1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: https://www.adwpat.com

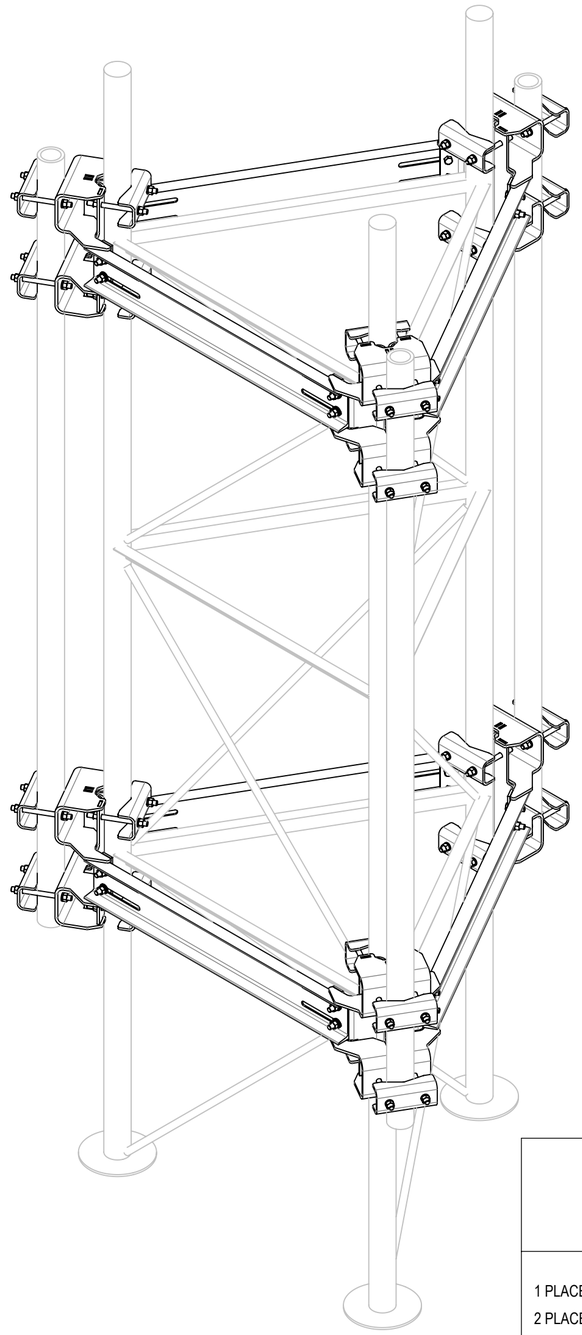
2.0 DESIGN NOTES
- 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED TO MAINTAIN THE INTEGRITY OF THE SAFETY CLIMB. DURING INSTALLATION, TEMPORARY AND/OR PERMANENT PRECAUTIONARY MEASURES SHOULD BE TAKEN TO PRESERVE THE CLIMBING FACILITY AND/OR SAFETY CLIMB.

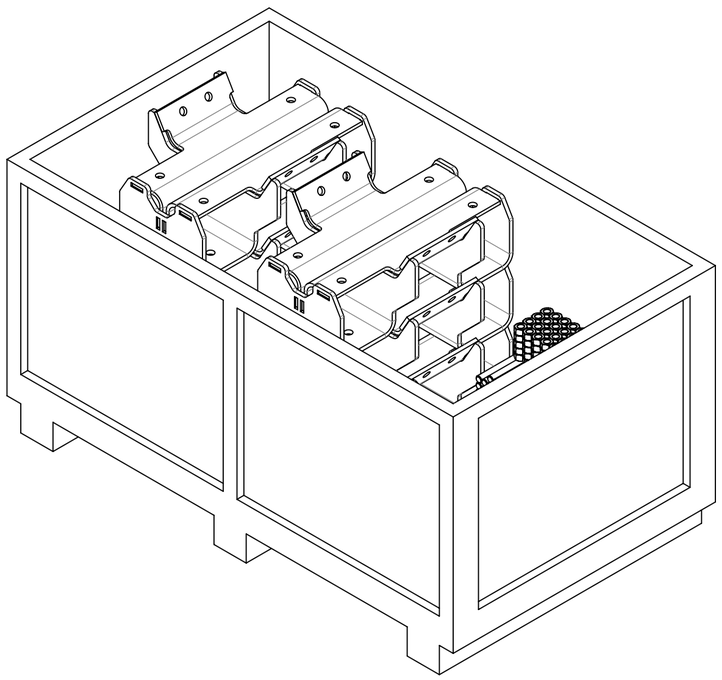
3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS 3/8" OR LARGER SECURING FLAT PLATES SNUG TIGHT. TIGHTEN ALL THREADED RODS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF THREADED ROD.
- 3.2 SNUG TIGHT IS DEFINED AS THE CONDITION OBTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN INSTALLER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED LAYERS (PLIES) OF STEEL INTO FULL CONTACT.
- 3.3 FOR BOLTS IN A PATTERN, TIGHTEN IN A CRISS-CROSS OR STAR SEQUENCE, INCREASING TORQUE IN GRADUAL STEPS UNTIL SNUG TIGHT.

