	47.00	3.00	C1	.18 X 2.37 OD X 84	47.00	3.00
A2	.23 X 2.38 X 72	47.00	39.00	C2	.23 X 2.38 X 72	47.00	39.00
A3	.18 X 2.37 OD X 84	47.00	72.00	C3	.18 X 2.37 OD X 84	47.00	72.00
A4	.18 X 2.37 OD X 84	47.00	127.00	C4	.18 X 2.37 OD X 84	47.00	127.00
A5	.18 X 2.37 OD X 84	47.00	152.00	C5	.18 X 2.37 OD X 84	47.00	152.00
A6				C6			
B1	.18 X 2.37 OD X 84	47.00	3.00	D1			
B2	.23 X 2.38 X 72	47.00	39.00	D2			
B3	.18 X 2.37 OD X 84	47.00	72.00	D3			
B4	.18 X 2.37 OD X 84	47.00	127.00	D4			
B5	.18 X 2.37 OD X 84	47.00	152.00	D5			
B6				D6			
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							3
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							3
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				19.1

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	IPA 80080/6CF E-DIN					121.3	37.00	12.00		196
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	ANT BXA-171063-12CF-EDIN-5					121.3	36.00	8.00		35
Ant_{2b}	UHIE, B66A RRH 4X45					122.5	23.00	6.00		170
Ant_{2c}										
Ant_{3a}	SBNHH-1D65B					122	28.00	10.00		176
Ant_{3b}	SBNHH-1D65B					122	28.00	10.00		176
Ant_{3c}	B132 RRH4X30					122.5	21.00	9.00		182
Ant_{4a}	UHFA, B25 RRH 4X30					122.7	19.00	7.00		187
Ant_{4b}										
Ant_{4c}										
Ant_{5a}	IPA 80080/6CF E-DIN					121.3	37.00	12.00		196
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48					122.4	7.00	8.00		220
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	60.00	Deg	Leg A:		Deg
Sector B:	180.00	Deg	Leg B:		Deg
Sector C:	300.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg
Climbing Facility Information					
Location:	300.00	Deg			
Climbing Facility	Corrosion Type:		Good condition.		
	Access:		Climbing path was unobstructed.		
	Condition:		Good condition.		





Sector B										
Ant_{1a}	IPA 80080/6CF E-DIN					121.3	37.00	12.00		196
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	ANT BXA-171063-12CF-EDIN-5					121.3	36.00	8.00		35
Ant_{2b}	UHIE, B66A RRH 4X45					122.5	23.00	6.00		170
Ant_{2c}										
Ant_{3a}	SBNHH-1D65B					122	28.00	10.00		176
Ant_{3b}	SBNHH-1D65B					122	28.00	10.00		176
Ant_{3c}	B132 RRH4X30					122.5	21.00	9.00		182
Ant_{4a}	UHFA, B25 RRH 4X30					122.7	19.00	7.00		187
Ant_{4b}										
Ant_{4c}										
Ant_{5a}	IPA 80080/6CF E-DIN					121.3	37.00	12.00		196
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48					122.4	7.00	8.00		220
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	LPA 80063/6CF E-DIN					121.3	38.00	19.00		152
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	ANT BXA-171063-12CF-EDIN-5					121.3	36.00	8.00		35
Ant_{2b}	UHIE, B66A RRH 4X45					122.5	23.00	6.00		170
Ant_{2c}										
Ant_{3a}	SBNHH-1D65B					122	28.00	10.00		176
Ant_{3b}	SBNHH-1D65B					122	28.00	10.00		176
Ant_{3c}	B132 RRH4X30					122.5	21.00	9.00		182
Ant_{4a}	UHFA, B25 RRH 4X30					122.7	19.00	7.00		187
Ant_{4b}										
Ant_{4c}										
Ant_{5a}	LPA 80063/6CF E-DIN					121.3	38.00	19.00		152
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

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

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

V4.1 Updated on 12-17-2021

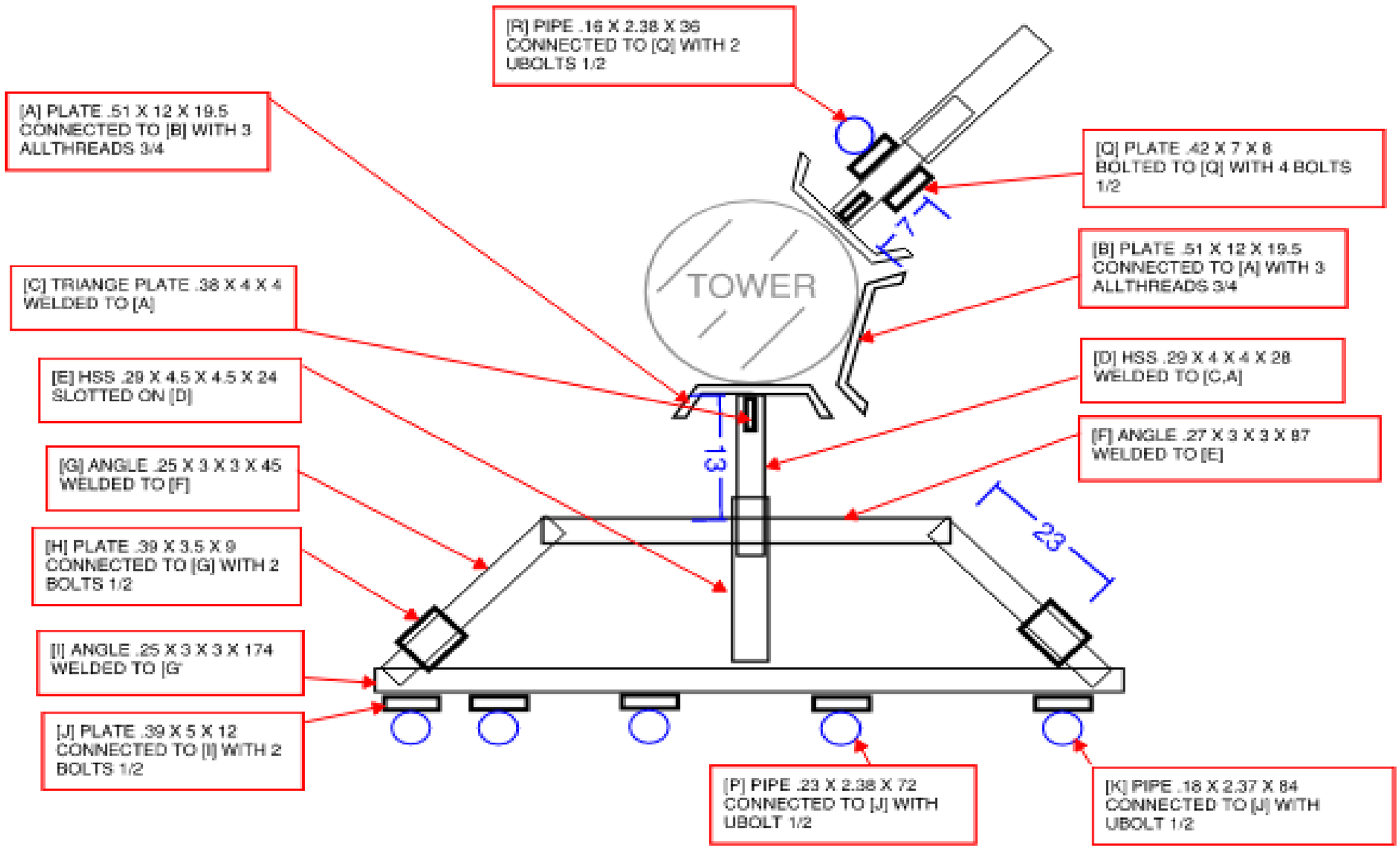
SMART Tool© Vendor	Antenna Mount Mapping Form (PATENT PENDING)		FCC #	
	Tower Owner:	CROWN CASTLE	**Mapping Date:**	4/9/2022
	Site Name:	WALLINGFORD E CT	**Tower Type:**	MONOPOLE
	Site Number or ID:	469380	**Tower Height (Ft.):**	148
	Mapping Contractor:	Onsight Services LLC	**Mount Elevation (Ft.):**	120.5

Please Insert Sketches of the Antenna Mount

All measurements / offsets given in inches

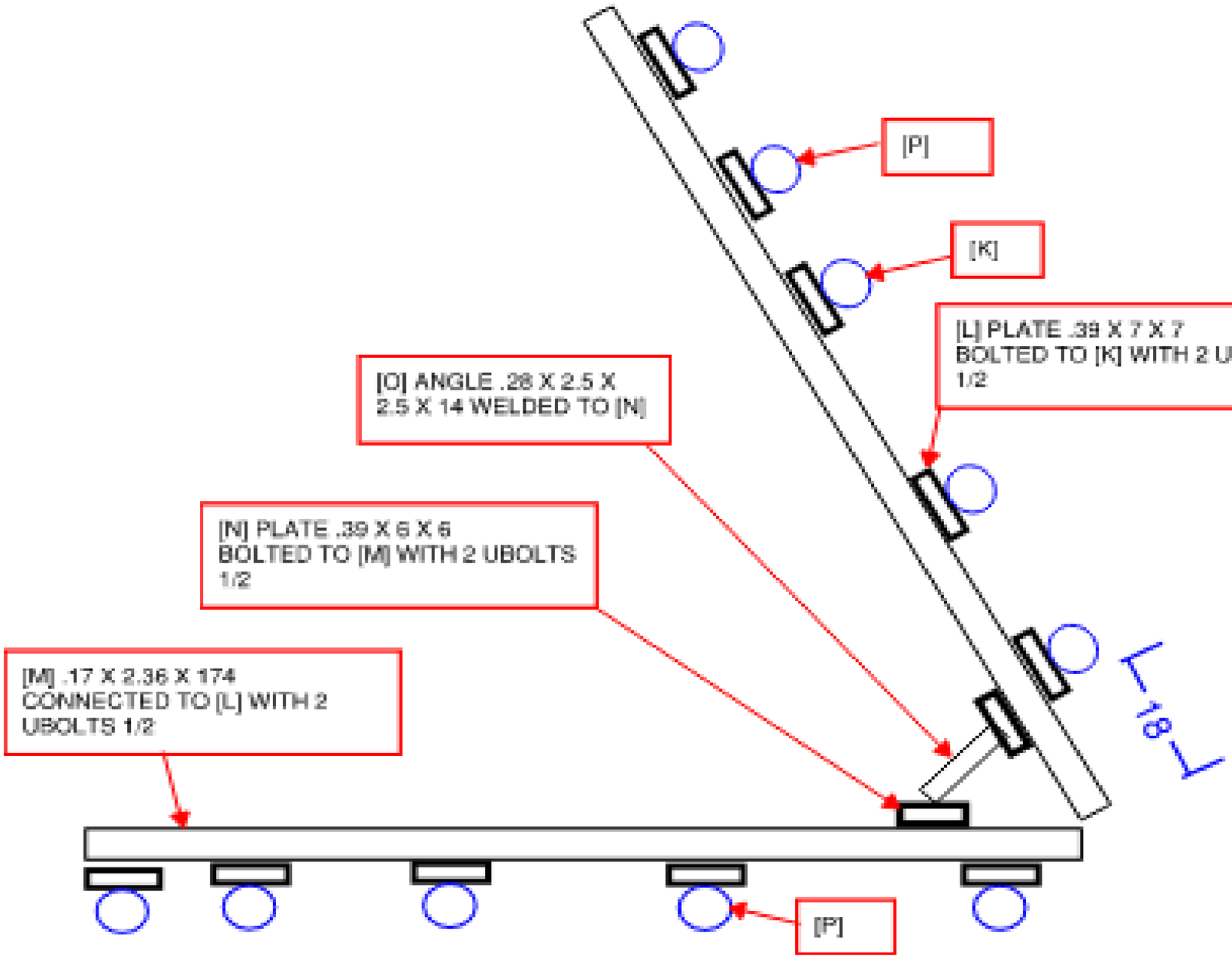
Site Number:

TOP VIEW



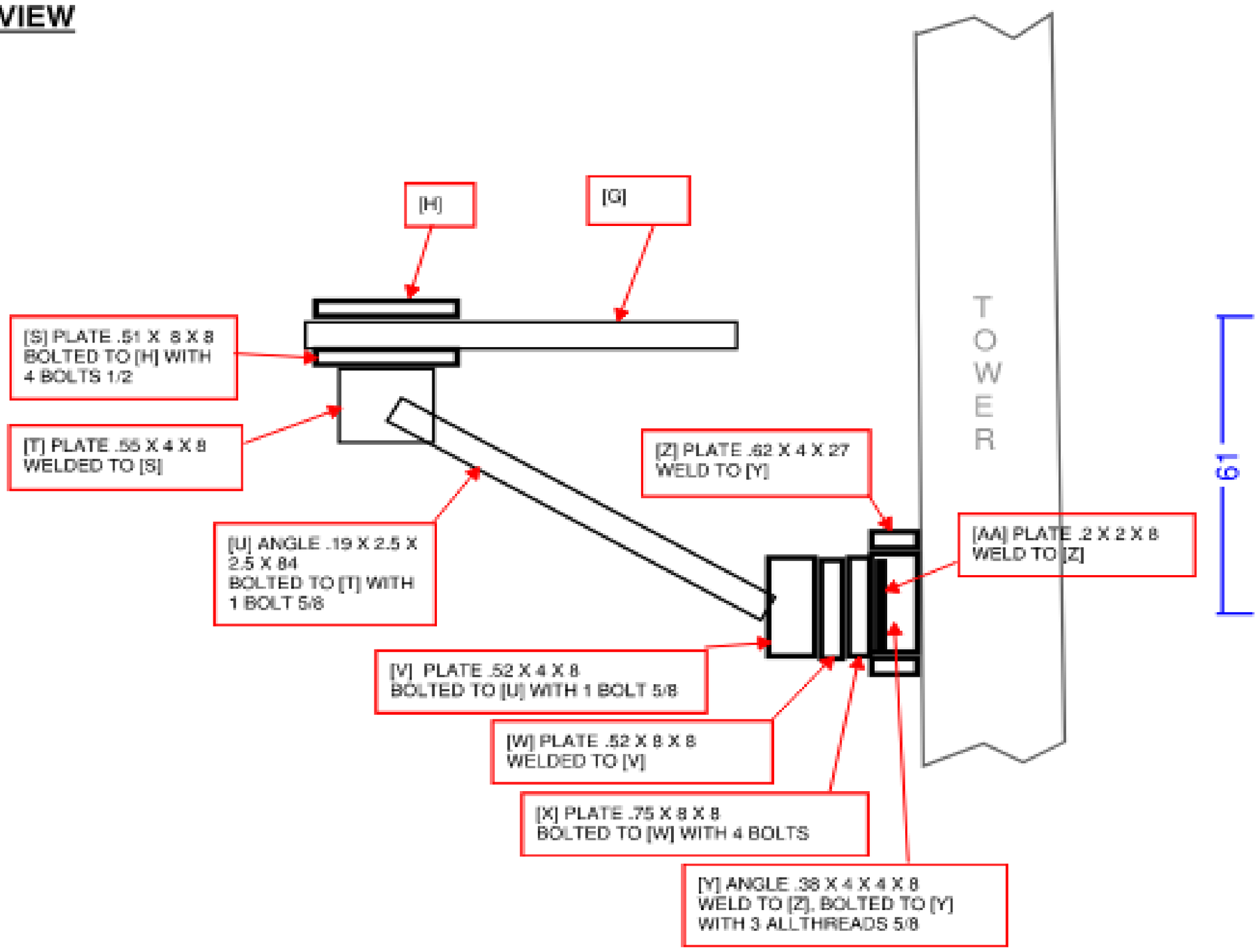
Please Insert Sketches of the Antenna Mount, cont'd

TOP TIER



Please Insert Sketches of the Antenna Mount, cont'd

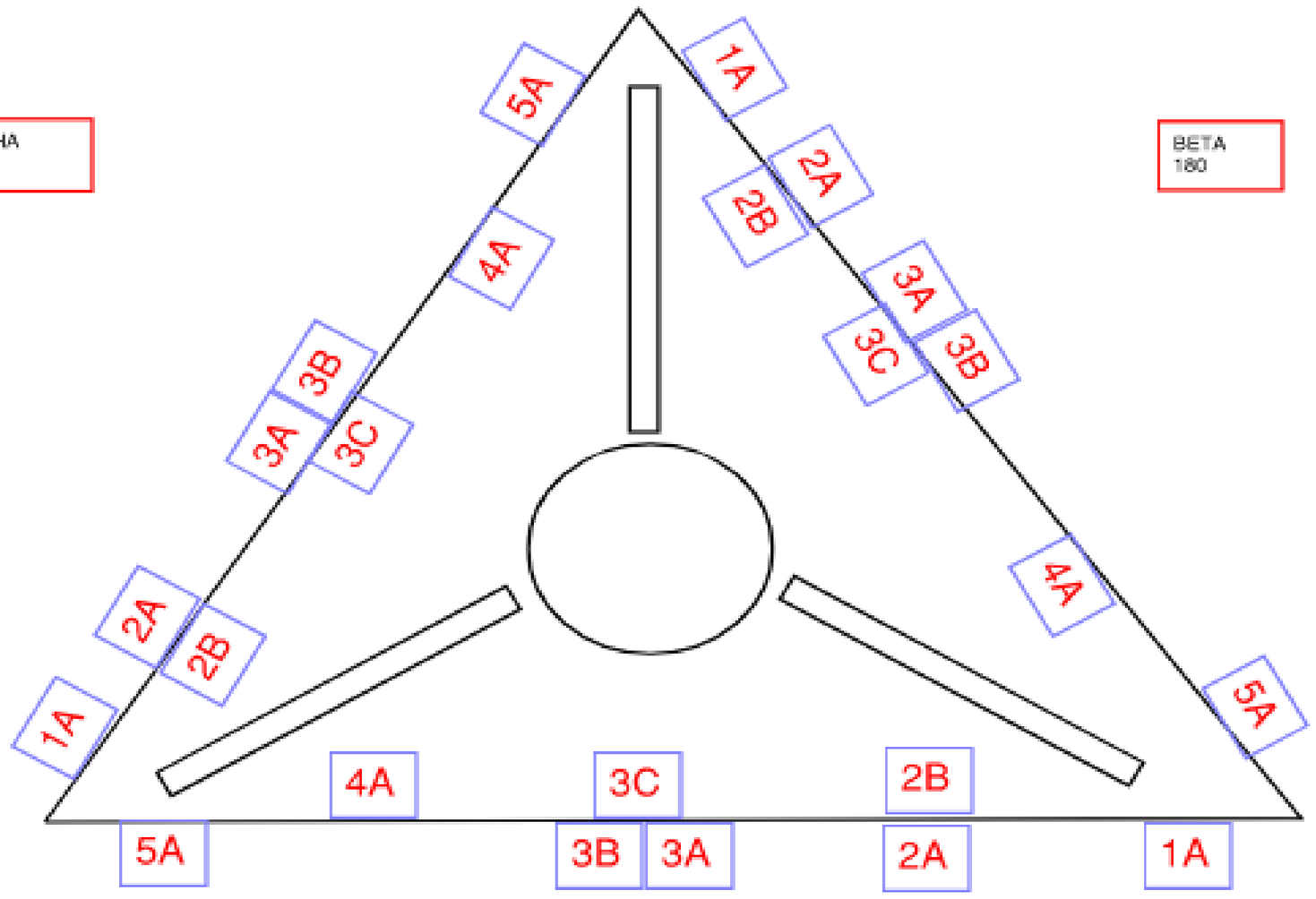
SIDE VIEW

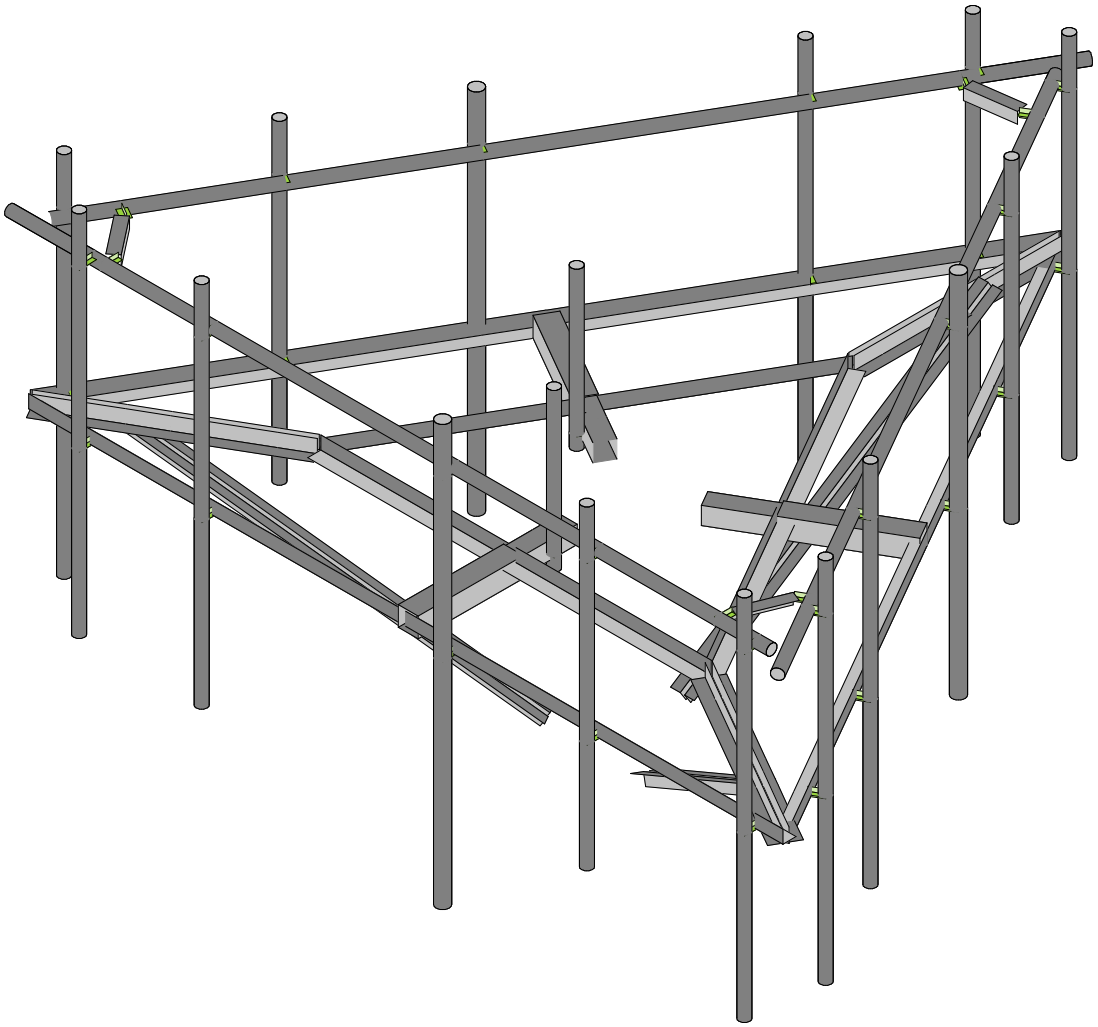


Please Insert Sketches of the Antenna Mount, cont'd

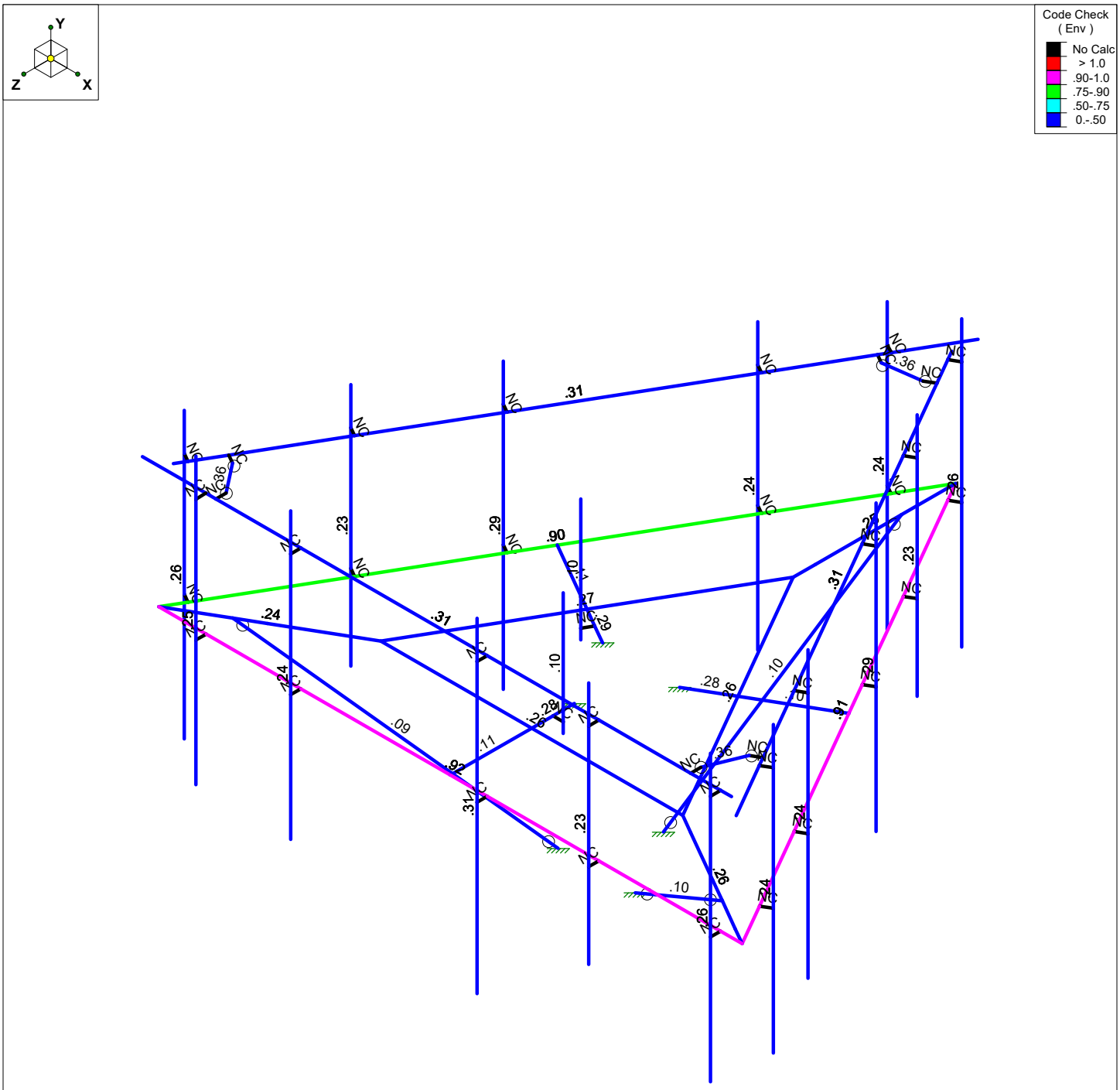
AZIMUTH

TOWER HEIGHT
MOUNT HEIGHT 120.5
TOWER DIAMETER 19.1



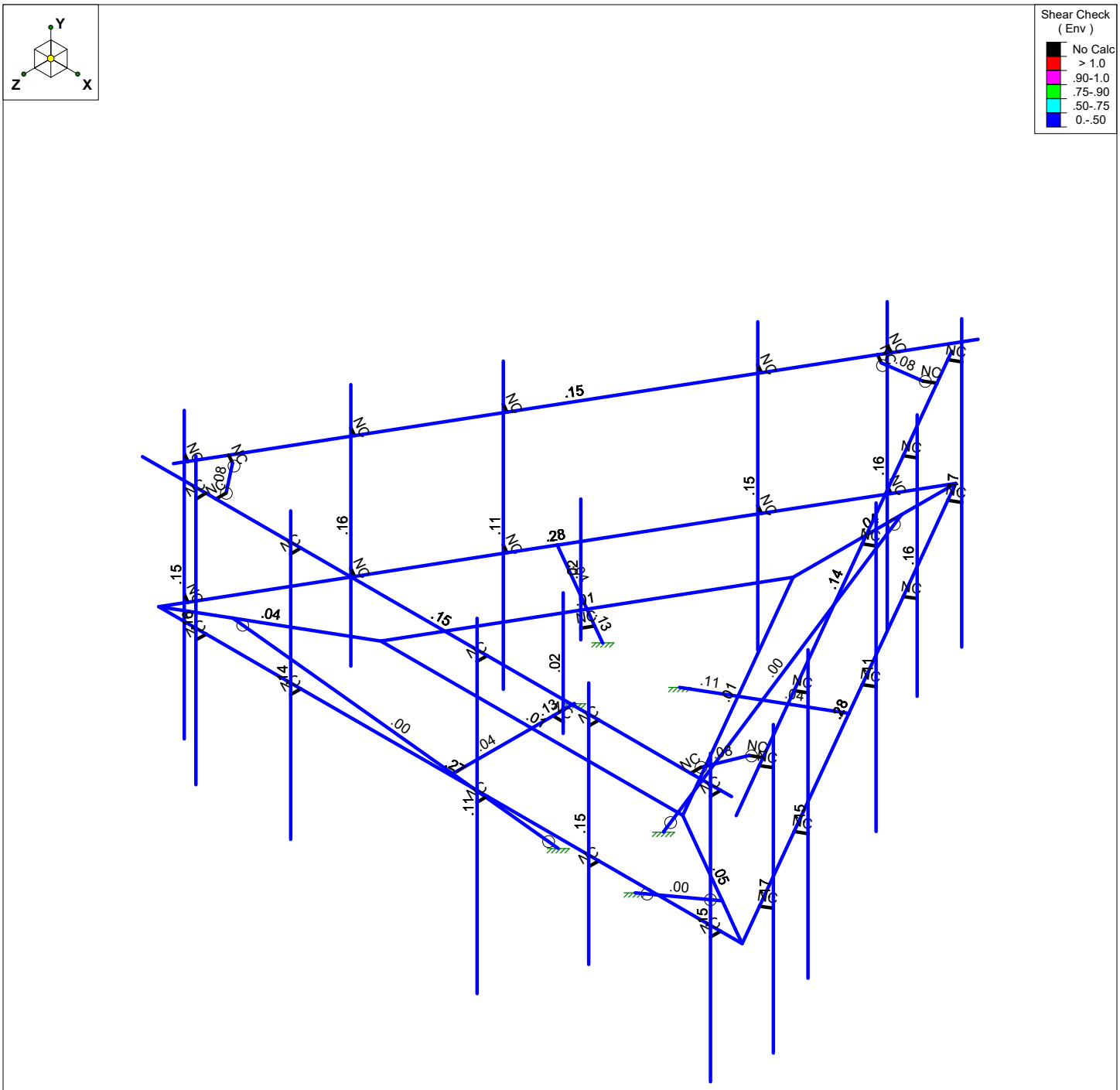


Tower Engineering Solutio...	469380-VZW_MT_LO_H	SK - 1
MNC		May 24, 2022 at 3:19 PM
Project No. 10141824		469380-VZW_MT_LO_H.r3d



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

Tower Engineering Solutio...	469380-VZW_MT_LO_H	SK - 2
MNC		May 24, 2022 at 3:19 PM
Project No. 10141824		469380-VZW_MT_LO_H.r3d



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

Tower Engineering Solutio...	469380-VZW_MT_LO_H	SK - 3
MNC		May 24, 2022 at 3:19 PM
Project No. 10141824		469380-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg)	None					114			
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg)	None					114			
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None					114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114			
39	Structure D	None		-1					3	
40	Structure Di	None						41	3	
41	Structure Wo (0 Deg)	None						82		
42	Structure Wo (30 Deg)	None						82		
43	Structure Wo (60 Deg)	None						82		
44	Structure Wo (90 Deg)	None						82		
45	Structure Wo (120 D...	None						82		
46	Structure Wo (150 D...	None						82		
47	Structure Wo (180 D...	None						82		
48	Structure Wo (210 D...	None						82		
49	Structure Wo (240 D...	None						82		
50	Structure Wo (270 D...	None						82		
51	Structure Wo (300 D...	None						82		
52	Structure Wo (330 D...	None						82		
53	Structure Wi (0 Deg)	None						82		
54	Structure Wi (30 Deg)	None						82		
55	Structure Wi (60 Deg)	None						82		
56	Structure Wi (90 Deg)	None						82		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						82		
58	Structure Wi (150 De...	None						82		
59	Structure Wi (180 De...	None						82		
60	Structure Wi (210 De...	None						82		
61	Structure Wi (240 De...	None						82		
62	Structure Wi (270 De...	None						82		
63	Structure Wi (300 De...	None						82		
64	Structure Wi (330 De...	None						82		
65	Structure Wm (0 Deg)	None						82		
66	Structure Wm (30 De...	None						82		
67	Structure Wm (60 De...	None						82		
68	Structure Wm (90 De...	None						82		
69	Structure Wm (120 D...	None						82		
70	Structure Wm (150 D...	None						82		
71	Structure Wm (180 D...	None						82		
72	Structure Wm (210 D...	None						82		
73	Structure Wm (240 D...	None						82		
74	Structure Wm (270 D...	None						82		
75	Structure Wm (300 D...	None						82		
76	Structure Wm (330 D...	None						82		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 Deg)	None					76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY		-.044					3	
85	Structure Eh (0 Deg)	ELZ			-.11				3	
86	Structure Eh (90 Deg)	ELX	.11						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None						30		
90	BLC 85 Transient Are...	None						30		
91	BLC 86 Transient Are...	None						30		

Load Combinations

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 D...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 ...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 ...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 ...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 D...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 ...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 ...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 ...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 De...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0.	0	-0.	0	
2	N2	0.	0	1.095417	0	
3	N10	-0.	0	-4.291667	0	
4	N11	-0.	0	-4.833334	0	
5	N12	-0.	0	-6.333334	0	
6	N13	-0.	0	-6.958334	0	
7	N14	-0.	0	-8.291667	0	
8	N15	-3.716693	0	2.145833	0	
9	N16	-7.180794	0	4.145833	0	
10	N17	3.716693	0	2.145833	0	
11	N18	7.180794	0	4.145833	0	
12	N15A	0.	0	2.145833	0	
13	N16A	0.	0	4.145833	0	
14	N15B	-4.18579	0	2.416667	0	
15	N16B	-5.484828	0	3.166667	0	
16	N17A	-6.783866	0	3.916667	0	
17	N18A	4.18579	0	2.416667	0	
18	N19	5.484828	0	3.166667	0	
19	N20	6.783866	0	3.916667	0	
20	N22	-7.583336	3	4.145833	0	
21	N23	6.916669	3	4.145833	0	
22	N43	6.652539	0	4.145833	0	
23	N44	6.652539	3	4.145833	0	
24	N45	6.652539	0	4.395833	0	
25	N46	6.652539	3	4.395833	0	
26	N53	6.652539	3.916667	4.395833	0	
27	N54	6.652539	-3.083333	4.395833	0	
28	N67	3.597461	0	-2.060682	0	
29	N77	0.948658	0	-0.547709	0	
30	N78	1.858346	0	-1.072917	0	
31	N91	-3.583333	0	-2.085151	0	
32	N109	-0.948659	0	-0.547708	0	
33	N110	-1.858346	0	-1.072917	0	
34	N108A	3.590397	0	-2.072917	0	
35	N110A	-3.590397	0	-2.072917	0	
36	N118B	5.819206	1.791667	4.395833	0	
37	N122A	0.	0	1.620625	0	
38	N123A	-1.403502	0	-0.810312	0	
39	N124	0.25	0	1.620625	0	
40	N125	0.25	-.25	1.620625	0	
41	N126	0.25	2.75	1.620625	0	
42	N128	-1.528502	0	-0.593806	0	
43	N129	-1.528502	-.25	-0.593806	0	
44	N130	-1.528502	2.75	-0.593806	0	
45	N46A	7.382065	3	4.494445	0	
46	N47	0.132063	3	-8.062928	0	
47	N48	0.201271	3	-8.640278	0	
48	N49	-7.048732	3	3.917094	0	
49	N50	5.916669	3	4.145833	0	
50	N51	5.916669	3	3.895833	0	
51	N52	0.632063	3	-7.196902	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N53A	0.415556	3	-7.071902	0	
53	N54A	-6.548732	3	3.051069	0	
54	N55	-6.332225	3	3.176069	0	
55	N57	-0.704231	3	-7.071902	0	
56	N57A	-5.772332	3	4.145833	0	
57	N58	6.476563	3	2.926069	0	
58	N58A	-5.772332	3	3.895833	0	
59	N60	6.260056	3	3.051069	0	
60	N62	-0.487725	3	-6.946902	0	
61	N61	3.652539	0	4.145833	0	
62	N62A	3.652539	3	4.145833	0	
63	N63	3.652539	0	4.395833	0	
64	N64	3.652539	3	4.395833	0	
65	N65	3.652539	3.916667	4.395833	0	
66	N66	3.652539	-2.083333	4.395833	0	
67	N67A	0.902539	0	4.145833	0	
68	N68	0.902539	3	4.145833	0	
69	N69	0.902539	0	4.395833	0	
70	N70	0.902539	3	4.395833	0	
71	N71	0.902539	3.916667	4.395833	0	
72	N72	0.902539	-4.083333	4.395833	0	
73	N73	-3.680794	0	4.145833	0	
74	N74	-3.680794	3	4.145833	0	
75	N75	-3.680794	0	4.395833	0	
76	N76	-3.680794	3	4.395833	0	
77	N77A	-3.680794	3.916667	4.395833	0	
78	N78A	-3.680794	-3.083333	4.395833	0	
79	N79	-6.014127	0	4.145833	0	
80	N81	-6.014127	0	4.395833	0	
81	N83	-6.014127	3.916667	4.395833	0	
82	N84	-6.014127	-3.083333	4.395833	0	
83	N84A	-6.022332	3	4.145833	0	
84	N85	-6.014127	3	4.395833	0	
85	N86	0.264127	0	-7.834185	0	
86	N87	0.264127	3	-7.834185	0	
87	N88	0.480634	0	-7.959185	0	
88	N89	0.480634	3	-7.959185	0	
89	N90	0.480634	3.916667	-7.959185	0	
90	N91A	0.480634	-3.083333	-7.959185	0	
91	N92	0.8973	1.791667	-7.237497	0	
92	N95	1.764127	0	-5.236108	0	
93	N96	1.764127	3	-5.236108	0	
94	N97	1.980634	0	-5.361108	0	
95	N98	1.980634	3	-5.361108	0	
96	N99	1.980634	3.916667	-5.361108	0	
97	N100	1.980634	-2.083333	-5.361108	0	
98	N101	3.139127	0	-2.854539	0	
99	N102	3.139127	3	-2.854539	0	
100	N103	3.355634	0	-2.979539	0	
101	N104	3.355634	3	-2.979539	0	
102	N105	3.355634	3.916667	-2.979539	0	
103	N106	3.355634	-3.083333	-2.979539	0	
104	N107	5.430794	0	1.114745	0	
105	N108	5.430794	3	1.114745	0	
106	N109A	5.6473	0	0.989745	0	
107	N110B	5.6473	3	0.989745	0	
108	N111	5.6473	3.916667	0.989745	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N112	5.6473	-3.083333	0.989745	0	
110	N113	6.597461	0	3.13547	0	
111	N114	6.813967	0	3.01047	0	
112	N115	6.813967	3.916667	3.01047	0	
113	N116	6.813967	-3.083333	3.01047	0	
114	N117	6.601563	3	3.142575	0	
115	N118	6.813967	3	3.01047	0	
116	N120	-6.916667	0	3.688351	0	
117	N121	-6.916667	3	3.688351	0	
118	N122	-7.133173	0	3.563351	0	
119	N123	-7.133173	3	3.563351	0	
120	N124A	-7.133173	3.916667	3.563351	0	
121	N125A	-7.133173	-3.083333	3.563351	0	
122	N126A	-6.716506	1.791667	2.841663	0	
123	N129A	-5.416667	0	1.090275	0	
124	N130A	-5.416667	3	1.090275	0	
125	N131	-5.633173	0	0.965275	0	
126	N132	-5.633173	3	0.965275	0	
127	N133	-5.633173	3.916667	0.965275	0	
128	N134	-5.633173	-2.083333	0.965275	0	
129	N135	-4.041667	0	-1.291295	0	
130	N136	-4.041667	3	-1.291295	0	
131	N137	-4.258173	0	-1.416295	0	
132	N138	-4.258173	3	-1.416295	0	
133	N139	-4.258173	3.916667	-1.416295	0	
134	N140	-4.258173	-3.083333	-1.416295	0	
135	N141	-1.75	0	-5.260578	0	
136	N142	-1.75	3	-5.260578	0	
137	N143	-1.966506	0	-5.385578	0	
138	N144	-1.966506	3	-5.385578	0	
139	N145	-1.966506	3.916667	-5.385578	0	
140	N146	-1.966506	-3.083333	-5.385578	0	
141	N147	-0.583333	0	-7.281304	0	
142	N148	-0.79984	0	-7.406304	0	
143	N149	-0.79984	3.916667	-7.406304	0	
144	N150	-0.79984	-3.083333	-7.406304	0	
145	N151	-0.579231	3	-7.288409	0	
146	N152	-0.79984	3	-7.406304	0	
147	N147A	0.	-3.833333	-1.095417	0	
148	N148A	-0.948658	-3.833333	0.547708	0	
149	N149A	0.948659	-3.833333	0.547708	0	
150	N150A	-6.026094	0	3.479167	0	
151	N152A	6.026094	0	3.479167	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Mount Pipe Short	PIPE_2.0X	Beam	Pipe	A53 Gr.B	Typical	1.4	.827	.827	1.65
3	Dual Mount Pipe	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
4	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
5	Bottom Corner Plate	L15X6.5X6	Beam	Single Angle	A36 Gr.36	Typical	7.922	24.473	192.705	.363
6	Large Standoff Horizon...	HSS4.5X4.5X4	Beam	Tube	A500 Gr.B Rect	Typical	3.84	11.4	11.4	18.5
7	Cross Members	L3X3X4	Beam	Channel	A36 Gr.36	Typical	1.44	1.23	1.23	.031
8	Face Horizontal	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
9	Standoff Horizontal	HSS4X4X4	Beam	Tube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
10	Grating Angle	LL3x3x4x0	Beam	Double Angle (No...	A36 Gr.36	Typical	2.88	4.5	2.46	.063
11	Kicker	LL2.5x2.5x3x3	Beam	Double Angle (3/8...	A36 Gr.36	Typical	1.8	2.46	1.07	.023
12	Support Rail Angle	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N15A			Standoff Horiz...	Beam	Tube	A500 Gr.B...	Typical
2	M2	N15A	N16A			Large Standoff...	Beam	Tube	A500 Gr.B...	Typical
3	M5	N14	N10		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
4	M6	N16	N15		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
5	M7	N18	N17		180	Grating Angle	Beam	Double Angle (...	A36 Gr.36	Typical
6	M6A	N17	N15		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
7	FACE	N16	N18		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
8	M8	N22	N23			Support Rail	Beam	Pipe	A53 Gr.B	Typical
9	M18	N44	N46			RIGID	None	None	RIGID	Typical
10	M19	N43	N45			RIGID	None	None	RIGID	Typical
11	MP1A	N53	N54		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
12	M23A	N10	N17		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
13	M24	N18	N14		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
14	M38	N77	N78			Standoff Horiz...	Beam	Tube	A500 Gr.B...	Typical
15	M39A	N15	N10		270	Cross Members	Beam	Channel	A36 Gr.36	Typical
16	M40	N14	N16		270	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
17	M54	N109	N110			Standoff Horiz...	Beam	Tube	A500 Gr.B...	Typical
18	M55	N78	N108A			Large Standoff...	Beam	Tube	A500 Gr.B...	Typical
19	M56	N110	N110A			Large Standoff...	Beam	Tube	A500 Gr.B...	Typical
20	M60A	N122A	N124			RIGID	None	None	RIGID	Typical
21	OVP1	N126	N125			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
22	M62	N123A	N128			RIGID	None	None	RIGID	Typical
23	OVP2	N130	N129			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
24	M24A	N46A	N47			Support Rail	Beam	Pipe	A53 Gr.B	Typical
25	M25	N48	N49			Support Rail	Beam	Pipe	A53 Gr.B	Typical
26	M26	N50	N51			RIGID	None	None	RIGID	Typical
27	M27	N52	N53A			RIGID	None	None	RIGID	Typical
28	M28	N54A	N55			RIGID	None	None	RIGID	Typical
29	M29	N57A	N58A			RIGID	None	None	RIGID	Typical
30	M30	N58	N60			RIGID	None	None	RIGID	Typical
31	M31	N57	N62			RIGID	None	None	RIGID	Typical
32	M32	N58A	N55		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
33	M36	N60	N51		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
34	M40A	N62	N53A		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
35	M35	N62A	N64			RIGID	None	None	RIGID	Typical
36	LIVE2	N61	N63			RIGID	None	None	RIGID	Typical
37	MP2A	N65	N66		120	Mount Pipe Sh...	Beam	Pipe	A53 Gr.B	Typical
38	M38A	N68	N70			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
39	LIVE1	N67A	N69			RIGID	None	None	RIGID	Typical
40	MP3A	N71	N72		120	Dual Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
41	M41	N74	N76			RIGID	None	None	RIGID	Typical
42	M42	N73	N75			RIGID	None	None	RIGID	Typical
43	MP4A	N77A	N78A		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
44	M45	N79	N81			RIGID	None	None	RIGID	Typical
45	MP5A	N83	N84		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
46	M47	N84A	N85			RIGID	None	None	RIGID	Typical
47	M47A	N87	N89			RIGID	None	None	RIGID	Typical
48	M48	N86	N88			RIGID	None	None	RIGID	Typical
49	MP1C	N90	N91A		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
50	M50	N96	N98			RIGID	None	None	RIGID	Typical
51	M51	N95	N97			RIGID	None	None	RIGID	Typical
52	MP2C	N99	N100		120	Mount Pipe Sh...	Beam	Pipe	A53 Gr.B	Typical
53	M53	N102	N104			RIGID	None	None	RIGID	Typical
54	M54A	N101	N103			RIGID	None	None	RIGID	Typical
55	MP3C	N105	N106		120	Dual Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
56	M56A	N108	N110B			RIGID	None	None	RIGID	Typical
57	M57	N107	N109A			RIGID	None	None	RIGID	Typical
58	MP4C	N111	N112		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
59	M59	N113	N114			RIGID	None	None	RIGID	Typical
60	MP5C	N115	N116		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
61	M61	N117	N118			RIGID	None	None	RIGID	Typical
62	M62A	N121	N123			RIGID	None	None	RIGID	Typical
63	M63	N120	N122			RIGID	None	None	RIGID	Typical
64	MP1B	N124A	N125A		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
65	M65	N130A	N132			RIGID	None	None	RIGID	Typical
66	M66	N129A	N131			RIGID	None	None	RIGID	Typical
67	MP2B	N133	N134		120	Mount Pipe Sh...	Beam	Pipe	A53 Gr.B	Typical
68	M68	N136	N138			RIGID	None	None	RIGID	Typical
69	M69	N135	N137			RIGID	None	None	RIGID	Typical
70	MP3B	N139	N140		120	Dual Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
71	M71	N142	N144			RIGID	None	None	RIGID	Typical
72	M72	N141	N143			RIGID	None	None	RIGID	Typical
73	MP4B	N145	N146		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
74	M74	N147	N148			RIGID	None	None	RIGID	Typical
75	MP5B	N149	N150		120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
76	M76	N151	N152			RIGID	None	None	RIGID	Typical
77	M77	N147A	N13			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
78	M78	N148A	N150A			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
79	M79	N149A	N152A			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M5						Yes				None
4	M6						Yes				None
5	M7						Yes				None
6	M6A						Yes				None
7	FACE						Yes				None
8	M8						Yes				None
9	M18						Yes	** NA **			None
10	M19						Yes	** NA **			None
11	MP1A						Yes	Default			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...
12	M23A						Yes				None
13	M24						Yes				None
14	M38						Yes				None
15	M39A						Yes				None
16	M40						Yes				None
17	M54						Yes				None
18	M55						Yes				None
19	M56						Yes				None
20	M60A						Yes	** NA **			None
21	OVP1						Yes				None
22	M62						Yes	** NA **			None
23	OVP2						Yes				None
24	M24A						Yes				None
25	M25						Yes				None
26	M26	OOOOOX					Yes	** NA **			None
27	M27	OOOOOX					Yes	** NA **			None
28	M28	OOOOOX					Yes	** NA **			None
29	M29	OOOOOX					Yes	** NA **			None
30	M30	OOOOOX					Yes	** NA **			None
31	M31	OOOOOX					Yes	** NA **			None
32	M32						Yes				None
33	M36						Yes				None
34	M40A						Yes				None
35	M35						Yes	** NA **			None
36	LIVE2						Yes	** NA **			None
37	MP2A						Yes	Default			None
38	M38A						Yes	** NA **			None
39	LIVE1						Yes	** NA **			None
40	MP3A						Yes	Default			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	MP4A						Yes	Default			None
44	M45						Yes	** NA **			None
45	MP5A						Yes	Default			None
46	M47						Yes	** NA **			None
47	M47A						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	MP1C						Yes	Default			None
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	MP2C						Yes	Default			None
53	M53						Yes	** NA **			None
54	M54A						Yes	** NA **			None
55	MP3C						Yes	Default			None
56	M56A						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	MP4C						Yes	Default			None
59	M59						Yes	** NA **			None
60	MP5C						Yes	Default			None
61	M61						Yes	** NA **			None
62	M62A						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	MP1B						Yes	Default			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	MP2B						Yes	Default			None
68	M68						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...
69	M69						Yes	** NA **			None
70	MP3B						Yes	Default			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	MP4B						Yes	Default			None
74	M74						Yes	** NA **			None
75	MP5B						Yes	Default			None
76	M76						Yes	** NA **			None
77	M77	BenPIN	BenPIN				Yes				None
78	M78	BenPIN	BenPIN				Yes				None
79	M79	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-23	1
2	MP3A	My	-.011	1
3	MP3A	Mz	-.017	1
4	MP3A	Y	-23	5
5	MP3A	My	-.011	5
6	MP3A	Mz	-.017	5
7	MP3B	Y	-23	1
8	MP3B	My	.021	1
9	MP3B	Mz	.002	1
10	MP3B	Y	-23	5
11	MP3B	My	.021	5
12	MP3B	Mz	.002	5
13	MP3C	Y	-23	1
14	MP3C	My	-.015	1
15	MP3C	Mz	.014	1
16	MP3C	Y	-23	5
17	MP3C	My	-.015	5
18	MP3C	Mz	.014	5
19	MP3A	Y	-23	1
20	MP3A	My	-.011	1
21	MP3A	Mz	.017	1
22	MP3A	Y	-23	5
23	MP3A	My	-.011	5
24	MP3A	Mz	.017	5
25	MP3B	Y	-23	1
26	MP3B	My	-.006	1
27	MP3B	Mz	-.02	1
28	MP3B	Y	-23	5
29	MP3B	My	-.006	5
30	MP3B	Mz	-.02	5
31	MP3C	Y	-23	1
32	MP3C	My	.019	1
33	MP3C	Mz	.008	1
34	MP3C	Y	-23	5
35	MP3C	My	.019	5
36	MP3C	Mz	.008	5
37	MP2A	Y	-43.55	2
38	MP2A	My	-.022	2
39	MP2A	Mz	0	2
40	MP2A	Y	-43.55	4
41	MP2A	My	-.022	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mz	0	4
43	MP2B	Y	-43.55	2
44	MP2B	My	.014	2
45	MP2B	Mz	-.017	2
46	MP2B	Y	-43.55	4
47	MP2B	My	.014	4
48	MP2B	Mz	-.017	4
49	MP2C	Y	-43.55	2
50	MP2C	My	.004	2
51	MP2C	Mz	.021	2
52	MP2C	Y	-43.55	4
53	MP2C	My	.004	4
54	MP2C	Mz	.021	4
55	MP3A	Y	-74.7	1.75
56	MP3A	My	.037	1.75
57	MP3A	Mz	0	1.75
58	MP3B	Y	-74.7	1.75
59	MP3B	My	-.024	1.75
60	MP3B	Mz	.029	1.75
61	MP3C	Y	-74.7	1.75
62	MP3C	My	-.006	1.75
63	MP3C	Mz	-.037	1.75
64	MP4A	Y	-70.3	1.75
65	MP4A	My	.035	1.75
66	MP4A	Mz	0	1.75
67	MP4B	Y	-70.3	1.75
68	MP4B	My	-.023	1.75
69	MP4B	Mz	.027	1.75
70	MP4C	Y	-70.3	1.75
71	MP4C	My	-.006	1.75
72	MP4C	Mz	-.035	1.75
73	MP1C	Y	-13.5	1
74	MP1C	My	.003	1
75	MP1C	Mz	.006	1
76	MP1C	Y	-13.5	5
77	MP1C	My	.003	5
78	MP1C	Mz	.006	5
79	MP5C	Y	-13.5	1
80	MP5C	My	.003	1
81	MP5C	Mz	.006	1
82	MP5C	Y	-13.5	5
83	MP5C	My	.003	5
84	MP5C	Mz	.006	5
85	MP1A	Y	-10.5	1
86	MP1A	My	-.005	1
87	MP1A	Mz	0	1
88	MP1A	Y	-10.5	5
89	MP1A	My	-.005	5
90	MP1A	Mz	0	5
91	MP1B	Y	-10.5	1
92	MP1B	My	.003	1
93	MP1B	Mz	-.005	1
94	MP1B	Y	-10.5	5
95	MP1B	My	.003	5
96	MP1B	Mz	-.005	5
97	MP5A	Y	-10.5	1
98	MP5A	My	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP5A	Mz	0	1
100	MP5A	Y	-10.5	5
101	MP5A	My	-.005	5
102	MP5A	Mz	0	5
103	MP5B	Y	-10.5	1
104	MP5B	My	.003	1
105	MP5B	Mz	-.005	1
106	MP5B	Y	-10.5	5
107	MP5B	My	.003	5
108	MP5B	Mz	-.005	5
109	OVP1	Y	-32	1.5
110	OVP1	My	0	1.5
111	OVP1	Mz	0	1.5
112	OVP2	Y	-32	1.5
113	OVP2	My	0	1.5
114	OVP2	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-81.14	1
2	MP3A	My	-.041	1
3	MP3A	Mz	-.061	1
4	MP3A	Y	-81.14	5
5	MP3A	My	-.041	5
6	MP3A	Mz	-.061	5
7	MP3B	Y	-81.14	1
8	MP3B	My	.073	1
9	MP3B	Mz	.008	1
10	MP3B	Y	-81.14	5
11	MP3B	My	.073	5
12	MP3B	Mz	.008	5
13	MP3C	Y	-81.14	1
14	MP3C	My	-.053	1
15	MP3C	Mz	.051	1
16	MP3C	Y	-81.14	5
17	MP3C	My	-.053	5
18	MP3C	Mz	.051	5
19	MP3A	Y	-81.14	1
20	MP3A	My	-.041	1
21	MP3A	Mz	.061	1
22	MP3A	Y	-81.14	5
23	MP3A	My	-.041	5
24	MP3A	Mz	.061	5
25	MP3B	Y	-81.14	1
26	MP3B	My	-.021	1
27	MP3B	Mz	-.07	1
28	MP3B	Y	-81.14	5
29	MP3B	My	-.021	5
30	MP3B	Mz	-.07	5
31	MP3C	Y	-81.14	1
32	MP3C	My	.067	1
33	MP3C	Mz	.029	1
34	MP3C	Y	-81.14	5
35	MP3C	My	.067	5
36	MP3C	Mz	.029	5
37	MP2A	Y	-35.025	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	My	-.018	2
39	MP2A	Mz	0	2
40	MP2A	Y	-35.025	4
41	MP2A	My	-.018	4
42	MP2A	Mz	0	4
43	MP2B	Y	-35.025	2
44	MP2B	My	.011	2
45	MP2B	Mz	-.013	2
46	MP2B	Y	-35.025	4
47	MP2B	My	.011	4
48	MP2B	Mz	-.013	4
49	MP2C	Y	-35.025	2
50	MP2C	My	.003	2
51	MP2C	Mz	.017	2
52	MP2C	Y	-35.025	4
53	MP2C	My	.003	4
54	MP2C	Mz	.017	4
55	MP3A	Y	-44.147	1.75
56	MP3A	My	.022	1.75
57	MP3A	Mz	0	1.75
58	MP3B	Y	-44.147	1.75
59	MP3B	My	-.014	1.75
60	MP3B	Mz	.017	1.75
61	MP3C	Y	-44.147	1.75
62	MP3C	My	-.004	1.75
63	MP3C	Mz	-.022	1.75
64	MP4A	Y	-42.039	1.75
65	MP4A	My	.021	1.75
66	MP4A	Mz	0	1.75
67	MP4B	Y	-42.039	1.75
68	MP4B	My	-.014	1.75
69	MP4B	Mz	.016	1.75
70	MP4C	Y	-42.039	1.75
71	MP4C	My	-.004	1.75
72	MP4C	Mz	-.021	1.75
73	MP1C	Y	-87.253	1
74	MP1C	My	.022	1
75	MP1C	Mz	.038	1
76	MP1C	Y	-87.253	5
77	MP1C	My	.022	5
78	MP1C	Mz	.038	5
79	MP5C	Y	-87.253	1
80	MP5C	My	.022	1
81	MP5C	Mz	.038	1
82	MP5C	Y	-87.253	5
83	MP5C	My	.022	5
84	MP5C	Mz	.038	5
85	MP1A	Y	-57.516	1
86	MP1A	My	-.029	1
87	MP1A	Mz	0	1
88	MP1A	Y	-57.516	5
89	MP1A	My	-.029	5
90	MP1A	Mz	0	5
91	MP1B	Y	-57.516	1
92	MP1B	My	.014	1
93	MP1B	Mz	-.025	1
94	MP1B	Y	-57.516	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	My	.014	5
96	MP1B	Mz	-.025	5
97	MP5A	Y	-57.516	1
98	MP5A	My	-.029	1
99	MP5A	Mz	0	1
100	MP5A	Y	-57.516	5
101	MP5A	My	-.029	5
102	MP5A	Mz	0	5
103	MP5B	Y	-57.516	1
104	MP5B	My	.014	1
105	MP5B	Mz	-.025	1
106	MP5B	Y	-57.516	5
107	MP5B	My	.014	5
108	MP5B	Mz	-.025	5
109	OVP1	Y	-86.484	1.5
110	OVP1	My	0	1.5
111	OVP1	Mz	0	1.5
112	OVP2	Y	-86.484	1.5
113	OVP2	My	0	1.5
114	OVP2	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-204.204	1
3	MP3A	Mx	.153	1
4	MP3A	X	0	5
5	MP3A	Z	-204.204	5
6	MP3A	Mx	.153	5
7	MP3B	X	0	1
8	MP3B	Z	-173.462	1
9	MP3B	Mx	-.017	1
10	MP3B	X	0	5
11	MP3B	Z	-173.462	5
12	MP3B	Mx	-.017	5
13	MP3C	X	0	1
14	MP3C	Z	-153.397	1
15	MP3C	Mx	-.096	1
16	MP3C	X	0	5
17	MP3C	Z	-153.397	5
18	MP3C	Mx	-.096	5
19	MP3A	X	0	1
20	MP3A	Z	-204.204	1
21	MP3A	Mx	-.153	1
22	MP3A	X	0	5
23	MP3A	Z	-204.204	5
24	MP3A	Mx	-.153	5
25	MP3B	X	0	1
26	MP3B	Z	-173.462	1
27	MP3B	Mx	.15	1
28	MP3B	X	0	5
29	MP3B	Z	-173.462	5
30	MP3B	Mx	.15	5
31	MP3C	X	0	1
32	MP3C	Z	-153.397	1
33	MP3C	Mx	-.056	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	0	5
35	MP3C	Z	-153.397	5
36	MP3C	Mx	-.056	5
37	MP2A	X	0	2
38	MP2A	Z	-81.102	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-81.102	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-49.9	2
45	MP2B	Mx	.019	2
46	MP2B	X	0	4
47	MP2B	Z	-49.9	4
48	MP2B	Mx	.019	4
49	MP2C	X	0	2
50	MP2C	Z	-29.534	2
51	MP2C	Mx	-.015	2
52	MP2C	X	0	4
53	MP2C	Z	-29.534	4
54	MP2C	Mx	-.015	4
55	MP3A	X	0	1.75
56	MP3A	Z	-77.378	1.75
57	MP3A	Mx	0	1.75
58	MP3B	X	0	1.75
59	MP3B	Z	-62.323	1.75
60	MP3B	Mx	-.024	1.75
61	MP3C	X	0	1.75
62	MP3C	Z	-52.497	1.75
63	MP3C	Mx	.026	1.75
64	MP4A	X	0	1.75
65	MP4A	Z	-77.378	1.75
66	MP4A	Mx	0	1.75
67	MP4B	X	0	1.75
68	MP4B	Z	-59.591	1.75
69	MP4B	Mx	-.023	1.75
70	MP4C	X	0	1.75
71	MP4C	Z	-47.982	1.75
72	MP4C	Mx	.024	1.75
73	MP1C	X	0	1
74	MP1C	Z	-182.709	1
75	MP1C	Mx	-.079	1
76	MP1C	X	0	5
77	MP1C	Z	-182.709	5
78	MP1C	Mx	-.079	5
79	MP5C	X	0	1
80	MP5C	Z	-182.709	1
81	MP5C	Mx	-.079	1
82	MP5C	X	0	5
83	MP5C	Z	-182.709	5
84	MP5C	Mx	-.079	5
85	MP1A	X	0	1
86	MP1A	Z	-89.585	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	-89.585	5
90	MP1A	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP1B	X	0	1
92	MP1B	Z	-156.282	1
93	MP1B	Mx	.068	1
94	MP1B	X	0	5
95	MP1B	Z	-156.282	5
96	MP1B	Mx	.068	5
97	MP5A	X	0	1
98	MP5A	Z	-89.585	1
99	MP5A	Mx	0	1
100	MP5A	X	0	5
101	MP5A	Z	-89.585	5
102	MP5A	Mx	0	5
103	MP5B	X	0	1
104	MP5B	Z	-156.282	1
105	MP5B	Mx	.068	1
106	MP5B	X	0	5
107	MP5B	Z	-156.282	5
108	MP5B	Mx	.068	5
109	OVP1	X	0	1.5
110	OVP1	Z	-123.308	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	0	1.5
113	OVP2	Z	-123.308	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	95.553	1
2	MP3A	Z	-165.504	1
3	MP3A	Mx	.076	1
4	MP3A	X	95.553	5
5	MP3A	Z	-165.504	5
6	MP3A	Mx	.076	5
7	MP3B	X	76.698	1
8	MP3B	Z	-132.846	1
9	MP3B	Mx	.056	1
10	MP3B	X	76.698	5
11	MP3B	Z	-132.846	5
12	MP3B	Mx	.056	5
13	MP3C	X	86.731	1
14	MP3C	Z	-150.223	1
15	MP3C	Mx	-.15	1
16	MP3C	X	86.731	5
17	MP3C	Z	-150.223	5
18	MP3C	Mx	-.15	5
19	MP3A	X	95.553	1
20	MP3A	Z	-165.504	1
21	MP3A	Mx	-.172	1
22	MP3A	X	95.553	5
23	MP3A	Z	-165.504	5
24	MP3A	Mx	-.172	5
25	MP3B	X	76.698	1
26	MP3B	Z	-132.846	1
27	MP3B	Mx	.096	1
28	MP3B	X	76.698	5
29	MP3B	Z	-132.846	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	.096	5
31	MP3C	X	86.731	1
32	MP3C	Z	-150.223	1
33	MP3C	Mx	.017	1
34	MP3C	X	86.731	5
35	MP3C	Z	-150.223	5
36	MP3C	Mx	.017	5
37	MP2A	X	33.905	2
38	MP2A	Z	-58.725	2
39	MP2A	Mx	-.017	2
40	MP2A	X	33.905	4
41	MP2A	Z	-58.725	4
42	MP2A	Mx	-.017	4
43	MP2B	X	14.767	2
44	MP2B	Z	-25.577	2
45	MP2B	Mx	.015	2
46	MP2B	X	14.767	4
47	MP2B	Z	-25.577	4
48	MP2B	Mx	.015	4
49	MP2C	X	24.95	2
50	MP2C	Z	-43.214	2
51	MP2C	Mx	-.019	2
52	MP2C	X	24.95	4
53	MP2C	Z	-43.214	4
54	MP2C	Mx	-.019	4
55	MP3A	X	35.482	1.75
56	MP3A	Z	-61.457	1.75
57	MP3A	Mx	.018	1.75
58	MP3B	X	26.248	1.75
59	MP3B	Z	-45.464	1.75
60	MP3B	Mx	-.026	1.75
61	MP3C	X	31.162	1.75
62	MP3C	Z	-53.973	1.75
63	MP3C	Mx	.024	1.75
64	MP4A	X	34.9	1.75
65	MP4A	Z	-60.449	1.75
66	MP4A	Mx	.017	1.75
67	MP4B	X	23.991	1.75
68	MP4B	Z	-41.554	1.75
69	MP4B	Mx	-.024	1.75
70	MP4C	X	29.796	1.75
71	MP4C	Z	-51.608	1.75
72	MP4C	Mx	.023	1.75
73	MP1C	X	96.657	1
74	MP1C	Z	-167.415	1
75	MP1C	Mx	-.048	1
76	MP1C	X	96.657	5
77	MP1C	Z	-167.415	5
78	MP1C	Mx	-.048	5
79	MP5C	X	96.657	1
80	MP5C	Z	-167.415	1
81	MP5C	Mx	-.048	1
82	MP5C	X	96.657	5
83	MP5C	Z	-167.415	5
84	MP5C	Mx	-.048	5
85	MP1A	X	55.909	1
86	MP1A	Z	-96.837	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1A	Mx	-.028	1
88	MP1A	X	55.909	5
89	MP1A	Z	-96.837	5
90	MP1A	Mx	-.028	5
91	MP1B	X	89.257	1
92	MP1B	Z	-154.598	1
93	MP1B	Mx	.089	1
94	MP1B	X	89.257	5
95	MP1B	Z	-154.598	5
96	MP1B	Mx	.089	5
97	MP5A	X	55.909	1
98	MP5A	Z	-96.837	1
99	MP5A	Mx	-.028	1
100	MP5A	X	55.909	5
101	MP5A	Z	-96.837	5
102	MP5A	Mx	-.028	5
103	MP5B	X	89.257	1
104	MP5B	Z	-154.598	1
105	MP5B	Mx	.089	1
106	MP5B	X	89.257	5
107	MP5B	Z	-154.598	5
108	MP5B	Mx	.089	5
109	OVP1	X	53.792	1.5
110	OVP1	Z	-93.171	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	53.792	1.5
113	OVP2	Z	-93.171	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	142.82	1
2	MP3A	Z	-82.457	1
3	MP3A	Mx	-.01	1
4	MP3A	X	142.82	5
5	MP3A	Z	-82.457	5
6	MP3A	Mx	-.01	5
7	MP3B	X	136.785	1
8	MP3B	Z	-78.973	1
9	MP3B	Mx	.115	1
10	MP3B	X	136.785	5
11	MP3B	Z	-78.973	5
12	MP3B	Mx	.115	5
13	MP3C	X	171.538	1
14	MP3C	Z	-99.038	1
15	MP3C	Mx	-.173	1
16	MP3C	X	171.538	5
17	MP3C	Z	-99.038	5
18	MP3C	Mx	-.173	5
19	MP3A	X	142.82	1
20	MP3A	Z	-82.457	1
21	MP3A	Mx	-.133	1
22	MP3A	X	142.82	5
23	MP3A	Z	-82.457	5
24	MP3A	Mx	-.133	5
25	MP3B	X	136.785	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3B	Z	-78.973	1
27	MP3B	Mx	.034	1
28	MP3B	X	136.785	5
29	MP3B	Z	-78.973	5
30	MP3B	Mx	.034	5
31	MP3C	X	171.538	1
32	MP3C	Z	-99.038	1
33	MP3C	Mx	.106	1
34	MP3C	X	171.538	5
35	MP3C	Z	-99.038	5
36	MP3C	Mx	.106	5
37	MP2A	X	35.701	2
38	MP2A	Z	-20.612	2
39	MP2A	Mx	-.018	2
40	MP2A	X	35.701	4
41	MP2A	Z	-20.612	4
42	MP2A	Mx	-.018	4
43	MP2B	X	29.575	2
44	MP2B	Z	-17.075	2
45	MP2B	Mx	.016	2
46	MP2B	X	29.575	4
47	MP2B	Z	-17.075	4
48	MP2B	Mx	.016	4
49	MP2C	X	64.85	2
50	MP2C	Z	-37.441	2
51	MP2C	Mx	-.013	2
52	MP2C	X	64.85	4
53	MP2C	Z	-37.441	4
54	MP2C	Mx	-.013	4
55	MP3A	X	50.348	1.75
56	MP3A	Z	-29.068	1.75
57	MP3A	Mx	.025	1.75
58	MP3B	X	47.393	1.75
59	MP3B	Z	-27.362	1.75
60	MP3B	Mx	-.026	1.75
61	MP3C	X	64.412	1.75
62	MP3C	Z	-37.188	1.75
63	MP3C	Mx	.013	1.75
64	MP4A	X	47.325	1.75
65	MP4A	Z	-27.323	1.75
66	MP4A	Mx	.024	1.75
67	MP4B	X	43.833	1.75
68	MP4B	Z	-25.307	1.75
69	MP4B	Mx	-.024	1.75
70	MP4C	X	63.941	1.75
71	MP4C	Z	-36.916	1.75
72	MP4C	Mx	.013	1.75
73	MP1C	X	172.008	1
74	MP1C	Z	-99.309	1
75	MP1C	Mx	0	1
76	MP1C	X	172.008	5
77	MP1C	Z	-99.309	5
78	MP1C	Mx	0	5
79	MP5C	X	172.008	1
80	MP5C	Z	-99.309	1
81	MP5C	Mx	0	1
82	MP5C	X	172.008	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP5C	Z	-99.309	5
84	MP5C	Mx	0	5
85	MP1A	X	135.344	1
86	MP1A	Z	-78.141	1
87	MP1A	Mx	-.068	1
88	MP1A	X	135.344	5
89	MP1A	Z	-78.141	5
90	MP1A	Mx	-.068	5
91	MP1B	X	135.344	1
92	MP1B	Z	-78.141	1
93	MP1B	Mx	.068	1
94	MP1B	X	135.344	5
95	MP1B	Z	-78.141	5
96	MP1B	Mx	.068	5
97	MP5A	X	135.344	1
98	MP5A	Z	-78.141	1
99	MP5A	Mx	-.068	1
100	MP5A	X	135.344	5
101	MP5A	Z	-78.141	5
102	MP5A	Mx	-.068	5
103	MP5B	X	135.344	1
104	MP5B	Z	-78.141	1
105	MP5B	Mx	.068	1
106	MP5B	X	135.344	5
107	MP5B	Z	-78.141	5
108	MP5B	Mx	.068	5
109	OVP1	X	86.362	1.5
110	OVP1	Z	-49.861	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	86.362	1.5
113	OVP2	Z	-49.861	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	151.817	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.076	1
4	MP3A	X	151.817	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.076	5
7	MP3B	X	182.559	1
8	MP3B	Z	0	1
9	MP3B	Mx	.164	1
10	MP3B	X	182.559	5
11	MP3B	Z	0	5
12	MP3B	Mx	.164	5
13	MP3C	X	202.624	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.132	1
16	MP3C	X	202.624	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.132	5
19	MP3A	X	151.817	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.076	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	151.817	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.076	5
25	MP3B	X	182.559	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.046	1
28	MP3B	X	182.559	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.046	5
31	MP3C	X	202.624	1
32	MP3C	Z	0	1
33	MP3C	Mx	.167	1
34	MP3C	X	202.624	5
35	MP3C	Z	0	5
36	MP3C	Mx	.167	5
37	MP2A	X	27.931	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.014	2
40	MP2A	X	27.931	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.014	4
43	MP2B	X	59.133	2
44	MP2B	Z	0	2
45	MP2B	Mx	.019	2
46	MP2B	X	59.133	4
47	MP2B	Z	0	4
48	MP2B	Mx	.019	4
49	MP2C	X	79.499	2
50	MP2C	Z	0	2
51	MP2C	Mx	.007	2
52	MP2C	X	79.499	4
53	MP2C	Z	0	4
54	MP2C	Mx	.007	4
55	MP3A	X	51.723	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	.026	1.75
58	MP3B	X	66.778	1.75
59	MP3B	Z	0	1.75
60	MP3B	Mx	-.021	1.75
61	MP3C	X	76.604	1.75
62	MP3C	Z	0	1.75
63	MP3C	Mx	-.007	1.75
64	MP4A	X	47.068	1.75
65	MP4A	Z	0	1.75
66	MP4A	Mx	.024	1.75
67	MP4B	X	64.855	1.75
68	MP4B	Z	0	1.75
69	MP4B	Mx	-.021	1.75
70	MP4C	X	76.464	1.75
71	MP4C	Z	0	1.75
72	MP4C	Mx	-.007	1.75
73	MP1C	X	193.314	1
74	MP1C	Z	0	1
75	MP1C	Mx	.048	1
76	MP1C	X	193.314	5
77	MP1C	Z	0	5
78	MP1C	Mx	.048	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP5C	X	193.314	1
80	MP5C	Z	0	1
81	MP5C	Mx	.048	1
82	MP5C	X	193.314	5
83	MP5C	Z	0	5
84	MP5C	Mx	.048	5
85	MP1A	X	178.515	1
86	MP1A	Z	0	1
87	MP1A	Mx	-.089	1
88	MP1A	X	178.515	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.089	5
91	MP1B	X	111.817	1
92	MP1B	Z	0	1
93	MP1B	Mx	.028	1
94	MP1B	X	111.817	5
95	MP1B	Z	0	5
96	MP1B	Mx	.028	5
97	MP5A	X	178.515	1
98	MP5A	Z	0	1
99	MP5A	Mx	-.089	1
100	MP5A	X	178.515	5
101	MP5A	Z	0	5
102	MP5A	Mx	-.089	5
103	MP5B	X	111.817	1
104	MP5B	Z	0	1
105	MP5B	Mx	.028	1
106	MP5B	X	111.817	5
107	MP5B	Z	0	5
108	MP5B	Mx	.028	5
109	OVP1	X	107.584	1.5
110	OVP1	Z	0	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	107.584	1.5
113	OVP2	Z	0	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	142.82	1
2	MP3A	Z	82.457	1
3	MP3A	Mx	-.133	1
4	MP3A	X	142.82	5
5	MP3A	Z	82.457	5
6	MP3A	Mx	-.133	5
7	MP3B	X	175.477	1
8	MP3B	Z	101.312	1
9	MP3B	Mx	.167	1
10	MP3B	X	175.477	5
11	MP3B	Z	101.312	5
12	MP3B	Mx	.167	5
13	MP3C	X	158.101	1
14	MP3C	Z	91.279	1
15	MP3C	Mx	-.046	1
16	MP3C	X	158.101	5
17	MP3C	Z	91.279	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.046	5
19	MP3A	X	142.82	1
20	MP3A	Z	82.457	1
21	MP3A	Mx	-.01	1
22	MP3A	X	142.82	5
23	MP3A	Z	82.457	5
24	MP3A	Mx	-.01	5
25	MP3B	X	175.477	1
26	MP3B	Z	101.312	1
27	MP3B	Mx	-.132	1
28	MP3B	X	175.477	5
29	MP3B	Z	101.312	5
30	MP3B	Mx	-.132	5
31	MP3C	X	158.101	1
32	MP3C	Z	91.279	1
33	MP3C	Mx	.164	1
34	MP3C	X	158.101	5
35	MP3C	Z	91.279	5
36	MP3C	Mx	.164	5
37	MP2A	X	35.701	2
38	MP2A	Z	20.612	2
39	MP2A	Mx	-.018	2
40	MP2A	X	35.701	4
41	MP2A	Z	20.612	4
42	MP2A	Mx	-.018	4
43	MP2B	X	68.848	2
44	MP2B	Z	39.749	2
45	MP2B	Mx	.007	2
46	MP2B	X	68.848	4
47	MP2B	Z	39.749	4
48	MP2B	Mx	.007	4
49	MP2C	X	51.211	2
50	MP2C	Z	29.566	2
51	MP2C	Mx	.019	2
52	MP2C	X	51.211	4
53	MP2C	Z	29.566	4
54	MP2C	Mx	.019	4
55	MP3A	X	50.348	1.75
56	MP3A	Z	29.068	1.75
57	MP3A	Mx	.025	1.75
58	MP3B	X	66.341	1.75
59	MP3B	Z	38.302	1.75
60	MP3B	Mx	-.007	1.75
61	MP3C	X	57.832	1.75
62	MP3C	Z	33.389	1.75
63	MP3C	Mx	-.021	1.75
64	MP4A	X	47.325	1.75
65	MP4A	Z	27.323	1.75
66	MP4A	Mx	.024	1.75
67	MP4B	X	66.22	1.75
68	MP4B	Z	38.232	1.75
69	MP4B	Mx	-.007	1.75
70	MP4C	X	56.166	1.75
71	MP4C	Z	32.427	1.75
72	MP4C	Mx	-.021	1.75
73	MP1C	X	158.23	1
74	MP1C	Z	91.354	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP1C	Mx	.079	1
76	MP1C	X	158.23	5
77	MP1C	Z	91.354	5
78	MP1C	Mx	.079	5
79	MP5C	X	158.23	1
80	MP5C	Z	91.354	1
81	MP5C	Mx	.079	1
82	MP5C	X	158.23	5
83	MP5C	Z	91.354	5
84	MP5C	Mx	.079	5
85	MP1A	X	135.344	1
86	MP1A	Z	78.141	1
87	MP1A	Mx	-.068	1
88	MP1A	X	135.344	5
89	MP1A	Z	78.141	5
90	MP1A	Mx	-.068	5
91	MP1B	X	77.583	1
92	MP1B	Z	44.792	1
93	MP1B	Mx	0	1
94	MP1B	X	77.583	5
95	MP1B	Z	44.792	5
96	MP1B	Mx	0	5
97	MP5A	X	135.344	1
98	MP5A	Z	78.141	1
99	MP5A	Mx	-.068	1
100	MP5A	X	135.344	5
101	MP5A	Z	78.141	5
102	MP5A	Mx	-.068	5
103	MP5B	X	77.583	1
104	MP5B	Z	44.792	1
105	MP5B	Mx	0	1
106	MP5B	X	77.583	5
107	MP5B	Z	44.792	5
108	MP5B	Mx	0	5
109	OVP1	X	106.788	1.5
110	OVP1	Z	61.654	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	106.788	1.5
113	OVP2	Z	61.654	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	95.553	1
2	MP3A	Z	165.504	1
3	MP3A	Mx	-.172	1
4	MP3A	X	95.553	5
5	MP3A	Z	165.504	5
6	MP3A	Mx	-.172	5
7	MP3B	X	99.038	1
8	MP3B	Z	171.538	1
9	MP3B	Mx	.106	1
10	MP3B	X	99.038	5
11	MP3B	Z	171.538	5
12	MP3B	Mx	.106	5
13	MP3C	X	78.973	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3C	Z	136.785	1
15	MP3C	Mx	.034	1
16	MP3C	X	78.973	5
17	MP3C	Z	136.785	5
18	MP3C	Mx	.034	5
19	MP3A	X	95.553	1
20	MP3A	Z	165.504	1
21	MP3A	Mx	.076	1
22	MP3A	X	95.553	5
23	MP3A	Z	165.504	5
24	MP3A	Mx	.076	5
25	MP3B	X	99.038	1
26	MP3B	Z	171.538	1
27	MP3B	Mx	-.173	1
28	MP3B	X	99.038	5
29	MP3B	Z	171.538	5
30	MP3B	Mx	-.173	5
31	MP3C	X	78.973	1
32	MP3C	Z	136.785	1
33	MP3C	Mx	.115	1
34	MP3C	X	78.973	5
35	MP3C	Z	136.785	5
36	MP3C	Mx	.115	5
37	MP2A	X	33.905	2
38	MP2A	Z	58.725	2
39	MP2A	Mx	-.017	2
40	MP2A	X	33.905	4
41	MP2A	Z	58.725	4
42	MP2A	Mx	-.017	4
43	MP2B	X	37.441	2
44	MP2B	Z	64.85	2
45	MP2B	Mx	-.013	2
46	MP2B	X	37.441	4
47	MP2B	Z	64.85	4
48	MP2B	Mx	-.013	4
49	MP2C	X	17.075	2
50	MP2C	Z	29.575	2
51	MP2C	Mx	.016	2
52	MP2C	X	17.075	4
53	MP2C	Z	29.575	4
54	MP2C	Mx	.016	4
55	MP3A	X	35.482	1.75
56	MP3A	Z	61.457	1.75
57	MP3A	Mx	.018	1.75
58	MP3B	X	37.188	1.75
59	MP3B	Z	64.412	1.75
60	MP3B	Mx	.013	1.75
61	MP3C	X	27.362	1.75
62	MP3C	Z	47.393	1.75
63	MP3C	Mx	-.026	1.75
64	MP4A	X	34.9	1.75
65	MP4A	Z	60.449	1.75
66	MP4A	Mx	.017	1.75
67	MP4B	X	36.916	1.75
68	MP4B	Z	63.941	1.75
69	MP4B	Mx	.013	1.75
70	MP4C	X	25.307	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP4C	Z	43.833	1.75
72	MP4C	Mx	-.024	1.75
73	MP1C	X	88.703	1
74	MP1C	Z	153.638	1
75	MP1C	Mx	.089	1
76	MP1C	X	88.703	5
77	MP1C	Z	153.638	5
78	MP1C	Mx	.089	5
79	MP5C	X	88.703	1
80	MP5C	Z	153.638	1
81	MP5C	Mx	.089	1
82	MP5C	X	88.703	5
83	MP5C	Z	153.638	5
84	MP5C	Mx	.089	5
85	MP1A	X	55.909	1
86	MP1A	Z	96.837	1
87	MP1A	Mx	-.028	1
88	MP1A	X	55.909	5
89	MP1A	Z	96.837	5
90	MP1A	Mx	-.028	5
91	MP1B	X	55.909	1
92	MP1B	Z	96.837	1
93	MP1B	Mx	-.028	1
94	MP1B	X	55.909	5
95	MP1B	Z	96.837	5
96	MP1B	Mx	-.028	5
97	MP5A	X	55.909	1
98	MP5A	Z	96.837	1
99	MP5A	Mx	-.028	1
100	MP5A	X	55.909	5
101	MP5A	Z	96.837	5
102	MP5A	Mx	-.028	5
103	MP5B	X	55.909	1
104	MP5B	Z	96.837	1
105	MP5B	Mx	-.028	1
106	MP5B	X	55.909	5
107	MP5B	Z	96.837	5
108	MP5B	Mx	-.028	5
109	OVP1	X	65.585	1.5
110	OVP1	Z	113.597	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	65.585	1.5
113	OVP2	Z	113.597	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	204.204	1
3	MP3A	Mx	-.153	1
4	MP3A	X	0	5
5	MP3A	Z	204.204	5
6	MP3A	Mx	-.153	5
7	MP3B	X	0	1
8	MP3B	Z	173.462	1
9	MP3B	Mx	.017	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3B	X	0	5
11	MP3B	Z	173.462	5
12	MP3B	Mx	.017	5
13	MP3C	X	0	1
14	MP3C	Z	153.397	1
15	MP3C	Mx	.096	1
16	MP3C	X	0	5
17	MP3C	Z	153.397	5
18	MP3C	Mx	.096	5
19	MP3A	X	0	1
20	MP3A	Z	204.204	1
21	MP3A	Mx	.153	1
22	MP3A	X	0	5
23	MP3A	Z	204.204	5
24	MP3A	Mx	.153	5
25	MP3B	X	0	1
26	MP3B	Z	173.462	1
27	MP3B	Mx	-.15	1
28	MP3B	X	0	5
29	MP3B	Z	173.462	5
30	MP3B	Mx	-.15	5
31	MP3C	X	0	1
32	MP3C	Z	153.397	1
33	MP3C	Mx	.056	1
34	MP3C	X	0	5
35	MP3C	Z	153.397	5
36	MP3C	Mx	.056	5
37	MP2A	X	0	2
38	MP2A	Z	81.102	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	81.102	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	49.9	2
45	MP2B	Mx	-.019	2
46	MP2B	X	0	4
47	MP2B	Z	49.9	4
48	MP2B	Mx	-.019	4
49	MP2C	X	0	2
50	MP2C	Z	29.534	2
51	MP2C	Mx	.015	2
52	MP2C	X	0	4
53	MP2C	Z	29.534	4
54	MP2C	Mx	.015	4
55	MP3A	X	0	1.75
56	MP3A	Z	77.378	1.75
57	MP3A	Mx	0	1.75
58	MP3B	X	0	1.75
59	MP3B	Z	62.323	1.75
60	MP3B	Mx	.024	1.75
61	MP3C	X	0	1.75
62	MP3C	Z	52.497	1.75
63	MP3C	Mx	-.026	1.75
64	MP4A	X	0	1.75
65	MP4A	Z	77.378	1.75
66	MP4A	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP4B	X	0	1.75
68	MP4B	Z	59.591	1.75
69	MP4B	Mx	.023	1.75
70	MP4C	X	0	1.75
71	MP4C	Z	47.982	1.75
72	MP4C	Mx	-.024	1.75
73	MP1C	X	0	1
74	MP1C	Z	182.709	1
75	MP1C	Mx	.079	1
76	MP1C	X	0	5
77	MP1C	Z	182.709	5
78	MP1C	Mx	.079	5
79	MP5C	X	0	1
80	MP5C	Z	182.709	1
81	MP5C	Mx	.079	1
82	MP5C	X	0	5
83	MP5C	Z	182.709	5