4.0 TEST

5.0 PACKAGING
- 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005
- 5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER
- 5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	NSUN 15JUN26	RM1270 50108882AMO





PACKAGE

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TOLERANCES			
1 PLACE	.X[.X] ± 0.2[6.3]	3 PLACE	.XXX[.X] ± 0.060[1.5]
2 PLACE	.XX[.X] ± 0.12[3.0]	ANGLES	± 2°

SAP MATERIAL MASTER: **SF-MTI-AMK-003-N-B**

FINISH

MATERIAL

DENSITY		lbs/in³
MASS	660.23	lbs
VOLUME	2342.97	in³
SURFACE AREA	16420.33	in²
HEIGHT	114.8"	
LENGTH	73.1"	
WIDTH	64.6"	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994

	NAME	DATE
CE	NSUN	17SEP26
RW	NSUN	09/21/2026
AD	RM1270	09/21/2026
RE	NSUN	09/21/2026
ECN	50108882AMO	

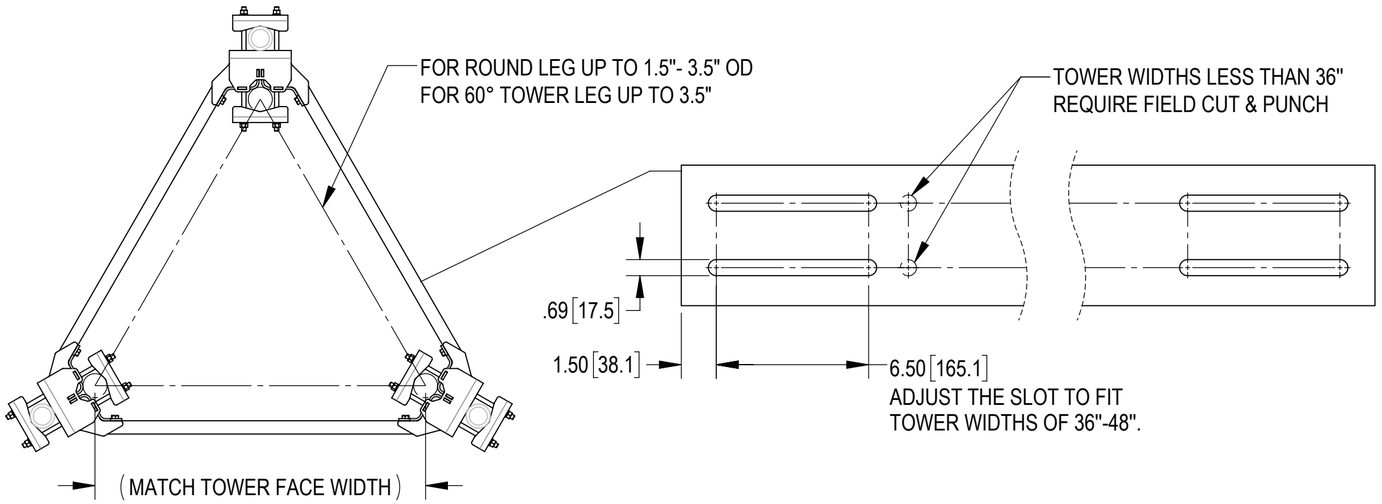
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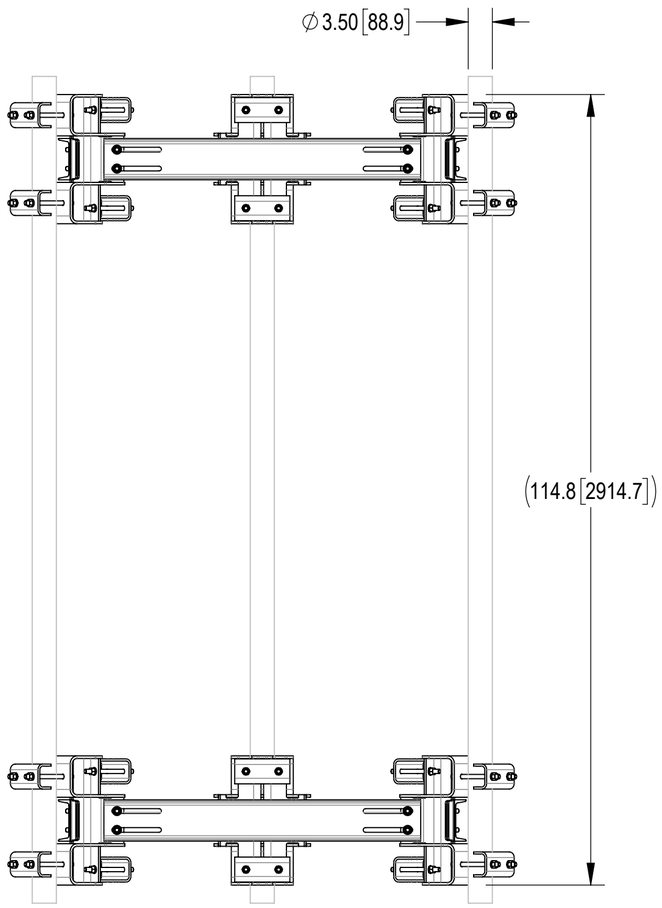
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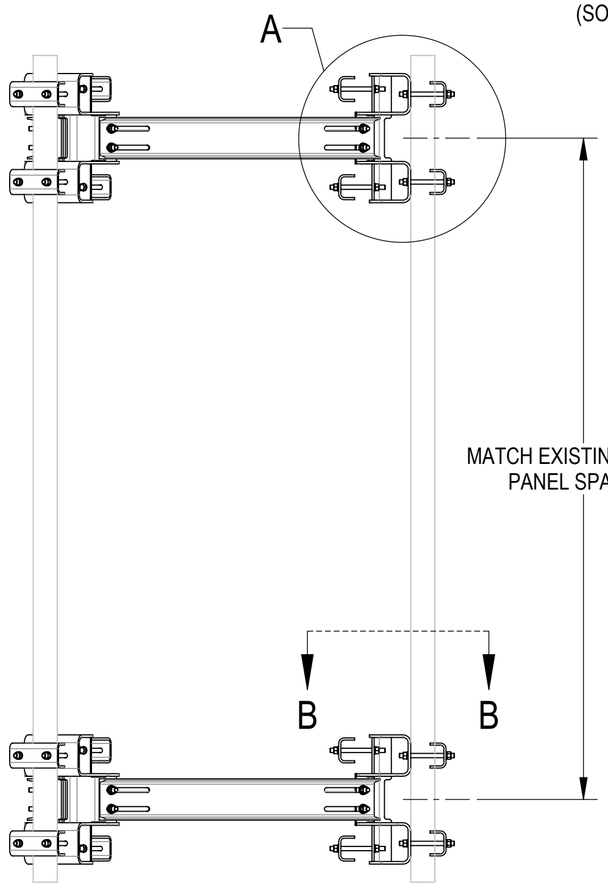
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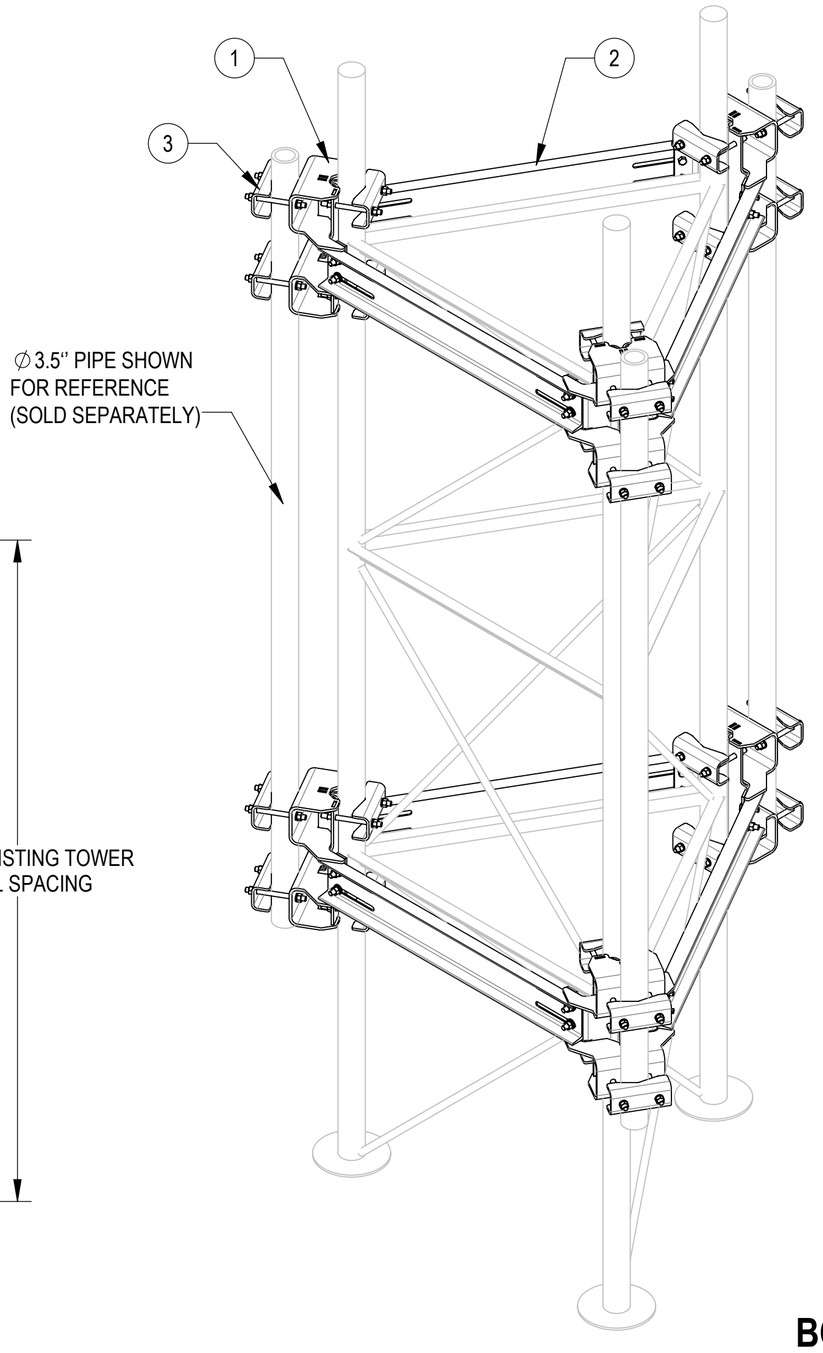
SIZE	Auth Group	MODEL			DRAWING			SHEET
	INSL	VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	
C		00	RE	A	00	RE	A	1 OF 4