84	MP5C	Mx	.079	5
85	MP1A	X	0	1
86	MP1A	Z	89.585	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	89.585	5
90	MP1A	Mx	0	5
91	MP1B	X	0	1
92	MP1B	Z	156.282	1
93	MP1B	Mx	-.068	1
94	MP1B	X	0	5
95	MP1B	Z	156.282	5
96	MP1B	Mx	-.068	5
97	MP5A	X	0	1
98	MP5A	Z	89.585	1
99	MP5A	Mx	0	1
100	MP5A	X	0	5
101	MP5A	Z	89.585	5
102	MP5A	Mx	0	5
103	MP5B	X	0	1
104	MP5B	Z	156.282	1
105	MP5B	Mx	-.068	1
106	MP5B	X	0	5
107	MP5B	Z	156.282	5
108	MP5B	Mx	-.068	5
109	OVP1	X	0	1.5
110	OVP1	Z	123.308	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	0	1.5
113	OVP2	Z	123.308	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-95.553	1
2	MP3A	Z	165.504	1
3	MP3A	Mx	-.076	1
4	MP3A	X	-95.553	5
5	MP3A	Z	165.504	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.076	5
7	MP3B	X	-76.698	1
8	MP3B	Z	132.846	1
9	MP3B	Mx	-.056	1
10	MP3B	X	-76.698	5
11	MP3B	Z	132.846	5
12	MP3B	Mx	-.056	5
13	MP3C	X	-86.731	1
14	MP3C	Z	150.223	1
15	MP3C	Mx	.15	1
16	MP3C	X	-86.731	5
17	MP3C	Z	150.223	5
18	MP3C	Mx	.15	5
19	MP3A	X	-95.553	1
20	MP3A	Z	165.504	1
21	MP3A	Mx	.172	1
22	MP3A	X	-95.553	5
23	MP3A	Z	165.504	5
24	MP3A	Mx	.172	5
25	MP3B	X	-76.698	1
26	MP3B	Z	132.846	1
27	MP3B	Mx	-.096	1
28	MP3B	X	-76.698	5
29	MP3B	Z	132.846	5
30	MP3B	Mx	-.096	5
31	MP3C	X	-86.731	1
32	MP3C	Z	150.223	1
33	MP3C	Mx	-.017	1
34	MP3C	X	-86.731	5
35	MP3C	Z	150.223	5
36	MP3C	Mx	-.017	5
37	MP2A	X	-33.905	2
38	MP2A	Z	58.725	2
39	MP2A	Mx	.017	2
40	MP2A	X	-33.905	4
41	MP2A	Z	58.725	4
42	MP2A	Mx	.017	4
43	MP2B	X	-14.767	2
44	MP2B	Z	25.577	2
45	MP2B	Mx	-.015	2
46	MP2B	X	-14.767	4
47	MP2B	Z	25.577	4
48	MP2B	Mx	-.015	4
49	MP2C	X	-24.95	2
50	MP2C	Z	43.214	2
51	MP2C	Mx	.019	2
52	MP2C	X	-24.95	4
53	MP2C	Z	43.214	4
54	MP2C	Mx	.019	4
55	MP3A	X	-35.482	1.75
56	MP3A	Z	61.457	1.75
57	MP3A	Mx	-.018	1.75
58	MP3B	X	-26.248	1.75
59	MP3B	Z	45.464	1.75
60	MP3B	Mx	.026	1.75
61	MP3C	X	-31.162	1.75
62	MP3C	Z	53.973	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3C	Mx	-.024	1.75
64	MP4A	X	-34.9	1.75
65	MP4A	Z	60.449	1.75
66	MP4A	Mx	-.017	1.75
67	MP4B	X	-23.991	1.75
68	MP4B	Z	41.554	1.75
69	MP4B	Mx	.024	1.75
70	MP4C	X	-29.796	1.75
71	MP4C	Z	51.608	1.75
72	MP4C	Mx	-.023	1.75
73	MP1C	X	-96.657	1
74	MP1C	Z	167.415	1
75	MP1C	Mx	.048	1
76	MP1C	X	-96.657	5
77	MP1C	Z	167.415	5
78	MP1C	Mx	.048	5
79	MP5C	X	-96.657	1
80	MP5C	Z	167.415	1
81	MP5C	Mx	.048	1
82	MP5C	X	-96.657	5
83	MP5C	Z	167.415	5
84	MP5C	Mx	.048	5
85	MP1A	X	-55.909	1
86	MP1A	Z	96.837	1
87	MP1A	Mx	.028	1
88	MP1A	X	-55.909	5
89	MP1A	Z	96.837	5
90	MP1A	Mx	.028	5
91	MP1B	X	-89.257	1
92	MP1B	Z	154.598	1
93	MP1B	Mx	-.089	1
94	MP1B	X	-89.257	5
95	MP1B	Z	154.598	5
96	MP1B	Mx	-.089	5
97	MP5A	X	-55.909	1
98	MP5A	Z	96.837	1
99	MP5A	Mx	.028	1
100	MP5A	X	-55.909	5
101	MP5A	Z	96.837	5
102	MP5A	Mx	.028	5
103	MP5B	X	-89.257	1
104	MP5B	Z	154.598	1
105	MP5B	Mx	-.089	1
106	MP5B	X	-89.257	5
107	MP5B	Z	154.598	5
108	MP5B	Mx	-.089	5
109	OVP1	X	-53.792	1.5
110	OVP1	Z	93.171	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-53.792	1.5
113	OVP2	Z	93.171	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-142.82	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	82.457	1
3	MP3A	Mx	.01	1
4	MP3A	X	-142.82	5
5	MP3A	Z	82.457	5
6	MP3A	Mx	.01	5
7	MP3B	X	-136.785	1
8	MP3B	Z	78.973	1
9	MP3B	Mx	-.115	1
10	MP3B	X	-136.785	5
11	MP3B	Z	78.973	5
12	MP3B	Mx	-.115	5
13	MP3C	X	-171.538	1
14	MP3C	Z	99.038	1
15	MP3C	Mx	.173	1
16	MP3C	X	-171.538	5
17	MP3C	Z	99.038	5
18	MP3C	Mx	.173	5
19	MP3A	X	-142.82	1
20	MP3A	Z	82.457	1
21	MP3A	Mx	.133	1
22	MP3A	X	-142.82	5
23	MP3A	Z	82.457	5
24	MP3A	Mx	.133	5
25	MP3B	X	-136.785	1
26	MP3B	Z	78.973	1
27	MP3B	Mx	-.034	1
28	MP3B	X	-136.785	5
29	MP3B	Z	78.973	5
30	MP3B	Mx	-.034	5
31	MP3C	X	-171.538	1
32	MP3C	Z	99.038	1
33	MP3C	Mx	-.106	1
34	MP3C	X	-171.538	5
35	MP3C	Z	99.038	5
36	MP3C	Mx	-.106	5
37	MP2A	X	-35.701	2
38	MP2A	Z	20.612	2
39	MP2A	Mx	.018	2
40	MP2A	X	-35.701	4
41	MP2A	Z	20.612	4
42	MP2A	Mx	.018	4
43	MP2B	X	-29.575	2
44	MP2B	Z	17.075	2
45	MP2B	Mx	-.016	2
46	MP2B	X	-29.575	4
47	MP2B	Z	17.075	4
48	MP2B	Mx	-.016	4
49	MP2C	X	-64.85	2
50	MP2C	Z	37.441	2
51	MP2C	Mx	.013	2
52	MP2C	X	-64.85	4
53	MP2C	Z	37.441	4
54	MP2C	Mx	.013	4
55	MP3A	X	-50.348	1.75
56	MP3A	Z	29.068	1.75
57	MP3A	Mx	-.025	1.75
58	MP3B	X	-47.393	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3B	Z	27.362	1.75
60	MP3B	Mx	.026	1.75
61	MP3C	X	-64.412	1.75
62	MP3C	Z	37.188	1.75
63	MP3C	Mx	-.013	1.75
64	MP4A	X	-47.325	1.75
65	MP4A	Z	27.323	1.75
66	MP4A	Mx	-.024	1.75
67	MP4B	X	-43.833	1.75
68	MP4B	Z	25.307	1.75
69	MP4B	Mx	.024	1.75
70	MP4C	X	-63.941	1.75
71	MP4C	Z	36.916	1.75
72	MP4C	Mx	-.013	1.75
73	MP1C	X	-172.008	1
74	MP1C	Z	99.309	1
75	MP1C	Mx	0	1
76	MP1C	X	-172.008	5
77	MP1C	Z	99.309	5
78	MP1C	Mx	0	5
79	MP5C	X	-172.008	1
80	MP5C	Z	99.309	1
81	MP5C	Mx	0	1
82	MP5C	X	-172.008	5
83	MP5C	Z	99.309	5
84	MP5C	Mx	0	5
85	MP1A	X	-135.344	1
86	MP1A	Z	78.141	1
87	MP1A	Mx	.068	1
88	MP1A	X	-135.344	5
89	MP1A	Z	78.141	5
90	MP1A	Mx	.068	5
91	MP1B	X	-135.344	1
92	MP1B	Z	78.141	1
93	MP1B	Mx	-.068	1
94	MP1B	X	-135.344	5
95	MP1B	Z	78.141	5
96	MP1B	Mx	-.068	5
97	MP5A	X	-135.344	1
98	MP5A	Z	78.141	1
99	MP5A	Mx	.068	1
100	MP5A	X	-135.344	5
101	MP5A	Z	78.141	5
102	MP5A	Mx	.068	5
103	MP5B	X	-135.344	1
104	MP5B	Z	78.141	1
105	MP5B	Mx	-.068	1
106	MP5B	X	-135.344	5
107	MP5B	Z	78.141	5
108	MP5B	Mx	-.068	5
109	OVP1	X	-86.362	1.5
110	OVP1	Z	49.861	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-86.362	1.5
113	OVP2	Z	49.861	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-151.817	1
2	MP3A	Z	0	1
3	MP3A	Mx	.076	1
4	MP3A	X	-151.817	5
5	MP3A	Z	0	5
6	MP3A	Mx	.076	5
7	MP3B	X	-182.559	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.164	1
10	MP3B	X	-182.559	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.164	5
13	MP3C	X	-202.624	1
14	MP3C	Z	0	1
15	MP3C	Mx	.132	1
16	MP3C	X	-202.624	5
17	MP3C	Z	0	5
18	MP3C	Mx	.132	5
19	MP3A	X	-151.817	1
20	MP3A	Z	0	1
21	MP3A	Mx	.076	1
22	MP3A	X	-151.817	5
23	MP3A	Z	0	5
24	MP3A	Mx	.076	5
25	MP3B	X	-182.559	1
26	MP3B	Z	0	1
27	MP3B	Mx	.046	1
28	MP3B	X	-182.559	5
29	MP3B	Z	0	5
30	MP3B	Mx	.046	5
31	MP3C	X	-202.624	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.167	1
34	MP3C	X	-202.624	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.167	5
37	MP2A	X	-27.931	2
38	MP2A	Z	0	2
39	MP2A	Mx	.014	2
40	MP2A	X	-27.931	4
41	MP2A	Z	0	4
42	MP2A	Mx	.014	4
43	MP2B	X	-59.133	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.019	2
46	MP2B	X	-59.133	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.019	4
49	MP2C	X	-79.499	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.007	2
52	MP2C	X	-79.499	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.007	4
55	MP3A	X	-51.723	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	-.026	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-66.778	1.75
59	MP3B	Z	0	1.75
60	MP3B	Mx	.021	1.75
61	MP3C	X	-76.604	1.75
62	MP3C	Z	0	1.75
63	MP3C	Mx	.007	1.75
64	MP4A	X	-47.068	1.75
65	MP4A	Z	0	1.75
66	MP4A	Mx	-.024	1.75
67	MP4B	X	-64.855	1.75
68	MP4B	Z	0	1.75
69	MP4B	Mx	.021	1.75
70	MP4C	X	-76.464	1.75
71	MP4C	Z	0	1.75
72	MP4C	Mx	.007	1.75
73	MP1C	X	-193.314	1
74	MP1C	Z	0	1
75	MP1C	Mx	-.048	1
76	MP1C	X	-193.314	5
77	MP1C	Z	0	5
78	MP1C	Mx	-.048	5
79	MP5C	X	-193.314	1
80	MP5C	Z	0	1
81	MP5C	Mx	-.048	1
82	MP5C	X	-193.314	5
83	MP5C	Z	0	5
84	MP5C	Mx	-.048	5
85	MP1A	X	-178.515	1
86	MP1A	Z	0	1
87	MP1A	Mx	.089	1
88	MP1A	X	-178.515	5
89	MP1A	Z	0	5
90	MP1A	Mx	.089	5
91	MP1B	X	-111.817	1
92	MP1B	Z	0	1
93	MP1B	Mx	-.028	1
94	MP1B	X	-111.817	5
95	MP1B	Z	0	5
96	MP1B	Mx	-.028	5
97	MP5A	X	-178.515	1
98	MP5A	Z	0	1
99	MP5A	Mx	.089	1
100	MP5A	X	-178.515	5
101	MP5A	Z	0	5
102	MP5A	Mx	.089	5
103	MP5B	X	-111.817	1
104	MP5B	Z	0	1
105	MP5B	Mx	-.028	1
106	MP5B	X	-111.817	5
107	MP5B	Z	0	5
108	MP5B	Mx	-.028	5
109	OVP1	X	-107.584	1.5
110	OVP1	Z	0	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-107.584	1.5
113	OVP2	Z	0	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-142.82	1
2	MP3A	Z	-82.457	1
3	MP3A	Mx	.133	1
4	MP3A	X	-142.82	5
5	MP3A	Z	-82.457	5
6	MP3A	Mx	.133	5
7	MP3B	X	-175.477	1
8	MP3B	Z	-101.312	1
9	MP3B	Mx	-.167	1
10	MP3B	X	-175.477	5
11	MP3B	Z	-101.312	5
12	MP3B	Mx	-.167	5
13	MP3C	X	-158.101	1
14	MP3C	Z	-91.279	1
15	MP3C	Mx	.046	1
16	MP3C	X	-158.101	5
17	MP3C	Z	-91.279	5
18	MP3C	Mx	.046	5
19	MP3A	X	-142.82	1
20	MP3A	Z	-82.457	1
21	MP3A	Mx	.01	1
22	MP3A	X	-142.82	5
23	MP3A	Z	-82.457	5
24	MP3A	Mx	.01	5
25	MP3B	X	-175.477	1
26	MP3B	Z	-101.312	1
27	MP3B	Mx	.132	1
28	MP3B	X	-175.477	5
29	MP3B	Z	-101.312	5
30	MP3B	Mx	.132	5
31	MP3C	X	-158.101	1
32	MP3C	Z	-91.279	1
33	MP3C	Mx	-.164	1
34	MP3C	X	-158.101	5
35	MP3C	Z	-91.279	5
36	MP3C	Mx	-.164	5
37	MP2A	X	-35.701	2
38	MP2A	Z	-20.612	2
39	MP2A	Mx	.018	2
40	MP2A	X	-35.701	4
41	MP2A	Z	-20.612	4
42	MP2A	Mx	.018	4
43	MP2B	X	-68.848	2
44	MP2B	Z	-39.749	2
45	MP2B	Mx	-.007	2
46	MP2B	X	-68.848	4
47	MP2B	Z	-39.749	4
48	MP2B	Mx	-.007	4
49	MP2C	X	-51.211	2
50	MP2C	Z	-29.566	2
51	MP2C	Mx	-.019	2
52	MP2C	X	-51.211	4
53	MP2C	Z	-29.566	4
54	MP2C	Mx	-.019	4
55	MP3A	X	-50.348	1.75
56	MP3A	Z	-29.068	1.75
57	MP3A	Mx	-.025	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-66.341	1.75
59	MP3B	Z	-38.302	1.75
60	MP3B	Mx	.007	1.75
61	MP3C	X	-57.832	1.75
62	MP3C	Z	-33.389	1.75
63	MP3C	Mx	.021	1.75
64	MP4A	X	-47.325	1.75
65	MP4A	Z	-27.323	1.75
66	MP4A	Mx	-.024	1.75
67	MP4B	X	-66.22	1.75
68	MP4B	Z	-38.232	1.75
69	MP4B	Mx	.007	1.75
70	MP4C	X	-56.166	1.75
71	MP4C	Z	-32.427	1.75
72	MP4C	Mx	.021	1.75
73	MP1C	X	-158.23	1
74	MP1C	Z	-91.354	1
75	MP1C	Mx	-.079	1
76	MP1C	X	-158.23	5
77	MP1C	Z	-91.354	5
78	MP1C	Mx	-.079	5
79	MP5C	X	-158.23	1
80	MP5C	Z	-91.354	1
81	MP5C	Mx	-.079	1
82	MP5C	X	-158.23	5
83	MP5C	Z	-91.354	5
84	MP5C	Mx	-.079	5
85	MP1A	X	-135.344	1
86	MP1A	Z	-78.141	1
87	MP1A	Mx	.068	1
88	MP1A	X	-135.344	5
89	MP1A	Z	-78.141	5
90	MP1A	Mx	.068	5
91	MP1B	X	-77.583	1
92	MP1B	Z	-44.792	1
93	MP1B	Mx	0	1
94	MP1B	X	-77.583	5
95	MP1B	Z	-44.792	5
96	MP1B	Mx	0	5
97	MP5A	X	-135.344	1
98	MP5A	Z	-78.141	1
99	MP5A	Mx	.068	1
100	MP5A	X	-135.344	5
101	MP5A	Z	-78.141	5
102	MP5A	Mx	.068	5
103	MP5B	X	-77.583	1
104	MP5B	Z	-44.792	1
105	MP5B	Mx	0	1
106	MP5B	X	-77.583	5
107	MP5B	Z	-44.792	5
108	MP5B	Mx	0	5
109	OVP1	X	-106.788	1.5
110	OVP1	Z	-61.654	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-106.788	1.5
113	OVP2	Z	-61.654	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-95.553	1
2	MP3A	Z	-165.504	1
3	MP3A	Mx	.172	1
4	MP3A	X	-95.553	5
5	MP3A	Z	-165.504	5
6	MP3A	Mx	.172	5
7	MP3B	X	-99.038	1
8	MP3B	Z	-171.538	1
9	MP3B	Mx	-.106	1
10	MP3B	X	-99.038	5
11	MP3B	Z	-171.538	5
12	MP3B	Mx	-.106	5
13	MP3C	X	-78.973	1
14	MP3C	Z	-136.785	1
15	MP3C	Mx	-.034	1
16	MP3C	X	-78.973	5
17	MP3C	Z	-136.785	5
18	MP3C	Mx	-.034	5
19	MP3A	X	-95.553	1
20	MP3A	Z	-165.504	1
21	MP3A	Mx	-.076	1
22	MP3A	X	-95.553	5
23	MP3A	Z	-165.504	5
24	MP3A	Mx	-.076	5
25	MP3B	X	-99.038	1
26	MP3B	Z	-171.538	1
27	MP3B	Mx	.173	1
28	MP3B	X	-99.038	5
29	MP3B	Z	-171.538	5
30	MP3B	Mx	.173	5
31	MP3C	X	-78.973	1
32	MP3C	Z	-136.785	1
33	MP3C	Mx	-.115	1
34	MP3C	X	-78.973	5
35	MP3C	Z	-136.785	5
36	MP3C	Mx	-.115	5
37	MP2A	X	-33.905	2
38	MP2A	Z	-58.725	2
39	MP2A	Mx	.017	2
40	MP2A	X	-33.905	4
41	MP2A	Z	-58.725	4
42	MP2A	Mx	.017	4
43	MP2B	X	-37.441	2
44	MP2B	Z	-64.85	2
45	MP2B	Mx	.013	2
46	MP2B	X	-37.441	4
47	MP2B	Z	-64.85	4
48	MP2B	Mx	.013	4
49	MP2C	X	-17.075	2
50	MP2C	Z	-29.575	2
51	MP2C	Mx	-.016	2
52	MP2C	X	-17.075	4
53	MP2C	Z	-29.575	4
54	MP2C	Mx	-.016	4
55	MP3A	X	-35.482	1.75
56	MP3A	Z	-61.457	1.75
57	MP3A	Mx	-.018	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-37.188	1.75
59	MP3B	Z	-64.412	1.75
60	MP3B	Mx	-.013	1.75
61	MP3C	X	-27.362	1.75
62	MP3C	Z	-47.393	1.75
63	MP3C	Mx	.026	1.75
64	MP4A	X	-34.9	1.75
65	MP4A	Z	-60.449	1.75
66	MP4A	Mx	-.017	1.75
67	MP4B	X	-36.916	1.75
68	MP4B	Z	-63.941	1.75
69	MP4B	Mx	-.013	1.75
70	MP4C	X	-25.307	1.75
71	MP4C	Z	-43.833	1.75
72	MP4C	Mx	.024	1.75
73	MP1C	X	-88.703	1
74	MP1C	Z	-153.638	1
75	MP1C	Mx	-.089	1
76	MP1C	X	-88.703	5
77	MP1C	Z	-153.638	5
78	MP1C	Mx	-.089	5
79	MP5C	X	-88.703	1
80	MP5C	Z	-153.638	1
81	MP5C	Mx	-.089	1
82	MP5C	X	-88.703	5
83	MP5C	Z	-153.638	5
84	MP5C	Mx	-.089	5
85	MP1A	X	-55.909	1
86	MP1A	Z	-96.837	1
87	MP1A	Mx	.028	1
88	MP1A	X	-55.909	5
89	MP1A	Z	-96.837	5
90	MP1A	Mx	.028	5
91	MP1B	X	-55.909	1
92	MP1B	Z	-96.837	1
93	MP1B	Mx	.028	1
94	MP1B	X	-55.909	5
95	MP1B	Z	-96.837	5
96	MP1B	Mx	.028	5
97	MP5A	X	-55.909	1
98	MP5A	Z	-96.837	1
99	MP5A	Mx	.028	1
100	MP5A	X	-55.909	5
101	MP5A	Z	-96.837	5
102	MP5A	Mx	.028	5
103	MP5B	X	-55.909	1
104	MP5B	Z	-96.837	1
105	MP5B	Mx	.028	1
106	MP5B	X	-55.909	5
107	MP5B	Z	-96.837	5
108	MP5B	Mx	.028	5
109	OVP1	X	-65.585	1.5
110	OVP1	Z	-113.597	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-65.585	1.5
113	OVP2	Z	-113.597	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-38.609	1
3	MP3A	Mx	.029	1
4	MP3A	X	0	5
5	MP3A	Z	-38.609	5
6	MP3A	Mx	.029	5
7	MP3B	X	0	1
8	MP3B	Z	-33.088	1
9	MP3B	Mx	-.003	1
10	MP3B	X	0	5
11	MP3B	Z	-33.088	5
12	MP3B	Mx	-.003	5
13	MP3C	X	0	1
14	MP3C	Z	-29.484	1
15	MP3C	Mx	-.018	1
16	MP3C	X	0	5
17	MP3C	Z	-29.484	5
18	MP3C	Mx	-.018	5
19	MP3A	X	0	1
20	MP3A	Z	-38.609	1
21	MP3A	Mx	-.029	1
22	MP3A	X	0	5
23	MP3A	Z	-38.609	5
24	MP3A	Mx	-.029	5
25	MP3B	X	0	1
26	MP3B	Z	-33.088	1
27	MP3B	Mx	.029	1
28	MP3B	X	0	5
29	MP3B	Z	-33.088	5
30	MP3B	Mx	.029	5
31	MP3C	X	0	1
32	MP3C	Z	-29.484	1
33	MP3C	Mx	-.011	1
34	MP3C	X	0	5
35	MP3C	Z	-29.484	5
36	MP3C	Mx	-.011	5
37	MP2A	X	0	2
38	MP2A	Z	-19.038	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-19.038	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-12.619	2
45	MP2B	Mx	.005	2
46	MP2B	X	0	4
47	MP2B	Z	-12.619	4
48	MP2B	Mx	.005	4
49	MP2C	X	0	2
50	MP2C	Z	-8.429	2
51	MP2C	Mx	-.004	2
52	MP2C	X	0	4
53	MP2C	Z	-8.429	4
54	MP2C	Mx	-.004	4
55	MP3A	X	0	1.75
56	MP3A	Z	-16.032	1.75
57	MP3A	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	1.75
59	MP3B	Z	-13.164	1.75
60	MP3B	Mx	-.005	1.75
61	MP3C	X	0	1.75
62	MP3C	Z	-11.293	1.75
63	MP3C	Mx	.006	1.75
64	MP4A	X	0	1.75
65	MP4A	Z	-16.032	1.75
66	MP4A	Mx	0	1.75
67	MP4B	X	0	1.75
68	MP4B	Z	-12.648	1.75
69	MP4B	Mx	-.005	1.75
70	MP4C	X	0	1.75
71	MP4C	Z	-10.44	1.75
72	MP4C	Mx	.005	1.75
73	MP1C	X	0	1
74	MP1C	Z	-34.742	1
75	MP1C	Mx	-.015	1
76	MP1C	X	0	5
77	MP1C	Z	-34.742	5
78	MP1C	Mx	-.015	5
79	MP5C	X	0	1
80	MP5C	Z	-34.742	1
81	MP5C	Mx	-.015	1
82	MP5C	X	0	5
83	MP5C	Z	-34.742	5
84	MP5C	Mx	-.015	5
85	MP1A	X	0	1
86	MP1A	Z	-18.209	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	-18.209	5
90	MP1A	Mx	0	5
91	MP1B	X	0	1
92	MP1B	Z	-30.05	1
93	MP1B	Mx	.013	1
94	MP1B	X	0	5
95	MP1B	Z	-30.05	5
96	MP1B	Mx	.013	5
97	MP5A	X	0	1
98	MP5A	Z	-18.209	1
99	MP5A	Mx	0	1
100	MP5A	X	0	5
101	MP5A	Z	-18.209	5
102	MP5A	Mx	0	5
103	MP5B	X	0	1
104	MP5B	Z	-30.05	1
105	MP5B	Mx	.013	1
106	MP5B	X	0	5
107	MP5B	Z	-30.05	5
108	MP5B	Mx	.013	5
109	OVP1	X	0	1.5
110	OVP1	Z	-31.173	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	0	1.5
113	OVP2	Z	-31.173	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	18.129	1
2	MP3A	Z	-31.4	1
3	MP3A	Mx	.014	1
4	MP3A	X	18.129	5
5	MP3A	Z	-31.4	5
6	MP3A	Mx	.014	5
7	MP3B	X	14.742	1
8	MP3B	Z	-25.534	1
9	MP3B	Mx	.011	1
10	MP3B	X	14.742	5
11	MP3B	Z	-25.534	5
12	MP3B	Mx	.011	5
13	MP3C	X	16.544	1
14	MP3C	Z	-28.655	1
15	MP3C	Mx	-.029	1
16	MP3C	X	16.544	5
17	MP3C	Z	-28.655	5
18	MP3C	Mx	-.029	5
19	MP3A	X	18.129	1
20	MP3A	Z	-31.4	1
21	MP3A	Mx	-.033	1
22	MP3A	X	18.129	5
23	MP3A	Z	-31.4	5
24	MP3A	Mx	-.033	5
25	MP3B	X	14.742	1
26	MP3B	Z	-25.534	1
27	MP3B	Mx	.018	1
28	MP3B	X	14.742	5
29	MP3B	Z	-25.534	5
30	MP3B	Mx	.018	5
31	MP3C	X	16.544	1
32	MP3C	Z	-28.655	1
33	MP3C	Mx	.003	1
34	MP3C	X	16.544	5
35	MP3C	Z	-28.655	5
36	MP3C	Mx	.003	5
37	MP2A	X	8.152	2
38	MP2A	Z	-14.119	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.152	4
41	MP2A	Z	-14.119	4
42	MP2A	Mx	-.004	4
43	MP2B	X	4.214	2
44	MP2B	Z	-7.3	2
45	MP2B	Mx	.004	2
46	MP2B	X	4.214	4
47	MP2B	Z	-7.3	4
48	MP2B	Mx	.004	4
49	MP2C	X	6.309	2
50	MP2C	Z	-10.928	2
51	MP2C	Mx	-.005	2
52	MP2C	X	6.309	4
53	MP2C	Z	-10.928	4
54	MP2C	Mx	-.005	4
55	MP3A	X	7.405	1.75
56	MP3A	Z	-12.826	1.75
57	MP3A	Mx	.004	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	5.646	1.75
59	MP3B	Z	-9.78	1.75
60	MP3B	Mx	-.006	1.75
61	MP3C	X	6.582	1.75
62	MP3C	Z	-11.401	1.75
63	MP3C	Mx	.005	1.75
64	MP4A	X	7.295	1.75
65	MP4A	Z	-12.636	1.75
66	MP4A	Mx	.004	1.75
67	MP4B	X	5.22	1.75
68	MP4B	Z	-9.041	1.75
69	MP4B	Mx	-.005	1.75
70	MP4C	X	6.324	1.75
71	MP4C	Z	-10.954	1.75
72	MP4C	Mx	.005	1.75
73	MP1C	X	18.315	1
74	MP1C	Z	-31.722	1
75	MP1C	Mx	-.009	1
76	MP1C	X	18.315	5
77	MP1C	Z	-31.722	5
78	MP1C	Mx	-.009	5
79	MP5C	X	18.315	1
80	MP5C	Z	-31.722	1
81	MP5C	Mx	-.009	1
82	MP5C	X	18.315	5
83	MP5C	Z	-31.722	5
84	MP5C	Mx	-.009	5
85	MP1A	X	11.078	1
86	MP1A	Z	-19.188	1
87	MP1A	Mx	-.006	1
88	MP1A	X	11.078	5
89	MP1A	Z	-19.188	5
90	MP1A	Mx	-.006	5
91	MP1B	X	16.999	1
92	MP1B	Z	-29.443	1
93	MP1B	Mx	.017	1
94	MP1B	X	16.999	5
95	MP1B	Z	-29.443	5
96	MP1B	Mx	.017	5
97	MP5A	X	11.078	1
98	MP5A	Z	-19.188	1
99	MP5A	Mx	-.006	1
100	MP5A	X	11.078	5
101	MP5A	Z	-19.188	5
102	MP5A	Mx	-.006	5
103	MP5B	X	16.999	1
104	MP5B	Z	-29.443	1
105	MP5B	Mx	.017	1
106	MP5B	X	16.999	5
107	MP5B	Z	-29.443	5
108	MP5B	Mx	.017	5
109	OVP1	X	13.787	1.5
110	OVP1	Z	-23.88	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	13.787	1.5
113	OVP2	Z	-23.88	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	27.325	1
2	MP3A	Z	-15.776	1
3	MP3A	Mx	-.002	1
4	MP3A	X	27.325	5
5	MP3A	Z	-15.776	5
6	MP3A	Mx	-.002	5
7	MP3B	X	26.241	1
8	MP3B	Z	-15.15	1
9	MP3B	Mx	.022	1
10	MP3B	X	26.241	5
11	MP3B	Z	-15.15	5
12	MP3B	Mx	.022	5
13	MP3C	X	32.483	1
14	MP3C	Z	-18.754	1
15	MP3C	Mx	-.033	1
16	MP3C	X	32.483	5
17	MP3C	Z	-18.754	5
18	MP3C	Mx	-.033	5
19	MP3A	X	27.325	1
20	MP3A	Z	-15.776	1
21	MP3A	Mx	-.025	1
22	MP3A	X	27.325	5
23	MP3A	Z	-15.776	5
24	MP3A	Mx	-.025	5
25	MP3B	X	26.241	1
26	MP3B	Z	-15.15	1
27	MP3B	Mx	.006	1
28	MP3B	X	26.241	5
29	MP3B	Z	-15.15	5
30	MP3B	Mx	.006	5
31	MP3C	X	32.483	1
32	MP3C	Z	-18.754	1
33	MP3C	Mx	.02	1
34	MP3C	X	32.483	5
35	MP3C	Z	-18.754	5
36	MP3C	Mx	.02	5
37	MP2A	X	9.382	2
38	MP2A	Z	-5.417	2
39	MP2A	Mx	-.005	2
40	MP2A	X	9.382	4
41	MP2A	Z	-5.417	4
42	MP2A	Mx	-.005	4
43	MP2B	X	8.122	2
44	MP2B	Z	-4.689	2
45	MP2B	Mx	.004	2
46	MP2B	X	8.122	4
47	MP2B	Z	-4.689	4
48	MP2B	Mx	.004	4
49	MP2C	X	15.379	2
50	MP2C	Z	-8.879	2
51	MP2C	Mx	-.003	2
52	MP2C	X	15.379	4
53	MP2C	Z	-8.879	4
54	MP2C	Mx	-.003	4
55	MP3A	X	10.71	1.75
56	MP3A	Z	-6.183	1.75
57	MP3A	Mx	.005	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	10.147	1.75
59	MP3B	Z	-5.858	1.75
60	MP3B	Mx	-.006	1.75
61	MP3C	X	13.389	1.75
62	MP3C	Z	-7.73	1.75
63	MP3C	Mx	.003	1.75
64	MP4A	X	10.139	1.75
65	MP4A	Z	-5.854	1.75
66	MP4A	Mx	.005	1.75
67	MP4B	X	9.474	1.75
68	MP4B	Z	-5.47	1.75
69	MP4B	Mx	-.005	1.75
70	MP4C	X	13.3	1.75
71	MP4C	Z	-7.679	1.75
72	MP4C	Mx	.003	1.75
73	MP1C	X	32.54	1
74	MP1C	Z	-18.787	1
75	MP1C	Mx	0	1
76	MP1C	X	32.54	5
77	MP1C	Z	-18.787	5
78	MP1C	Mx	0	5
79	MP5C	X	32.54	1
80	MP5C	Z	-18.787	1
81	MP5C	Mx	0	1
82	MP5C	X	32.54	5
83	MP5C	Z	-18.787	5
84	MP5C	Mx	0	5
85	MP1A	X	26.024	1
86	MP1A	Z	-15.025	1
87	MP1A	Mx	-.013	1
88	MP1A	X	26.024	5
89	MP1A	Z	-15.025	5
90	MP1A	Mx	-.013	5
91	MP1B	X	26.024	1
92	MP1B	Z	-15.025	1
93	MP1B	Mx	.013	1
94	MP1B	X	26.024	5
95	MP1B	Z	-15.025	5
96	MP1B	Mx	.013	5
97	MP5A	X	26.024	1
98	MP5A	Z	-15.025	1
99	MP5A	Mx	-.013	1
100	MP5A	X	26.024	5
101	MP5A	Z	-15.025	5
102	MP5A	Mx	-.013	5
103	MP5B	X	26.024	1
104	MP5B	Z	-15.025	1
105	MP5B	Mx	.013	1
106	MP5B	X	26.024	5
107	MP5B	Z	-15.025	5
108	MP5B	Mx	.013	5
109	OVP1	X	22.322	1.5
110	OVP1	Z	-12.888	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	22.322	1.5
113	OVP2	Z	-12.888	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	29.2	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.015	1
4	MP3A	X	29.2	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.015	5
7	MP3B	X	34.722	1
8	MP3B	Z	0	1
9	MP3B	Mx	.031	1
10	MP3B	X	34.722	5
11	MP3B	Z	0	5
12	MP3B	Mx	.031	5
13	MP3C	X	38.326	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.025	1
16	MP3C	X	38.326	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.025	5
19	MP3A	X	29.2	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.015	1
22	MP3A	X	29.2	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.015	5
25	MP3B	X	34.722	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.009	1
28	MP3B	X	34.722	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.009	5
31	MP3C	X	38.326	1
32	MP3C	Z	0	1
33	MP3C	Mx	.032	1
34	MP3C	X	38.326	5
35	MP3C	Z	0	5
36	MP3C	Mx	.032	5
37	MP2A	X	8.099	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.099	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.004	4
43	MP2B	X	14.518	2
44	MP2B	Z	0	2
45	MP2B	Mx	.005	2
46	MP2B	X	14.518	4
47	MP2B	Z	0	4
48	MP2B	Mx	.005	4
49	MP2C	X	18.708	2
50	MP2C	Z	0	2
51	MP2C	Mx	.002	2
52	MP2C	X	18.708	4
53	MP2C	Z	0	4
54	MP2C	Mx	.002	4
55	MP3A	X	11.145	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	.006	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	14.013	1.75
59	MP3B	Z	0	1.75
60	MP3B	Mx	-.005	1.75
61	MP3C	X	15.885	1.75
62	MP3C	Z	0	1.75
63	MP3C	Mx	-.001	1.75
64	MP4A	X	10.266	1.75
65	MP4A	Z	0	1.75
66	MP4A	Mx	.005	1.75
67	MP4B	X	13.65	1.75
68	MP4B	Z	0	1.75
69	MP4B	Mx	-.004	1.75
70	MP4C	X	15.858	1.75
71	MP4C	Z	0	1.75
72	MP4C	Mx	-.001	1.75
73	MP1C	X	36.63	1
74	MP1C	Z	0	1
75	MP1C	Mx	.009	1
76	MP1C	X	36.63	5
77	MP1C	Z	0	5
78	MP1C	Mx	.009	5
79	MP5C	X	36.63	1
80	MP5C	Z	0	1
81	MP5C	Mx	.009	1
82	MP5C	X	36.63	5
83	MP5C	Z	0	5
84	MP5C	Mx	.009	5
85	MP1A	X	33.997	1
86	MP1A	Z	0	1
87	MP1A	Mx	-.017	1
88	MP1A	X	33.997	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.017	5
91	MP1B	X	22.156	1
92	MP1B	Z	0	1
93	MP1B	Mx	.006	1
94	MP1B	X	22.156	5
95	MP1B	Z	0	5
96	MP1B	Mx	.006	5
97	MP5A	X	33.997	1
98	MP5A	Z	0	1
99	MP5A	Mx	-.017	1
100	MP5A	X	33.997	5
101	MP5A	Z	0	5
102	MP5A	Mx	-.017	5
103	MP5B	X	22.156	1
104	MP5B	Z	0	1
105	MP5B	Mx	.006	1
106	MP5B	X	22.156	5
107	MP5B	Z	0	5
108	MP5B	Mx	.006	5
109	OVP1	X	27.574	1.5
110	OVP1	Z	0	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	27.574	1.5
113	OVP2	Z	0	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	27.325	1
2	MP3A	Z	15.776	1
3	MP3A	Mx	-.025	1
4	MP3A	X	27.325	5
5	MP3A	Z	15.776	5
6	MP3A	Mx	-.025	5
7	MP3B	X	33.191	1
8	MP3B	Z	19.163	1
9	MP3B	Mx	.032	1
10	MP3B	X	33.191	5
11	MP3B	Z	19.163	5
12	MP3B	Mx	.032	5
13	MP3C	X	30.07	1
14	MP3C	Z	17.361	1
15	MP3C	Mx	-.009	1
16	MP3C	X	30.07	5
17	MP3C	Z	17.361	5
18	MP3C	Mx	-.009	5
19	MP3A	X	27.325	1
20	MP3A	Z	15.776	1
21	MP3A	Mx	-.002	1
22	MP3A	X	27.325	5
23	MP3A	Z	15.776	5
24	MP3A	Mx	-.002	5
25	MP3B	X	33.191	1
26	MP3B	Z	19.163	1
27	MP3B	Mx	-.025	1
28	MP3B	X	33.191	5
29	MP3B	Z	19.163	5
30	MP3B	Mx	-.025	5
31	MP3C	X	30.07	1
32	MP3C	Z	17.361	1
33	MP3C	Mx	.031	1
34	MP3C	X	30.07	5
35	MP3C	Z	17.361	5
36	MP3C	Mx	.031	5
37	MP2A	X	9.382	2
38	MP2A	Z	5.417	2
39	MP2A	Mx	-.005	2
40	MP2A	X	9.382	4
41	MP2A	Z	5.417	4
42	MP2A	Mx	-.005	4
43	MP2B	X	16.202	2
44	MP2B	Z	9.354	2
45	MP2B	Mx	.002	2
46	MP2B	X	16.202	4
47	MP2B	Z	9.354	4
48	MP2B	Mx	.002	4
49	MP2C	X	12.573	2
50	MP2C	Z	7.259	2
51	MP2C	Mx	.005	2
52	MP2C	X	12.573	4
53	MP2C	Z	7.259	4
54	MP2C	Mx	.005	4
55	MP3A	X	10.71	1.75
56	MP3A	Z	6.183	1.75
57	MP3A	Mx	.005	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	13.757	1.75
59	MP3B	Z	7.942	1.75
60	MP3B	Mx	-.001	1.75
61	MP3C	X	12.136	1.75
62	MP3C	Z	7.007	1.75
63	MP3C	Mx	-.005	1.75
64	MP4A	X	10.139	1.75
65	MP4A	Z	5.854	1.75
66	MP4A	Mx	.005	1.75
67	MP4B	X	13.734	1.75
68	MP4B	Z	7.929	1.75
69	MP4B	Mx	-.001	1.75
70	MP4C	X	11.821	1.75
71	MP4C	Z	6.825	1.75
72	MP4C	Mx	-.004	1.75
73	MP1C	X	30.088	1
74	MP1C	Z	17.371	1
75	MP1C	Mx	.015	1
76	MP1C	X	30.088	5
77	MP1C	Z	17.371	5
78	MP1C	Mx	.015	5
79	MP5C	X	30.088	1
80	MP5C	Z	17.371	1
81	MP5C	Mx	.015	1
82	MP5C	X	30.088	5
83	MP5C	Z	17.371	5
84	MP5C	Mx	.015	5
85	MP1A	X	26.024	1
86	MP1A	Z	15.025	1
87	MP1A	Mx	-.013	1
88	MP1A	X	26.024	5
89	MP1A	Z	15.025	5
90	MP1A	Mx	-.013	5
91	MP1B	X	15.769	1
92	MP1B	Z	9.104	1
93	MP1B	Mx	0	1
94	MP1B	X	15.769	5
95	MP1B	Z	9.104	5
96	MP1B	Mx	0	5
97	MP5A	X	26.024	1
98	MP5A	Z	15.025	1
99	MP5A	Mx	-.013	1
100	MP5A	X	26.024	5
101	MP5A	Z	15.025	5
102	MP5A	Mx	-.013	5
103	MP5B	X	15.769	1
104	MP5B	Z	9.104	1
105	MP5B	Mx	0	1
106	MP5B	X	15.769	5
107	MP5B	Z	9.104	5
108	MP5B	Mx	0	5
109	OVP1	X	26.997	1.5
110	OVP1	Z	15.586	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	26.997	1.5
113	OVP2	Z	15.586	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	18.129	1
2	MP3A	Z	31.4	1
3	MP3A	Mx	-.033	1
4	MP3A	X	18.129	5
5	MP3A	Z	31.4	5
6	MP3A	Mx	-.033	5
7	MP3B	X	18.754	1
8	MP3B	Z	32.483	1
9	MP3B	Mx	.02	1
10	MP3B	X	18.754	5
11	MP3B	Z	32.483	5
12	MP3B	Mx	.02	5
13	MP3C	X	15.15	1
14	MP3C	Z	26.241	1
15	MP3C	Mx	.006	1
16	MP3C	X	15.15	5
17	MP3C	Z	26.241	5
18	MP3C	Mx	.006	5
19	MP3A	X	18.129	1
20	MP3A	Z	31.4	1
21	MP3A	Mx	.014	1
22	MP3A	X	18.129	5
23	MP3A	Z	31.4	5
24	MP3A	Mx	.014	5
25	MP3B	X	18.754	1
26	MP3B	Z	32.483	1
27	MP3B	Mx	-.033	1
28	MP3B	X	18.754	5
29	MP3B	Z	32.483	5
30	MP3B	Mx	-.033	5
31	MP3C	X	15.15	1
32	MP3C	Z	26.241	1
33	MP3C	Mx	.022	1
34	MP3C	X	15.15	5
35	MP3C	Z	26.241	5
36	MP3C	Mx	.022	5
37	MP2A	X	8.152	2
38	MP2A	Z	14.119	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.152	4
41	MP2A	Z	14.119	4
42	MP2A	Mx	-.004	4
43	MP2B	X	8.879	2
44	MP2B	Z	15.379	2
45	MP2B	Mx	-.003	2
46	MP2B	X	8.879	4
47	MP2B	Z	15.379	4
48	MP2B	Mx	-.003	4
49	MP2C	X	4.689	2
50	MP2C	Z	8.122	2
51	MP2C	Mx	.004	2
52	MP2C	X	4.689	4
53	MP2C	Z	8.122	4
54	MP2C	Mx	.004	4
55	MP3A	X	7.405	1.75
56	MP3A	Z	12.826	1.75
57	MP3A	Mx	.004	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	7.73	1.75
59	MP3B	Z	13.389	1.75
60	MP3B	Mx	.003	1.75
61	MP3C	X	5.858	1.75
62	MP3C	Z	10.147	1.75
63	MP3C	Mx	-.006	1.75
64	MP4A	X	7.295	1.75
65	MP4A	Z	12.636	1.75
66	MP4A	Mx	.004	1.75
67	MP4B	X	7.679	1.75
68	MP4B	Z	13.3	1.75
69	MP4B	Mx	.003	1.75
70	MP4C	X	5.47	1.75
71	MP4C	Z	9.474	1.75
72	MP4C	Mx	-.005	1.75
73	MP1C	X	16.899	1
74	MP1C	Z	29.27	1
75	MP1C	Mx	.017	1
76	MP1C	X	16.899	5
77	MP1C	Z	29.27	5
78	MP1C	Mx	.017	5
79	MP5C	X	16.899	1
80	MP5C	Z	29.27	1
81	MP5C	Mx	.017	1
82	MP5C	X	16.899	5
83	MP5C	Z	29.27	5
84	MP5C	Mx	.017	5
85	MP1A	X	11.078	1
86	MP1A	Z	19.188	1
87	MP1A	Mx	-.006	1
88	MP1A	X	11.078	5
89	MP1A	Z	19.188	5
90	MP1A	Mx	-.006	5
91	MP1B	X	11.078	1
92	MP1B	Z	19.188	1
93	MP1B	Mx	-.006	1
94	MP1B	X	11.078	5
95	MP1B	Z	19.188	5
96	MP1B	Mx	-.006	5
97	MP5A	X	11.078	1
98	MP5A	Z	19.188	1
99	MP5A	Mx	-.006	1
100	MP5A	X	11.078	5
101	MP5A	Z	19.188	5
102	MP5A	Mx	-.006	5
103	MP5B	X	11.078	1
104	MP5B	Z	19.188	1
105	MP5B	Mx	-.006	1
106	MP5B	X	11.078	5
107	MP5B	Z	19.188	5
108	MP5B	Mx	-.006	5
109	OVP1	X	16.486	1.5
110	OVP1	Z	28.555	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	16.486	1.5
113	OVP2	Z	28.555	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	38.609	1
3	MP3A	Mx	-.029	1
4	MP3A	X	0	5
5	MP3A	Z	38.609	5
6	MP3A	Mx	-.029	5
7	MP3B	X	0	1
8	MP3B	Z	33.088	1
9	MP3B	Mx	.003	1
10	MP3B	X	0	5
11	MP3B	Z	33.088	5
12	MP3B	Mx	.003	5
13	MP3C	X	0	1
14	MP3C	Z	29.484	1
15	MP3C	Mx	.018	1
16	MP3C	X	0	5
17	MP3C	Z	29.484	5
18	MP3C	Mx	.018	5
19	MP3A	X	0	1
20	MP3A	Z	38.609	1
21	MP3A	Mx	.029	1
22	MP3A	X	0	5
23	MP3A	Z	38.609	5
24	MP3A	Mx	.029	5
25	MP3B	X	0	1
26	MP3B	Z	33.088	1
27	MP3B	Mx	-.029	1
28	MP3B	X	0	5
29	MP3B	Z	33.088	5
30	MP3B	Mx	-.029	5
31	MP3C	X	0	1
32	MP3C	Z	29.484	1
33	MP3C	Mx	.011	1
34	MP3C	X	0	5
35	MP3C	Z	29.484	5
36	MP3C	Mx	.011	5
37	MP2A	X	0	2
38	MP2A	Z	19.038	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	19.038	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	12.619	2
45	MP2B	Mx	-.005	2
46	MP2B	X	0	4
47	MP2B	Z	12.619	4
48	MP2B	Mx	-.005	4
49	MP2C	X	0	2
50	MP2C	Z	8.429	2
51	MP2C	Mx	.004	2
52	MP2C	X	0	4
53	MP2C	Z	8.429	4
54	MP2C	Mx	.004	4
55	MP3A	X	0	1.75
56	MP3A	Z	16.032	1.75
57	MP3A	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	1.75
59	MP3B	Z	13.164	1.75
60	MP3B	Mx	.005	1.75
61	MP3C	X	0	1.75
62	MP3C	Z	11.293	1.75
63	MP3C	Mx	-.006	1.75
64	MP4A	X	0	1.75
65	MP4A	Z	16.032	1.75
66	MP4A	Mx	0	1.75
67	MP4B	X	0	1.75
68	MP4B	Z	12.648	1.75
69	MP4B	Mx	.005	1.75
70	MP4C	X	0	1.75
71	MP4C	Z	10.44	1.75
72	MP4C	Mx	-.005	1.75
73	MP1C	X	0	1
74	MP1C	Z	34.742	1
75	MP1C	Mx	.015	1
76	MP1C	X	0	5
77	MP1C	Z	34.742	5
78	MP1C	Mx	.015	5
79	MP5C	X	0	1
80	MP5C	Z	34.742	1
81	MP5C	Mx	.015	1
82	MP5C	X	0	5
83	MP5C	Z	34.742	5
84	MP5C	Mx	.015	5
85	MP1A	X	0	1
86	MP1A	Z	18.209	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	18.209	5
90	MP1A	Mx	0	5
91	MP1B	X	0	1
92	MP1B	Z	30.05	1
93	MP1B	Mx	-.013	1
94	MP1B	X	0	5
95	MP1B	Z	30.05	5
96	MP1B	Mx	-.013	5
97	MP5A	X	0	1
98	MP5A	Z	18.209	1
99	MP5A	Mx	0	1
100	MP5A	X	0	5
101	MP5A	Z	18.209	5
102	MP5A	Mx	0	5
103	MP5B	X	0	1
104	MP5B	Z	30.05	1
105	MP5B	Mx	-.013	1
106	MP5B	X	0	5
107	MP5B	Z	30.05	5
108	MP5B	Mx	-.013	5
109	OVP1	X	0	1.5
110	OVP1	Z	31.173	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	0	1.5
113	OVP2	Z	31.173	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-18.129	1
2	MP3A	Z	31.4	1
3	MP3A	Mx	-.014	1
4	MP3A	X	-18.129	5
5	MP3A	Z	31.4	5
6	MP3A	Mx	-.014	5
7	MP3B	X	-14.742	1
8	MP3B	Z	25.534	1
9	MP3B	Mx	-.011	1
10	MP3B	X	-14.742	5
11	MP3B	Z	25.534	5
12	MP3B	Mx	-.011	5
13	MP3C	X	-16.544	1
14	MP3C	Z	28.655	1
15	MP3C	Mx	.029	1
16	MP3C	X	-16.544	5
17	MP3C	Z	28.655	5
18	MP3C	Mx	.029	5
19	MP3A	X	-18.129	1
20	MP3A	Z	31.4	1
21	MP3A	Mx	.033	1
22	MP3A	X	-18.129	5
23	MP3A	Z	31.4	5
24	MP3A	Mx	.033	5
25	MP3B	X	-14.742	1
26	MP3B	Z	25.534	1
27	MP3B	Mx	-.018	1
28	MP3B	X	-14.742	5
29	MP3B	Z	25.534	5
30	MP3B	Mx	-.018	5
31	MP3C	X	-16.544	1
32	MP3C	Z	28.655	1
33	MP3C	Mx	-.003	1
34	MP3C	X	-16.544	5
35	MP3C	Z	28.655	5
36	MP3C	Mx	-.003	5
37	MP2A	X	-8.152	2
38	MP2A	Z	14.119	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.152	4
41	MP2A	Z	14.119	4
42	MP2A	Mx	.004	4
43	MP2B	X	-4.214	2
44	MP2B	Z	7.3	2
45	MP2B	Mx	-.004	2
46	MP2B	X	-4.214	4
47	MP2B	Z	7.3	4
48	MP2B	Mx	-.004	4
49	MP2C	X	-6.309	2
50	MP2C	Z	10.928	2
51	MP2C	Mx	.005	2
52	MP2C	X	-6.309	4
53	MP2C	Z	10.928	4
54	MP2C	Mx	.005	4
55	MP3A	X	-7.405	1.75
56	MP3A	Z	12.826	1.75
57	MP3A	Mx	-.004	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-5.646	1.75
59	MP3B	Z	9.78	1.75
60	MP3B	Mx	.006	1.75
61	MP3C	X	-6.582	1.75
62	MP3C	Z	11.401	1.75
63	MP3C	Mx	-.005	1.75
64	MP4A	X	-7.295	1.75
65	MP4A	Z	12.636	1.75
66	MP4A	Mx	-.004	1.75
67	MP4B	X	-5.22	1.75
68	MP4B	Z	9.041	1.75
69	MP4B	Mx	.005	1.75
70	MP4C	X	-6.324	1.75
71	MP4C	Z	10.954	1.75
72	MP4C	Mx	-.005	1.75
73	MP1C	X	-18.315	1
74	MP1C	Z	31.722	1
75	MP1C	Mx	.009	1
76	MP1C	X	-18.315	5
77	MP1C	Z	31.722	5
78	MP1C	Mx	.009	5
79	MP5C	X	-18.315	1
80	MP5C	Z	31.722	1
81	MP5C	Mx	.009	1
82	MP5C	X	-18.315	5
83	MP5C	Z	31.722	5
84	MP5C	Mx	.009	5
85	MP1A	X	-11.078	1
86	MP1A	Z	19.188	1
87	MP1A	Mx	.006	1
88	MP1A	X	-11.078	5
89	MP1A	Z	19.188	5
90	MP1A	Mx	.006	5
91	MP1B	X	-16.999	1
92	MP1B	Z	29.443	1
93	MP1B	Mx	-.017	1
94	MP1B	X	-16.999	5
95	MP1B	Z	29.443	5
96	MP1B	Mx	-.017	5
97	MP5A	X	-11.078	1
98	MP5A	Z	19.188	1
99	MP5A	Mx	.006	1
100	MP5A	X	-11.078	5
101	MP5A	Z	19.188	5
102	MP5A	Mx	.006	5
103	MP5B	X	-16.999	1
104	MP5B	Z	29.443	1
105	MP5B	Mx	-.017	1
106	MP5B	X	-16.999	5
107	MP5B	Z	29.443	5
108	MP5B	Mx	-.017	5
109	OVP1	X	-13.787	1.5
110	OVP1	Z	23.88	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-13.787	1.5
113	OVP2	Z	23.88	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-27.325	1
2	MP3A	Z	15.776	1
3	MP3A	Mx	.002	1
4	MP3A	X	-27.325	5
5	MP3A	Z	15.776	5
6	MP3A	Mx	.002	5
7	MP3B	X	-26.241	1
8	MP3B	Z	15.15	1
9	MP3B	Mx	-.022	1
10	MP3B	X	-26.241	5
11	MP3B	Z	15.15	5
12	MP3B	Mx	-.022	5
13	MP3C	X	-32.483	1
14	MP3C	Z	18.754	1
15	MP3C	Mx	.033	1
16	MP3C	X	-32.483	5
17	MP3C	Z	18.754	5
18	MP3C	Mx	.033	5
19	MP3A	X	-27.325	1
20	MP3A	Z	15.776	1
21	MP3A	Mx	.025	1
22	MP3A	X	-27.325	5
23	MP3A	Z	15.776	5
24	MP3A	Mx	.025	5
25	MP3B	X	-26.241	1
26	MP3B	Z	15.15	1
27	MP3B	Mx	-.006	1
28	MP3B	X	-26.241	5
29	MP3B	Z	15.15	5
30	MP3B	Mx	-.006	5
31	MP3C	X	-32.483	1
32	MP3C	Z	18.754	1
33	MP3C	Mx	-.02	1
34	MP3C	X	-32.483	5
35	MP3C	Z	18.754	5
36	MP3C	Mx	-.02	5
37	MP2A	X	-9.382	2
38	MP2A	Z	5.417	2
39	MP2A	Mx	.005	2
40	MP2A	X	-9.382	4
41	MP2A	Z	5.417	4
42	MP2A	Mx	.005	4
43	MP2B	X	-8.122	2
44	MP2B	Z	4.689	2
45	MP2B	Mx	-.004	2
46	MP2B	X	-8.122	4
47	MP2B	Z	4.689	4
48	MP2B	Mx	-.004	4
49	MP2C	X	-15.379	2
50	MP2C	Z	8.879	2
51	MP2C	Mx	.003	2
52	MP2C	X	-15.379	4
53	MP2C	Z	8.879	4
54	MP2C	Mx	.003	4
55	MP3A	X	-10.71	1.75
56	MP3A	Z	6.183	1.75
57	MP3A	Mx	-.005	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-10.147	1.75
59	MP3B	Z	5.858	1.75
60	MP3B	Mx	.006	1.75
61	MP3C	X	-13.389	1.75
62	MP3C	Z	7.73	1.75
63	MP3C	Mx	-.003	1.75
64	MP4A	X	-10.139	1.75
65	MP4A	Z	5.854	1.75
66	MP4A	Mx	-.005	1.75
67	MP4B	X	-9.474	1.75
68	MP4B	Z	5.47	1.75
69	MP4B	Mx	.005	1.75
70	MP4C	X	-13.3	1.75
71	MP4C	Z	7.679	1.75
72	MP4C	Mx	-.003	1.75
73	MP1C	X	-32.54	1
74	MP1C	Z	18.787	1
75	MP1C	Mx	0	1
76	MP1C	X	-32.54	5
77	MP1C	Z	18.787	5
78	MP1C	Mx	0	5
79	MP5C	X	-32.54	1
80	MP5C	Z	18.787	1
81	MP5C	Mx	0	1
82	MP5C	X	-32.54	5
83	MP5C	Z	18.787	5
84	MP5C	Mx	0	5
85	MP1A	X	-26.024	1
86	MP1A	Z	15.025	1
87	MP1A	Mx	.013	1
88	MP1A	X	-26.024	5
89	MP1A	Z	15.025	5
90	MP1A	Mx	.013	5
91	MP1B	X	-26.024	1
92	MP1B	Z	15.025	1
93	MP1B	Mx	-.013	1
94	MP1B	X	-26.024	5
95	MP1B	Z	15.025	5
96	MP1B	Mx	-.013	5
97	MP5A	X	-26.024	1
98	MP5A	Z	15.025	1
99	MP5A	Mx	.013	1
100	MP5A	X	-26.024	5
101	MP5A	Z	15.025	5
102	MP5A	Mx	.013	5
103	MP5B	X	-26.024	1
104	MP5B	Z	15.025	1
105	MP5B	Mx	-.013	1
106	MP5B	X	-26.024	5
107	MP5B	Z	15.025	5
108	MP5B	Mx	-.013	5
109	OVP1	X	-22.322	1.5
110	OVP1	Z	12.888	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-22.322	1.5
113	OVP2	Z	12.888	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-29.2	1
2	MP3A	Z	0	1
3	MP3A	Mx	.015	1
4	MP3A	X	-29.2	5
5	MP3A	Z	0	5
6	MP3A	Mx	.015	5
7	MP3B	X	-34.722	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.031	1
10	MP3B	X	-34.722	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.031	5
13	MP3C	X	-38.326	1
14	MP3C	Z	0	1
15	MP3C	Mx	.025	1
16	MP3C	X	-38.326	5
17	MP3C	Z	0	5
18	MP3C	Mx	.025	5
19	MP3A	X	-29.2	1
20	MP3A	Z	0	1
21	MP3A	Mx	.015	1
22	MP3A	X	-29.2	5
23	MP3A	Z	0	5
24	MP3A	Mx	.015	5
25	MP3B	X	-34.722	1
26	MP3B	Z	0	1
27	MP3B	Mx	.009	1
28	MP3B	X	-34.722	5
29	MP3B	Z	0	5
30	MP3B	Mx	.009	5
31	MP3C	X	-38.326	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.032	1
34	MP3C	X	-38.326	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.032	5
37	MP2A	X	-8.099	2
38	MP2A	Z	0	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.099	4
41	MP2A	Z	0	4
42	MP2A	Mx	.004	4
43	MP2B	X	-14.518	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.005	2
46	MP2B	X	-14.518	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.005	4
49	MP2C	X	-18.708	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.002	2
52	MP2C	X	-18.708	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.002	4
55	MP3A	X	-11.145	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	-.006	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-14.013	1.75
59	MP3B	Z	0	1.75
60	MP3B	Mx	.005	1.75
61	MP3C	X	-15.885	1.75
62	MP3C	Z	0	1.75
63	MP3C	Mx	.001	1.75
64	MP4A	X	-10.266	1.75
65	MP4A	Z	0	1.75
66	MP4A	Mx	-.005	1.75
67	MP4B	X	-13.65	1.75
68	MP4B	Z	0	1.75
69	MP4B	Mx	.004	1.75
70	MP4C	X	-15.858	1.75
71	MP4C	Z	0	1.75
72	MP4C	Mx	.001	1.75
73	MP1C	X	-36.63	1
74	MP1C	Z	0	1
75	MP1C	Mx	-.009	1
76	MP1C	X	-36.63	5
77	MP1C	Z	0	5
78	MP1C	Mx	-.009	5
79	MP5C	X	-36.63	1
80	MP5C	Z	0	1
81	MP5C	Mx	-.009	1
82	MP5C	X	-36.63	5
83	MP5C	Z	0	5
84	MP5C	Mx	-.009	5
85	MP1A	X	-33.997	1
86	MP1A	Z	0	1
87	MP1A	Mx	.017	1
88	MP1A	X	-33.997	5
89	MP1A	Z	0	5
90	MP1A	Mx	.017	5
91	MP1B	X	-22.156	1
92	MP1B	Z	0	1
93	MP1B	Mx	-.006	1
94	MP1B	X	-22.156	5
95	MP1B	Z	0	5
96	MP1B	Mx	-.006	5
97	MP5A	X	-33.997	1
98	MP5A	Z	0	1
99	MP5A	Mx	.017	1
100	MP5A	X	-33.997	5
101	MP5A	Z	0	5
102	MP5A	Mx	.017	5
103	MP5B	X	-22.156	1
104	MP5B	Z	0	1
105	MP5B	Mx	-.006	1
106	MP5B	X	-22.156	5
107	MP5B	Z	0	5
108	MP5B	Mx	-.006	5
109	OVP1	X	-27.574	1.5
110	OVP1	Z	0	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-27.574	1.5
113	OVP2	Z	0	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-27.325	1
2	MP3A	Z	-15.776	1
3	MP3A	Mx	.025	1
4	MP3A	X	-27.325	5
5	MP3A	Z	-15.776	5
6	MP3A	Mx	.025	5
7	MP3B	X	-33.191	1
8	MP3B	Z	-19.163	1
9	MP3B	Mx	-.032	1
10	MP3B	X	-33.191	5
11	MP3B	Z	-19.163	5
12	MP3B	Mx	-.032	5
13	MP3C	X	-30.07	1
14	MP3C	Z	-17.361	1
15	MP3C	Mx	.009	1
16	MP3C	X	-30.07	5
17	MP3C	Z	-17.361	5
18	MP3C	Mx	.009	5
19	MP3A	X	-27.325	1
20	MP3A	Z	-15.776	1
21	MP3A	Mx	.002	1
22	MP3A	X	-27.325	5
23	MP3A	Z	-15.776	5
24	MP3A	Mx	.002	5
25	MP3B	X	-33.191	1
26	MP3B	Z	-19.163	1
27	MP3B	Mx	.025	1
28	MP3B	X	-33.191	5
29	MP3B	Z	-19.163	5
30	MP3B	Mx	.025	5
31	MP3C	X	-30.07	1
32	MP3C	Z	-17.361	1
33	MP3C	Mx	-.031	1
34	MP3C	X	-30.07	5
35	MP3C	Z	-17.361	5
36	MP3C	Mx	-.031	5
37	MP2A	X	-9.382	2
38	MP2A	Z	-5.417	2
39	MP2A	Mx	.005	2
40	MP2A	X	-9.382	4
41	MP2A	Z	-5.417	4
42	MP2A	Mx	.005	4
43	MP2B	X	-16.202	2
44	MP2B	Z	-9.354	2
45	MP2B	Mx	-.002	2
46	MP2B	X	-16.202	4
47	MP2B	Z	-9.354	4
48	MP2B	Mx	-.002	4
49	MP2C	X	-12.573	2
50	MP2C	Z	-7.259	2
51	MP2C	Mx	-.005	2
52	MP2C	X	-12.573	4
53	MP2C	Z	-7.259	4
54	MP2C	Mx	-.005	4
55	MP3A	X	-10.71	1.75
56	MP3A	Z	-6.183	1.75
57	MP3A	Mx	-.005	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-13.757	1.75
59	MP3B	Z	-7.942	1.75
60	MP3B	Mx	.001	1.75
61	MP3C	X	-12.136	1.75
62	MP3C	Z	-7.007	1.75
63	MP3C	Mx	.005	1.75
64	MP4A	X	-10.139	1.75
65	MP4A	Z	-5.854	1.75
66	MP4A	Mx	-.005	1.75
67	MP4B	X	-13.734	1.75
68	MP4B	Z	-7.929	1.75
69	MP4B	Mx	.001	1.75
70	MP4C	X	-11.821	1.75
71	MP4C	Z	-6.825	1.75
72	MP4C	Mx	.004	1.75
73	MP1C	X	-30.088	1
74	MP1C	Z	-17.371	1
75	MP1C	Mx	-.015	1
76	MP1C	X	-30.088	5
77	MP1C	Z	-17.371	5
78	MP1C	Mx	-.015	5
79	MP5C	X	-30.088	1
80	MP5C	Z	-17.371	1
81	MP5C	Mx	-.015	1
82	MP5C	X	-30.088	5
83	MP5C	Z	-17.371	5
84	MP5C	Mx	-.015	5
85	MP1A	X	-26.024	1
86	MP1A	Z	-15.025	1
87	MP1A	Mx	.013	1
88	MP1A	X	-26.024	5
89	MP1A	Z	-15.025	5
90	MP1A	Mx	.013	5
91	MP1B	X	-15.769	1
92	MP1B	Z	-9.104	1
93	MP1B	Mx	0	1
94	MP1B	X	-15.769	5
95	MP1B	Z	-9.104	5
96	MP1B	Mx	0	5
97	MP5A	X	-26.024	1
98	MP5A	Z	-15.025	1
99	MP5A	Mx	.013	1
100	MP5A	X	-26.024	5
101	MP5A	Z	-15.025	5
102	MP5A	Mx	.013	5
103	MP5B	X	-15.769	1
104	MP5B	Z	-9.104	1
105	MP5B	Mx	0	1
106	MP5B	X	-15.769	5
107	MP5B	Z	-9.104	5
108	MP5B	Mx	0	5
109	OVP1	X	-26.997	1.5
110	OVP1	Z	-15.586	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-26.997	1.5
113	OVP2	Z	-15.586	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-18.129	1
2	MP3A	Z	-31.4	1
3	MP3A	Mx	.033	1
4	MP3A	X	-18.129	5
5	MP3A	Z	-31.4	5
6	MP3A	Mx	.033	5
7	MP3B	X	-18.754	1
8	MP3B	Z	-32.483	1
9	MP3B	Mx	-.02	1
10	MP3B	X	-18.754	5
11	MP3B	Z	-32.483	5
12	MP3B	Mx	-.02	5
13	MP3C	X	-15.15	1
14	MP3C	Z	-26.241	1
15	MP3C	Mx	-.006	1
16	MP3C	X	-15.15	5
17	MP3C	Z	-26.241	5
18	MP3C	Mx	-.006	5
19	MP3A	X	-18.129	1
20	MP3A	Z	-31.4	1
21	MP3A	Mx	-.014	1
22	MP3A	X	-18.129	5
23	MP3A	Z	-31.4	5
24	MP3A	Mx	-.014	5
25	MP3B	X	-18.754	1
26	MP3B	Z	-32.483	1
27	MP3B	Mx	.033	1
28	MP3B	X	-18.754	5
29	MP3B	Z	-32.483	5
30	MP3B	Mx	.033	5
31	MP3C	X	-15.15	1
32	MP3C	Z	-26.241	1
33	MP3C	Mx	-.022	1
34	MP3C	X	-15.15	5
35	MP3C	Z	-26.241	5
36	MP3C	Mx	-.022	5
37	MP2A	X	-8.152	2
38	MP2A	Z	-14.119	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.152	4
41	MP2A	Z	-14.119	4
42	MP2A	Mx	.004	4
43	MP2B	X	-8.879	2
44	MP2B	Z	-15.379	2
45	MP2B	Mx	.003	2
46	MP2B	X	-8.879	4
47	MP2B	Z	-15.379	4
48	MP2B	Mx	.003	4
49	MP2C	X	-4.689	2
50	MP2C	Z	-8.122	2
51	MP2C	Mx	-.004	2
52	MP2C	X	-4.689	4
53	MP2C	Z	-8.122	4
54	MP2C	Mx	-.004	4
55	MP3A	X	-7.405	1.75
56	MP3A	Z	-12.826	1.75
57	MP3A	Mx	-.004	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-7.73	1.75
59	MP3B	Z	-13.389	1.75
60	MP3B	Mx	-.003	1.75
61	MP3C	X	-5.858	1.75
62	MP3C	Z	-10.147	1.75
63	MP3C	Mx	.006	1.75
64	MP4A	X	-7.295	1.75
65	MP4A	Z	-12.636	1.75
66	MP4A	Mx	-.004	1.75
67	MP4B	X	-7.679	1.75
68	MP4B	Z	-13.3	1.75
69	MP4B	Mx	-.003	1.75
70	MP4C	X	-5.47	1.75
71	MP4C	Z	-9.474	1.75
72	MP4C	Mx	.005	1.75
73	MP1C	X	-16.899	1
74	MP1C	Z	-29.27	1
75	MP1C	Mx	-.017	1
76	MP1C	X	-16.899	5
77	MP1C	Z	-29.27	5
78	MP1C	Mx	-.017	5
79	MP5C	X	-16.899	1
80	MP5C	Z	-29.27	1
81	MP5C	Mx	-.017	1
82	MP5C	X	-16.899	5
83	MP5C	Z	-29.27	5
84	MP5C	Mx	-.017	5
85	MP1A	X	-11.078	1
86	MP1A	Z	-19.188	1
87	MP1A	Mx	.006	1
88	MP1A	X	-11.078	5
89	MP1A	Z	-19.188	5
90	MP1A	Mx	.006	5
91	MP1B	X	-11.078	1
92	MP1B	Z	-19.188	1
93	MP1B	Mx	.006	1
94	MP1B	X	-11.078	5
95	MP1B	Z	-19.188	5
96	MP1B	Mx	.006	5
97	MP5A	X	-11.078	1
98	MP5A	Z	-19.188	1
99	MP5A	Mx	.006	1
100	MP5A	X	-11.078	5
101	MP5A	Z	-19.188	5
102	MP5A	Mx	.006	5
103	MP5B	X	-11.078	1
104	MP5B	Z	-19.188	1
105	MP5B	Mx	.006	1
106	MP5B	X	-11.078	5
107	MP5B	Z	-19.188	5
108	MP5B	Mx	.006	5
109	OVP1	X	-16.486	1.5
110	OVP1	Z	-28.555	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-16.486	1.5
113	OVP2	Z	-28.555	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-12.763	1
3	MP3A	Mx	.01	1
4	MP3A	X	0	5
5	MP3A	Z	-12.763	5
6	MP3A	Mx	.01	5
7	MP3B	X	0	1
8	MP3B	Z	-10.841	1
9	MP3B	Mx	-.001	1
10	MP3B	X	0	5
11	MP3B	Z	-10.841	5
12	MP3B	Mx	-.001	5
13	MP3C	X	0	1
14	MP3C	Z	-9.587	1
15	MP3C	Mx	-.006	1
16	MP3C	X	0	5
17	MP3C	Z	-9.587	5
18	MP3C	Mx	-.006	5
19	MP3A	X	0	1
20	MP3A	Z	-12.763	1
21	MP3A	Mx	-.01	1
22	MP3A	X	0	5
23	MP3A	Z	-12.763	5
24	MP3A	Mx	-.01	5
25	MP3B	X	0	1
26	MP3B	Z	-10.841	1
27	MP3B	Mx	.009	1
28	MP3B	X	0	5
29	MP3B	Z	-10.841	5
30	MP3B	Mx	.009	5
31	MP3C	X	0	1
32	MP3C	Z	-9.587	1
33	MP3C	Mx	-.003	1
34	MP3C	X	0	5
35	MP3C	Z	-9.587	5
36	MP3C	Mx	-.003	5
37	MP2A	X	0	2
38	MP2A	Z	-5.069	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-5.069	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-3.119	2
45	MP2B	Mx	.001	2
46	MP2B	X	0	4
47	MP2B	Z	-3.119	4
48	MP2B	Mx	.001	4
49	MP2C	X	0	2
50	MP2C	Z	-1.846	2
51	MP2C	Mx	-.000909	2
52	MP2C	X	0	4
53	MP2C	Z	-1.846	4
54	MP2C	Mx	-.000909	4
55	MP3A	X	0	1.75
56	MP3A	Z	-4.836	1.75
57	MP3A	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	1.75
59	MP3B	Z	-3.895	1.75
60	MP3B	Mx	-.001	1.75
61	MP3C	X	0	1.75
62	MP3C	Z	-3.281	1.75
63	MP3C	Mx	.002	1.75
64	MP4A	X	0	1.75
65	MP4A	Z	-4.836	1.75
66	MP4A	Mx	0	1.75
67	MP4B	X	0	1.75
68	MP4B	Z	-3.724	1.75
69	MP4B	Mx	-.001	1.75
70	MP4C	X	0	1.75
71	MP4C	Z	-2.999	1.75
72	MP4C	Mx	.001	1.75
73	MP1C	X	0	1
74	MP1C	Z	-11.419	1
75	MP1C	Mx	-.005	1
76	MP1C	X	0	5
77	MP1C	Z	-11.419	5
78	MP1C	Mx	-.005	5
79	MP5C	X	0	1
80	MP5C	Z	-11.419	1
81	MP5C	Mx	-.005	1
82	MP5C	X	0	5
83	MP5C	Z	-11.419	5
84	MP5C	Mx	-.005	5
85	MP1A	X	0	1
86	MP1A	Z	-5.599	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	-5.599	5
90	MP1A	Mx	0	5
91	MP1B	X	0	1
92	MP1B	Z	-9.768	1
93	MP1B	Mx	.004	1
94	MP1B	X	0	5
95	MP1B	Z	-9.768	5
96	MP1B	Mx	.004	5
97	MP5A	X	0	1
98	MP5A	Z	-5.599	1
99	MP5A	Mx	0	1
100	MP5A	X	0	5
101	MP5A	Z	-5.599	5
102	MP5A	Mx	0	5
103	MP5B	X	0	1
104	MP5B	Z	-9.768	1
105	MP5B	Mx	.004	1
106	MP5B	X	0	5
107	MP5B	Z	-9.768	5
108	MP5B	Mx	.004	5
109	OVP1	X	0	1.5
110	OVP1	Z	-7.707	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	0	1.5
113	OVP2	Z	-7.707	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	5.972	1
2	MP3A	Z	-10.344	1
3	MP3A	Mx	.005	1
4	MP3A	X	5.972	5
5	MP3A	Z	-10.344	5
6	MP3A	Mx	.005	5
7	MP3B	X	4.794	1
8	MP3B	Z	-8.303	1
9	MP3B	Mx	.003	1
10	MP3B	X	4.794	5
11	MP3B	Z	-8.303	5
12	MP3B	Mx	.003	5
13	MP3C	X	5.421	1
14	MP3C	Z	-9.389	1
15	MP3C	Mx	-.009	1
16	MP3C	X	5.421	5
17	MP3C	Z	-9.389	5
18	MP3C	Mx	-.009	5
19	MP3A	X	5.972	1
20	MP3A	Z	-10.344	1
21	MP3A	Mx	-.011	1
22	MP3A	X	5.972	5
23	MP3A	Z	-10.344	5
24	MP3A	Mx	-.011	5
25	MP3B	X	4.794	1
26	MP3B	Z	-8.303	1
27	MP3B	Mx	.006	1
28	MP3B	X	4.794	5
29	MP3B	Z	-8.303	5
30	MP3B	Mx	.006	5
31	MP3C	X	5.421	1
32	MP3C	Z	-9.389	1
33	MP3C	Mx	.001	1
34	MP3C	X	5.421	5
35	MP3C	Z	-9.389	5
36	MP3C	Mx	.001	5
37	MP2A	X	2.119	2
38	MP2A	Z	-3.67	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.119	4
41	MP2A	Z	-3.67	4
42	MP2A	Mx	-.001	4
43	MP2B	X	.923	2
44	MP2B	Z	-1.599	2
45	MP2B	Mx	.000909	2
46	MP2B	X	.923	4
47	MP2B	Z	-1.599	4
48	MP2B	Mx	.000909	4
49	MP2C	X	1.559	2
50	MP2C	Z	-2.701	2
51	MP2C	Mx	-.001	2
52	MP2C	X	1.559	4
53	MP2C	Z	-2.701	4
54	MP2C	Mx	-.001	4
55	MP3A	X	2.218	1.75
56	MP3A	Z	-3.841	1.75
57	MP3A	Mx	.001	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	1.641	1.75
59	MP3B	Z	-2.841	1.75
60	MP3B	Mx	-.002	1.75
61	MP3C	X	1.948	1.75
62	MP3C	Z	-3.373	1.75
63	MP3C	Mx	.001	1.75
64	MP4A	X	2.181	1.75
65	MP4A	Z	-3.778	1.75
66	MP4A	Mx	.001	1.75
67	MP4B	X	1.499	1.75
68	MP4B	Z	-2.597	1.75
69	MP4B	Mx	-.001	1.75
70	MP4C	X	1.862	1.75
71	MP4C	Z	-3.225	1.75
72	MP4C	Mx	.001	1.75
73	MP1C	X	6.041	1
74	MP1C	Z	-10.463	1
75	MP1C	Mx	-.003	1
76	MP1C	X	6.041	5
77	MP1C	Z	-10.463	5
78	MP1C	Mx	-.003	5
79	MP5C	X	6.041	1
80	MP5C	Z	-10.463	1
81	MP5C	Mx	-.003	1
82	MP5C	X	6.041	5
83	MP5C	Z	-10.463	5
84	MP5C	Mx	-.003	5
85	MP1A	X	3.494	1
86	MP1A	Z	-6.052	1
87	MP1A	Mx	-.002	1
88	MP1A	X	3.494	5
89	MP1A	Z	-6.052	5
90	MP1A	Mx	-.002	5
91	MP1B	X	5.579	1
92	MP1B	Z	-9.662	1
93	MP1B	Mx	.006	1
94	MP1B	X	5.579	5
95	MP1B	Z	-9.662	5
96	MP1B	Mx	.006	5
97	MP5A	X	3.494	1
98	MP5A	Z	-6.052	1
99	MP5A	Mx	-.002	1
100	MP5A	X	3.494	5
101	MP5A	Z	-6.052	5
102	MP5A	Mx	-.002	5
103	MP5B	X	5.579	1
104	MP5B	Z	-9.662	1
105	MP5B	Mx	.006	1
106	MP5B	X	5.579	5
107	MP5B	Z	-9.662	5
108	MP5B	Mx	.006	5
109	OVP1	X	3.362	1.5
110	OVP1	Z	-5.823	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	3.362	1.5
113	OVP2	Z	-5.823	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.926	1
2	MP3A	Z	-5.154	1
3	MP3A	Mx	-.000598	1
4	MP3A	X	8.926	5
5	MP3A	Z	-5.154	5
6	MP3A	Mx	-.000598	5
7	MP3B	X	8.549	1
8	MP3B	Z	-4.936	1
9	MP3B	Mx	.007	1
10	MP3B	X	8.549	5
11	MP3B	Z	-4.936	5
12	MP3B	Mx	.007	5
13	MP3C	X	10.721	1
14	MP3C	Z	-6.19	1
15	MP3C	Mx	-.011	1
16	MP3C	X	10.721	5
17	MP3C	Z	-6.19	5
18	MP3C	Mx	-.011	5
19	MP3A	X	8.926	1
20	MP3A	Z	-5.154	1
21	MP3A	Mx	-.008	1
22	MP3A	X	8.926	5
23	MP3A	Z	-5.154	5
24	MP3A	Mx	-.008	5
25	MP3B	X	8.549	1
26	MP3B	Z	-4.936	1
27	MP3B	Mx	.002	1
28	MP3B	X	8.549	5
29	MP3B	Z	-4.936	5
30	MP3B	Mx	.002	5
31	MP3C	X	10.721	1
32	MP3C	Z	-6.19	1
33	MP3C	Mx	.007	1
34	MP3C	X	10.721	5
35	MP3C	Z	-6.19	5
36	MP3C	Mx	.007	5
37	MP2A	X	2.231	2
38	MP2A	Z	-1.288	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.231	4
41	MP2A	Z	-1.288	4
42	MP2A	Mx	-.001	4
43	MP2B	X	1.848	2
44	MP2B	Z	-1.067	2
45	MP2B	Mx	.001	2
46	MP2B	X	1.848	4
47	MP2B	Z	-1.067	4
48	MP2B	Mx	.001	4
49	MP2C	X	4.053	2
50	MP2C	Z	-2.34	2
51	MP2C	Mx	-.0008	2
52	MP2C	X	4.053	4
53	MP2C	Z	-2.34	4
54	MP2C	Mx	-.0008	4
55	MP3A	X	3.147	1.75
56	MP3A	Z	-1.817	1.75
57	MP3A	Mx	.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	2.962	1.75
59	MP3B	Z	-1.71	1.75
60	MP3B	Mx	-.002	1.75
61	MP3C	X	4.026	1.75
62	MP3C	Z	-2.324	1.75
63	MP3C	Mx	.000795	1.75
64	MP4A	X	2.958	1.75
65	MP4A	Z	-1.708	1.75
66	MP4A	Mx	.001	1.75
67	MP4B	X	2.74	1.75
68	MP4B	Z	-1.582	1.75
69	MP4B	Mx	-.001	1.75
70	MP4C	X	3.996	1.75
71	MP4C	Z	-2.307	1.75
72	MP4C	Mx	.000789	1.75
73	MP1C	X	10.75	1
74	MP1C	Z	-6.207	1
75	MP1C	Mx	0	1
76	MP1C	X	10.75	5
77	MP1C	Z	-6.207	5
78	MP1C	Mx	0	5
79	MP5C	X	10.75	1
80	MP5C	Z	-6.207	1
81	MP5C	Mx	0	1
82	MP5C	X	10.75	5
83	MP5C	Z	-6.207	5
84	MP5C	Mx	0	5
85	MP1A	X	8.459	1
86	MP1A	Z	-4.884	1
87	MP1A	Mx	-.004	1
88	MP1A	X	8.459	5
89	MP1A	Z	-4.884	5
90	MP1A	Mx	-.004	5
91	MP1B	X	8.459	1
92	MP1B	Z	-4.884	1
93	MP1B	Mx	.004	1
94	MP1B	X	8.459	5
95	MP1B	Z	-4.884	5
96	MP1B	Mx	.004	5
97	MP5A	X	8.459	1
98	MP5A	Z	-4.884	1
99	MP5A	Mx	-.004	1
100	MP5A	X	8.459	5
101	MP5A	Z	-4.884	5
102	MP5A	Mx	-.004	5
103	MP5B	X	8.459	1
104	MP5B	Z	-4.884	1
105	MP5B	Mx	.004	1
106	MP5B	X	8.459	5
107	MP5B	Z	-4.884	5
108	MP5B	Mx	.004	5
109	OVP1	X	5.398	1.5
110	OVP1	Z	-3.116	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	5.398	1.5
113	OVP2	Z	-3.116	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.489	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.005	1
4	MP3A	X	9.489	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.005	5
7	MP3B	X	11.41	1
8	MP3B	Z	0	1
9	MP3B	Mx	.01	1
10	MP3B	X	11.41	5
11	MP3B	Z	0	5
12	MP3B	Mx	.01	5
13	MP3C	X	12.664	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.008	1
16	MP3C	X	12.664	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.008	5
19	MP3A	X	9.489	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.005	1
22	MP3A	X	9.489	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.005	5
25	MP3B	X	11.41	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.003	1
28	MP3B	X	11.41	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.003	5
31	MP3C	X	12.664	1
32	MP3C	Z	0	1
33	MP3C	Mx	.01	1
34	MP3C	X	12.664	5
35	MP3C	Z	0	5
36	MP3C	Mx	.01	5
37	MP2A	X	1.746	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.000873	2
40	MP2A	X	1.746	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.000873	4
43	MP2B	X	3.696	2
44	MP2B	Z	0	2
45	MP2B	Mx	.001	2
46	MP2B	X	3.696	4
47	MP2B	Z	0	4
48	MP2B	Mx	.001	4
49	MP2C	X	4.969	2
50	MP2C	Z	0	2
51	MP2C	Mx	.000431	2
52	MP2C	X	4.969	4
53	MP2C	Z	0	4
54	MP2C	Mx	.000431	4
55	MP3A	X	3.233	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	4.174	1.75
59	MP3B	Z	0	1.75
60	MP3B	Mx	-.001	1.75
61	MP3C	X	4.788	1.75
62	MP3C	Z	0	1.75
63	MP3C	Mx	-.000416	1.75
64	MP4A	X	2.942	1.75
65	MP4A	Z	0	1.75
66	MP4A	Mx	.001	1.75
67	MP4B	X	4.053	1.75
68	MP4B	Z	0	1.75
69	MP4B	Mx	-.001	1.75
70	MP4C	X	4.779	1.75
71	MP4C	Z	0	1.75
72	MP4C	Mx	-.000415	1.75
73	MP1C	X	12.082	1
74	MP1C	Z	0	1
75	MP1C	Mx	.003	1
76	MP1C	X	12.082	5
77	MP1C	Z	0	5
78	MP1C	Mx	.003	5
79	MP5C	X	12.082	1
80	MP5C	Z	0	1
81	MP5C	Mx	.003	1
82	MP5C	X	12.082	5
83	MP5C	Z	0	5
84	MP5C	Mx	.003	5
85	MP1A	X	11.157	1
86	MP1A	Z	0	1
87	MP1A	Mx	-.006	1
88	MP1A	X	11.157	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.006	5
91	MP1B	X	6.989	1
92	MP1B	Z	0	1
93	MP1B	Mx	.002	1
94	MP1B	X	6.989	5
95	MP1B	Z	0	5
96	MP1B	Mx	.002	5
97	MP5A	X	11.157	1
98	MP5A	Z	0	1
99	MP5A	Mx	-.006	1
100	MP5A	X	11.157	5
101	MP5A	Z	0	5
102	MP5A	Mx	-.006	5
103	MP5B	X	6.989	1
104	MP5B	Z	0	1
105	MP5B	Mx	.002	1
106	MP5B	X	6.989	5
107	MP5B	Z	0	5
108	MP5B	Mx	.002	5
109	OVP1	X	6.724	1.5
110	OVP1	Z	0	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	6.724	1.5
113	OVP2	Z	0	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.926	1
2	MP3A	Z	5.154	1
3	MP3A	Mx	-.008	1
4	MP3A	X	8.926	5
5	MP3A	Z	5.154	5
6	MP3A	Mx	-.008	5
7	MP3B	X	10.967	1
8	MP3B	Z	6.332	1
9	MP3B	Mx	.01	1
10	MP3B	X	10.967	5
11	MP3B	Z	6.332	5
12	MP3B	Mx	.01	5
13	MP3C	X	9.881	1
14	MP3C	Z	5.705	1
15	MP3C	Mx	-.003	1
16	MP3C	X	9.881	5
17	MP3C	Z	5.705	5
18	MP3C	Mx	-.003	5
19	MP3A	X	8.926	1
20	MP3A	Z	5.154	1
21	MP3A	Mx	-.000598	1
22	MP3A	X	8.926	5
23	MP3A	Z	5.154	5
24	MP3A	Mx	-.000598	5
25	MP3B	X	10.967	1
26	MP3B	Z	6.332	1
27	MP3B	Mx	-.008	1
28	MP3B	X	10.967	5
29	MP3B	Z	6.332	5
30	MP3B	Mx	-.008	5
31	MP3C	X	9.881	1
32	MP3C	Z	5.705	1
33	MP3C	Mx	.01	1
34	MP3C	X	9.881	5
35	MP3C	Z	5.705	5
36	MP3C	Mx	.01	5
37	MP2A	X	2.231	2
38	MP2A	Z	1.288	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.231	4
41	MP2A	Z	1.288	4
42	MP2A	Mx	-.001	4
43	MP2B	X	4.303	2
44	MP2B	Z	2.484	2
45	MP2B	Mx	.000432	2
46	MP2B	X	4.303	4
47	MP2B	Z	2.484	4
48	MP2B	Mx	.000432	4
49	MP2C	X	3.201	2
50	MP2C	Z	1.848	2
51	MP2C	Mx	.001	2
52	MP2C	X	3.201	4
53	MP2C	Z	1.848	4
54	MP2C	Mx	.001	4
55	MP3A	X	3.147	1.75
56	MP3A	Z	1.817	1.75
57	MP3A	Mx	.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	4.146	1.75
59	MP3B	Z	2.394	1.75
60	MP3B	Mx	-.000416	1.75
61	MP3C	X	3.614	1.75
62	MP3C	Z	2.087	1.75
63	MP3C	Mx	-.001	1.75
64	MP4A	X	2.958	1.75
65	MP4A	Z	1.708	1.75
66	MP4A	Mx	.001	1.75
67	MP4B	X	4.139	1.75
68	MP4B	Z	2.39	1.75
69	MP4B	Mx	-.000415	1.75
70	MP4C	X	3.51	1.75
71	MP4C	Z	2.027	1.75
72	MP4C	Mx	-.001	1.75
73	MP1C	X	9.889	1
74	MP1C	Z	5.71	1
75	MP1C	Mx	.005	1
76	MP1C	X	9.889	5
77	MP1C	Z	5.71	5
78	MP1C	Mx	.005	5
79	MP5C	X	9.889	1
80	MP5C	Z	5.71	1
81	MP5C	Mx	.005	1
82	MP5C	X	9.889	5
83	MP5C	Z	5.71	5
84	MP5C	Mx	.005	5
85	MP1A	X	8.459	1
86	MP1A	Z	4.884	1
87	MP1A	Mx	-.004	1
88	MP1A	X	8.459	5
89	MP1A	Z	4.884	5
90	MP1A	Mx	-.004	5
91	MP1B	X	4.849	1
92	MP1B	Z	2.8	1
93	MP1B	Mx	0	1
94	MP1B	X	4.849	5
95	MP1B	Z	2.8	5
96	MP1B	Mx	0	5
97	MP5A	X	8.459	1
98	MP5A	Z	4.884	1
99	MP5A	Mx	-.004	1
100	MP5A	X	8.459	5
101	MP5A	Z	4.884	5
102	MP5A	Mx	-.004	5
103	MP5B	X	4.849	1
104	MP5B	Z	2.8	1
105	MP5B	Mx	0	1
106	MP5B	X	4.849	5
107	MP5B	Z	2.8	5
108	MP5B	Mx	0	5
109	OVP1	X	6.674	1.5
110	OVP1	Z	3.853	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	6.674	1.5
113	OVP2	Z	3.853	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	5.972	1
2	MP3A	Z	10.344	1
3	MP3A	Mx	-.011	1
4	MP3A	X	5.972	5
5	MP3A	Z	10.344	5
6	MP3A	Mx	-.011	5
7	MP3B	X	6.19	1
8	MP3B	Z	10.721	1
9	MP3B	Mx	.007	1
10	MP3B	X	6.19	5
11	MP3B	Z	10.721	5
12	MP3B	Mx	.007	5
13	MP3C	X	4.936	1
14	MP3C	Z	8.549	1
15	MP3C	Mx	.002	1
16	MP3C	X	4.936	5
17	MP3C	Z	8.549	5
18	MP3C	Mx	.002	5
19	MP3A	X	5.972	1
20	MP3A	Z	10.344	1
21	MP3A	Mx	.005	1
22	MP3A	X	5.972	5
23	MP3A	Z	10.344	5
24	MP3A	Mx	.005	5
25	MP3B	X	6.19	1
26	MP3B	Z	10.721	1
27	MP3B	Mx	-.011	1
28	MP3B	X	6.19	5
29	MP3B	Z	10.721	5
30	MP3B	Mx	-.011	5
31	MP3C	X	4.936	1
32	MP3C	Z	8.549	1
33	MP3C	Mx	.007	1
34	MP3C	X	4.936	5
35	MP3C	Z	8.549	5
36	MP3C	Mx	.007	5
37	MP2A	X	2.119	2
38	MP2A	Z	3.67	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.119	4
41	MP2A	Z	3.67	4
42	MP2A	Mx	-.001	4
43	MP2B	X	2.34	2
44	MP2B	Z	4.053	2
45	MP2B	Mx	-.0008	2
46	MP2B	X	2.34	4
47	MP2B	Z	4.053	4
48	MP2B	Mx	-.0008	4
49	MP2C	X	1.067	2
50	MP2C	Z	1.848	2
51	MP2C	Mx	.001	2
52	MP2C	X	1.067	4
53	MP2C	Z	1.848	4
54	MP2C	Mx	.001	4
55	MP3A	X	2.218	1.75
56	MP3A	Z	3.841	1.75
57	MP3A	Mx	.001	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	2.324	1.75
59	MP3B	Z	4.026	1.75
60	MP3B	Mx	.000795	1.75
61	MP3C	X	1.71	1.75
62	MP3C	Z	2.962	1.75
63	MP3C	Mx	-.002	1.75
64	MP4A	X	2.181	1.75
65	MP4A	Z	3.778	1.75
66	MP4A	Mx	.001	1.75
67	MP4B	X	2.307	1.75
68	MP4B	Z	3.996	1.75
69	MP4B	Mx	.000789	1.75
70	MP4C	X	1.582	1.75
71	MP4C	Z	2.74	1.75
72	MP4C	Mx	-.001	1.75
73	MP1C	X	5.544	1
74	MP1C	Z	9.602	1
75	MP1C	Mx	.006	1
76	MP1C	X	5.544	5
77	MP1C	Z	9.602	5
78	MP1C	Mx	.006	5
79	MP5C	X	5.544	1
80	MP5C	Z	9.602	1
81	MP5C	Mx	.006	1
82	MP5C	X	5.544	5
83	MP5C	Z	9.602	5
84	MP5C	Mx	.006	5
85	MP1A	X	3.494	1
86	MP1A	Z	6.052	1
87	MP1A	Mx	-.002	1
88	MP1A	X	3.494	5
89	MP1A	Z	6.052	5
90	MP1A	Mx	-.002	5
91	MP1B	X	3.494	1
92	MP1B	Z	6.052	1
93	MP1B	Mx	-.002	1
94	MP1B	X	3.494	5
95	MP1B	Z	6.052	5
96	MP1B	Mx	-.002	5
97	MP5A	X	3.494	1
98	MP5A	Z	6.052	1
99	MP5A	Mx	-.002	1
100	MP5A	X	3.494	5
101	MP5A	Z	6.052	5
102	MP5A	Mx	-.002	5
103	MP5B	X	3.494	1
104	MP5B	Z	6.052	1
105	MP5B	Mx	-.002	1
106	MP5B	X	3.494	5
107	MP5B	Z	6.052	5
108	MP5B	Mx	-.002	5
109	OVP1	X	4.099	1.5
110	OVP1	Z	7.1	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	4.099	1.5
113	OVP2	Z	7.1	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	12.763	1
3	MP3A	Mx	-.01	1
4	MP3A	X	0	5
5	MP3A	Z	12.763	5
6	MP3A	Mx	-.01	5
7	MP3B	X	0	1
8	MP3B	Z	10.841	1
9	MP3B	Mx	.001	1
10	MP3B	X	0	5
11	MP3B	Z	10.841	5
12	MP3B	Mx	.001	5
13	MP3C	X	0	1
14	MP3C	Z	9.587	1
15	MP3C	Mx	.006	1
16	MP3C	X	0	5
17	MP3C	Z	9.587	5
18	MP3C	Mx	.006	5
19	MP3A	X	0	1
20	MP3A	Z	12.763	1
21	MP3A	Mx	.01	1
22	MP3A	X	0	5
23	MP3A	Z	12.763	5
24	MP3A	Mx	.01	5
25	MP3B	X	0	1
26	MP3B	Z	10.841	1
27	MP3B	Mx	-.009	1
28	MP3B	X	0	5
29	MP3B	Z	10.841	5
30	MP3B	Mx	-.009	5
31	MP3C	X	0	1
32	MP3C	Z	9.587	1
33	MP3C	Mx	.003	1
34	MP3C	X	0	5
35	MP3C	Z	9.587	5
36	MP3C	Mx	.003	5
37	MP2A	X	0	2
38	MP2A	Z	5.069	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	5.069	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	3.119	2
45	MP2B	Mx	-.001	2
46	MP2B	X	0	4
47	MP2B	Z	3.119	4
48	MP2B	Mx	-.001	4
49	MP2C	X	0	2
50	MP2C	Z	1.846	2
51	MP2C	Mx	.000909	2
52	MP2C	X	0	4
53	MP2C	Z	1.846	4
54	MP2C	Mx	.000909	4
55	MP3A	X	0	1.75
56	MP3A	Z	4.836	1.75
57	MP3A	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	1.75
59	MP3B	Z	3.895	1.75
60	MP3B	Mx	.001	1.75
61	MP3C	X	0	1.75
62	MP3C	Z	3.281	1.75
63	MP3C	Mx	-.002	1.75
64	MP4A	X	0	1.75
65	MP4A	Z	4.836	1.75
66	MP4A	Mx	0	1.75
67	MP4B	X	0	1.75
68	MP4B	Z	3.724	1.75
69	MP4B	Mx	.001	1.75
70	MP4C	X	0	1.75
71	MP4C	Z	2.999	1.75
72	MP4C	Mx	-.001	1.75
73	MP1C	X	0	1
74	MP1C	Z	11.419	1
75	MP1C	Mx	.005	1
76	MP1C	X	0	5
77	MP1C	Z	11.419	5
78	MP1C	Mx	.005	5
79	MP5C	X	0	1
80	MP5C	Z	11.419	1
81	MP5C	Mx	.005	1
82	MP5C	X	0	5
83	MP5C	Z	11.419	5
84	MP5C	Mx	.005	5
85	MP1A	X	0	1
86	MP1A	Z	5.599	1
87	MP1A	Mx	0	1
88	MP1A	X	0	5
89	MP1A	Z	5.599	5
90	MP1A	Mx	0	5
91	MP1B	X	0	1
92	MP1B	Z	9.768	1
93	MP1B	Mx	-.004	1
94	MP1B	X	0	5
95	MP1B	Z	9.768	5
96	MP1B	Mx	-.004	5
97	MP5A	X	0	1
98	MP5A	Z	5.599	1
99	MP5A	Mx	0	1
100	MP5A	X	0	5
101	MP5A	Z	5.599	5
102	MP5A	Mx	0	5
103	MP5B	X	0	1
104	MP5B	Z	9.768	1
105	MP5B	Mx	-.004	1
106	MP5B	X	0	5
107	MP5B	Z	9.768	5
108	MP5B	Mx	-.004	5
109	OVP1	X	0	1.5
110	OVP1	Z	7.707	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	0	1.5
113	OVP2	Z	7.707	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-5.972	1
2	MP3A	Z	10.344	1
3	MP3A	Mx	-.005	1
4	MP3A	X	-5.972	5
5	MP3A	Z	10.344	5
6	MP3A	Mx	-.005	5
7	MP3B	X	-4.794	1
8	MP3B	Z	8.303	1
9	MP3B	Mx	-.003	1
10	MP3B	X	-4.794	5
11	MP3B	Z	8.303	5
12	MP3B	Mx	-.003	5
13	MP3C	X	-5.421	1
14	MP3C	Z	9.389	1
15	MP3C	Mx	.009	1
16	MP3C	X	-5.421	5
17	MP3C	Z	9.389	5
18	MP3C	Mx	.009	5
19	MP3A	X	-5.972	1
20	MP3A	Z	10.344	1
21	MP3A	Mx	.011	1
22	MP3A	X	-5.972	5
23	MP3A	Z	10.344	5
24	MP3A	Mx	.011	5
25	MP3B	X	-4.794	1
26	MP3B	Z	8.303	1
27	MP3B	Mx	-.006	1
28	MP3B	X	-4.794	5
29	MP3B	Z	8.303	5
30	MP3B	Mx	-.006	5
31	MP3C	X	-5.421	1
32	MP3C	Z	9.389	1
33	MP3C	Mx	-.001	1
34	MP3C	X	-5.421	5
35	MP3C	Z	9.389	5
36	MP3C	Mx	-.001	5
37	MP2A	X	-2.119	2
38	MP2A	Z	3.67	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.119	4
41	MP2A	Z	3.67	4
42	MP2A	Mx	.001	4
43	MP2B	X	-.923	2
44	MP2B	Z	1.599	2
45	MP2B	Mx	-.000909	2
46	MP2B	X	-.923	4
47	MP2B	Z	1.599	4
48	MP2B	Mx	-.000909	4
49	MP2C	X	-1.559	2
50	MP2C	Z	2.701	2
51	MP2C	Mx	.001	2
52	MP2C	X	-1.559	4
53	MP2C	Z	2.701	4
54	MP2C	Mx	.001	4
55	MP3A	X	-2.218	1.75
56	MP3A	Z	3.841	1.75
57	MP3A	Mx	-.001	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-1.641	1.75
59	MP3B	Z	2.841	1.75
60	MP3B	Mx	.002	1.75
61	MP3C	X	-1.948	1.75
62	MP3C	Z	3.373	1.75
63	MP3C	Mx	-.001	1.75
64	MP4A	X	-2.181	1.75
65	MP4A	Z	3.778	1.75
66	MP4A	Mx	-.001	1.75
67	MP4B	X	-1.499	1.75
68	MP4B	Z	2.597	1.75
69	MP4B	Mx	.001	1.75
70	MP4C	X	-1.862	1.75
71	MP4C	Z	3.225	1.75
72	MP4C	Mx	-.001	1.75
73	MP1C	X	-6.041	1
74	MP1C	Z	10.463	1
75	MP1C	Mx	.003	1
76	MP1C	X	-6.041	5
77	MP1C	Z	10.463	5
78	MP1C	Mx	.003	5
79	MP5C	X	-6.041	1
80	MP5C	Z	10.463	1
81	MP5C	Mx	.003	1
82	MP5C	X	-6.041	5
83	MP5C	Z	10.463	5
84	MP5C	Mx	.003	5
85	MP1A	X	-3.494	1
86	MP1A	Z	6.052	1
87	MP1A	Mx	.002	1
88	MP1A	X	-3.494	5
89	MP1A	Z	6.052	5
90	MP1A	Mx	.002	5
91	MP1B	X	-5.579	1
92	MP1B	Z	9.662	1
93	MP1B	Mx	-.006	1
94	MP1B	X	-5.579	5
95	MP1B	Z	9.662	5
96	MP1B	Mx	-.006	5
97	MP5A	X	-3.494	1
98	MP5A	Z	6.052	1
99	MP5A	Mx	.002	1
100	MP5A	X	-3.494	5
101	MP5A	Z	6.052	5
102	MP5A	Mx	.002	5
103	MP5B	X	-5.579	1
104	MP5B	Z	9.662	1
105	MP5B	Mx	-.006	1
106	MP5B	X	-5.579	5
107	MP5B	Z	9.662	5
108	MP5B	Mx	-.006	5
109	OVP1	X	-3.362	1.5
110	OVP1	Z	5.823	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-3.362	1.5
113	OVP2	Z	5.823	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.926	1
2	MP3A	Z	5.154	1
3	MP3A	Mx	.000598	1
4	MP3A	X	-8.926	5
5	MP3A	Z	5.154	5
6	MP3A	Mx	.000598	5
7	MP3B	X	-8.549	1
8	MP3B	Z	4.936	1
9	MP3B	Mx	-.007	1
10	MP3B	X	-8.549	5
11	MP3B	Z	4.936	5
12	MP3B	Mx	-.007	5
13	MP3C	X	-10.721	1
14	MP3C	Z	6.19	1
15	MP3C	Mx	.011	1
16	MP3C	X	-10.721	5
17	MP3C	Z	6.19	5
18	MP3C	Mx	.011	5
19	MP3A	X	-8.926	1
20	MP3A	Z	5.154	1
21	MP3A	Mx	.008	1
22	MP3A	X	-8.926	5
23	MP3A	Z	5.154	5
24	MP3A	Mx	.008	5
25	MP3B	X	-8.549	1
26	MP3B	Z	4.936	1
27	MP3B	Mx	-.002	1
28	MP3B	X	-8.549	5
29	MP3B	Z	4.936	5
30	MP3B	Mx	-.002	5
31	MP3C	X	-10.721	1
32	MP3C	Z	6.19	1
33	MP3C	Mx	-.007	1
34	MP3C	X	-10.721	5
35	MP3C	Z	6.19	5
36	MP3C	Mx	-.007	5
37	MP2A	X	-2.231	2
38	MP2A	Z	1.288	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.231	4
41	MP2A	Z	1.288	4
42	MP2A	Mx	.001	4
43	MP2B	X	-1.848	2
44	MP2B	Z	1.067	2
45	MP2B	Mx	-.001	2
46	MP2B	X	-1.848	4
47	MP2B	Z	1.067	4
48	MP2B	Mx	-.001	4
49	MP2C	X	-4.053	2
50	MP2C	Z	2.34	2
51	MP2C	Mx	.0008	2
52	MP2C	X	-4.053	4
53	MP2C	Z	2.34	4
54	MP2C	Mx	.0008	4
55	MP3A	X	-3.147	1.75
56	MP3A	Z	1.817	1.75
57	MP3A	Mx	-.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-2.962	1.75
59	MP3B	Z	1.71	1.75
60	MP3B	Mx	.002	1.75
61	MP3C	X	-4.026	1.75
62	MP3C	Z	2.324	1.75
63	MP3C	Mx	-.000795	1.75
64	MP4A	X	-2.958	1.75
65	MP4A	Z	1.708	1.75
66	MP4A	Mx	-.001	1.75
67	MP4B	X	-2.74	1.75
68	MP4B	Z	1.582	1.75
69	MP4B	Mx	.001	1.75
70	MP4C	X	-3.996	1.75
71	MP4C	Z	2.307	1.75
72	MP4C	Mx	-.000789	1.75
73	MP1C	X	-10.75	1
74	MP1C	Z	6.207	1
75	MP1C	Mx	0	1
76	MP1C	X	-10.75	5
77	MP1C	Z	6.207	5
78	MP1C	Mx	0	5
79	MP5C	X	-10.75	1
80	MP5C	Z	6.207	1
81	MP5C	Mx	0	1
82	MP5C	X	-10.75	5
83	MP5C	Z	6.207	5
84	MP5C	Mx	0	5
85	MP1A	X	-8.459	1
86	MP1A	Z	4.884	1
87	MP1A	Mx	.004	1
88	MP1A	X	-8.459	5
89	MP1A	Z	4.884	5
90	MP1A	Mx	.004	5
91	MP1B	X	-8.459	1
92	MP1B	Z	4.884	1
93	MP1B	Mx	-.004	1
94	MP1B	X	-8.459	5
95	MP1B	Z	4.884	5
96	MP1B	Mx	-.004	5
97	MP5A	X	-8.459	1
98	MP5A	Z	4.884	1
99	MP5A	Mx	.004	1
100	MP5A	X	-8.459	5
101	MP5A	Z	4.884	5
102	MP5A	Mx	.004	5
103	MP5B	X	-8.459	1
104	MP5B	Z	4.884	1
105	MP5B	Mx	-.004	1
106	MP5B	X	-8.459	5
107	MP5B	Z	4.884	5
108	MP5B	Mx	-.004	5
109	OVP1	X	-5.398	1.5
110	OVP1	Z	3.116	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-5.398	1.5
113	OVP2	Z	3.116	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.489	1
2	MP3A	Z	0	1
3	MP3A	Mx	.005	1
4	MP3A	X	-9.489	5
5	MP3A	Z	0	5
6	MP3A	Mx	.005	5
7	MP3B	X	-11.41	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.01	1
10	MP3B	X	-11.41	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.01	5
13	MP3C	X	-12.664	1
14	MP3C	Z	0	1
15	MP3C	Mx	.008	1
16	MP3C	X	-12.664	5
17	MP3C	Z	0	5
18	MP3C	Mx	.008	5
19	MP3A	X	-9.489	1
20	MP3A	Z	0	1
21	MP3A	Mx	.005	1
22	MP3A	X	-9.489	5
23	MP3A	Z	0	5
24	MP3A	Mx	.005	5
25	MP3B	X	-11.41	1
26	MP3B	Z	0	1
27	MP3B	Mx	.003	1
28	MP3B	X	-11.41	5
29	MP3B	Z	0	5
30	MP3B	Mx	.003	5
31	MP3C	X	-12.664	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.01	1
34	MP3C	X	-12.664	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.01	5
37	MP2A	X	-1.746	2
38	MP2A	Z	0	2
39	MP2A	Mx	.000873	2
40	MP2A	X	-1.746	4
41	MP2A	Z	0	4
42	MP2A	Mx	.000873	4
43	MP2B	X	-3.696	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.001	2
46	MP2B	X	-3.696	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.001	4
49	MP2C	X	-4.969	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.000431	2
52	MP2C	X	-4.969	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.000431	4
55	MP3A	X	-3.233	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	-.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-4.174	1.75
59	MP3B	Z	0	1.75
60	MP3B	Mx	.001	1.75
61	MP3C	X	-4.788	1.75
62	MP3C	Z	0	1.75
63	MP3C	Mx	.000416	1.75
64	MP4A	X	-2.942	1.75
65	MP4A	Z	0	1.75
66	MP4A	Mx	-.001	1.75
67	MP4B	X	-4.053	1.75
68	MP4B	Z	0	1.75
69	MP4B	Mx	.001	1.75
70	MP4C	X	-4.779	1.75
71	MP4C	Z	0	1.75
72	MP4C	Mx	.000415	1.75
73	MP1C	X	-12.082	1
74	MP1C	Z	0	1
75	MP1C	Mx	-.003	1
76	MP1C	X	-12.082	5
77	MP1C	Z	0	5
78	MP1C	Mx	-.003	5
79	MP5C	X	-12.082	1
80	MP5C	Z	0	1
81	MP5C	Mx	-.003	1
82	MP5C	X	-12.082	5
83	MP5C	Z	0	5
84	MP5C	Mx	-.003	5
85	MP1A	X	-11.157	1
86	MP1A	Z	0	1
87	MP1A	Mx	.006	1
88	MP1A	X	-11.157	5
89	MP1A	Z	0	5
90	MP1A	Mx	.006	5
91	MP1B	X	-6.989	1
92	MP1B	Z	0	1
93	MP1B	Mx	-.002	1
94	MP1B	X	-6.989	5
95	MP1B	Z	0	5
96	MP1B	Mx	-.002	5
97	MP5A	X	-11.157	1
98	MP5A	Z	0	1
99	MP5A	Mx	.006	1
100	MP5A	X	-11.157	5
101	MP5A	Z	0	5
102	MP5A	Mx	.006	5
103	MP5B	X	-6.989	1
104	MP5B	Z	0	1
105	MP5B	Mx	-.002	1
106	MP5B	X	-6.989	5
107	MP5B	Z	0	5
108	MP5B	Mx	-.002	5
109	OVP1	X	-6.724	1.5
110	OVP1	Z	0	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-6.724	1.5
113	OVP2	Z	0	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.926	1
2	MP3A	Z	-5.154	1
3	MP3A	Mx	.008	1
4	MP3A	X	-8.926	5
5	MP3A	Z	-5.154	5
6	MP3A	Mx	.008	5
7	MP3B	X	-10.967	1
8	MP3B	Z	-6.332	1
9	MP3B	Mx	-.01	1
10	MP3B	X	-10.967	5
11	MP3B	Z	-6.332	5
12	MP3B	Mx	-.01	5
13	MP3C	X	-9.881	1
14	MP3C	Z	-5.705	1
15	MP3C	Mx	.003	1
16	MP3C	X	-9.881	5
17	MP3C	Z	-5.705	5
18	MP3C	Mx	.003	5
19	MP3A	X	-8.926	1
20	MP3A	Z	-5.154	1
21	MP3A	Mx	.000598	1
22	MP3A	X	-8.926	5
23	MP3A	Z	-5.154	5
24	MP3A	Mx	.000598	5
25	MP3B	X	-10.967	1
26	MP3B	Z	-6.332	1
27	MP3B	Mx	.008	1
28	MP3B	X	-10.967	5
29	MP3B	Z	-6.332	5
30	MP3B	Mx	.008	5
31	MP3C	X	-9.881	1
32	MP3C	Z	-5.705	1
33	MP3C	Mx	-.01	1
34	MP3C	X	-9.881	5
35	MP3C	Z	-5.705	5
36	MP3C	Mx	-.01	5
37	MP2A	X	-2.231	2
38	MP2A	Z	-1.288	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.231	4
41	MP2A	Z	-1.288	4
42	MP2A	Mx	.001	4
43	MP2B	X	-4.303	2
44	MP2B	Z	-2.484	2
45	MP2B	Mx	-.000432	2
46	MP2B	X	-4.303	4
47	MP2B	Z	-2.484	4
48	MP2B	Mx	-.000432	4
49	MP2C	X	-3.201	2
50	MP2C	Z	-1.848	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-3.201	4
53	MP2C	Z	-1.848	4
54	MP2C	Mx	-.001	4
55	MP3A	X	-3.147	1.75
56	MP3A	Z	-1.817	1.75
57	MP3A	Mx	-.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-4.146	1.75
59	MP3B	Z	-2.394	1.75
60	MP3B	Mx	.000416	1.75
61	MP3C	X	-3.614	1.75
62	MP3C	Z	-2.087	1.75
63	MP3C	Mx	.001	1.75
64	MP4A	X	-2.958	1.75
65	MP4A	Z	-1.708	1.75
66	MP4A	Mx	-.001	1.75
67	MP4B	X	-4.139	1.75
68	MP4B	Z	-2.39	1.75
69	MP4B	Mx	.000415	1.75
70	MP4C	X	-3.51	1.75
71	MP4C	Z	-2.027	1.75
72	MP4C	Mx	.001	1.75
73	MP1C	X	-9.889	1
74	MP1C	Z	-5.71	1
75	MP1C	Mx	-.005	1
76	MP1C	X	-9.889	5
77	MP1C	Z	-5.71	5
78	MP1C	Mx	-.005	5
79	MP5C	X	-9.889	1
80	MP5C	Z	-5.71	1
81	MP5C	Mx	-.005	1
82	MP5C	X	-9.889	5
83	MP5C	Z	-5.71	5
84	MP5C	Mx	-.005	5
85	MP1A	X	-8.459	1
86	MP1A	Z	-4.884	1
87	MP1A	Mx	.004	1
88	MP1A	X	-8.459	5
89	MP1A	Z	-4.884	5
90	MP1A	Mx	.004	5
91	MP1B	X	-4.849	1
92	MP1B	Z	-2.8	1
93	MP1B	Mx	0	1
94	MP1B	X	-4.849	5
95	MP1B	Z	-2.8	5
96	MP1B	Mx	0	5
97	MP5A	X	-8.459	1
98	MP5A	Z	-4.884	1
99	MP5A	Mx	.004	1
100	MP5A	X	-8.459	5
101	MP5A	Z	-4.884	5
102	MP5A	Mx	.004	5
103	MP5B	X	-4.849	1
104	MP5B	Z	-2.8	1
105	MP5B	Mx	0	1
106	MP5B	X	-4.849	5
107	MP5B	Z	-2.8	5
108	MP5B	Mx	0	5
109	OVP1	X	-6.674	1.5
110	OVP1	Z	-3.853	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-6.674	1.5
113	OVP2	Z	-3.853	1.5
114	OVP2	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-5.972	1
2	MP3A	Z	-10.344	1
3	MP3A	Mx	.011	1
4	MP3A	X	-5.972	5
5	MP3A	Z	-10.344	5
6	MP3A	Mx	.011	5
7	MP3B	X	-6.19	1
8	MP3B	Z	-10.721	1
9	MP3B	Mx	-.007	1
10	MP3B	X	-6.19	5
11	MP3B	Z	-10.721	5
12	MP3B	Mx	-.007	5
13	MP3C	X	-4.936	1
14	MP3C	Z	-8.549	1
15	MP3C	Mx	-.002	1
16	MP3C	X	-4.936	5
17	MP3C	Z	-8.549	5
18	MP3C	Mx	-.002	5
19	MP3A	X	-5.972	1
20	MP3A	Z	-10.344	1
21	MP3A	Mx	-.005	1
22	MP3A	X	-5.972	5
23	MP3A	Z	-10.344	5
24	MP3A	Mx	-.005	5
25	MP3B	X	-6.19	1
26	MP3B	Z	-10.721	1
27	MP3B	Mx	.011	1
28	MP3B	X	-6.19	5
29	MP3B	Z	-10.721	5
30	MP3B	Mx	.011	5
31	MP3C	X	-4.936	1
32	MP3C	Z	-8.549	1
33	MP3C	Mx	-.007	1
34	MP3C	X	-4.936	5
35	MP3C	Z	-8.549	5
36	MP3C	Mx	-.007	5
37	MP2A	X	-2.119	2
38	MP2A	Z	-3.67	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.119	4
41	MP2A	Z	-3.67	4
42	MP2A	Mx	.001	4
43	MP2B	X	-2.34	2
44	MP2B	Z	-4.053	2
45	MP2B	Mx	.0008	2
46	MP2B	X	-2.34	4
47	MP2B	Z	-4.053	4
48	MP2B	Mx	.0008	4
49	MP2C	X	-1.067	2
50	MP2C	Z	-1.848	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-1.067	4
53	MP2C	Z	-1.848	4
54	MP2C	Mx	-.001	4
55	MP3A	X	-2.218	1.75
56	MP3A	Z	-3.841	1.75
57	MP3A	Mx	-.001	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-2.324	1.75
59	MP3B	Z	-4.026	1.75
60	MP3B	Mx	-.000795	1.75
61	MP3C	X	-1.71	1.75
62	MP3C	Z	-2.962	1.75
63	MP3C	Mx	.002	1.75
64	MP4A	X	-2.181	1.75
65	MP4A	Z	-3.778	1.75
66	MP4A	Mx	-.001	1.75
67	MP4B	X	-2.307	1.75
68	MP4B	Z	-3.996	1.75
69	MP4B	Mx	-.000789	1.75
70	MP4C	X	-1.582	1.75
71	MP4C	Z	-2.74	1.75
72	MP4C	Mx	.001	1.75
73	MP1C	X	-5.544	1
74	MP1C	Z	-9.602	1
75	MP1C	Mx	-.006	1
76	MP1C	X	-5.544	5
77	MP1C	Z	-9.602	5
78	MP1C	Mx	-.006	5
79	MP5C	X	-5.544	1
80	MP5C	Z	-9.602	1
81	MP5C	Mx	-.006	1
82	MP5C	X	-5.544	5
83	MP5C	Z	-9.602	5
84	MP5C	Mx	-.006	5
85	MP1A	X	-3.494	1
86	MP1A	Z	-6.052	1
87	MP1A	Mx	.002	1
88	MP1A	X	-3.494	5
89	MP1A	Z	-6.052	5
90	MP1A	Mx	.002	5
91	MP1B	X	-3.494	1
92	MP1B	Z	-6.052	1
93	MP1B	Mx	.002	1
94	MP1B	X	-3.494	5
95	MP1B	Z	-6.052	5
96	MP1B	Mx	.002	5
97	MP5A	X	-3.494	1
98	MP5A	Z	-6.052	1
99	MP5A	Mx	.002	1
100	MP5A	X	-3.494	5
101	MP5A	Z	-6.052	5
102	MP5A	Mx	.002	5
103	MP5B	X	-3.494	1
104	MP5B	Z	-6.052	1
105	MP5B	Mx	.002	1
106	MP5B	X	-3.494	5
107	MP5B	Z	-6.052	5
108	MP5B	Mx	.002	5
109	OVP1	X	-4.099	1.5
110	OVP1	Z	-7.1	1.5
111	OVP1	Mx	0	1.5
112	OVP2	X	-4.099	1.5
113	OVP2	Z	-7.1	1.5
114	OVP2	Mx	0	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE2	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE1	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-1.011	1
2	MP3A	My	-.000505	1
3	MP3A	Mz	-.000758	1
4	MP3A	Y	-1.011	5
5	MP3A	My	-.000505	5
6	MP3A	Mz	-.000758	5
7	MP3B	Y	-1.011	1
8	MP3B	My	.000906	1
9	MP3B	Mz	.0001	1
10	MP3B	Y	-1.011	5
11	MP3B	My	.000906	5
12	MP3B	Mz	.0001	5
13	MP3C	Y	-1.011	1
14	MP3C	My	-.000659	1
15	MP3C	Mz	.000629	1
16	MP3C	Y	-1.011	5
17	MP3C	My	-.000659	5
18	MP3C	Mz	.000629	5
19	MP3A	Y	-1.011	1
20	MP3A	My	-.000505	1
21	MP3A	Mz	.000758	1
22	MP3A	Y	-1.011	5
23	MP3A	My	-.000505	5
24	MP3A	Mz	.000758	5
25	MP3B	Y	-1.011	1
26	MP3B	My	-.000256	1
27	MP3B	Mz	-.000874	1
28	MP3B	Y	-1.011	5
29	MP3B	My	-.000256	5
30	MP3B	Mz	-.000874	5
31	MP3C	Y	-1.011	1
32	MP3C	My	.000834	1
33	MP3C	Mz	.000366	1
34	MP3C	Y	-1.011	5
35	MP3C	My	.000834	5
36	MP3C	Mz	.000366	5
37	MP2A	Y	-1.914	2
38	MP2A	My	-.000957	2
39	MP2A	Mz	0	2