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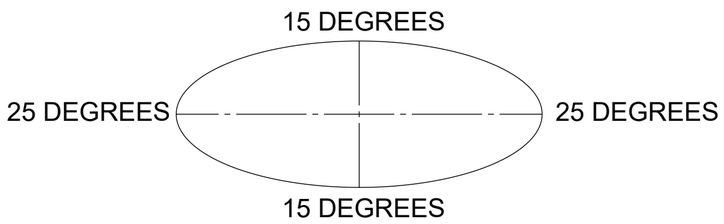


COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	SFMTI-1000-00	SADDLE BRACKET, MTI	6	52.02 LBS	
2	SFMTI-2000-00	CROSSBEAM,CHANNEL	6	30.98 LBS	
3	SFMTI-3000-00	CLAMP MOUNT	24	0.28 LBS	
4	MT-381-8	5/8" X 8" GALV THREADED ROD	48	0.69 LBS	
5	GB-0520A	5/8" X 2" GALV BOLT KIT (A325)	24	0.26 LBS	
6	GWF05A	GALV FLAT WASHER HARDENED 5/8", 1.3OD	24	0.04 LBS	
7	GN-05	5/8" GALV HEX NUT	96	0.08 LBS	
8	GWL-05	5/8" GALV LOCK WASHER	96	0.03 LBS	