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP2A	Y	-1.914	4
41	MP2A	My	-.000957	4
42	MP2A	Mz	0	4
43	MP2B	Y	-1.914	2
44	MP2B	My	.000615	2
45	MP2B	Mz	-.000733	2
46	MP2B	Y	-1.914	4
47	MP2B	My	.000615	4
48	MP2B	Mz	-.000733	4
49	MP2C	Y	-1.914	2
50	MP2C	My	.000166	2
51	MP2C	Mz	.000942	2
52	MP2C	Y	-1.914	4
53	MP2C	My	.000166	4
54	MP2C	Mz	.000942	4
55	MP3A	Y	-3.283	1.75
56	MP3A	My	.002	1.75
57	MP3A	Mz	0	1.75
58	MP3B	Y	-3.283	1.75
59	MP3B	My	-.001	1.75
60	MP3B	Mz	.001	1.75
61	MP3C	Y	-3.283	1.75
62	MP3C	My	-.000285	1.75
63	MP3C	Mz	-.002	1.75
64	MP4A	Y	-3.089	1.75
65	MP4A	My	.002	1.75
66	MP4A	Mz	0	1.75
67	MP4B	Y	-3.089	1.75
68	MP4B	My	-.000993	1.75
69	MP4B	Mz	.001	1.75
70	MP4C	Y	-3.089	1.75
71	MP4C	My	-.000268	1.75
72	MP4C	Mz	-.002	1.75
73	MP1C	Y	-.593	1
74	MP1C	My	.000148	1
75	MP1C	Mz	.000257	1
76	MP1C	Y	-.593	5
77	MP1C	My	.000148	5
78	MP1C	Mz	.000257	5
79	MP5C	Y	-.593	1
80	MP5C	My	.000148	1
81	MP5C	Mz	.000257	1
82	MP5C	Y	-.593	5
83	MP5C	My	.000148	5
84	MP5C	Mz	.000257	5
85	MP1A	Y	-.461	1
86	MP1A	My	-.000231	1
87	MP1A	Mz	0	1
88	MP1A	Y	-.461	5
89	MP1A	My	-.000231	5
90	MP1A	Mz	0	5
91	MP1B	Y	-.461	1
92	MP1B	My	.000115	1
93	MP1B	Mz	-.0002	1
94	MP1B	Y	-.461	5
95	MP1B	My	.000115	5
96	MP1B	Mz	-.0002	5

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP5A	Y	-.461	1
98	MP5A	My	-.000231	1
99	MP5A	Mz	0	1
100	MP5A	Y	-.461	5
101	MP5A	My	-.000231	5
102	MP5A	Mz	0	5
103	MP5B	Y	-.461	1
104	MP5B	My	.000115	1
105	MP5B	Mz	-.0002	1
106	MP5B	Y	-.461	5
107	MP5B	My	.000115	5
108	MP5B	Mz	-.0002	5
109	OVP1	Y	-1.406	1.5
110	OVP1	My	0	1.5
111	OVP1	Mz	0	1.5
112	OVP2	Y	-1.406	1.5
113	OVP2	My	0	1.5
114	OVP2	Mz	0	1.5

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-2.527	1
2	MP3A	Mx	.002	1
3	MP3A	Z	-2.527	5
4	MP3A	Mx	.002	5
5	MP3B	Z	-2.527	1
6	MP3B	Mx	-.00025	1
7	MP3B	Z	-2.527	5
8	MP3B	Mx	-.00025	5
9	MP3C	Z	-2.527	1
10	MP3C	Mx	-.002	1
11	MP3C	Z	-2.527	5
12	MP3C	Mx	-.002	5
13	MP3A	Z	-2.527	1
14	MP3A	Mx	-.002	1
15	MP3A	Z	-2.527	5
16	MP3A	Mx	-.002	5
17	MP3B	Z	-2.527	1
18	MP3B	Mx	.002	1
19	MP3B	Z	-2.527	5
20	MP3B	Mx	.002	5
21	MP3C	Z	-2.527	1
22	MP3C	Mx	-.000915	1
23	MP3C	Z	-2.527	5
24	MP3C	Mx	-.000915	5
25	MP2A	Z	-4.785	2
26	MP2A	Mx	0	2
27	MP2A	Z	-4.785	4
28	MP2A	Mx	0	4
29	MP2B	Z	-4.785	2
30	MP2B	Mx	.002	2
31	MP2B	Z	-4.785	4
32	MP2B	Mx	.002	4
33	MP2C	Z	-4.785	2
34	MP2C	Mx	-.002	2
35	MP2C	Z	-4.785	4

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.002	4
37	MP3A	Z	-8.207	1.75
38	MP3A	Mx	0	1.75
39	MP3B	Z	-8.207	1.75
40	MP3B	Mx	-.003	1.75
41	MP3C	Z	-8.207	1.75
42	MP3C	Mx	.004	1.75
43	MP4A	Z	-7.724	1.75
44	MP4A	Mx	0	1.75
45	MP4B	Z	-7.724	1.75
46	MP4B	Mx	-.003	1.75
47	MP4C	Z	-7.724	1.75
48	MP4C	Mx	.004	1.75
49	MP1C	Z	-1.483	1
50	MP1C	Mx	-.000642	1
51	MP1C	Z	-1.483	5
52	MP1C	Mx	-.000642	5
53	MP5C	Z	-1.483	1
54	MP5C	Mx	-.000642	1
55	MP5C	Z	-1.483	5
56	MP5C	Mx	-.000642	5
57	MP1A	Z	-1.154	1
58	MP1A	Mx	0	1
59	MP1A	Z	-1.154	5
60	MP1A	Mx	0	5
61	MP1B	Z	-1.154	1
62	MP1B	Mx	.0005	1
63	MP1B	Z	-1.154	5
64	MP1B	Mx	.0005	5
65	MP5A	Z	-1.154	1
66	MP5A	Mx	0	1
67	MP5A	Z	-1.154	5
68	MP5A	Mx	0	5
69	MP5B	Z	-1.154	1
70	MP5B	Mx	.0005	1
71	MP5B	Z	-1.154	5
72	MP5B	Mx	.0005	5
73	OVP1	Z	-3.516	1.5
74	OVP1	Mx	0	1.5
75	OVP2	Z	-3.516	1.5
76	OVP2	Mx	0	1.5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.527	1
2	MP3A	Mx	-.001	1
3	MP3A	X	2.527	5
4	MP3A	Mx	-.001	5
5	MP3B	X	2.527	1
6	MP3B	Mx	.002	1
7	MP3B	X	2.527	5
8	MP3B	Mx	.002	5
9	MP3C	X	2.527	1
10	MP3C	Mx	-.002	1
11	MP3C	X	2.527	5
12	MP3C	Mx	-.002	5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3A	X	2.527	1
14	MP3A	Mx	-.001	1
15	MP3A	X	2.527	5
16	MP3A	Mx	-.001	5
17	MP3B	X	2.527	1
18	MP3B	Mx	-.00064	1
19	MP3B	X	2.527	5
20	MP3B	Mx	-.00064	5
21	MP3C	X	2.527	1
22	MP3C	Mx	.002	1
23	MP3C	X	2.527	5
24	MP3C	Mx	.002	5
25	MP2A	X	4.785	2
26	MP2A	Mx	-.002	2
27	MP2A	X	4.785	4
28	MP2A	Mx	-.002	4
29	MP2B	X	4.785	2
30	MP2B	Mx	.002	2
31	MP2B	X	4.785	4
32	MP2B	Mx	.002	4
33	MP2C	X	4.785	2
34	MP2C	Mx	.000415	2
35	MP2C	X	4.785	4
36	MP2C	Mx	.000415	4
37	MP3A	X	8.207	1.75
38	MP3A	Mx	.004	1.75
39	MP3B	X	8.207	1.75
40	MP3B	Mx	-.003	1.75
41	MP3C	X	8.207	1.75
42	MP3C	Mx	-.000713	1.75
43	MP4A	X	7.724	1.75
44	MP4A	Mx	.004	1.75
45	MP4B	X	7.724	1.75
46	MP4B	Mx	-.002	1.75
47	MP4C	X	7.724	1.75
48	MP4C	Mx	-.000671	1.75
49	MP1C	X	1.483	1
50	MP1C	Mx	.000371	1
51	MP1C	X	1.483	5
52	MP1C	Mx	.000371	5
53	MP5C	X	1.483	1
54	MP5C	Mx	.000371	1
55	MP5C	X	1.483	5
56	MP5C	Mx	.000371	5
57	MP1A	X	1.154	1
58	MP1A	Mx	-.000577	1
59	MP1A	X	1.154	5
60	MP1A	Mx	-.000577	5
61	MP1B	X	1.154	1
62	MP1B	Mx	.000288	1
63	MP1B	X	1.154	5
64	MP1B	Mx	.000288	5
65	MP5A	X	1.154	1
66	MP5A	Mx	-.000577	1
67	MP5A	X	1.154	5
68	MP5A	Mx	-.000577	5
69	MP5B	X	1.154	1

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP5B	Mx	.000288	1
71	MP5B	X	1.154	5
72	MP5B	Mx	.000288	5
73	OVP1	X	3.516	1.5
74	OVP1	Mx	0	1.5
75	OVP2	X	3.516	1.5
76	OVP2	Mx	0	1.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.436	-9.436	0	%100
2	M2	Y	-10.418	-10.418	0	%100
3	M5	Y	-9.913	-9.913	0	%100
4	M6	Y	-9.913	-9.913	0	%100
5	M7	Y	-9.913	-9.913	0	%100
6	M6A	Y	-7.472	-7.472	0	%100
7	FACE	Y	-7.472	-7.472	0	%100
8	M8	Y	-4.878	-4.878	0	%100
9	MP1A	Y	-4.878	-4.878	0	%100
10	M23A	Y	-7.472	-7.472	0	%100
11	M24	Y	-7.472	-7.472	0	%100
12	M38	Y	-9.436	-9.436	0	%100
13	M39A	Y	-7.472	-7.472	0	%100
14	M40	Y	-7.472	-7.472	0	%100
15	M54	Y	-9.436	-9.436	0	%100
16	M55	Y	-10.418	-10.418	0	%100
17	M56	Y	-10.418	-10.418	0	%100
18	OVP1	Y	-4.878	-4.878	0	%100
19	OVP2	Y	-4.878	-4.878	0	%100
20	M24A	Y	-4.878	-4.878	0	%100
21	M25	Y	-4.878	-4.878	0	%100
22	M32	Y	-6.49	-6.49	0	%100
23	M36	Y	-6.49	-6.49	0	%100
24	M40A	Y	-6.49	-6.49	0	%100
25	MP2A	Y	-4.878	-4.878	0	%100
26	MP3A	Y	-5.572	-5.572	0	%100
27	MP4A	Y	-4.878	-4.878	0	%100
28	MP5A	Y	-4.878	-4.878	0	%100
29	MP1C	Y	-4.878	-4.878	0	%100
30	MP2C	Y	-4.878	-4.878	0	%100
31	MP3C	Y	-5.572	-5.572	0	%100
32	MP4C	Y	-4.878	-4.878	0	%100
33	MP5C	Y	-4.878	-4.878	0	%100
34	MP1B	Y	-4.878	-4.878	0	%100
35	MP2B	Y	-4.878	-4.878	0	%100
36	MP3B	Y	-5.572	-5.572	0	%100
37	MP4B	Y	-4.878	-4.878	0	%100
38	MP5B	Y	-4.878	-4.878	0	%100
39	M77	Y	-9.044	-9.044	0	%100
40	M78	Y	-9.044	-9.044	0	%100
41	M79	Y	-9.044	-9.044	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-13.189	-13.189	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-13.189	-13.189	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-20.689	-20.689	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	-20.689	-20.689	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-9.827	-9.827	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-9.827	-9.827	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	-5.172	-5.172	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	-5.172	-5.172	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	-8.868	-8.868	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	-5.172	-5.172	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	-5.172	-5.172	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	-8.868	-8.868	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	-10.258	-10.258	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	-10.258	-10.258	0	%100
35	OVP1	X	0	0	0	%100
36	OVP1	Z	-8.036	-8.036	0	%100
37	OVP2	X	0	0	0	%100
38	OVP2	Z	-8.036	-8.036	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	-2.457	-2.457	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-2.457	-2.457	0	%100
43	M32	X	0	0	0	%100
44	M32	Z	-4.171	-4.171	0	%100
45	M36	X	0	0	0	%100
46	M36	Z	-1.569	-1.569	0	%100
47	M40A	X	0	0	0	%100
48	M40A	Z	-10.856	-10.856	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-9.827	-9.827	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	-11.896	-11.896	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	-9.827	-9.827	0	%100
55	MP5A	X	0	0	0	%100
56	MP5A	Z	-9.827	-9.827	0	%100
57	MP1C	X	0	0	0	%100
58	MP1C	Z	-9.827	-9.827	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-9.827	-9.827	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	-11.896	-11.896	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-9.827	-9.827	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	-9.827	-9.827	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-9.827	-9.827	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-9.827	-9.827	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-11.896	-11.896	0	%100
73	MP4B	X	0	0	0	%100
74	MP4B	Z	-9.827	-9.827	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-9.827	-9.827	0	%100
77	M77	X	0	0	0	%100
78	M77	Z	-9.369	-9.369	0	%100
79	M78	X	0	0	0	%100
80	M78	Z	-15.273	-15.273	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-15.273	-15.273	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.478	1.478	0	%100
2	M1	Z	-2.56	-2.56	0	%100
3	M2	X	1.71	1.71	0	%100
4	M2	Z	-2.961	-2.961	0	%100
5	M5	X	2.198	2.198	0	%100
6	M5	Z	-3.807	-3.807	0	%100
7	M6	X	2.198	2.198	0	%100
8	M6	Z	-3.807	-3.807	0	%100
9	M7	X	8.793	8.793	0	%100
10	M7	Z	-15.23	-15.23	0	%100
11	M6A	X	7.758	7.758	0	%100
12	M6A	Z	-13.438	-13.438	0	%100
13	FACE	X	7.758	7.758	0	%100
14	FACE	Z	-13.438	-13.438	0	%100
15	M8	X	3.685	3.685	0	%100
16	M8	Z	-6.383	-6.383	0	%100
17	MP1A	X	4.914	4.914	0	%100
18	MP1A	Z	-8.511	-8.511	0	%100
19	M23A	X	7.758	7.758	0	%100
20	M23A	Z	-13.438	-13.438	0	%100
21	M24	X	7.758	7.758	0	%100
22	M24	Z	-13.438	-13.438	0	%100
23	M38	X	1.478	1.478	0	%100
24	M38	Z	-2.56	-2.56	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	0	0	0	%100
29	M54	X	5.912	5.912	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
30	M54	Z	-10.24	-10.24	0	%100
31	M55	X	1.71	1.71	0	%100
32	M55	Z	-2.961	-2.961	0	%100
33	M56	X	6.839	6.839	0	%100
34	M56	Z	-11.845	-11.845	0	%100
35	OVP1	X	4.018	4.018	0	%100
36	OVP1	Z	-6.96	-6.96	0	%100
37	OVP2	X	4.018	4.018	0	%100
38	OVP2	Z	-6.96	-6.96	0	%100
39	M24A	X	3.685	3.685	0	%100
40	M24A	Z	-6.383	-6.383	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	4.747	4.747	0	%100
44	M32	Z	-8.223	-8.223	0	%100
45	M36	X	.104	.104	0	%100
46	M36	Z	-.18	-.18	0	%100
47	M40A	X	3.446	3.446	0	%100
48	M40A	Z	-5.969	-5.969	0	%100
49	MP2A	X	4.914	4.914	0	%100
50	MP2A	Z	-8.511	-8.511	0	%100
51	MP3A	X	5.948	5.948	0	%100
52	MP3A	Z	-10.303	-10.303	0	%100
53	MP4A	X	4.914	4.914	0	%100
54	MP4A	Z	-8.511	-8.511	0	%100
55	MP5A	X	4.914	4.914	0	%100
56	MP5A	Z	-8.511	-8.511	0	%100
57	MP1C	X	4.914	4.914	0	%100
58	MP1C	Z	-8.511	-8.511	0	%100
59	MP2C	X	4.914	4.914	0	%100
60	MP2C	Z	-8.511	-8.511	0	%100
61	MP3C	X	5.948	5.948	0	%100
62	MP3C	Z	-10.303	-10.303	0	%100
63	MP4C	X	4.914	4.914	0	%100
64	MP4C	Z	-8.511	-8.511	0	%100
65	MP5C	X	4.914	4.914	0	%100
66	MP5C	Z	-8.511	-8.511	0	%100
67	MP1B	X	4.914	4.914	0	%100
68	MP1B	Z	-8.511	-8.511	0	%100
69	MP2B	X	4.914	4.914	0	%100
70	MP2B	Z	-8.511	-8.511	0	%100
71	MP3B	X	5.948	5.948	0	%100
72	MP3B	Z	-10.303	-10.303	0	%100
73	MP4B	X	4.914	4.914	0	%100
74	MP4B	Z	-8.511	-8.511	0	%100
75	MP5B	X	4.914	4.914	0	%100
76	MP5B	Z	-8.511	-8.511	0	%100
77	M77	X	5.668	5.668	0	%100
78	M77	Z	-9.818	-9.818	0	%100
79	M78	X	5.668	5.668	0	%100
80	M78	Z	-9.818	-9.818	0	%100
81	M79	X	8.621	8.621	0	%100
82	M79	Z	-14.931	-14.931	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.68	7.68	0	%100
2	M1	Z	-4.434	-4.434	0	%100
3	M2	X	8.884	8.884	0	%100
4	M2	Z	-5.129	-5.129	0	%100
5	M5	X	11.422	11.422	0	%100
6	M5	Z	-6.595	-6.595	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	11.422	11.422	0	%100
10	M7	Z	-6.595	-6.595	0	%100
11	M6A	X	4.479	4.479	0	%100
12	M6A	Z	-2.586	-2.586	0	%100
13	FACE	X	4.479	4.479	0	%100
14	FACE	Z	-2.586	-2.586	0	%100
15	M8	X	2.128	2.128	0	%100
16	M8	Z	-1.228	-1.228	0	%100
17	MP1A	X	8.511	8.511	0	%100
18	MP1A	Z	-4.914	-4.914	0	%100
19	M23A	X	17.917	17.917	0	%100
20	M23A	Z	-10.345	-10.345	0	%100
21	M24	X	17.917	17.917	0	%100
22	M24	Z	-10.345	-10.345	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	4.479	4.479	0	%100
26	M39A	Z	-2.586	-2.586	0	%100
27	M40	X	4.479	4.479	0	%100
28	M40	Z	-2.586	-2.586	0	%100
29	M54	X	7.68	7.68	0	%100
30	M54	Z	-4.434	-4.434	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	8.884	8.884	0	%100
34	M56	Z	-5.129	-5.129	0	%100
35	OVP1	X	6.96	6.96	0	%100
36	OVP1	Z	-4.018	-4.018	0	%100
37	OVP2	X	6.96	6.96	0	%100
38	OVP2	Z	-4.018	-4.018	0	%100
39	M24A	X	8.511	8.511	0	%100
40	M24A	Z	-4.914	-4.914	0	%100
41	M25	X	2.128	2.128	0	%100
42	M25	Z	-1.228	-1.228	0	%100
43	M32	X	9.402	9.402	0	%100
44	M32	Z	-5.428	-5.428	0	%100
45	M36	X	3.612	3.612	0	%100
46	M36	Z	-2.085	-2.085	0	%100
47	M40A	X	1.359	1.359	0	%100
48	M40A	Z	-.784	-.784	0	%100
49	MP2A	X	8.511	8.511	0	%100
50	MP2A	Z	-4.914	-4.914	0	%100
51	MP3A	X	10.303	10.303	0	%100
52	MP3A	Z	-5.948	-5.948	0	%100
53	MP4A	X	8.511	8.511	0	%100
54	MP4A	Z	-4.914	-4.914	0	%100
55	MP5A	X	8.511	8.511	0	%100
56	MP5A	Z	-4.914	-4.914	0	%100
57	MP1C	X	8.511	8.511	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-4.914	-4.914	0	%100
59	MP2C	X	8.511	8.511	0	%100
60	MP2C	Z	-4.914	-4.914	0	%100
61	MP3C	X	10.303	10.303	0	%100
62	MP3C	Z	-5.948	-5.948	0	%100
63	MP4C	X	8.511	8.511	0	%100
64	MP4C	Z	-4.914	-4.914	0	%100
65	MP5C	X	8.511	8.511	0	%100
66	MP5C	Z	-4.914	-4.914	0	%100
67	MP1B	X	8.511	8.511	0	%100
68	MP1B	Z	-4.914	-4.914	0	%100
69	MP2B	X	8.511	8.511	0	%100
70	MP2B	Z	-4.914	-4.914	0	%100
71	MP3B	X	10.303	10.303	0	%100
72	MP3B	Z	-5.948	-5.948	0	%100
73	MP4B	X	8.511	8.511	0	%100
74	MP4B	Z	-4.914	-4.914	0	%100
75	MP5B	X	8.511	8.511	0	%100
76	MP5B	Z	-4.914	-4.914	0	%100
77	M77	X	13.227	13.227	0	%100
78	M77	Z	-7.637	-7.637	0	%100
79	M78	X	8.114	8.114	0	%100
80	M78	Z	-4.684	-4.684	0	%100
81	M79	X	13.227	13.227	0	%100
82	M79	Z	-7.637	-7.637	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	11.824	11.824	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	13.678	13.678	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	17.586	17.586	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	4.396	4.396	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	4.396	4.396	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	MP1A	X	9.827	9.827	0	%100
18	MP1A	Z	0	0	0	%100
19	M23A	X	15.517	15.517	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	15.517	15.517	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	2.956	2.956	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	15.517	15.517	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	15.517	15.517	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	2.956	2.956	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	3.419	3.419	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	3.419	3.419	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	8.036	8.036	0	%100
36	OVP1	Z	0	0	0	%100
37	OVP2	X	8.036	8.036	0	%100
38	OVP2	Z	0	0	0	%100
39	M24A	X	7.371	7.371	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	7.371	7.371	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	6.893	6.893	0	%100
44	M32	Z	0	0	0	%100
45	M36	X	9.495	9.495	0	%100
46	M36	Z	0	0	0	%100
47	M40A	X	.208	.208	0	%100
48	M40A	Z	0	0	0	%100
49	MP2A	X	9.827	9.827	0	%100
50	MP2A	Z	0	0	0	%100
51	MP3A	X	11.896	11.896	0	%100
52	MP3A	Z	0	0	0	%100
53	MP4A	X	9.827	9.827	0	%100
54	MP4A	Z	0	0	0	%100
55	MP5A	X	9.827	9.827	0	%100
56	MP5A	Z	0	0	0	%100
57	MP1C	X	9.827	9.827	0	%100
58	MP1C	Z	0	0	0	%100
59	MP2C	X	9.827	9.827	0	%100
60	MP2C	Z	0	0	0	%100
61	MP3C	X	11.896	11.896	0	%100
62	MP3C	Z	0	0	0	%100
63	MP4C	X	9.827	9.827	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	9.827	9.827	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	9.827	9.827	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	9.827	9.827	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	11.896	11.896	0	%100
72	MP3B	Z	0	0	0	%100
73	MP4B	X	9.827	9.827	0	%100
74	MP4B	Z	0	0	0	%100
75	MP5B	X	9.827	9.827	0	%100
76	MP5B	Z	0	0	0	%100
77	M77	X	17.241	17.241	0	%100
78	M77	Z	0	0	0	%100
79	M78	X	11.337	11.337	0	%100
80	M78	Z	0	0	0	%100
81	M79	X	11.337	11.337	0	%100
82	M79	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.68	7.68	0	%100
2	M1	Z	4.434	4.434	0	%100
3	M2	X	8.884	8.884	0	%100
4	M2	Z	5.129	5.129	0	%100
5	M5	X	11.422	11.422	0	%100
6	M5	Z	6.595	6.595	0	%100
7	M6	X	11.422	11.422	0	%100
8	M6	Z	6.595	6.595	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	4.479	4.479	0	%100
12	M6A	Z	2.586	2.586	0	%100
13	FACE	X	4.479	4.479	0	%100
14	FACE	Z	2.586	2.586	0	%100
15	M8	X	2.128	2.128	0	%100
16	M8	Z	1.228	1.228	0	%100
17	MP1A	X	8.511	8.511	0	%100
18	MP1A	Z	4.914	4.914	0	%100
19	M23A	X	4.479	4.479	0	%100
20	M23A	Z	2.586	2.586	0	%100
21	M24	X	4.479	4.479	0	%100
22	M24	Z	2.586	2.586	0	%100
23	M38	X	7.68	7.68	0	%100
24	M38	Z	4.434	4.434	0	%100
25	M39A	X	17.917	17.917	0	%100
26	M39A	Z	10.345	10.345	0	%100
27	M40	X	17.917	17.917	0	%100
28	M40	Z	10.345	10.345	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	8.884	8.884	0	%100
32	M55	Z	5.129	5.129	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	6.96	6.96	0	%100
36	OVP1	Z	4.018	4.018	0	%100
37	OVP2	X	6.96	6.96	0	%100
38	OVP2	Z	4.018	4.018	0	%100
39	M24A	X	2.128	2.128	0	%100
40	M24A	Z	1.228	1.228	0	%100
41	M25	X	8.511	8.511	0	%100
42	M25	Z	4.914	4.914	0	%100
43	M32	X	1.359	1.359	0	%100
44	M32	Z	.784	.784	0	%100
45	M36	X	9.402	9.402	0	%100
46	M36	Z	5.428	5.428	0	%100
47	M40A	X	3.612	3.612	0	%100
48	M40A	Z	2.085	2.085	0	%100
49	MP2A	X	8.511	8.511	0	%100
50	MP2A	Z	4.914	4.914	0	%100
51	MP3A	X	10.303	10.303	0	%100
52	MP3A	Z	5.948	5.948	0	%100
53	MP4A	X	8.511	8.511	0	%100
54	MP4A	Z	4.914	4.914	0	%100
55	MP5A	X	8.511	8.511	0	%100
56	MP5A	Z	4.914	4.914	0	%100
57	MP1C	X	8.511	8.511	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	4.914	4.914	0	%100
59	MP2C	X	8.511	8.511	0	%100
60	MP2C	Z	4.914	4.914	0	%100
61	MP3C	X	10.303	10.303	0	%100
62	MP3C	Z	5.948	5.948	0	%100
63	MP4C	X	8.511	8.511	0	%100
64	MP4C	Z	4.914	4.914	0	%100
65	MP5C	X	8.511	8.511	0	%100
66	MP5C	Z	4.914	4.914	0	%100
67	MP1B	X	8.511	8.511	0	%100
68	MP1B	Z	4.914	4.914	0	%100
69	MP2B	X	8.511	8.511	0	%100
70	MP2B	Z	4.914	4.914	0	%100
71	MP3B	X	10.303	10.303	0	%100
72	MP3B	Z	5.948	5.948	0	%100
73	MP4B	X	8.511	8.511	0	%100
74	MP4B	Z	4.914	4.914	0	%100
75	MP5B	X	8.511	8.511	0	%100
76	MP5B	Z	4.914	4.914	0	%100
77	M77	X	13.227	13.227	0	%100
78	M77	Z	7.637	7.637	0	%100
79	M78	X	13.227	13.227	0	%100
80	M78	Z	7.637	7.637	0	%100
81	M79	X	8.114	8.114	0	%100
82	M79	Z	4.684	4.684	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.478	1.478	0	%100
2	M1	Z	2.56	2.56	0	%100
3	M2	X	1.71	1.71	0	%100
4	M2	Z	2.961	2.961	0	%100
5	M5	X	2.198	2.198	0	%100
6	M5	Z	3.807	3.807	0	%100
7	M6	X	8.793	8.793	0	%100
8	M6	Z	15.23	15.23	0	%100
9	M7	X	2.198	2.198	0	%100
10	M7	Z	3.807	3.807	0	%100
11	M6A	X	7.758	7.758	0	%100
12	M6A	Z	13.438	13.438	0	%100
13	FACE	X	7.758	7.758	0	%100
14	FACE	Z	13.438	13.438	0	%100
15	M8	X	3.685	3.685	0	%100
16	M8	Z	6.383	6.383	0	%100
17	MP1A	X	4.914	4.914	0	%100
18	MP1A	Z	8.511	8.511	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	5.912	5.912	0	%100
24	M38	Z	10.24	10.24	0	%100
25	M39A	X	7.758	7.758	0	%100
26	M39A	Z	13.438	13.438	0	%100
27	M40	X	7.758	7.758	0	%100
28	M40	Z	13.438	13.438	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	1.478	1.478	0	%100
30	M54	Z	2.56	2.56	0	%100
31	M55	X	6.839	6.839	0	%100
32	M55	Z	11.845	11.845	0	%100
33	M56	X	1.71	1.71	0	%100
34	M56	Z	2.961	2.961	0	%100
35	OVP1	X	4.018	4.018	0	%100
36	OVP1	Z	6.96	6.96	0	%100
37	OVP2	X	4.018	4.018	0	%100
38	OVP2	Z	6.96	6.96	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	3.685	3.685	0	%100
42	M25	Z	6.383	6.383	0	%100
43	M32	X	.104	.104	0	%100
44	M32	Z	.18	.18	0	%100
45	M36	X	3.446	3.446	0	%100
46	M36	Z	5.969	5.969	0	%100
47	M40A	X	4.747	4.747	0	%100
48	M40A	Z	8.223	8.223	0	%100
49	MP2A	X	4.914	4.914	0	%100
50	MP2A	Z	8.511	8.511	0	%100
51	MP3A	X	5.948	5.948	0	%100
52	MP3A	Z	10.303	10.303	0	%100
53	MP4A	X	4.914	4.914	0	%100
54	MP4A	Z	8.511	8.511	0	%100
55	MP5A	X	4.914	4.914	0	%100
56	MP5A	Z	8.511	8.511	0	%100
57	MP1C	X	4.914	4.914	0	%100
58	MP1C	Z	8.511	8.511	0	%100
59	MP2C	X	4.914	4.914	0	%100
60	MP2C	Z	8.511	8.511	0	%100
61	MP3C	X	5.948	5.948	0	%100
62	MP3C	Z	10.303	10.303	0	%100
63	MP4C	X	4.914	4.914	0	%100
64	MP4C	Z	8.511	8.511	0	%100
65	MP5C	X	4.914	4.914	0	%100
66	MP5C	Z	8.511	8.511	0	%100
67	MP1B	X	4.914	4.914	0	%100
68	MP1B	Z	8.511	8.511	0	%100
69	MP2B	X	4.914	4.914	0	%100
70	MP2B	Z	8.511	8.511	0	%100
71	MP3B	X	5.948	5.948	0	%100
72	MP3B	Z	10.303	10.303	0	%100
73	MP4B	X	4.914	4.914	0	%100
74	MP4B	Z	8.511	8.511	0	%100
75	MP5B	X	4.914	4.914	0	%100
76	MP5B	Z	8.511	8.511	0	%100
77	M77	X	5.668	5.668	0	%100
78	M77	Z	9.818	9.818	0	%100
79	M78	X	8.621	8.621	0	%100
80	M78	Z	14.931	14.931	0	%100
81	M79	X	5.668	5.668	0	%100
82	M79	Z	9.818	9.818	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	13.189	13.189	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	13.189	13.189	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	20.689	20.689	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	20.689	20.689	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	9.827	9.827	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	9.827	9.827	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	5.172	5.172	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	5.172	5.172	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	8.868	8.868	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	5.172	5.172	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	5.172	5.172	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	8.868	8.868	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	10.258	10.258	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	10.258	10.258	0	%100
35	OVP1	X	0	0	0	%100
36	OVP1	Z	8.036	8.036	0	%100
37	OVP2	X	0	0	0	%100
38	OVP2	Z	8.036	8.036	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	2.457	2.457	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	2.457	2.457	0	%100
43	M32	X	0	0	0	%100
44	M32	Z	4.171	4.171	0	%100
45	M36	X	0	0	0	%100
46	M36	Z	1.569	1.569	0	%100
47	M40A	X	0	0	0	%100
48	M40A	Z	10.856	10.856	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	9.827	9.827	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	11.896	11.896	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	9.827	9.827	0	%100
55	MP5A	X	0	0	0	%100
56	MP5A	Z	9.827	9.827	0	%100
57	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	9.827	9.827	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	9.827	9.827	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	11.896	11.896	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	9.827	9.827	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	9.827	9.827	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	9.827	9.827	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	9.827	9.827	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	11.896	11.896	0	%100
73	MP4B	X	0	0	0	%100
74	MP4B	Z	9.827	9.827	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	9.827	9.827	0	%100
77	M77	X	0	0	0	%100
78	M77	Z	9.369	9.369	0	%100
79	M78	X	0	0	0	%100
80	M78	Z	15.273	15.273	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	15.273	15.273	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.478	-1.478	0	%100
2	M1	Z	2.56	2.56	0	%100
3	M2	X	-1.71	-1.71	0	%100
4	M2	Z	2.961	2.961	0	%100
5	M5	X	-2.198	-2.198	0	%100
6	M5	Z	3.807	3.807	0	%100
7	M6	X	-2.198	-2.198	0	%100
8	M6	Z	3.807	3.807	0	%100
9	M7	X	-8.793	-8.793	0	%100
10	M7	Z	15.23	15.23	0	%100
11	M6A	X	-7.758	-7.758	0	%100
12	M6A	Z	13.438	13.438	0	%100
13	FACE	X	-7.758	-7.758	0	%100
14	FACE	Z	13.438	13.438	0	%100
15	M8	X	-3.685	-3.685	0	%100
16	M8	Z	6.383	6.383	0	%100
17	MP1A	X	-4.914	-4.914	0	%100
18	MP1A	Z	8.511	8.511	0	%100
19	M23A	X	-7.758	-7.758	0	%100
20	M23A	Z	13.438	13.438	0	%100
21	M24	X	-7.758	-7.758	0	%100
22	M24	Z	13.438	13.438	0	%100
23	M38	X	-1.478	-1.478	0	%100
24	M38	Z	2.56	2.56	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-5.912	-5.912	0	%100
30	M54	Z	10.24	10.24	0	%100
31	M55	X	-1.71	-1.71	0	%100
32	M55	Z	2.961	2.961	0	%100
33	M56	X	-6.839	-6.839	0	%100
34	M56	Z	11.845	11.845	0	%100
35	OVP1	X	-4.018	-4.018	0	%100
36	OVP1	Z	6.96	6.96	0	%100
37	OVP2	X	-4.018	-4.018	0	%100
38	OVP2	Z	6.96	6.96	0	%100
39	M24A	X	-3.685	-3.685	0	%100
40	M24A	Z	6.383	6.383	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	-4.747	-4.747	0	%100
44	M32	Z	8.223	8.223	0	%100
45	M36	X	-.104	-.104	0	%100
46	M36	Z	.18	.18	0	%100
47	M40A	X	-3.446	-3.446	0	%100
48	M40A	Z	5.969	5.969	0	%100
49	MP2A	X	-4.914	-4.914	0	%100
50	MP2A	Z	8.511	8.511	0	%100
51	MP3A	X	-5.948	-5.948	0	%100
52	MP3A	Z	10.303	10.303	0	%100
53	MP4A	X	-4.914	-4.914	0	%100
54	MP4A	Z	8.511	8.511	0	%100
55	MP5A	X	-4.914	-4.914	0	%100
56	MP5A	Z	8.511	8.511	0	%100
57	MP1C	X	-4.914	-4.914	0	%100
58	MP1C	Z	8.511	8.511	0	%100
59	MP2C	X	-4.914	-4.914	0	%100
60	MP2C	Z	8.511	8.511	0	%100
61	MP3C	X	-5.948	-5.948	0	%100
62	MP3C	Z	10.303	10.303	0	%100
63	MP4C	X	-4.914	-4.914	0	%100
64	MP4C	Z	8.511	8.511	0	%100
65	MP5C	X	-4.914	-4.914	0	%100
66	MP5C	Z	8.511	8.511	0	%100
67	MP1B	X	-4.914	-4.914	0	%100
68	MP1B	Z	8.511	8.511	0	%100
69	MP2B	X	-4.914	-4.914	0	%100
70	MP2B	Z	8.511	8.511	0	%100
71	MP3B	X	-5.948	-5.948	0	%100
72	MP3B	Z	10.303	10.303	0	%100
73	MP4B	X	-4.914	-4.914	0	%100
74	MP4B	Z	8.511	8.511	0	%100
75	MP5B	X	-4.914	-4.914	0	%100
76	MP5B	Z	8.511	8.511	0	%100
77	M77	X	-5.668	-5.668	0	%100
78	M77	Z	9.818	9.818	0	%100
79	M78	X	-5.668	-5.668	0	%100
80	M78	Z	9.818	9.818	0	%100
81	M79	X	-8.621	-8.621	0	%100
82	M79	Z	14.931	14.931	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.68	-7.68	0	%100
2	M1	Z	4.434	4.434	0	%100
3	M2	X	-8.884	-8.884	0	%100
4	M2	Z	5.129	5.129	0	%100
5	M5	X	-11.422	-11.422	0	%100
6	M5	Z	6.595	6.595	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-11.422	-11.422	0	%100
10	M7	Z	6.595	6.595	0	%100
11	M6A	X	-4.479	-4.479	0	%100
12	M6A	Z	2.586	2.586	0	%100
13	FACE	X	-4.479	-4.479	0	%100
14	FACE	Z	2.586	2.586	0	%100
15	M8	X	-2.128	-2.128	0	%100
16	M8	Z	1.228	1.228	0	%100
17	MP1A	X	-8.511	-8.511	0	%100
18	MP1A	Z	4.914	4.914	0	%100
19	M23A	X	-17.917	-17.917	0	%100
20	M23A	Z	10.345	10.345	0	%100
21	M24	X	-17.917	-17.917	0	%100
22	M24	Z	10.345	10.345	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	-4.479	-4.479	0	%100
26	M39A	Z	2.586	2.586	0	%100
27	M40	X	-4.479	-4.479	0	%100
28	M40	Z	2.586	2.586	0	%100
29	M54	X	-7.68	-7.68	0	%100
30	M54	Z	4.434	4.434	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	-8.884	-8.884	0	%100
34	M56	Z	5.129	5.129	0	%100
35	OVP1	X	-6.96	-6.96	0	%100
36	OVP1	Z	4.018	4.018	0	%100
37	OVP2	X	-6.96	-6.96	0	%100
38	OVP2	Z	4.018	4.018	0	%100
39	M24A	X	-8.511	-8.511	0	%100
40	M24A	Z	4.914	4.914	0	%100
41	M25	X	-2.128	-2.128	0	%100
42	M25	Z	1.228	1.228	0	%100
43	M32	X	-9.402	-9.402	0	%100
44	M32	Z	5.428	5.428	0	%100
45	M36	X	-3.612	-3.612	0	%100
46	M36	Z	2.085	2.085	0	%100
47	M40A	X	-1.359	-1.359	0	%100
48	M40A	Z	.784	.784	0	%100
49	MP2A	X	-8.511	-8.511	0	%100
50	MP2A	Z	4.914	4.914	0	%100
51	MP3A	X	-10.303	-10.303	0	%100
52	MP3A	Z	5.948	5.948	0	%100
53	MP4A	X	-8.511	-8.511	0	%100
54	MP4A	Z	4.914	4.914	0	%100
55	MP5A	X	-8.511	-8.511	0	%100
56	MP5A	Z	4.914	4.914	0	%100
57	MP1C	X	-8.511	-8.511	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	4.914	4.914	0	%100
59	MP2C	X	-8.511	-8.511	0	%100
60	MP2C	Z	4.914	4.914	0	%100
61	MP3C	X	-10.303	-10.303	0	%100
62	MP3C	Z	5.948	5.948	0	%100
63	MP4C	X	-8.511	-8.511	0	%100
64	MP4C	Z	4.914	4.914	0	%100
65	MP5C	X	-8.511	-8.511	0	%100
66	MP5C	Z	4.914	4.914	0	%100
67	MP1B	X	-8.511	-8.511	0	%100
68	MP1B	Z	4.914	4.914	0	%100
69	MP2B	X	-8.511	-8.511	0	%100
70	MP2B	Z	4.914	4.914	0	%100
71	MP3B	X	-10.303	-10.303	0	%100
72	MP3B	Z	5.948	5.948	0	%100
73	MP4B	X	-8.511	-8.511	0	%100
74	MP4B	Z	4.914	4.914	0	%100
75	MP5B	X	-8.511	-8.511	0	%100
76	MP5B	Z	4.914	4.914	0	%100
77	M77	X	-13.227	-13.227	0	%100
78	M77	Z	7.637	7.637	0	%100
79	M78	X	-8.114	-8.114	0	%100
80	M78	Z	4.684	4.684	0	%100
81	M79	X	-13.227	-13.227	0	%100
82	M79	Z	7.637	7.637	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-11.824	-11.824	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-13.678	-13.678	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-17.586	-17.586	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-4.396	-4.396	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-4.396	-4.396	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	MP1A	X	-9.827	-9.827	0	%100
18	MP1A	Z	0	0	0	%100
19	M23A	X	-15.517	-15.517	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	-15.517	-15.517	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	-2.956	-2.956	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	-15.517	-15.517	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	-15.517	-15.517	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-2.956	-2.956	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	-3.419	-3.419	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	-3.419	-3.419	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	-8.036	-8.036	0	%100
36	OVP1	Z	0	0	0	%100
37	OVP2	X	-8.036	-8.036	0	%100
38	OVP2	Z	0	0	0	%100
39	M24A	X	-7.371	-7.371	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	-7.371	-7.371	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	-6.893	-6.893	0	%100
44	M32	Z	0	0	0	%100
45	M36	X	-9.495	-9.495	0	%100
46	M36	Z	0	0	0	%100
47	M40A	X	-.208	-.208	0	%100
48	M40A	Z	0	0	0	%100
49	MP2A	X	-9.827	-9.827	0	%100
50	MP2A	Z	0	0	0	%100
51	MP3A	X	-11.896	-11.896	0	%100
52	MP3A	Z	0	0	0	%100
53	MP4A	X	-9.827	-9.827	0	%100
54	MP4A	Z	0	0	0	%100
55	MP5A	X	-9.827	-9.827	0	%100
56	MP5A	Z	0	0	0	%100
57	MP1C	X	-9.827	-9.827	0	%100
58	MP1C	Z	0	0	0	%100
59	MP2C	X	-9.827	-9.827	0	%100
60	MP2C	Z	0	0	0	%100
61	MP3C	X	-11.896	-11.896	0	%100
62	MP3C	Z	0	0	0	%100
63	MP4C	X	-9.827	-9.827	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	-9.827	-9.827	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	-9.827	-9.827	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	-9.827	-9.827	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	-11.896	-11.896	0	%100
72	MP3B	Z	0	0	0	%100
73	MP4B	X	-9.827	-9.827	0	%100
74	MP4B	Z	0	0	0	%100
75	MP5B	X	-9.827	-9.827	0	%100
76	MP5B	Z	0	0	0	%100
77	M77	X	-17.241	-17.241	0	%100
78	M77	Z	0	0	0	%100
79	M78	X	-11.337	-11.337	0	%100
80	M78	Z	0	0	0	%100
81	M79	X	-11.337	-11.337	0	%100
82	M79	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.68	-7.68	0	%100
2	M1	Z	-4.434	-4.434	0	%100
3	M2	X	-8.884	-8.884	0	%100
4	M2	Z	-5.129	-5.129	0	%100
5	M5	X	-11.422	-11.422	0	%100
6	M5	Z	-6.595	-6.595	0	%100
7	M6	X	-11.422	-11.422	0	%100
8	M6	Z	-6.595	-6.595	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-4.479	-4.479	0	%100
12	M6A	Z	-2.586	-2.586	0	%100
13	FACE	X	-4.479	-4.479	0	%100
14	FACE	Z	-2.586	-2.586	0	%100
15	M8	X	-2.128	-2.128	0	%100
16	M8	Z	-1.228	-1.228	0	%100
17	MP1A	X	-8.511	-8.511	0	%100
18	MP1A	Z	-4.914	-4.914	0	%100
19	M23A	X	-4.479	-4.479	0	%100
20	M23A	Z	-2.586	-2.586	0	%100
21	M24	X	-4.479	-4.479	0	%100
22	M24	Z	-2.586	-2.586	0	%100
23	M38	X	-7.68	-7.68	0	%100
24	M38	Z	-4.434	-4.434	0	%100
25	M39A	X	-17.917	-17.917	0	%100
26	M39A	Z	-10.345	-10.345	0	%100
27	M40	X	-17.917	-17.917	0	%100
28	M40	Z	-10.345	-10.345	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	-8.884	-8.884	0	%100
32	M55	Z	-5.129	-5.129	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	-6.96	-6.96	0	%100
36	OVP1	Z	-4.018	-4.018	0	%100
37	OVP2	X	-6.96	-6.96	0	%100
38	OVP2	Z	-4.018	-4.018	0	%100
39	M24A	X	-2.128	-2.128	0	%100
40	M24A	Z	-1.228	-1.228	0	%100
41	M25	X	-8.511	-8.511	0	%100
42	M25	Z	-4.914	-4.914	0	%100
43	M32	X	-1.359	-1.359	0	%100
44	M32	Z	-.784	-.784	0	%100
45	M36	X	-9.402	-9.402	0	%100
46	M36	Z	-5.428	-5.428	0	%100
47	M40A	X	-3.612	-3.612	0	%100
48	M40A	Z	-2.085	-2.085	0	%100
49	MP2A	X	-8.511	-8.511	0	%100
50	MP2A	Z	-4.914	-4.914	0	%100
51	MP3A	X	-10.303	-10.303	0	%100
52	MP3A	Z	-5.948	-5.948	0	%100
53	MP4A	X	-8.511	-8.511	0	%100
54	MP4A	Z	-4.914	-4.914	0	%100
55	MP5A	X	-8.511	-8.511	0	%100
56	MP5A	Z	-4.914	-4.914	0	%100
57	MP1C	X	-8.511	-8.511	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-4.914	-4.914	0	%100
59	MP2C	X	-8.511	-8.511	0	%100
60	MP2C	Z	-4.914	-4.914	0	%100
61	MP3C	X	-10.303	-10.303	0	%100
62	MP3C	Z	-5.948	-5.948	0	%100
63	MP4C	X	-8.511	-8.511	0	%100
64	MP4C	Z	-4.914	-4.914	0	%100
65	MP5C	X	-8.511	-8.511	0	%100
66	MP5C	Z	-4.914	-4.914	0	%100
67	MP1B	X	-8.511	-8.511	0	%100
68	MP1B	Z	-4.914	-4.914	0	%100
69	MP2B	X	-8.511	-8.511	0	%100
70	MP2B	Z	-4.914	-4.914	0	%100
71	MP3B	X	-10.303	-10.303	0	%100
72	MP3B	Z	-5.948	-5.948	0	%100
73	MP4B	X	-8.511	-8.511	0	%100
74	MP4B	Z	-4.914	-4.914	0	%100
75	MP5B	X	-8.511	-8.511	0	%100
76	MP5B	Z	-4.914	-4.914	0	%100
77	M77	X	-13.227	-13.227	0	%100
78	M77	Z	-7.637	-7.637	0	%100
79	M78	X	-13.227	-13.227	0	%100
80	M78	Z	-7.637	-7.637	0	%100
81	M79	X	-8.114	-8.114	0	%100
82	M79	Z	-4.684	-4.684	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.478	-1.478	0	%100
2	M1	Z	-2.56	-2.56	0	%100
3	M2	X	-1.71	-1.71	0	%100
4	M2	Z	-2.961	-2.961	0	%100
5	M5	X	-2.198	-2.198	0	%100
6	M5	Z	-3.807	-3.807	0	%100
7	M6	X	-8.793	-8.793	0	%100
8	M6	Z	-15.23	-15.23	0	%100
9	M7	X	-2.198	-2.198	0	%100
10	M7	Z	-3.807	-3.807	0	%100
11	M6A	X	-7.758	-7.758	0	%100
12	M6A	Z	-13.438	-13.438	0	%100
13	FACE	X	-7.758	-7.758	0	%100
14	FACE	Z	-13.438	-13.438	0	%100
15	M8	X	-3.685	-3.685	0	%100
16	M8	Z	-6.383	-6.383	0	%100
17	MP1A	X	-4.914	-4.914	0	%100
18	MP1A	Z	-8.511	-8.511	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	-5.912	-5.912	0	%100
24	M38	Z	-10.24	-10.24	0	%100
25	M39A	X	-7.758	-7.758	0	%100
26	M39A	Z	-13.438	-13.438	0	%100
27	M40	X	-7.758	-7.758	0	%100
28	M40	Z	-13.438	-13.438	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-1.478	-1.478	0	%100
30	M54	Z	-2.56	-2.56	0	%100
31	M55	X	-6.839	-6.839	0	%100
32	M55	Z	-11.845	-11.845	0	%100
33	M56	X	-1.71	-1.71	0	%100
34	M56	Z	-2.961	-2.961	0	%100
35	OVP1	X	-4.018	-4.018	0	%100
36	OVP1	Z	-6.96	-6.96	0	%100
37	OVP2	X	-4.018	-4.018	0	%100
38	OVP2	Z	-6.96	-6.96	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	-3.685	-3.685	0	%100
42	M25	Z	-6.383	-6.383	0	%100
43	M32	X	-.104	-.104	0	%100
44	M32	Z	-.18	-.18	0	%100
45	M36	X	-3.446	-3.446	0	%100
46	M36	Z	-5.969	-5.969	0	%100
47	M40A	X	-4.747	-4.747	0	%100
48	M40A	Z	-8.223	-8.223	0	%100
49	MP2A	X	-4.914	-4.914	0	%100
50	MP2A	Z	-8.511	-8.511	0	%100
51	MP3A	X	-5.948	-5.948	0	%100
52	MP3A	Z	-10.303	-10.303	0	%100
53	MP4A	X	-4.914	-4.914	0	%100
54	MP4A	Z	-8.511	-8.511	0	%100
55	MP5A	X	-4.914	-4.914	0	%100
56	MP5A	Z	-8.511	-8.511	0	%100
57	MP1C	X	-4.914	-4.914	0	%100
58	MP1C	Z	-8.511	-8.511	0	%100
59	MP2C	X	-4.914	-4.914	0	%100
60	MP2C	Z	-8.511	-8.511	0	%100
61	MP3C	X	-5.948	-5.948	0	%100
62	MP3C	Z	-10.303	-10.303	0	%100
63	MP4C	X	-4.914	-4.914	0	%100
64	MP4C	Z	-8.511	-8.511	0	%100
65	MP5C	X	-4.914	-4.914	0	%100
66	MP5C	Z	-8.511	-8.511	0	%100
67	MP1B	X	-4.914	-4.914	0	%100
68	MP1B	Z	-8.511	-8.511	0	%100
69	MP2B	X	-4.914	-4.914	0	%100
70	MP2B	Z	-8.511	-8.511	0	%100
71	MP3B	X	-5.948	-5.948	0	%100
72	MP3B	Z	-10.303	-10.303	0	%100
73	MP4B	X	-4.914	-4.914	0	%100
74	MP4B	Z	-8.511	-8.511	0	%100
75	MP5B	X	-4.914	-4.914	0	%100
76	MP5B	Z	-8.511	-8.511	0	%100
77	M77	X	-5.668	-5.668	0	%100
78	M77	Z	-9.818	-9.818	0	%100
79	M78	X	-8.621	-8.621	0	%100
80	M78	Z	-14.931	-14.931	0	%100
81	M79	X	-5.668	-5.668	0	%100
82	M79	Z	-9.818	-9.818	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-3.427	-3.427	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-3.427	-3.427	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-5.225	-5.225	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	-5.225	-5.225	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-3.34	-3.34	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-3.34	-3.34	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	-1.306	-1.306	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	-1.306	-1.306	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	-2.323	-2.323	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	-1.306	-1.306	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	-1.306	-1.306	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	-2.323	-2.323	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	-2.678	-2.678	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	-2.678	-2.678	0	%100
35	OVP1	X	0	0	0	%100
36	OVP1	Z	-2.751	-2.751	0	%100
37	OVP2	X	0	0	0	%100
38	OVP2	Z	-2.751	-2.751	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	-.835	-.835	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-.835	-.835	0	%100
43	M32	X	0	0	0	%100
44	M32	Z	-1.11	-1.11	0	%100
45	M36	X	0	0	0	%100
46	M36	Z	-.417	-.417	0	%100
47	M40A	X	0	0	0	%100
48	M40A	Z	-2.888	-2.888	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-3.34	-3.34	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	-3.699	-3.699	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	-3.34	-3.34	0	%100
55	MP5A	X	0	0	0	%100
56	MP5A	Z	-3.34	-3.34	0	%100
57	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-3.34	-3.34	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-3.34	-3.34	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	-3.699	-3.699	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-3.34	-3.34	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	-3.34	-3.34	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-3.34	-3.34	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-3.34	-3.34	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-3.699	-3.699	0	%100
73	MP4B	X	0	0	0	%100
74	MP4B	Z	-3.34	-3.34	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-3.34	-3.34	0	%100
77	M77	X	0	0	0	%100
78	M77	Z	-2.116	-2.116	0	%100
79	M78	X	0	0	0	%100
80	M78	Z	-3.999	-3.999	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-3.999	-3.999	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.387	.387	0	%100
2	M1	Z	-.671	-.671	0	%100
3	M2	X	.446	.446	0	%100
4	M2	Z	-.773	-.773	0	%100
5	M5	X	.571	.571	0	%100
6	M5	Z	-.989	-.989	0	%100
7	M6	X	.571	.571	0	%100
8	M6	Z	-.989	-.989	0	%100
9	M7	X	2.284	2.284	0	%100
10	M7	Z	-3.957	-3.957	0	%100
11	M6A	X	1.959	1.959	0	%100
12	M6A	Z	-3.394	-3.394	0	%100
13	FACE	X	1.959	1.959	0	%100
14	FACE	Z	-3.394	-3.394	0	%100
15	M8	X	1.252	1.252	0	%100
16	M8	Z	-2.169	-2.169	0	%100
17	MP1A	X	1.67	1.67	0	%100
18	MP1A	Z	-2.892	-2.892	0	%100
19	M23A	X	1.959	1.959	0	%100
20	M23A	Z	-3.394	-3.394	0	%100
21	M24	X	1.959	1.959	0	%100
22	M24	Z	-3.394	-3.394	0	%100
23	M38	X	.387	.387	0	%100
24	M38	Z	-.671	-.671	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	1.549	1.549	0	%100
30	M54	Z	-2.683	-2.683	0	%100
31	M55	X	.446	.446	0	%100
32	M55	Z	-.773	-.773	0	%100
33	M56	X	1.786	1.786	0	%100
34	M56	Z	-3.093	-3.093	0	%100
35	OVP1	X	1.376	1.376	0	%100
36	OVP1	Z	-2.383	-2.383	0	%100
37	OVP2	X	1.376	1.376	0	%100
38	OVP2	Z	-2.383	-2.383	0	%100
39	M24A	X	1.252	1.252	0	%100
40	M24A	Z	-2.169	-2.169	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	1.263	1.263	0	%100
44	M32	Z	-2.188	-2.188	0	%100
45	M36	X	.028	.028	0	%100
46	M36	Z	-.048	-.048	0	%100
47	M40A	X	.917	.917	0	%100
48	M40A	Z	-1.588	-1.588	0	%100
49	MP2A	X	1.67	1.67	0	%100
50	MP2A	Z	-2.892	-2.892	0	%100
51	MP3A	X	1.849	1.849	0	%100
52	MP3A	Z	-3.203	-3.203	0	%100
53	MP4A	X	1.67	1.67	0	%100
54	MP4A	Z	-2.892	-2.892	0	%100
55	MP5A	X	1.67	1.67	0	%100
56	MP5A	Z	-2.892	-2.892	0	%100
57	MP1C	X	1.67	1.67	0	%100
58	MP1C	Z	-2.892	-2.892	0	%100
59	MP2C	X	1.67	1.67	0	%100
60	MP2C	Z	-2.892	-2.892	0	%100
61	MP3C	X	1.849	1.849	0	%100
62	MP3C	Z	-3.203	-3.203	0	%100
63	MP4C	X	1.67	1.67	0	%100
64	MP4C	Z	-2.892	-2.892	0	%100
65	MP5C	X	1.67	1.67	0	%100
66	MP5C	Z	-2.892	-2.892	0	%100
67	MP1B	X	1.67	1.67	0	%100
68	MP1B	Z	-2.892	-2.892	0	%100
69	MP2B	X	1.67	1.67	0	%100
70	MP2B	Z	-2.892	-2.892	0	%100
71	MP3B	X	1.849	1.849	0	%100
72	MP3B	Z	-3.203	-3.203	0	%100
73	MP4B	X	1.67	1.67	0	%100
74	MP4B	Z	-2.892	-2.892	0	%100
75	MP5B	X	1.67	1.67	0	%100
76	MP5B	Z	-2.892	-2.892	0	%100
77	M77	X	1.372	1.372	0	%100
78	M77	Z	-2.376	-2.376	0	%100
79	M78	X	1.372	1.372	0	%100
80	M78	Z	-2.376	-2.376	0	%100
81	M79	X	2.313	2.313	0	%100
82	M79	Z	-4.007	-4.007	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.012	2.012	0	%100
2	M1	Z	-1.162	-1.162	0	%100
3	M2	X	2.32	2.32	0	%100
4	M2	Z	-1.339	-1.339	0	%100
5	M5	X	2.968	2.968	0	%100
6	M5	Z	-1.713	-1.713	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	2.968	2.968	0	%100
10	M7	Z	-1.713	-1.713	0	%100
11	M6A	X	1.131	1.131	0	%100
12	M6A	Z	-.653	-.653	0	%100
13	FACE	X	1.131	1.131	0	%100
14	FACE	Z	-.653	-.653	0	%100
15	M8	X	.723	.723	0	%100
16	M8	Z	-.417	-.417	0	%100
17	MP1A	X	2.892	2.892	0	%100
18	MP1A	Z	-1.67	-1.67	0	%100
19	M23A	X	4.525	4.525	0	%100
20	M23A	Z	-2.613	-2.613	0	%100
21	M24	X	4.525	4.525	0	%100
22	M24	Z	-2.613	-2.613	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	1.131	1.131	0	%100
26	M39A	Z	-.653	-.653	0	%100
27	M40	X	1.131	1.131	0	%100
28	M40	Z	-.653	-.653	0	%100
29	M54	X	2.012	2.012	0	%100
30	M54	Z	-1.162	-1.162	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	2.32	2.32	0	%100
34	M56	Z	-1.339	-1.339	0	%100
35	OVP1	X	2.383	2.383	0	%100
36	OVP1	Z	-1.376	-1.376	0	%100
37	OVP2	X	2.383	2.383	0	%100
38	OVP2	Z	-1.376	-1.376	0	%100
39	M24A	X	2.892	2.892	0	%100
40	M24A	Z	-1.67	-1.67	0	%100
41	M25	X	.723	.723	0	%100
42	M25	Z	-.417	-.417	0	%100
43	M32	X	2.501	2.501	0	%100
44	M32	Z	-1.444	-1.444	0	%100
45	M36	X	.961	.961	0	%100
46	M36	Z	-.555	-.555	0	%100
47	M40A	X	.361	.361	0	%100
48	M40A	Z	-.209	-.209	0	%100
49	MP2A	X	2.892	2.892	0	%100
50	MP2A	Z	-1.67	-1.67	0	%100
51	MP3A	X	3.203	3.203	0	%100
52	MP3A	Z	-1.849	-1.849	0	%100
53	MP4A	X	2.892	2.892	0	%100
54	MP4A	Z	-1.67	-1.67	0	%100
55	MP5A	X	2.892	2.892	0	%100
56	MP5A	Z	-1.67	-1.67	0	%100
57	MP1C	X	2.892	2.892	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-1.67	-1.67	0	%100
59	MP2C	X	2.892	2.892	0	%100
60	MP2C	Z	-1.67	-1.67	0	%100
61	MP3C	X	3.203	3.203	0	%100
62	MP3C	Z	-1.849	-1.849	0	%100
63	MP4C	X	2.892	2.892	0	%100
64	MP4C	Z	-1.67	-1.67	0	%100
65	MP5C	X	2.892	2.892	0	%100
66	MP5C	Z	-1.67	-1.67	0	%100
67	MP1B	X	2.892	2.892	0	%100
68	MP1B	Z	-1.67	-1.67	0	%100
69	MP2B	X	2.892	2.892	0	%100
70	MP2B	Z	-1.67	-1.67	0	%100
71	MP3B	X	3.203	3.203	0	%100
72	MP3B	Z	-1.849	-1.849	0	%100
73	MP4B	X	2.892	2.892	0	%100
74	MP4B	Z	-1.67	-1.67	0	%100
75	MP5B	X	2.892	2.892	0	%100
76	MP5B	Z	-1.67	-1.67	0	%100
77	M77	X	3.463	3.463	0	%100
78	M77	Z	-1.999	-1.999	0	%100
79	M78	X	1.832	1.832	0	%100
80	M78	Z	-1.058	-1.058	0	%100
81	M79	X	3.463	3.463	0	%100
82	M79	Z	-1.999	-1.999	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.098	3.098	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.571	3.571	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	4.569	4.569	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	1.142	1.142	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	1.142	1.142	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	MP1A	X	3.34	3.34	0	%100
18	MP1A	Z	0	0	0	%100
19	M23A	X	3.919	3.919	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	3.919	3.919	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	.774	.774	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	3.919	3.919	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	3.919	3.919	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	.774	.774	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	.893	.893	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	.893	.893	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	2.751	2.751	0	%100
36	OVP1	Z	0	0	0	%100
37	OVP2	X	2.751	2.751	0	%100
38	OVP2	Z	0	0	0	%100
39	M24A	X	2.505	2.505	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	2.505	2.505	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	1.834	1.834	0	%100
44	M32	Z	0	0	0	%100
45	M36	X	2.526	2.526	0	%100
46	M36	Z	0	0	0	%100
47	M40A	X	.055	.055	0	%100
48	M40A	Z	0	0	0	%100
49	MP2A	X	3.34	3.34	0	%100
50	MP2A	Z	0	0	0	%100
51	MP3A	X	3.699	3.699	0	%100
52	MP3A	Z	0	0	0	%100
53	MP4A	X	3.34	3.34	0	%100
54	MP4A	Z	0	0	0	%100
55	MP5A	X	3.34	3.34	0	%100
56	MP5A	Z	0	0	0	%100
57	MP1C	X	3.34	3.34	0	%100
58	MP1C	Z	0	0	0	%100
59	MP2C	X	3.34	3.34	0	%100
60	MP2C	Z	0	0	0	%100
61	MP3C	X	3.699	3.699	0	%100
62	MP3C	Z	0	0	0	%100
63	MP4C	X	3.34	3.34	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	3.34	3.34	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	3.34	3.34	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	3.34	3.34	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	3.699	3.699	0	%100
72	MP3B	Z	0	0	0	%100
73	MP4B	X	3.34	3.34	0	%100
74	MP4B	Z	0	0	0	%100
75	MP5B	X	3.34	3.34	0	%100
76	MP5B	Z	0	0	0	%100
77	M77	X	4.627	4.627	0	%100
78	M77	Z	0	0	0	%100
79	M78	X	2.743	2.743	0	%100
80	M78	Z	0	0	0	%100
81	M79	X	2.743	2.743	0	%100
82	M79	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.012	2.012	0	%100
2	M1	Z	1.162	1.162	0	%100
3	M2	X	2.32	2.32	0	%100
4	M2	Z	1.339	1.339	0	%100
5	M5	X	2.968	2.968	0	%100
6	M5	Z	1.713	1.713	0	%100
7	M6	X	2.968	2.968	0	%100
8	M6	Z	1.713	1.713	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	1.131	1.131	0	%100
12	M6A	Z	.653	.653	0	%100
13	FACE	X	1.131	1.131	0	%100
14	FACE	Z	.653	.653	0	%100
15	M8	X	.723	.723	0	%100
16	M8	Z	.417	.417	0	%100
17	MP1A	X	2.892	2.892	0	%100
18	MP1A	Z	1.67	1.67	0	%100
19	M23A	X	1.131	1.131	0	%100
20	M23A	Z	.653	.653	0	%100
21	M24	X	1.131	1.131	0	%100
22	M24	Z	.653	.653	0	%100
23	M38	X	2.012	2.012	0	%100
24	M38	Z	1.162	1.162	0	%100
25	M39A	X	4.525	4.525	0	%100
26	M39A	Z	2.613	2.613	0	%100
27	M40	X	4.525	4.525	0	%100
28	M40	Z	2.613	2.613	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	2.32	2.32	0	%100
32	M55	Z	1.339	1.339	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	2.383	2.383	0	%100
36	OVP1	Z	1.376	1.376	0	%100
37	OVP2	X	2.383	2.383	0	%100
38	OVP2	Z	1.376	1.376	0	%100
39	M24A	X	.723	.723	0	%100
40	M24A	Z	.417	.417	0	%100
41	M25	X	2.892	2.892	0	%100
42	M25	Z	1.67	1.67	0	%100
43	M32	X	.361	.361	0	%100
44	M32	Z	.209	.209	0	%100
45	M36	X	2.501	2.501	0	%100
46	M36	Z	1.444	1.444	0	%100
47	M40A	X	.961	.961	0	%100
48	M40A	Z	.555	.555	0	%100
49	MP2A	X	2.892	2.892	0	%100
50	MP2A	Z	1.67	1.67	0	%100
51	MP3A	X	3.203	3.203	0	%100
52	MP3A	Z	1.849	1.849	0	%100
53	MP4A	X	2.892	2.892	0	%100
54	MP4A	Z	1.67	1.67	0	%100
55	MP5A	X	2.892	2.892	0	%100
56	MP5A	Z	1.67	1.67	0	%100
57	MP1C	X	2.892	2.892	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	1.67	1.67	0	%100
59	MP2C	X	2.892	2.892	0	%100
60	MP2C	Z	1.67	1.67	0	%100
61	MP3C	X	3.203	3.203	0	%100
62	MP3C	Z	1.849	1.849	0	%100
63	MP4C	X	2.892	2.892	0	%100
64	MP4C	Z	1.67	1.67	0	%100
65	MP5C	X	2.892	2.892	0	%100
66	MP5C	Z	1.67	1.67	0	%100
67	MP1B	X	2.892	2.892	0	%100
68	MP1B	Z	1.67	1.67	0	%100
69	MP2B	X	2.892	2.892	0	%100
70	MP2B	Z	1.67	1.67	0	%100
71	MP3B	X	3.203	3.203	0	%100
72	MP3B	Z	1.849	1.849	0	%100
73	MP4B	X	2.892	2.892	0	%100
74	MP4B	Z	1.67	1.67	0	%100
75	MP5B	X	2.892	2.892	0	%100
76	MP5B	Z	1.67	1.67	0	%100
77	M77	X	3.463	3.463	0	%100
78	M77	Z	1.999	1.999	0	%100
79	M78	X	3.463	3.463	0	%100
80	M78	Z	1.999	1.999	0	%100
81	M79	X	1.832	1.832	0	%100
82	M79	Z	1.058	1.058	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.387	.387	0	%100
2	M1	Z	.671	.671	0	%100
3	M2	X	.446	.446	0	%100
4	M2	Z	.773	.773	0	%100
5	M5	X	.571	.571	0	%100
6	M5	Z	.989	.989	0	%100
7	M6	X	2.284	2.284	0	%100
8	M6	Z	3.957	3.957	0	%100
9	M7	X	.571	.571	0	%100
10	M7	Z	.989	.989	0	%100
11	M6A	X	1.959	1.959	0	%100
12	M6A	Z	3.394	3.394	0	%100
13	FACE	X	1.959	1.959	0	%100
14	FACE	Z	3.394	3.394	0	%100
15	M8	X	1.252	1.252	0	%100
16	M8	Z	2.169	2.169	0	%100
17	MP1A	X	1.67	1.67	0	%100
18	MP1A	Z	2.892	2.892	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	1.549	1.549	0	%100
24	M38	Z	2.683	2.683	0	%100
25	M39A	X	1.959	1.959	0	%100
26	M39A	Z	3.394	3.394	0	%100
27	M40	X	1.959	1.959	0	%100
28	M40	Z	3.394	3.394	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	.387	.387	0	%100
30	M54	Z	.671	.671	0	%100
31	M55	X	1.786	1.786	0	%100
32	M55	Z	3.093	3.093	0	%100
33	M56	X	.446	.446	0	%100
34	M56	Z	.773	.773	0	%100
35	OVP1	X	1.376	1.376	0	%100
36	OVP1	Z	2.383	2.383	0	%100
37	OVP2	X	1.376	1.376	0	%100
38	OVP2	Z	2.383	2.383	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	1.252	1.252	0	%100
42	M25	Z	2.169	2.169	0	%100
43	M32	X	.028	.028	0	%100
44	M32	Z	.048	.048	0	%100
45	M36	X	.917	.917	0	%100
46	M36	Z	1.588	1.588	0	%100
47	M40A	X	1.263	1.263	0	%100
48	M40A	Z	2.188	2.188	0	%100
49	MP2A	X	1.67	1.67	0	%100
50	MP2A	Z	2.892	2.892	0	%100
51	MP3A	X	1.849	1.849	0	%100
52	MP3A	Z	3.203	3.203	0	%100
53	MP4A	X	1.67	1.67	0	%100
54	MP4A	Z	2.892	2.892	0	%100
55	MP5A	X	1.67	1.67	0	%100
56	MP5A	Z	2.892	2.892	0	%100
57	MP1C	X	1.67	1.67	0	%100
58	MP1C	Z	2.892	2.892	0	%100
59	MP2C	X	1.67	1.67	0	%100
60	MP2C	Z	2.892	2.892	0	%100
61	MP3C	X	1.849	1.849	0	%100
62	MP3C	Z	3.203	3.203	0	%100
63	MP4C	X	1.67	1.67	0	%100
64	MP4C	Z	2.892	2.892	0	%100
65	MP5C	X	1.67	1.67	0	%100
66	MP5C	Z	2.892	2.892	0	%100
67	MP1B	X	1.67	1.67	0	%100
68	MP1B	Z	2.892	2.892	0	%100
69	MP2B	X	1.67	1.67	0	%100
70	MP2B	Z	2.892	2.892	0	%100
71	MP3B	X	1.849	1.849	0	%100
72	MP3B	Z	3.203	3.203	0	%100
73	MP4B	X	1.67	1.67	0	%100
74	MP4B	Z	2.892	2.892	0	%100
75	MP5B	X	1.67	1.67	0	%100
76	MP5B	Z	2.892	2.892	0	%100
77	M77	X	1.372	1.372	0	%100
78	M77	Z	2.376	2.376	0	%100
79	M78	X	2.313	2.313	0	%100
80	M78	Z	4.007	4.007	0	%100
81	M79	X	1.372	1.372	0	%100
82	M79	Z	2.376	2.376	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	3.427	3.427	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	3.427	3.427	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	5.225	5.225	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	5.225	5.225	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	3.34	3.34	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	3.34	3.34	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	1.306	1.306	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	1.306	1.306	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	2.323	2.323	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	1.306	1.306	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	1.306	1.306	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	2.323	2.323	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	2.678	2.678	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	2.678	2.678	0	%100
35	OVP1	X	0	0	0	%100
36	OVP1	Z	2.751	2.751	0	%100
37	OVP2	X	0	0	0	%100
38	OVP2	Z	2.751	2.751	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	.835	.835	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	.835	.835	0	%100
43	M32	X	0	0	0	%100
44	M32	Z	1.11	1.11	0	%100
45	M36	X	0	0	0	%100
46	M36	Z	.417	.417	0	%100
47	M40A	X	0	0	0	%100
48	M40A	Z	2.888	2.888	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	3.34	3.34	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	3.699	3.699	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	3.34	3.34	0	%100
55	MP5A	X	0	0	0	%100
56	MP5A	Z	3.34	3.34	0	%100
57	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	3.34	3.34	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	3.34	3.34	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	3.699	3.699	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	3.34	3.34	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	3.34	3.34	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	3.34	3.34	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	3.34	3.34	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	3.699	3.699	0	%100
73	MP4B	X	0	0	0	%100
74	MP4B	Z	3.34	3.34	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	3.34	3.34	0	%100
77	M77	X	0	0	0	%100
78	M77	Z	2.116	2.116	0	%100
79	M78	X	0	0	0	%100
80	M78	Z	3.999	3.999	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	3.999	3.999	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.387	-.387	0	%100
2	M1	Z	.671	.671	0	%100
3	M2	X	-.446	-.446	0	%100
4	M2	Z	.773	.773	0	%100
5	M5	X	-.571	-.571	0	%100
6	M5	Z	.989	.989	0	%100
7	M6	X	-.571	-.571	0	%100
8	M6	Z	.989	.989	0	%100
9	M7	X	-2.284	-2.284	0	%100
10	M7	Z	3.957	3.957	0	%100
11	M6A	X	-1.959	-1.959	0	%100
12	M6A	Z	3.394	3.394	0	%100
13	FACE	X	-1.959	-1.959	0	%100
14	FACE	Z	3.394	3.394	0	%100
15	M8	X	-1.252	-1.252	0	%100
16	M8	Z	2.169	2.169	0	%100
17	MP1A	X	-1.67	-1.67	0	%100
18	MP1A	Z	2.892	2.892	0	%100
19	M23A	X	-1.959	-1.959	0	%100
20	M23A	Z	3.394	3.394	0	%100
21	M24	X	-1.959	-1.959	0	%100
22	M24	Z	3.394	3.394	0	%100
23	M38	X	-.387	-.387	0	%100
24	M38	Z	.671	.671	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-1.549	-1.549	0	%100
30	M54	Z	2.683	2.683	0	%100
31	M55	X	-.446	-.446	0	%100
32	M55	Z	.773	.773	0	%100
33	M56	X	-1.786	-1.786	0	%100
34	M56	Z	3.093	3.093	0	%100
35	OVP1	X	-1.376	-1.376	0	%100
36	OVP1	Z	2.383	2.383	0	%100
37	OVP2	X	-1.376	-1.376	0	%100
38	OVP2	Z	2.383	2.383	0	%100
39	M24A	X	-1.252	-1.252	0	%100
40	M24A	Z	2.169	2.169	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	-1.263	-1.263	0	%100
44	M32	Z	2.188	2.188	0	%100
45	M36	X	-.028	-.028	0	%100
46	M36	Z	.048	.048	0	%100
47	M40A	X	-.917	-.917	0	%100
48	M40A	Z	1.588	1.588	0	%100
49	MP2A	X	-1.67	-1.67	0	%100
50	MP2A	Z	2.892	2.892	0	%100
51	MP3A	X	-1.849	-1.849	0	%100
52	MP3A	Z	3.203	3.203	0	%100
53	MP4A	X	-1.67	-1.67	0	%100
54	MP4A	Z	2.892	2.892	0	%100
55	MP5A	X	-1.67	-1.67	0	%100
56	MP5A	Z	2.892	2.892	0	%100
57	MP1C	X	-1.67	-1.67	0	%100
58	MP1C	Z	2.892	2.892	0	%100
59	MP2C	X	-1.67	-1.67	0	%100
60	MP2C	Z	2.892	2.892	0	%100
61	MP3C	X	-1.849	-1.849	0	%100
62	MP3C	Z	3.203	3.203	0	%100
63	MP4C	X	-1.67	-1.67	0	%100
64	MP4C	Z	2.892	2.892	0	%100
65	MP5C	X	-1.67	-1.67	0	%100
66	MP5C	Z	2.892	2.892	0	%100
67	MP1B	X	-1.67	-1.67	0	%100
68	MP1B	Z	2.892	2.892	0	%100
69	MP2B	X	-1.67	-1.67	0	%100
70	MP2B	Z	2.892	2.892	0	%100
71	MP3B	X	-1.849	-1.849	0	%100
72	MP3B	Z	3.203	3.203	0	%100
73	MP4B	X	-1.67	-1.67	0	%100
74	MP4B	Z	2.892	2.892	0	%100
75	MP5B	X	-1.67	-1.67	0	%100
76	MP5B	Z	2.892	2.892	0	%100
77	M77	X	-1.372	-1.372	0	%100
78	M77	Z	2.376	2.376	0	%100
79	M78	X	-1.372	-1.372	0	%100
80	M78	Z	2.376	2.376	0	%100
81	M79	X	-2.313	-2.313	0	%100
82	M79	Z	4.007	4.007	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.012	-2.012	0	%100
2	M1	Z	1.162	1.162	0	%100
3	M2	X	-2.32	-2.32	0	%100
4	M2	Z	1.339	1.339	0	%100
5	M5	X	-2.968	-2.968	0	%100
6	M5	Z	1.713	1.713	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-2.968	-2.968	0	%100
10	M7	Z	1.713	1.713	0	%100
11	M6A	X	-1.131	-1.131	0	%100
12	M6A	Z	.653	.653	0	%100
13	FACE	X	-1.131	-1.131	0	%100
14	FACE	Z	.653	.653	0	%100
15	M8	X	-.723	-.723	0	%100
16	M8	Z	.417	.417	0	%100
17	MP1A	X	-2.892	-2.892	0	%100
18	MP1A	Z	1.67	1.67	0	%100
19	M23A	X	-4.525	-4.525	0	%100
20	M23A	Z	2.613	2.613	0	%100
21	M24	X	-4.525	-4.525	0	%100
22	M24	Z	2.613	2.613	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	-1.131	-1.131	0	%100
26	M39A	Z	.653	.653	0	%100
27	M40	X	-1.131	-1.131	0	%100
28	M40	Z	.653	.653	0	%100
29	M54	X	-2.012	-2.012	0	%100
30	M54	Z	1.162	1.162	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	-2.32	-2.32	0	%100
34	M56	Z	1.339	1.339	0	%100
35	OVP1	X	-2.383	-2.383	0	%100
36	OVP1	Z	1.376	1.376	0	%100
37	OVP2	X	-2.383	-2.383	0	%100
38	OVP2	Z	1.376	1.376	0	%100
39	M24A	X	-2.892	-2.892	0	%100
40	M24A	Z	1.67	1.67	0	%100
41	M25	X	-.723	-.723	0	%100
42	M25	Z	.417	.417	0	%100
43	M32	X	-2.501	-2.501	0	%100
44	M32	Z	1.444	1.444	0	%100
45	M36	X	-.961	-.961	0	%100
46	M36	Z	.555	.555	0	%100
47	M40A	X	-.361	-.361	0	%100
48	M40A	Z	.209	.209	0	%100
49	MP2A	X	-2.892	-2.892	0	%100
50	MP2A	Z	1.67	1.67	0	%100
51	MP3A	X	-3.203	-3.203	0	%100
52	MP3A	Z	1.849	1.849	0	%100
53	MP4A	X	-2.892	-2.892	0	%100
54	MP4A	Z	1.67	1.67	0	%100
55	MP5A	X	-2.892	-2.892	0	%100
56	MP5A	Z	1.67	1.67	0	%100
57	MP1C	X	-2.892	-2.892	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	1.67	1.67	0	%100
59	MP2C	X	-2.892	-2.892	0	%100
60	MP2C	Z	1.67	1.67	0	%100
61	MP3C	X	-3.203	-3.203	0	%100
62	MP3C	Z	1.849	1.849	0	%100
63	MP4C	X	-2.892	-2.892	0	%100
64	MP4C	Z	1.67	1.67	0	%100
65	MP5C	X	-2.892	-2.892	0	%100
66	MP5C	Z	1.67	1.67	0	%100
67	MP1B	X	-2.892	-2.892	0	%100
68	MP1B	Z	1.67	1.67	0	%100
69	MP2B	X	-2.892	-2.892	0	%100
70	MP2B	Z	1.67	1.67	0	%100
71	MP3B	X	-3.203	-3.203	0	%100
72	MP3B	Z	1.849	1.849	0	%100
73	MP4B	X	-2.892	-2.892	0	%100
74	MP4B	Z	1.67	1.67	0	%100
75	MP5B	X	-2.892	-2.892	0	%100
76	MP5B	Z	1.67	1.67	0	%100
77	M77	X	-3.463	-3.463	0	%100
78	M77	Z	1.999	1.999	0	%100
79	M78	X	-1.832	-1.832	0	%100
80	M78	Z	1.058	1.058	0	%100
81	M79	X	-3.463	-3.463	0	%100
82	M79	Z	1.999	1.999	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.098	-3.098	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.571	-3.571	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-4.569	-4.569	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-1.142	-1.142	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-1.142	-1.142	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	MP1A	X	-3.34	-3.34	0	%100
18	MP1A	Z	0	0	0	%100
19	M23A	X	-3.919	-3.919	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	-3.919	-3.919	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	-.774	-.774	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	-3.919	-3.919	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	-3.919	-3.919	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-.774	-.774	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	-.893	-.893	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	-.893	-.893	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	-2.751	-2.751	0	%100
36	OVP1	Z	0	0	0	%100
37	OVP2	X	-2.751	-2.751	0	%100
38	OVP2	Z	0	0	0	%100
39	M24A	X	-2.505	-2.505	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	-2.505	-2.505	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	-1.834	-1.834	0	%100
44	M32	Z	0	0	0	%100
45	M36	X	-2.526	-2.526	0	%100
46	M36	Z	0	0	0	%100
47	M40A	X	-.055	-.055	0	%100
48	M40A	Z	0	0	0	%100
49	MP2A	X	-3.34	-3.34	0	%100
50	MP2A	Z	0	0	0	%100
51	MP3A	X	-3.699	-3.699	0	%100
52	MP3A	Z	0	0	0	%100
53	MP4A	X	-3.34	-3.34	0	%100
54	MP4A	Z	0	0	0	%100
55	MP5A	X	-3.34	-3.34	0	%100
56	MP5A	Z	0	0	0	%100
57	MP1C	X	-3.34	-3.34	0	%100
58	MP1C	Z	0	0	0	%100
59	MP2C	X	-3.34	-3.34	0	%100
60	MP2C	Z	0	0	0	%100
61	MP3C	X	-3.699	-3.699	0	%100
62	MP3C	Z	0	0	0	%100
63	MP4C	X	-3.34	-3.34	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	-3.34	-3.34	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	-3.34	-3.34	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	-3.34	-3.34	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	-3.699	-3.699	0	%100
72	MP3B	Z	0	0	0	%100
73	MP4B	X	-3.34	-3.34	0	%100
74	MP4B	Z	0	0	0	%100
75	MP5B	X	-3.34	-3.34	0	%100
76	MP5B	Z	0	0	0	%100
77	M77	X	-4.627	-4.627	0	%100
78	M77	Z	0	0	0	%100
79	M78	X	-2.743	-2.743	0	%100
80	M78	Z	0	0	0	%100
81	M79	X	-2.743	-2.743	0	%100
82	M79	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.012	-2.012	0	%100
2	M1	Z	-1.162	-1.162	0	%100
3	M2	X	-2.32	-2.32	0	%100
4	M2	Z	-1.339	-1.339	0	%100
5	M5	X	-2.968	-2.968	0	%100
6	M5	Z	-1.713	-1.713	0	%100
7	M6	X	-2.968	-2.968	0	%100
8	M6	Z	-1.713	-1.713	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-1.131	-1.131	0	%100
12	M6A	Z	-.653	-.653	0	%100
13	FACE	X	-1.131	-1.131	0	%100
14	FACE	Z	-.653	-.653	0	%100
15	M8	X	-.723	-.723	0	%100
16	M8	Z	-.417	-.417	0	%100
17	MP1A	X	-2.892	-2.892	0	%100
18	MP1A	Z	-1.67	-1.67	0	%100
19	M23A	X	-1.131	-1.131	0	%100
20	M23A	Z	-.653	-.653	0	%100
21	M24	X	-1.131	-1.131	0	%100
22	M24	Z	-.653	-.653	0	%100
23	M38	X	-2.012	-2.012	0	%100
24	M38	Z	-1.162	-1.162	0	%100
25	M39A	X	-4.525	-4.525	0	%100
26	M39A	Z	-2.613	-2.613	0	%100
27	M40	X	-4.525	-4.525	0	%100
28	M40	Z	-2.613	-2.613	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	-2.32	-2.32	0	%100
32	M55	Z	-1.339	-1.339	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	-2.383	-2.383	0	%100
36	OVP1	Z	-1.376	-1.376	0	%100
37	OVP2	X	-2.383	-2.383	0	%100
38	OVP2	Z	-1.376	-1.376	0	%100
39	M24A	X	-.723	-.723	0	%100
40	M24A	Z	-.417	-.417	0	%100
41	M25	X	-2.892	-2.892	0	%100
42	M25	Z	-1.67	-1.67	0	%100
43	M32	X	-.361	-.361	0	%100
44	M32	Z	-.209	-.209	0	%100
45	M36	X	-2.501	-2.501	0	%100
46	M36	Z	-1.444	-1.444	0	%100
47	M40A	X	-.961	-.961	0	%100
48	M40A	Z	-.555	-.555	0	%100
49	MP2A	X	-2.892	-2.892	0	%100
50	MP2A	Z	-1.67	-1.67	0	%100
51	MP3A	X	-3.203	-3.203	0	%100
52	MP3A	Z	-1.849	-1.849	0	%100
53	MP4A	X	-2.892	-2.892	0	%100
54	MP4A	Z	-1.67	-1.67	0	%100
55	MP5A	X	-2.892	-2.892	0	%100
56	MP5A	Z	-1.67	-1.67	0	%100
57	MP1C	X	-2.892	-2.892	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-1.67	-1.67	0	%100
59	MP2C	X	-2.892	-2.892	0	%100
60	MP2C	Z	-1.67	-1.67	0	%100
61	MP3C	X	-3.203	-3.203	0	%100
62	MP3C	Z	-1.849	-1.849	0	%100
63	MP4C	X	-2.892	-2.892	0	%100
64	MP4C	Z	-1.67	-1.67	0	%100
65	MP5C	X	-2.892	-2.892	0	%100
66	MP5C	Z	-1.67	-1.67	0	%100
67	MP1B	X	-2.892	-2.892	0	%100
68	MP1B	Z	-1.67	-1.67	0	%100
69	MP2B	X	-2.892	-2.892	0	%100
70	MP2B	Z	-1.67	-1.67	0	%100
71	MP3B	X	-3.203	-3.203	0	%100
72	MP3B	Z	-1.849	-1.849	0	%100
73	MP4B	X	-2.892	-2.892	0	%100
74	MP4B	Z	-1.67	-1.67	0	%100
75	MP5B	X	-2.892	-2.892	0	%100
76	MP5B	Z	-1.67	-1.67	0	%100
77	M77	X	-3.463	-3.463	0	%100
78	M77	Z	-1.999	-1.999	0	%100
79	M78	X	-3.463	-3.463	0	%100
80	M78	Z	-1.999	-1.999	0	%100
81	M79	X	-1.832	-1.832	0	%100
82	M79	Z	-1.058	-1.058	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.387	-.387	0	%100
2	M1	Z	-.671	-.671	0	%100
3	M2	X	-.446	-.446	0	%100
4	M2	Z	-.773	-.773	0	%100
5	M5	X	-.571	-.571	0	%100
6	M5	Z	-.989	-.989	0	%100
7	M6	X	-2.284	-2.284	0	%100
8	M6	Z	-3.957	-3.957	0	%100
9	M7	X	-.571	-.571	0	%100
10	M7	Z	-.989	-.989	0	%100
11	M6A	X	-1.959	-1.959	0	%100
12	M6A	Z	-3.394	-3.394	0	%100
13	FACE	X	-1.959	-1.959	0	%100
14	FACE	Z	-3.394	-3.394	0	%100
15	M8	X	-1.252	-1.252	0	%100
16	M8	Z	-2.169	-2.169	0	%100
17	MP1A	X	-1.67	-1.67	0	%100
18	MP1A	Z	-2.892	-2.892	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	-1.549	-1.549	0	%100
24	M38	Z	-2.683	-2.683	0	%100
25	M39A	X	-1.959	-1.959	0	%100
26	M39A	Z	-3.394	-3.394	0	%100
27	M40	X	-1.959	-1.959	0	%100
28	M40	Z	-3.394	-3.394	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-.387	-.387	0	%100
30	M54	Z	-.671	-.671	0	%100
31	M55	X	-1.786	-1.786	0	%100
32	M55	Z	-3.093	-3.093	0	%100
33	M56	X	-.446	-.446	0	%100
34	M56	Z	-.773	-.773	0	%100
35	OVP1	X	-1.376	-1.376	0	%100
36	OVP1	Z	-2.383	-2.383	0	%100
37	OVP2	X	-1.376	-1.376	0	%100
38	OVP2	Z	-2.383	-2.383	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	-1.252	-1.252	0	%100
42	M25	Z	-2.169	-2.169	0	%100
43	M32	X	-.028	-.028	0	%100
44	M32	Z	-.048	-.048	0	%100
45	M36	X	-.917	-.917	0	%100
46	M36	Z	-1.588	-1.588	0	%100
47	M40A	X	-1.263	-1.263	0	%100
48	M40A	Z	-2.188	-2.188	0	%100
49	MP2A	X	-1.67	-1.67	0	%100
50	MP2A	Z	-2.892	-2.892	0	%100
51	MP3A	X	-1.849	-1.849	0	%100
52	MP3A	Z	-3.203	-3.203	0	%100
53	MP4A	X	-1.67	-1.67	0	%100
54	MP4A	Z	-2.892	-2.892	0	%100
55	MP5A	X	-1.67	-1.67	0	%100
56	MP5A	Z	-2.892	-2.892	0	%100
57	MP1C	X	-1.67	-1.67	0	%100
58	MP1C	Z	-2.892	-2.892	0	%100
59	MP2C	X	-1.67	-1.67	0	%100
60	MP2C	Z	-2.892	-2.892	0	%100
61	MP3C	X	-1.849	-1.849	0	%100
62	MP3C	Z	-3.203	-3.203	0	%100
63	MP4C	X	-1.67	-1.67	0	%100
64	MP4C	Z	-2.892	-2.892	0	%100
65	MP5C	X	-1.67	-1.67	0	%100
66	MP5C	Z	-2.892	-2.892	0	%100
67	MP1B	X	-1.67	-1.67	0	%100
68	MP1B	Z	-2.892	-2.892	0	%100
69	MP2B	X	-1.67	-1.67	0	%100
70	MP2B	Z	-2.892	-2.892	0	%100
71	MP3B	X	-1.849	-1.849	0	%100
72	MP3B	Z	-3.203	-3.203	0	%100
73	MP4B	X	-1.67	-1.67	0	%100
74	MP4B	Z	-2.892	-2.892	0	%100
75	MP5B	X	-1.67	-1.67	0	%100
76	MP5B	Z	-2.892	-2.892	0	%100
77	M77	X	-1.372	-1.372	0	%100
78	M77	Z	-2.376	-2.376	0	%100
79	M78	X	-2.313	-2.313	0	%100
80	M78	Z	-4.007	-4.007	0	%100
81	M79	X	-1.372	-1.372	0	%100
82	M79	Z	-2.376	-2.376	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.824	-.824	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.824	-.824	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	-1.293	-1.293	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	-1.293	-1.293	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.614	-.614	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-.614	-.614	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	-.323	-.323	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	-.323	-.323	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	-.554	-.554	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	-.323	-.323	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	-.323	-.323	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	-.554	-.554	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	-.641	-.641	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	-.641	-.641	0	%100
35	OVP1	X	0	0	0	%100
36	OVP1	Z	-.502	-.502	0	%100
37	OVP2	X	0	0	0	%100
38	OVP2	Z	-.502	-.502	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	-.154	-.154	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-.154	-.154	0	%100
43	M32	X	0	0	0	%100
44	M32	Z	-.261	-.261	0	%100
45	M36	X	0	0	0	%100
46	M36	Z	-.098	-.098	0	%100
47	M40A	X	0	0	0	%100
48	M40A	Z	-.678	-.678	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	-.614	-.614	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	-.744	-.744	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	-.614	-.614	0	%100
55	MP5A	X	0	0	0	%100
56	MP5A	Z	-.614	-.614	0	%100
57	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-.614	-.614	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-.614	-.614	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	-.744	-.744	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-.614	-.614	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	-.614	-.614	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-.614	-.614	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	-.614	-.614	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-.744	-.744	0	%100
73	MP4B	X	0	0	0	%100
74	MP4B	Z	-.614	-.614	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-.614	-.614	0	%100
77	M77	X	0	0	0	%100
78	M77	Z	-.586	-.586	0	%100
79	M78	X	0	0	0	%100
80	M78	Z	-.955	-.955	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-.955	-.955	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.092	.092	0	%100
2	M1	Z	-.16	-.16	0	%100
3	M2	X	.107	.107	0	%100
4	M2	Z	-.185	-.185	0	%100
5	M5	X	.137	.137	0	%100
6	M5	Z	-.238	-.238	0	%100
7	M6	X	.137	.137	0	%100
8	M6	Z	-.238	-.238	0	%100
9	M7	X	.55	.55	0	%100
10	M7	Z	-.952	-.952	0	%100
11	M6A	X	.485	.485	0	%100
12	M6A	Z	-.84	-.84	0	%100
13	FACE	X	.485	.485	0	%100
14	FACE	Z	-.84	-.84	0	%100
15	M8	X	.23	.23	0	%100
16	M8	Z	-.399	-.399	0	%100
17	MP1A	X	.307	.307	0	%100
18	MP1A	Z	-.532	-.532	0	%100
19	M23A	X	.485	.485	0	%100
20	M23A	Z	-.84	-.84	0	%100
21	M24	X	.485	.485	0	%100
22	M24	Z	-.84	-.84	0	%100
23	M38	X	.092	.092	0	%100
24	M38	Z	-.16	-.16	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	.369	.369	0	%100
30	M54	Z	-.64	-.64	0	%100
31	M55	X	.107	.107	0	%100
32	M55	Z	-.185	-.185	0	%100
33	M56	X	.427	.427	0	%100
34	M56	Z	-.74	-.74	0	%100
35	OVP1	X	.251	.251	0	%100
36	OVP1	Z	-.435	-.435	0	%100
37	OVP2	X	.251	.251	0	%100
38	OVP2	Z	-.435	-.435	0	%100
39	M24A	X	.23	.23	0	%100
40	M24A	Z	-.399	-.399	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	.297	.297	0	%100
44	M32	Z	-.514	-.514	0	%100
45	M36	X	.006	.006	0	%100
46	M36	Z	-.011	-.011	0	%100
47	M40A	X	.215	.215	0	%100
48	M40A	Z	-.373	-.373	0	%100
49	MP2A	X	.307	.307	0	%100
50	MP2A	Z	-.532	-.532	0	%100
51	MP3A	X	.372	.372	0	%100
52	MP3A	Z	-.644	-.644	0	%100
53	MP4A	X	.307	.307	0	%100
54	MP4A	Z	-.532	-.532	0	%100
55	MP5A	X	.307	.307	0	%100
56	MP5A	Z	-.532	-.532	0	%100
57	MP1C	X	.307	.307	0	%100
58	MP1C	Z	-.532	-.532	0	%100
59	MP2C	X	.307	.307	0	%100
60	MP2C	Z	-.532	-.532	0	%100
61	MP3C	X	.372	.372	0	%100
62	MP3C	Z	-.644	-.644	0	%100
63	MP4C	X	.307	.307	0	%100
64	MP4C	Z	-.532	-.532	0	%100
65	MP5C	X	.307	.307	0	%100
66	MP5C	Z	-.532	-.532	0	%100
67	MP1B	X	.307	.307	0	%100
68	MP1B	Z	-.532	-.532	0	%100
69	MP2B	X	.307	.307	0	%100
70	MP2B	Z	-.532	-.532	0	%100
71	MP3B	X	.372	.372	0	%100
72	MP3B	Z	-.644	-.644	0	%100
73	MP4B	X	.307	.307	0	%100
74	MP4B	Z	-.532	-.532	0	%100
75	MP5B	X	.307	.307	0	%100
76	MP5B	Z	-.532	-.532	0	%100
77	M77	X	.354	.354	0	%100
78	M77	Z	-.614	-.614	0	%100
79	M78	X	.354	.354	0	%100
80	M78	Z	-.614	-.614	0	%100
81	M79	X	.539	.539	0	%100
82	M79	Z	-.933	-.933	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.48	.48	0	%100
2	M1	Z	-.277	-.277	0	%100
3	M2	X	.555	.555	0	%100
4	M2	Z	-.321	-.321	0	%100
5	M5	X	.714	.714	0	%100
6	M5	Z	-.412	-.412	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.714	.714	0	%100
10	M7	Z	-.412	-.412	0	%100
11	M6A	X	.28	.28	0	%100
12	M6A	Z	-.162	-.162	0	%100
13	FACE	X	.28	.28	0	%100
14	FACE	Z	-.162	-.162	0	%100
15	M8	X	.133	.133	0	%100
16	M8	Z	-.077	-.077	0	%100
17	MP1A	X	.532	.532	0	%100
18	MP1A	Z	-.307	-.307	0	%100
19	M23A	X	1.12	1.12	0	%100
20	M23A	Z	-.647	-.647	0	%100
21	M24	X	1.12	1.12	0	%100
22	M24	Z	-.647	-.647	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	.28	.28	0	%100
26	M39A	Z	-.162	-.162	0	%100
27	M40	X	.28	.28	0	%100
28	M40	Z	-.162	-.162	0	%100
29	M54	X	.48	.48	0	%100
30	M54	Z	-.277	-.277	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	.555	.555	0	%100
34	M56	Z	-.321	-.321	0	%100
35	OVP1	X	.435	.435	0	%100
36	OVP1	Z	-.251	-.251	0	%100
37	OVP2	X	.435	.435	0	%100
38	OVP2	Z	-.251	-.251	0	%100
39	M24A	X	.532	.532	0	%100
40	M24A	Z	-.307	-.307	0	%100
41	M25	X	.133	.133	0	%100
42	M25	Z	-.077	-.077	0	%100
43	M32	X	.588	.588	0	%100
44	M32	Z	-.339	-.339	0	%100
45	M36	X	.226	.226	0	%100
46	M36	Z	-.13	-.13	0	%100
47	M40A	X	.085	.085	0	%100
48	M40A	Z	-.049	-.049	0	%100
49	MP2A	X	.532	.532	0	%100
50	MP2A	Z	-.307	-.307	0	%100
51	MP3A	X	.644	.644	0	%100
52	MP3A	Z	-.372	-.372	0	%100
53	MP4A	X	.532	.532	0	%100
54	MP4A	Z	-.307	-.307	0	%100
55	MP5A	X	.532	.532	0	%100
56	MP5A	Z	-.307	-.307	0	%100
57	MP1C	X	.532	.532	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-.307	-.307	0	%100
59	MP2C	X	.532	.532	0	%100
60	MP2C	Z	-.307	-.307	0	%100
61	MP3C	X	.644	.644	0	%100
62	MP3C	Z	-.372	-.372	0	%100
63	MP4C	X	.532	.532	0	%100
64	MP4C	Z	-.307	-.307	0	%100
65	MP5C	X	.532	.532	0	%100
66	MP5C	Z	-.307	-.307	0	%100
67	MP1B	X	.532	.532	0	%100
68	MP1B	Z	-.307	-.307	0	%100
69	MP2B	X	.532	.532	0	%100
70	MP2B	Z	-.307	-.307	0	%100
71	MP3B	X	.644	.644	0	%100
72	MP3B	Z	-.372	-.372	0	%100
73	MP4B	X	.532	.532	0	%100
74	MP4B	Z	-.307	-.307	0	%100
75	MP5B	X	.532	.532	0	%100
76	MP5B	Z	-.307	-.307	0	%100
77	M77	X	.827	.827	0	%100
78	M77	Z	-.477	-.477	0	%100
79	M78	X	.507	.507	0	%100
80	M78	Z	-.293	-.293	0	%100
81	M79	X	.827	.827	0	%100
82	M79	Z	-.477	-.477	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.739	.739	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.855	.855	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	1.099	1.099	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.275	.275	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.275	.275	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	MP1A	X	.614	.614	0	%100
18	MP1A	Z	0	0	0	%100
19	M23A	X	.97	.97	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	.97	.97	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	.185	.185	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	.97	.97	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	.97	.97	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	.185	.185	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	.214	.214	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	.214	.214	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	.502	.502	0	%100
36	OVP1	Z	0	0	0	%100
37	OVP2	X	.502	.502	0	%100
38	OVP2	Z	0	0	0	%100
39	M24A	X	.461	.461	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	.461	.461	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	.431	.431	0	%100
44	M32	Z	0	0	0	%100
45	M36	X	.593	.593	0	%100
46	M36	Z	0	0	0	%100
47	M40A	X	.013	.013	0	%100
48	M40A	Z	0	0	0	%100
49	MP2A	X	.614	.614	0	%100
50	MP2A	Z	0	0	0	%100
51	MP3A	X	.744	.744	0	%100
52	MP3A	Z	0	0	0	%100
53	MP4A	X	.614	.614	0	%100
54	MP4A	Z	0	0	0	%100
55	MP5A	X	.614	.614	0	%100
56	MP5A	Z	0	0	0	%100
57	MP1C	X	.614	.614	0	%100
58	MP1C	Z	0	0	0	%100
59	MP2C	X	.614	.614	0	%100
60	MP2C	Z	0	0	0	%100
61	MP3C	X	.744	.744	0	%100
62	MP3C	Z	0	0	0	%100
63	MP4C	X	.614	.614	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	.614	.614	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	.614	.614	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	.614	.614	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	.744	.744	0	%100
72	MP3B	Z	0	0	0	%100
73	MP4B	X	.614	.614	0	%100
74	MP4B	Z	0	0	0	%100
75	MP5B	X	.614	.614	0	%100
76	MP5B	Z	0	0	0	%100
77	M77	X	1.078	1.078	0	%100
78	M77	Z	0	0	0	%100
79	M78	X	.709	.709	0	%100
80	M78	Z	0	0	0	%100
81	M79	X	.709	.709	0	%100
82	M79	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.48	.48	0	%100
2	M1	Z	.277	.277	0	%100
3	M2	X	.555	.555	0	%100
4	M2	Z	.321	.321	0	%100
5	M5	X	.714	.714	0	%100
6	M5	Z	.412	.412	0	%100
7	M6	X	.714	.714	0	%100
8	M6	Z	.412	.412	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	.28	.28	0	%100
12	M6A	Z	.162	.162	0	%100
13	FACE	X	.28	.28	0	%100
14	FACE	Z	.162	.162	0	%100
15	M8	X	.133	.133	0	%100
16	M8	Z	.077	.077	0	%100
17	MP1A	X	.532	.532	0	%100
18	MP1A	Z	.307	.307	0	%100
19	M23A	X	.28	.28	0	%100
20	M23A	Z	.162	.162	0	%100
21	M24	X	.28	.28	0	%100
22	M24	Z	.162	.162	0	%100
23	M38	X	.48	.48	0	%100
24	M38	Z	.277	.277	0	%100
25	M39A	X	1.12	1.12	0	%100
26	M39A	Z	.647	.647	0	%100
27	M40	X	1.12	1.12	0	%100
28	M40	Z	.647	.647	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	.555	.555	0	%100
32	M55	Z	.321	.321	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	.435	.435	0	%100
36	OVP1	Z	.251	.251	0	%100
37	OVP2	X	.435	.435	0	%100
38	OVP2	Z	.251	.251	0	%100
39	M24A	X	.133	.133	0	%100
40	M24A	Z	.077	.077	0	%100
41	M25	X	.532	.532	0	%100
42	M25	Z	.307	.307	0	%100
43	M32	X	.085	.085	0	%100
44	M32	Z	.049	.049	0	%100
45	M36	X	.588	.588	0	%100
46	M36	Z	.339	.339	0	%100
47	M40A	X	.226	.226	0	%100
48	M40A	Z	.13	.13	0	%100
49	MP2A	X	.532	.532	0	%100
50	MP2A	Z	.307	.307	0	%100
51	MP3A	X	.644	.644	0	%100
52	MP3A	Z	.372	.372	0	%100
53	MP4A	X	.532	.532	0	%100
54	MP4A	Z	.307	.307	0	%100
55	MP5A	X	.532	.532	0	%100
56	MP5A	Z	.307	.307	0	%100
57	MP1C	X	.532	.532	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	.307	.307	0	%100
59	MP2C	X	.532	.532	0	%100
60	MP2C	Z	.307	.307	0	%100
61	MP3C	X	.644	.644	0	%100
62	MP3C	Z	.372	.372	0	%100
63	MP4C	X	.532	.532	0	%100
64	MP4C	Z	.307	.307	0	%100
65	MP5C	X	.532	.532	0	%100
66	MP5C	Z	.307	.307	0	%100
67	MP1B	X	.532	.532	0	%100
68	MP1B	Z	.307	.307	0	%100
69	MP2B	X	.532	.532	0	%100
70	MP2B	Z	.307	.307	0	%100
71	MP3B	X	.644	.644	0	%100
72	MP3B	Z	.372	.372	0	%100
73	MP4B	X	.532	.532	0	%100
74	MP4B	Z	.307	.307	0	%100
75	MP5B	X	.532	.532	0	%100
76	MP5B	Z	.307	.307	0	%100
77	M77	X	.827	.827	0	%100
78	M77	Z	.477	.477	0	%100
79	M78	X	.827	.827	0	%100
80	M78	Z	.477	.477	0	%100
81	M79	X	.507	.507	0	%100
82	M79	Z	.293	.293	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.092	.092	0	%100
2	M1	Z	.16	.16	0	%100
3	M2	X	.107	.107	0	%100
4	M2	Z	.185	.185	0	%100
5	M5	X	.137	.137	0	%100
6	M5	Z	.238	.238	0	%100
7	M6	X	.55	.55	0	%100
8	M6	Z	.952	.952	0	%100
9	M7	X	.137	.137	0	%100
10	M7	Z	.238	.238	0	%100
11	M6A	X	.485	.485	0	%100
12	M6A	Z	.84	.84	0	%100
13	FACE	X	.485	.485	0	%100
14	FACE	Z	.84	.84	0	%100
15	M8	X	.23	.23	0	%100
16	M8	Z	.399	.399	0	%100
17	MP1A	X	.307	.307	0	%100
18	MP1A	Z	.532	.532	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	.369	.369	0	%100
24	M38	Z	.64	.64	0	%100
25	M39A	X	.485	.485	0	%100
26	M39A	Z	.84	.84	0	%100
27	M40	X	.485	.485	0	%100
28	M40	Z	.84	.84	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	.092	.092	0	%100
30	M54	Z	.16	.16	0	%100
31	M55	X	.427	.427	0	%100
32	M55	Z	.74	.74	0	%100
33	M56	X	.107	.107	0	%100
34	M56	Z	.185	.185	0	%100
35	OVP1	X	.251	.251	0	%100
36	OVP1	Z	.435	.435	0	%100
37	OVP2	X	.251	.251	0	%100
38	OVP2	Z	.435	.435	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	.23	.23	0	%100
42	M25	Z	.399	.399	0	%100
43	M32	X	.006	.006	0	%100
44	M32	Z	.011	.011	0	%100
45	M36	X	.215	.215	0	%100
46	M36	Z	.373	.373	0	%100
47	M40A	X	.297	.297	0	%100
48	M40A	Z	.514	.514	0	%100
49	MP2A	X	.307	.307	0	%100
50	MP2A	Z	.532	.532	0	%100
51	MP3A	X	.372	.372	0	%100
52	MP3A	Z	.644	.644	0	%100
53	MP4A	X	.307	.307	0	%100
54	MP4A	Z	.532	.532	0	%100
55	MP5A	X	.307	.307	0	%100
56	MP5A	Z	.532	.532	0	%100
57	MP1C	X	.307	.307	0	%100
58	MP1C	Z	.532	.532	0	%100
59	MP2C	X	.307	.307	0	%100
60	MP2C	Z	.532	.532	0	%100
61	MP3C	X	.372	.372	0	%100
62	MP3C	Z	.644	.644	0	%100
63	MP4C	X	.307	.307	0	%100
64	MP4C	Z	.532	.532	0	%100
65	MP5C	X	.307	.307	0	%100
66	MP5C	Z	.532	.532	0	%100
67	MP1B	X	.307	.307	0	%100
68	MP1B	Z	.532	.532	0	%100
69	MP2B	X	.307	.307	0	%100
70	MP2B	Z	.532	.532	0	%100
71	MP3B	X	.372	.372	0	%100
72	MP3B	Z	.644	.644	0	%100
73	MP4B	X	.307	.307	0	%100
74	MP4B	Z	.532	.532	0	%100
75	MP5B	X	.307	.307	0	%100
76	MP5B	Z	.532	.532	0	%100
77	M77	X	.354	.354	0	%100
78	M77	Z	.614	.614	0	%100
79	M78	X	.539	.539	0	%100
80	M78	Z	.933	.933	0	%100
81	M79	X	.354	.354	0	%100
82	M79	Z	.614	.614	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.824	.824	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.824	.824	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	1.293	1.293	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	1.293	1.293	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.614	.614	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	.614	.614	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	.323	.323	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	.323	.323	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	.554	.554	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	.323	.323	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	.323	.323	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	.554	.554	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	.641	.641	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	.641	.641	0	%100
35	OVP1	X	0	0	0	%100
36	OVP1	Z	.502	.502	0	%100
37	OVP2	X	0	0	0	%100
38	OVP2	Z	.502	.502	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	.154	.154	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	.154	.154	0	%100
43	M32	X	0	0	0	%100
44	M32	Z	.261	.261	0	%100
45	M36	X	0	0	0	%100
46	M36	Z	.098	.098	0	%100
47	M40A	X	0	0	0	%100
48	M40A	Z	.678	.678	0	%100
49	MP2A	X	0	0	0	%100
50	MP2A	Z	.614	.614	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	.744	.744	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	.614	.614	0	%100
55	MP5A	X	0	0	0	%100
56	MP5A	Z	.614	.614	0	%100
57	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	.614	.614	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	.614	.614	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	.744	.744	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	.614	.614	0	%100
65	MP5C	X	0	0	0	%100
66	MP5C	Z	.614	.614	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	.614	.614	0	%100
69	MP2B	X	0	0	0	%100
70	MP2B	Z	.614	.614	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	.744	.744	0	%100
73	MP4B	X	0	0	0	%100
74	MP4B	Z	.614	.614	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	.614	.614	0	%100
77	M77	X	0	0	0	%100
78	M77	Z	.586	.586	0	%100
79	M78	X	0	0	0	%100
80	M78	Z	.955	.955	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	.955	.955	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.092	-.092	0	%100
2	M1	Z	.16	.16	0	%100
3	M2	X	-.107	-.107	0	%100
4	M2	Z	.185	.185	0	%100
5	M5	X	-.137	-.137	0	%100
6	M5	Z	.238	.238	0	%100
7	M6	X	-.137	-.137	0	%100
8	M6	Z	.238	.238	0	%100
9	M7	X	-.55	-.55	0	%100
10	M7	Z	.952	.952	0	%100
11	M6A	X	-.485	-.485	0	%100
12	M6A	Z	.84	.84	0	%100
13	FACE	X	-.485	-.485	0	%100
14	FACE	Z	.84	.84	0	%100
15	M8	X	-.23	-.23	0	%100
16	M8	Z	.399	.399	0	%100
17	MP1A	X	-.307	-.307	0	%100
18	MP1A	Z	.532	.532	0	%100
19	M23A	X	-.485	-.485	0	%100
20	M23A	Z	.84	.84	0	%100
21	M24	X	-.485	-.485	0	%100
22	M24	Z	.84	.84	0	%100
23	M38	X	-.092	-.092	0	%100
24	M38	Z	.16	.16	0	%100
25	M39A	X	0	0	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	0	0	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-.369	-.369	0	%100
30	M54	Z	.64	.64	0	%100
31	M55	X	-.107	-.107	0	%100
32	M55	Z	.185	.185	0	%100
33	M56	X	-.427	-.427	0	%100
34	M56	Z	.74	.74	0	%100
35	OVP1	X	-.251	-.251	0	%100
36	OVP1	Z	.435	.435	0	%100
37	OVP2	X	-.251	-.251	0	%100
38	OVP2	Z	.435	.435	0	%100
39	M24A	X	-.23	-.23	0	%100
40	M24A	Z	.399	.399	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	-.297	-.297	0	%100
44	M32	Z	.514	.514	0	%100
45	M36	X	-.006	-.006	0	%100
46	M36	Z	.011	.011	0	%100
47	M40A	X	-.215	-.215	0	%100
48	M40A	Z	.373	.373	0	%100
49	MP2A	X	-.307	-.307	0	%100
50	MP2A	Z	.532	.532	0	%100
51	MP3A	X	-.372	-.372	0	%100
52	MP3A	Z	.644	.644	0	%100
53	MP4A	X	-.307	-.307	0	%100
54	MP4A	Z	.532	.532	0	%100
55	MP5A	X	-.307	-.307	0	%100
56	MP5A	Z	.532	.532	0	%100
57	MP1C	X	-.307	-.307	0	%100
58	MP1C	Z	.532	.532	0	%100
59	MP2C	X	-.307	-.307	0	%100
60	MP2C	Z	.532	.532	0	%100
61	MP3C	X	-.372	-.372	0	%100
62	MP3C	Z	.644	.644	0	%100
63	MP4C	X	-.307	-.307	0	%100
64	MP4C	Z	.532	.532	0	%100
65	MP5C	X	-.307	-.307	0	%100
66	MP5C	Z	.532	.532	0	%100
67	MP1B	X	-.307	-.307	0	%100
68	MP1B	Z	.532	.532	0	%100
69	MP2B	X	-.307	-.307	0	%100
70	MP2B	Z	.532	.532	0	%100
71	MP3B	X	-.372	-.372	0	%100
72	MP3B	Z	.644	.644	0	%100
73	MP4B	X	-.307	-.307	0	%100
74	MP4B	Z	.532	.532	0	%100
75	MP5B	X	-.307	-.307	0	%100
76	MP5B	Z	.532	.532	0	%100
77	M77	X	-.354	-.354	0	%100
78	M77	Z	.614	.614	0	%100
79	M78	X	-.354	-.354	0	%100
80	M78	Z	.614	.614	0	%100
81	M79	X	-.539	-.539	0	%100
82	M79	Z	.933	.933	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.48	-.48	0	%100
2	M1	Z	.277	.277	0	%100
3	M2	X	-.555	-.555	0	%100
4	M2	Z	.321	.321	0	%100
5	M5	X	-.714	-.714	0	%100
6	M5	Z	.412	.412	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.714	-.714	0	%100
10	M7	Z	.412	.412	0	%100
11	M6A	X	-.28	-.28	0	%100
12	M6A	Z	.162	.162	0	%100
13	FACE	X	-.28	-.28	0	%100
14	FACE	Z	.162	.162	0	%100
15	M8	X	-.133	-.133	0	%100
16	M8	Z	.077	.077	0	%100
17	MP1A	X	-.532	-.532	0	%100
18	MP1A	Z	.307	.307	0	%100
19	M23A	X	-1.12	-1.12	0	%100
20	M23A	Z	.647	.647	0	%100
21	M24	X	-1.12	-1.12	0	%100
22	M24	Z	.647	.647	0	%100
23	M38	X	0	0	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	-.28	-.28	0	%100
26	M39A	Z	.162	.162	0	%100
27	M40	X	-.28	-.28	0	%100
28	M40	Z	.162	.162	0	%100
29	M54	X	-.48	-.48	0	%100
30	M54	Z	.277	.277	0	%100
31	M55	X	0	0	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	-.555	-.555	0	%100
34	M56	Z	.321	.321	0	%100
35	OVP1	X	-.435	-.435	0	%100
36	OVP1	Z	.251	.251	0	%100
37	OVP2	X	-.435	-.435	0	%100
38	OVP2	Z	.251	.251	0	%100
39	M24A	X	-.532	-.532	0	%100
40	M24A	Z	.307	.307	0	%100
41	M25	X	-.133	-.133	0	%100
42	M25	Z	.077	.077	0	%100
43	M32	X	-.588	-.588	0	%100
44	M32	Z	.339	.339	0	%100
45	M36	X	-.226	-.226	0	%100
46	M36	Z	.13	.13	0	%100
47	M40A	X	-.085	-.085	0	%100
48	M40A	Z	.049	.049	0	%100
49	MP2A	X	-.532	-.532	0	%100
50	MP2A	Z	.307	.307	0	%100
51	MP3A	X	-.644	-.644	0	%100
52	MP3A	Z	.372	.372	0	%100
53	MP4A	X	-.532	-.532	0	%100
54	MP4A	Z	.307	.307	0	%100
55	MP5A	X	-.532	-.532	0	%100
56	MP5A	Z	.307	.307	0	%100
57	MP1C	X	-.532	-.532	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	.307	.307	0	%100
59	MP2C	X	-.532	-.532	0	%100
60	MP2C	Z	.307	.307	0	%100
61	MP3C	X	-.644	-.644	0	%100
62	MP3C	Z	.372	.372	0	%100
63	MP4C	X	-.532	-.532	0	%100
64	MP4C	Z	.307	.307	0	%100
65	MP5C	X	-.532	-.532	0	%100
66	MP5C	Z	.307	.307	0	%100
67	MP1B	X	-.532	-.532	0	%100
68	MP1B	Z	.307	.307	0	%100
69	MP2B	X	-.532	-.532	0	%100
70	MP2B	Z	.307	.307	0	%100
71	MP3B	X	-.644	-.644	0	%100
72	MP3B	Z	.372	.372	0	%100
73	MP4B	X	-.532	-.532	0	%100
74	MP4B	Z	.307	.307	0	%100
75	MP5B	X	-.532	-.532	0	%100
76	MP5B	Z	.307	.307	0	%100
77	M77	X	-.827	-.827	0	%100
78	M77	Z	.477	.477	0	%100
79	M78	X	-.507	-.507	0	%100
80	M78	Z	.293	.293	0	%100
81	M79	X	-.827	-.827	0	%100
82	M79	Z	.477	.477	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.739	-.739	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.855	-.855	0	%100
4	M2	Z	0	0	0	%100
5	M5	X	-1.099	-1.099	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.275	-.275	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.275	-.275	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	0	0	0	%100
12	M6A	Z	0	0	0	%100
13	FACE	X	0	0	0	%100
14	FACE	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	MP1A	X	-.614	-.614	0	%100
18	MP1A	Z	0	0	0	%100
19	M23A	X	-.97	-.97	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	-.97	-.97	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	-.185	-.185	0	%100
24	M38	Z	0	0	0	%100
25	M39A	X	-.97	-.97	0	%100
26	M39A	Z	0	0	0	%100
27	M40	X	-.97	-.97	0	%100
28	M40	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-.185	-.185	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	-.214	-.214	0	%100
32	M55	Z	0	0	0	%100
33	M56	X	-.214	-.214	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	-.502	-.502	0	%100
36	OVP1	Z	0	0	0	%100
37	OVP2	X	-.502	-.502	0	%100
38	OVP2	Z	0	0	0	%100
39	M24A	X	-.461	-.461	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	-.461	-.461	0	%100
42	M25	Z	0	0	0	%100
43	M32	X	-.431	-.431	0	%100
44	M32	Z	0	0	0	%100
45	M36	X	-.593	-.593	0	%100
46	M36	Z	0	0	0	%100
47	M40A	X	-.013	-.013	0	%100
48	M40A	Z	0	0	0	%100
49	MP2A	X	-.614	-.614	0	%100
50	MP2A	Z	0	0	0	%100
51	MP3A	X	-.744	-.744	0	%100
52	MP3A	Z	0	0	0	%100
53	MP4A	X	-.614	-.614	0	%100
54	MP4A	Z	0	0	0	%100
55	MP5A	X	-.614	-.614	0	%100
56	MP5A	Z	0	0	0	%100
57	MP1C	X	-.614	-.614	0	%100
58	MP1C	Z	0	0	0	%100
59	MP2C	X	-.614	-.614	0	%100
60	MP2C	Z	0	0	0	%100
61	MP3C	X	-.744	-.744	0	%100
62	MP3C	Z	0	0	0	%100
63	MP4C	X	-.614	-.614	0	%100
64	MP4C	Z	0	0	0	%100
65	MP5C	X	-.614	-.614	0	%100
66	MP5C	Z	0	0	0	%100
67	MP1B	X	-.614	-.614	0	%100
68	MP1B	Z	0	0	0	%100
69	MP2B	X	-.614	-.614	0	%100
70	MP2B	Z	0	0	0	%100
71	MP3B	X	-.744	-.744	0	%100
72	MP3B	Z	0	0	0	%100
73	MP4B	X	-.614	-.614	0	%100
74	MP4B	Z	0	0	0	%100
75	MP5B	X	-.614	-.614	0	%100
76	MP5B	Z	0	0	0	%100
77	M77	X	-1.078	-1.078	0	%100
78	M77	Z	0	0	0	%100
79	M78	X	-.709	-.709	0	%100
80	M78	Z	0	0	0	%100
81	M79	X	-.709	-.709	0	%100
82	M79	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.48	-.48	0	%100
2	M1	Z	-.277	-.277	0	%100
3	M2	X	-.555	-.555	0	%100
4	M2	Z	-.321	-.321	0	%100
5	M5	X	-.714	-.714	0	%100
6	M5	Z	-.412	-.412	0	%100
7	M6	X	-.714	-.714	0	%100
8	M6	Z	-.412	-.412	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M6A	X	-.28	-.28	0	%100
12	M6A	Z	-.162	-.162	0	%100
13	FACE	X	-.28	-.28	0	%100
14	FACE	Z	-.162	-.162	0	%100
15	M8	X	-.133	-.133	0	%100
16	M8	Z	-.077	-.077	0	%100
17	MP1A	X	-.532	-.532	0	%100
18	MP1A	Z	-.307	-.307	0	%100
19	M23A	X	-.28	-.28	0	%100
20	M23A	Z	-.162	-.162	0	%100
21	M24	X	-.28	-.28	0	%100
22	M24	Z	-.162	-.162	0	%100
23	M38	X	-.48	-.48	0	%100
24	M38	Z	-.277	-.277	0	%100
25	M39A	X	-1.12	-1.12	0	%100
26	M39A	Z	-.647	-.647	0	%100
27	M40	X	-1.12	-1.12	0	%100
28	M40	Z	-.647	-.647	0	%100
29	M54	X	0	0	0	%100
30	M54	Z	0	0	0	%100
31	M55	X	-.555	-.555	0	%100
32	M55	Z	-.321	-.321	0	%100
33	M56	X	0	0	0	%100
34	M56	Z	0	0	0	%100
35	OVP1	X	-.435	-.435	0	%100
36	OVP1	Z	-.251	-.251	0	%100
37	OVP2	X	-.435	-.435	0	%100
38	OVP2	Z	-.251	-.251	0	%100
39	M24A	X	-.133	-.133	0	%100
40	M24A	Z	-.077	-.077	0	%100
41	M25	X	-.532	-.532	0	%100
42	M25	Z	-.307	-.307	0	%100
43	M32	X	-.085	-.085	0	%100
44	M32	Z	-.049	-.049	0	%100
45	M36	X	-.588	-.588	0	%100
46	M36	Z	-.339	-.339	0	%100
47	M40A	X	-.226	-.226	0	%100
48	M40A	Z	-.13	-.13	0	%100
49	MP2A	X	-.532	-.532	0	%100
50	MP2A	Z	-.307	-.307	0	%100
51	MP3A	X	-.644	-.644	0	%100
52	MP3A	Z	-.372	-.372	0	%100
53	MP4A	X	-.532	-.532	0	%100
54	MP4A	Z	-.307	-.307	0	%100
55	MP5A	X	-.532	-.532	0	%100
56	MP5A	Z	-.307	-.307	0	%100
57	MP1C	X	-.532	-.532	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	MP1C	Z	-.307	-.307	0	%100
59	MP2C	X	-.532	-.532	0	%100
60	MP2C	Z	-.307	-.307	0	%100
61	MP3C	X	-.644	-.644	0	%100
62	MP3C	Z	-.372	-.372	0	%100
63	MP4C	X	-.532	-.532	0	%100
64	MP4C	Z	-.307	-.307	0	%100
65	MP5C	X	-.532	-.532	0	%100
66	MP5C	Z	-.307	-.307	0	%100
67	MP1B	X	-.532	-.532	0	%100
68	MP1B	Z	-.307	-.307	0	%100
69	MP2B	X	-.532	-.532	0	%100
70	MP2B	Z	-.307	-.307	0	%100
71	MP3B	X	-.644	-.644	0	%100
72	MP3B	Z	-.372	-.372	0	%100
73	MP4B	X	-.532	-.532	0	%100
74	MP4B	Z	-.307	-.307	0	%100
75	MP5B	X	-.532	-.532	0	%100
76	MP5B	Z	-.307	-.307	0	%100
77	M77	X	-.827	-.827	0	%100
78	M77	Z	-.477	-.477	0	%100
79	M78	X	-.827	-.827	0	%100
80	M78	Z	-.477	-.477	0	%100
81	M79	X	-.507	-.507	0	%100
82	M79	Z	-.293	-.293	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.092	-.092	0	%100
2	M1	Z	-.16	-.16	0	%100
3	M2	X	-.107	-.107	0	%100
4	M2	Z	-.185	-.185	0	%100
5	M5	X	-.137	-.137	0	%100
6	M5	Z	-.238	-.238	0	%100
7	M6	X	-.55	-.55	0	%100
8	M6	Z	-.952	-.952	0	%100
9	M7	X	-.137	-.137	0	%100
10	M7	Z	-.238	-.238	0	%100
11	M6A	X	-.485	-.485	0	%100
12	M6A	Z	-.84	-.84	0	%100
13	FACE	X	-.485	-.485	0	%100
14	FACE	Z	-.84	-.84	0	%100
15	M8	X	-.23	-.23	0	%100
16	M8	Z	-.399	-.399	0	%100
17	MP1A	X	-.307	-.307	0	%100
18	MP1A	Z	-.532	-.532	0	%100
19	M23A	X	0	0	0	%100
20	M23A	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M38	X	-.369	-.369	0	%100
24	M38	Z	-.64	-.64	0	%100
25	M39A	X	-.485	-.485	0	%100
26	M39A	Z	-.84	-.84	0	%100
27	M40	X	-.485	-.485	0	%100
28	M40	Z	-.84	-.84	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	M54	X	-.092	-.092	0	%100
30	M54	Z	-.16	-.16	0	%100
31	M55	X	-.427	-.427	0	%100
32	M55	Z	-.74	-.74	0	%100
33	M56	X	-.107	-.107	0	%100
34	M56	Z	-.185	-.185	0	%100
35	OVP1	X	-.251	-.251	0	%100
36	OVP1	Z	-.435	-.435	0	%100
37	OVP2	X	-.251	-.251	0	%100
38	OVP2	Z	-.435	-.435	0	%100
39	M24A	X	0	0	0	%100
40	M24A	Z	0	0	0	%100
41	M25	X	-.23	-.23	0	%100
42	M25	Z	-.399	-.399	0	%100
43	M32	X	-.006	-.006	0	%100
44	M32	Z	-.011	-.011	0	%100
45	M36	X	-.215	-.215	0	%100
46	M36	Z	-.373	-.373	0	%100
47	M40A	X	-.297	-.297	0	%100
48	M40A	Z	-.514	-.514	0	%100
49	MP2A	X	-.307	-.307	0	%100
50	MP2A	Z	-.532	-.532	0	%100
51	MP3A	X	-.372	-.372	0	%100
52	MP3A	Z	-.644	-.644	0	%100
53	MP4A	X	-.307	-.307	0	%100
54	MP4A	Z	-.532	-.532	0	%100
55	MP5A	X	-.307	-.307	0	%100
56	MP5A	Z	-.532	-.532	0	%100
57	MP1C	X	-.307	-.307	0	%100
58	MP1C	Z	-.532	-.532	0	%100
59	MP2C	X	-.307	-.307	0	%100
60	MP2C	Z	-.532	-.532	0	%100
61	MP3C	X	-.372	-.372	0	%100
62	MP3C	Z	-.644	-.644	0	%100
63	MP4C	X	-.307	-.307	0	%100
64	MP4C	Z	-.532	-.532	0	%100
65	MP5C	X	-.307	-.307	0	%100
66	MP5C	Z	-.532	-.532	0	%100
67	MP1B	X	-.307	-.307	0	%100
68	MP1B	Z	-.532	-.532	0	%100
69	MP2B	X	-.307	-.307	0	%100
70	MP2B	Z	-.532	-.532	0	%100
71	MP3B	X	-.372	-.372	0	%100
72	MP3B	Z	-.644	-.644	0	%100
73	MP4B	X	-.307	-.307	0	%100
74	MP4B	Z	-.532	-.532	0	%100
75	MP5B	X	-.307	-.307	0	%100
76	MP5B	Z	-.532	-.532	0	%100
77	M77	X	-.354	-.354	0	%100
78	M77	Z	-.614	-.614	0	%100
79	M78	X	-.539	-.539	0	%100
80	M78	Z	-.933	-.933	0	%100
81	M79	X	-.354	-.354	0	%100
82	M79	Z	-.614	-.614	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

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

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	Y	-9.499	-9.499	0	2
2	M6	Y	-1.126	-5.212	0	2
3	M6	Y	-5.212	-9.298	2	4
4	M7	Y	-1.126	-5.212	0	2
5	M7	Y	-5.212	-9.298	2	4
6	M6A	Y	-3.98	-3.98	.037	7.397
7	FACE	Y	-1.192	-2.79	0	2.394
8	FACE	Y	-2.79	-3.82	2.394	4.787
9	FACE	Y	-3.82	-4.052	4.787	7.181
10	FACE	Y	-4.052	-3.82	7.181	9.574
11	FACE	Y	-3.82	-2.79	9.574	11.968
12	FACE	Y	-2.79	-1.192	11.968	14.362
13	M5	Y	-1.126	-5.212	0	2
14	M5	Y	-5.212	-9.298	2	4
15	M23A	Y	-3.98	-3.98	.037	7.397
16	M24	Y	-1.192	-2.79	0	2.394
17	M24	Y	-2.79	-3.82	2.394	4.787
18	M24	Y	-3.82	-4.052	4.787	7.181
19	M24	Y	-4.052	-3.82	7.181	9.574
20	M24	Y	-3.82	-2.79	9.574	11.968
21	M24	Y	-2.79	-1.192	11.968	14.362
22	M55	Y	-9.499	-9.499	0	2
23	M39A	Y	-3.98	-3.98	.037	7.397
24	M40	Y	-1.192	-2.79	0	2.394
25	M40	Y	-2.79	-3.82	2.394	4.787
26	M40	Y	-3.82	-4.052	4.787	7.181
27	M40	Y	-4.052	-3.82	7.181	9.574
28	M40	Y	-3.82	-2.79	9.574	11.968
29	M40	Y	-2.79	-1.192	11.968	14.362
30	M56	Y	-9.499	-9.499	3.364e-14	2

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	Y	-18.217	-18.217	0	2
2	M6	Y	-2.158	-9.994	0	2
3	M6	Y	-9.994	-17.83	2	4
4	M7	Y	-2.158	-9.994	0	2
5	M7	Y	-9.994	-17.83	2	4
6	M6A	Y	-7.632	-7.632	.037	7.397
7	FACE	Y	-2.286	-5.35	0	2.394
8	FACE	Y	-5.35	-7.326	2.394	4.787
9	FACE	Y	-7.326	-7.77	4.787	7.181
10	FACE	Y	-7.77	-7.326	7.181	9.574
11	FACE	Y	-7.326	-5.35	9.574	11.968
12	FACE	Y	-5.35	-2.286	11.968	14.362
13	M5	Y	-2.158	-9.994	0	2
14	M5	Y	-9.994	-17.83	2	4
15	M23A	Y	-7.632	-7.632	.037	7.397
16	M24	Y	-2.286	-5.35	0	2.394
17	M24	Y	-5.35	-7.326	2.394	4.787
18	M24	Y	-7.326	-7.77	4.787	7.181
19	M24	Y	-7.77	-7.326	7.181	9.574
20	M24	Y	-7.326	-5.35	9.574	11.968
21	M24	Y	-5.35	-2.286	11.968	14.362
22	M55	Y	-18.217	-18.217	0	2
23	M39A	Y	-7.632	-7.632	.037	7.397

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
24	M40	Y	-2.286	-5.35	0	2.394
25	M40	Y	-5.35	-7.326	2.394	4.787
26	M40	Y	-7.326	-7.77	4.787	7.181
27	M40	Y	-7.77	-7.326	7.181	9.574
28	M40	Y	-7.326	-5.35	9.574	11.968
29	M40	Y	-5.35	-2.286	11.968	14.362
30	M56	Y	-18.217	-18.217	3.364e-14	2

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	Y	-.418	-.418	0	2
2	M6	Y	-.05	-.23	0	2
3	M6	Y	-.23	-.409	2	4
4	M7	Y	-.05	-.23	0	2
5	M7	Y	-.23	-.409	2	4
6	M6A	Y	-.175	-.175	.037	7.397
7	FACE	Y	-.053	-.123	0	2.394
8	FACE	Y	-.123	-.168	2.394	4.787
9	FACE	Y	-.168	-.178	4.787	7.181
10	FACE	Y	-.178	-.168	7.181	9.574
11	FACE	Y	-.168	-.123	9.574	11.968
12	FACE	Y	-.123	-.053	11.968	14.362
13	M5	Y	-.05	-.23	0	2
14	M5	Y	-.23	-.409	2	4
15	M23A	Y	-.175	-.175	.037	7.397
16	M24	Y	-.053	-.123	0	2.394
17	M24	Y	-.123	-.168	2.394	4.787
18	M24	Y	-.168	-.178	4.787	7.181
19	M24	Y	-.178	-.168	7.181	9.574
20	M24	Y	-.168	-.123	9.574	11.968
21	M24	Y	-.123	-.053	11.968	14.362
22	M55	Y	-.418	-.418	0	2
23	M39A	Y	-.175	-.175	.037	7.397
24	M40	Y	-.053	-.123	0	2.394
25	M40	Y	-.123	-.168	2.394	4.787
26	M40	Y	-.168	-.178	4.787	7.181
27	M40	Y	-.178	-.168	7.181	9.574
28	M40	Y	-.168	-.123	9.574	11.968
29	M40	Y	-.123	-.053	11.968	14.362
30	M56	Y	-.418	-.418	3.364e-14	2

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	Z	-1.043	-1.043	0	2
2	M6	Z	-.124	-.572	0	2
3	M6	Z	-.572	-1.021	2	4
4	M7	Z	-.124	-.572	0	2
5	M7	Z	-.572	-1.021	2	4
6	M6A	Z	-.437	-.437	.037	7.397
7	FACE	Z	-.131	-.306	0	2.394
8	FACE	Z	-.306	-.419	2.394	4.787
9	FACE	Z	-.419	-.445	4.787	7.181
10	FACE	Z	-.445	-.419	7.181	9.574
11	FACE	Z	-.419	-.306	9.574	11.968
12	FACE	Z	-.306	-.131	11.968	14.362
13	M5	Z	-.124	-.572	0	2

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
14	M5	Z	-.572	-1.021	2	4
15	M23A	Z	-.437	-.437	.037	7.397
16	M24	Z	-.131	-.306	0	2.394
17	M24	Z	-.306	-.419	2.394	4.787
18	M24	Z	-.419	-.445	4.787	7.181
19	M24	Z	-.445	-.419	7.181	9.574
20	M24	Z	-.419	-.306	9.574	11.968
21	M24	Z	-.306	-.131	11.968	14.362
22	M55	Z	-1.043	-1.043	0	2
23	M39A	Z	-.437	-.437	.037	7.397
24	M40	Z	-.131	-.306	0	2.394
25	M40	Z	-.306	-.419	2.394	4.787
26	M40	Z	-.419	-.445	4.787	7.181
27	M40	Z	-.445	-.419	7.181	9.574
28	M40	Z	-.419	-.306	9.574	11.968
29	M40	Z	-.306	-.131	11.968	14.362
30	M56	Z	-1.043	-1.043	3.364e-14	2

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M2	X	1.043	1.043	0	2
2	M6	X	.124	.572	0	2
3	M6	X	.572	1.021	2	4
4	M7	X	.124	.572	0	2
5	M7	X	.572	1.021	2	4
6	M6A	X	.437	.437	.037	7.397
7	FACE	X	.131	.306	0	2.394
8	FACE	X	.306	.419	2.394	4.787
9	FACE	X	.419	.445	4.787	7.181
10	FACE	X	.445	.419	7.181	9.574
11	FACE	X	.419	.306	9.574	11.968
12	FACE	X	.306	.131	11.968	14.362
13	M5	X	.124	.572	0	2
14	M5	X	.572	1.021	2	4
15	M23A	X	.437	.437	.037	7.397
16	M24	X	.131	.306	0	2.394
17	M24	X	.306	.419	2.394	4.787
18	M24	X	.419	.445	4.787	7.181
19	M24	X	.445	.419	7.181	9.574
20	M24	X	.419	.306	9.574	11.968
21	M24	X	.306	.131	11.968	14.362
22	M55	X	1.043	1.043	0	2
23	M39A	X	.437	.437	.037	7.397
24	M40	X	.131	.306	0	2.394
25	M40	X	.306	.419	2.394	4.787
26	M40	X	.419	.445	4.787	7.181
27	M40	X	.445	.419	7.181	9.574
28	M40	X	.419	.306	9.574	11.968
29	M40	X	.306	.131	11.968	14.362
30	M56	X	1.043	1.043	3.364e-14	2

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Y	Two Way	-.005
2	N18	N17	N10	N14	Y	Two Way	-.005

Member Area Loads (BLC 39 : Structure D) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N14	N10	N15	N16	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Y	Two Way	-.01
2	N18	N17	N10	N14	Y	Two Way	-.01
3	N14	N10	N15	N16	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Y	Two Way	-.000229
2	N18	N17	N10	N14	Y	Two Way	-.000229
3	N14	N10	N15	N16	Y	Two Way	-.000229

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	Z	Two Way	-.000571
2	N18	N17	N10	N14	Z	Two Way	-.000571
3	N14	N10	N15	N16	Z	Two Way	-.000571

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N16	N15	N17	N18	X	Two Way	.000571
2	N18	N17	N10	N14	X	Two Way	.000571
3	N14	N10	N15	N16	X	Two Way	.000571

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N2	max	4196.952	10	1285.104	24	1486.636	1	-.924	68	2.991	9	.287	41
2		min	-4211.168	4	355.687	6	-1497.49	7	-3.164	22	-3.002	3	-.094	10
3	N77	max	2375.209	11	1140.842	20	3473.143	12	1.702	20	3.017	5	2.641	20
4		min	-2385.029	5	304.317	2	-3471.679	6	.49	64	-3.015	11	.694	2
5	N109	max	2490.28	9	1277.363	16	3594.791	2	1.435	14	2.948	3	-.82	72
6		min	-2484.451	3	344.659	10	-3581.853	8	.264	9	-2.94	9	-2.801	15
7	N147A	max	59.688	10	1666.606	13	-11.047	7	0	75	0	4	0	10
8		min	-59.827	4	11.499	7	-2455.082	13	0	1	0	10	0	4
9	N148A	max	30.209	3	1611.626	21	1185.443	21	0	6	0	12	0	12
10		min	-2053.269	21	-18.558	3	-17.441	3	0	12	0	6	0	6
11	N149A	max	2135.568	17	1673.699	17	1232.998	17	0	8	0	8	0	8
12		min	-6.017	11	-.276	11	-3.471	11	0	26	0	26	0	26
13	Totals:	max	7470.435	10	8117.59	18	7239.376	1						
14		min	-7470.437	4	2407.194	75	-7239.376	7						

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

	Member	Shape	Code Ch..	Loc[...	LC	Shear ...	Loc[ft] ...		LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y ...	phi*Mn z-z ...	Cb	Eqn
1	M1	HSS4X4...	.283	0	9	.128	0	z	4	138875.228	139518	16.181	16.181	1.192	H1-1b
2	M2	HSS4.5...	.110	0	10	.043	0	y	48	156914.624	158976	20.907	20.907	1.698	H1-1b
3	M5	LL3x3x4...	.253	0	23	.045	1.333	y	13	76288.155	93312	6.48	4.357	1.73	H1-1b
4	M6	LL3x3x4...	.245	0	19	.044	1.333	y	21	76288.155	93312	6.48	4.357	1.685	H1-1b
5	M7	LL3x3x4...	.261	0	15	.047	1.333	y	17	76288.155	93312	6.48	4.357	1.734	H1-1b
6	M6A	L3X3X4	.260	3.717	3	.011	0	z	14	13991.953	46656	1.688	3.089	1.259	H2-1
7	FACE	L3X3X4	.922	7.181	8	.272	7.181	y	1	3748.406	46656	1.688	2.497	1.347	H2-1

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

	Member	Shape	Code Ch..	Loc[...	LC	Shear ...	Loc[ft]	...	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y ...	phi*Mn z-z ...	Cb	Eqn
8	M8	PIPE_2.0	.311	8.609	7	.147	13.443		7	4678.521	32130	1.872	1.872	2.405	H1-1b
9	MP1A	PIPE_2.0	.259	3.865	4	.148	.948		2	17855.085	32130	1.872	1.872	2.086	H1-1b
10	M23A	L3X3X4	.264	3.717	11	.011	0	z	22	13991.953	46656	1.688	3.072	1.235	H2-1
11	M24	L3X3X4	.911	7.181	4	.283	7.181	y	9	3748.406	46656	1.688	2.459	1.303	H2-1
12	M38	HSS4X4...	.279	0	7	.112	0	z	12	138875.228	139518	16.181	16.181	1.183	H1-1b
13	M39A	L3X3X4	.270	3.717	3	.011	7.433	z	15	13991.953	46656	1.688	3.101	1.277	H2-1
14	M40	L3X3X4	.900	7.181	12	.280	7.181	y	5	3748.406	46656	1.688	2.485	1.332	H2-1
15	M54	HSS4X4...	.286	0	3	.128	0	z	8	138875.228	139518	16.181	16.181	1.169	H1-1b
16	M55	HSS4.5...	.105	0	18	.036	0	y	20	156914.624	158976	20.907	20.907	1.7	H1-1b
17	M56	HSS4.5...	.108	0	2	.036	0	y	16	156914.624	158976	20.907	20.907	1.7	H1-1b
18	OVP1	PIPE_2.0	.105	2.75	6	.016	2.75		6	28843.414	32130	1.872	1.872	2.733	H1-1b
19	OVP2	PIPE_2.0	.105	2.75	12	.016	2.75		12	28843.414	32130	1.872	1.872	2.733	H1-1b
20	M24A	PIPE_2.0	.305	8.609	4	.144	13.443		3	4678.521	32130	1.872	1.872	1.756	H1-1b
21	M25	PIPE_2.0	.312	8.609	11	.152	13.443		11	4678.521	32130	1.872	1.872	2.429	H1-1b
22	M32	L2.5x2.5...	.361	0	11	.078	.912	z	12	37523.908	38556	1.114	2.537	1.634	H2-1
23	M36	L2.5x2.5...	.365	0	7	.084	.912	z	8	37523.908	38556	1.114	2.537	1.63	H2-1
24	M40A	L2.5x2.5...	.360	0	3	.085	.912	z	4	37523.908	38556	1.114	2.537	1.763	H2-1
25	MP2A	PIPE_2....	.231	3.875	4	.154	3.875		6	28142.902	44100	2.531	2.531	2.129	H1-1b
26	MP3A	PIPE_2.5	.308	3.917	10	.112	3.917		6	30038.461	50715	3.596	3.596	2.581	H1-1b
27	MP4A	PIPE_2.0	.245	3.865	10	.141	1.677		8	17855.085	32130	1.872	1.872	1.875	H1-1b
28	MP5A	PIPE_2.0	.246	3.865	10	.159	.948		12	17855.085	32130	1.872	1.872	1.846	H1-1b
29	MP1C	PIPE_2.0	.260	3.865	12	.166	.948		10	17855.085	32130	1.872	1.872	1.961	H1-1b
30	MP2C	PIPE_2....	.226	3.875	12	.157	3.875		3	28142.902	44100	2.531	2.531	2.257	H1-1b
31	MP3C	PIPE_2.5	.292	3.865	6	.108	1.677		2	33961.614	50715	3.596	3.596	2.048	H1-1b
32	MP4C	PIPE_2.0	.238	3.865	6	.152	3.865		4	17855.085	32130	1.872	1.872	1.798	H1-1b
33	MP5C	PIPE_2.0	.242	3.865	6	.167	.948		8	17855.085	32130	1.872	1.872	2.11	H1-1b
34	MP1B	PIPE_2.0	.262	3.865	8	.152	.948		6	17855.085	32130	1.872	1.872	1.893	H1-1b
35	MP2B	PIPE_2....	.228	3.875	8	.158	3.875		11	28142.902	44100	2.531	2.531	2.142	H1-1b
36	MP3B	PIPE_2.5	.289	3.865	2	.112	1.677		10	33961.614	50715	3.596	3.596	1.969	H1-1b
37	MP4B	PIPE_2.0	.240	3.865	2	.145	1.677		12	17855.085	32130	1.872	1.872	1.777	H1-1b
38	MP5B	PIPE_2.0	.242	3.865	2	.162	.948		4	17855.085	32130	1.872	1.872	1.946	H1-1b
39	M77	LL2.5x2....	.095	0	13	.004	7.005	z	4	31192.896	58320	3.954	2.511	1	H1-...
40	M78	LL2.5x2....	.092	0	21	.004	0	z	12	31192.891	58320	3.954	2.511	1	H1-...
41	M79	LL2.5x2....	.096	0	17	.004	7.005	z	8	31192.896	58320	3.954	2.511	1	H1-...

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	5/24/2022
Site Name:	Walingford E CT		
PSLC #:	468380		
Fuze ID #:	2453568	Page:	1

Version 1.0

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	No

Client:	Verizon Wireless	Date:	5/24/2022
Site Name:	Walingford E CT		
PSLC #:	468380		
Fuze ID #:	2453568	Page:	2

Version 1.0

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	(1) Stiffener on top/bottom
Siffner Notch Present?	No
Stiffener length, l (in):	4
Stiffener Spacing/Width, s (in):	
Stiffner Notch Length, n (in):	0
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	32.00
Z_x (in^3/in):	67.56
Z_y (in^3/in):	21.33
J_p (in^4/in):	362.67
c_x (in)	6
c_y (in)	6
Required combined strength (kip/in):	1.52
Weld Capacity (kip/in):	5.57
Weld Utilization:	**27.2%**

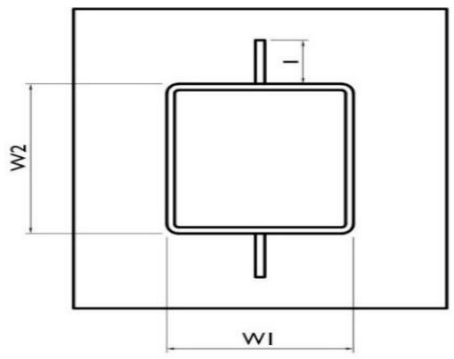


Exhibit F

Power Density/RF Emissions Report

Site Name: ***WALLINGFORD E CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	631	2524	120.1	0.0063	0.5007	1.26%
VZW CDMA	877.26	2	497	993	120.1	0.0025	0.5848	0.42%
VZW Cellular	874	4	631	2524	120.1	0.0063	0.5827	1.08%
VZW PCS	1975	4	1460	5838	120.1	0.0146	1.0000	1.46%
VZW AWS	2120	4	1660	6638	120.1	0.0166	1.0000	1.66%
VZW CBAND	3730.08	2	13335	26670	120.1	0.0665	1.0000	6.65%
Total Percentage of Maximum Permissible Exposure								12.52%

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

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

Absolute worst case maximum values used.