ALLOWABLE TIEBACK ANGLE

±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL

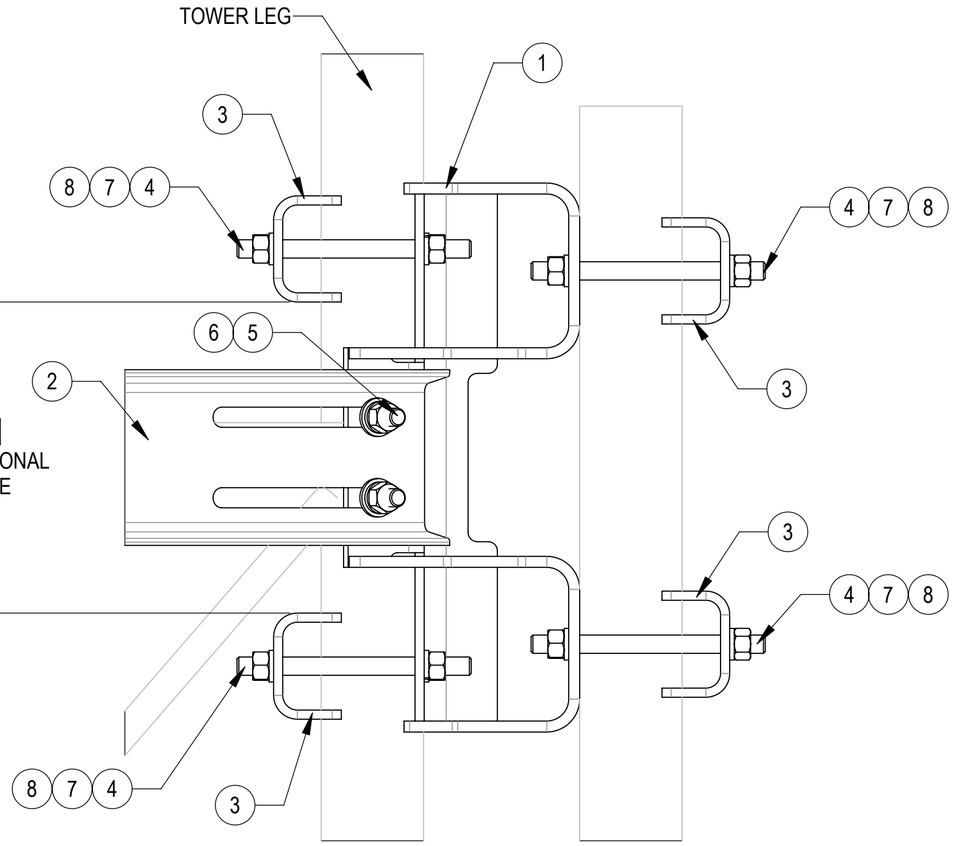


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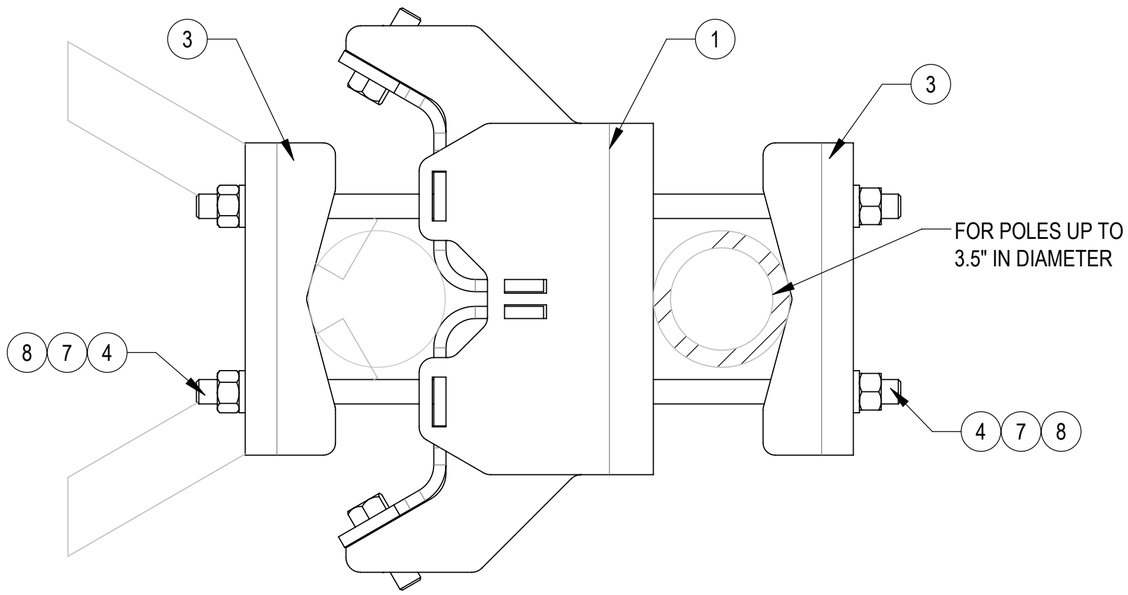
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MTI STRESS RELIEF W/ BRACING, 3-SECTOR

SIZE	SCALE	DOCUMENT NO.			
C	1:15	SF-MTI-AMK-003-N-B			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
		00	RE	A	2 OF 4

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DETAIL A
SCALE 1 : 4



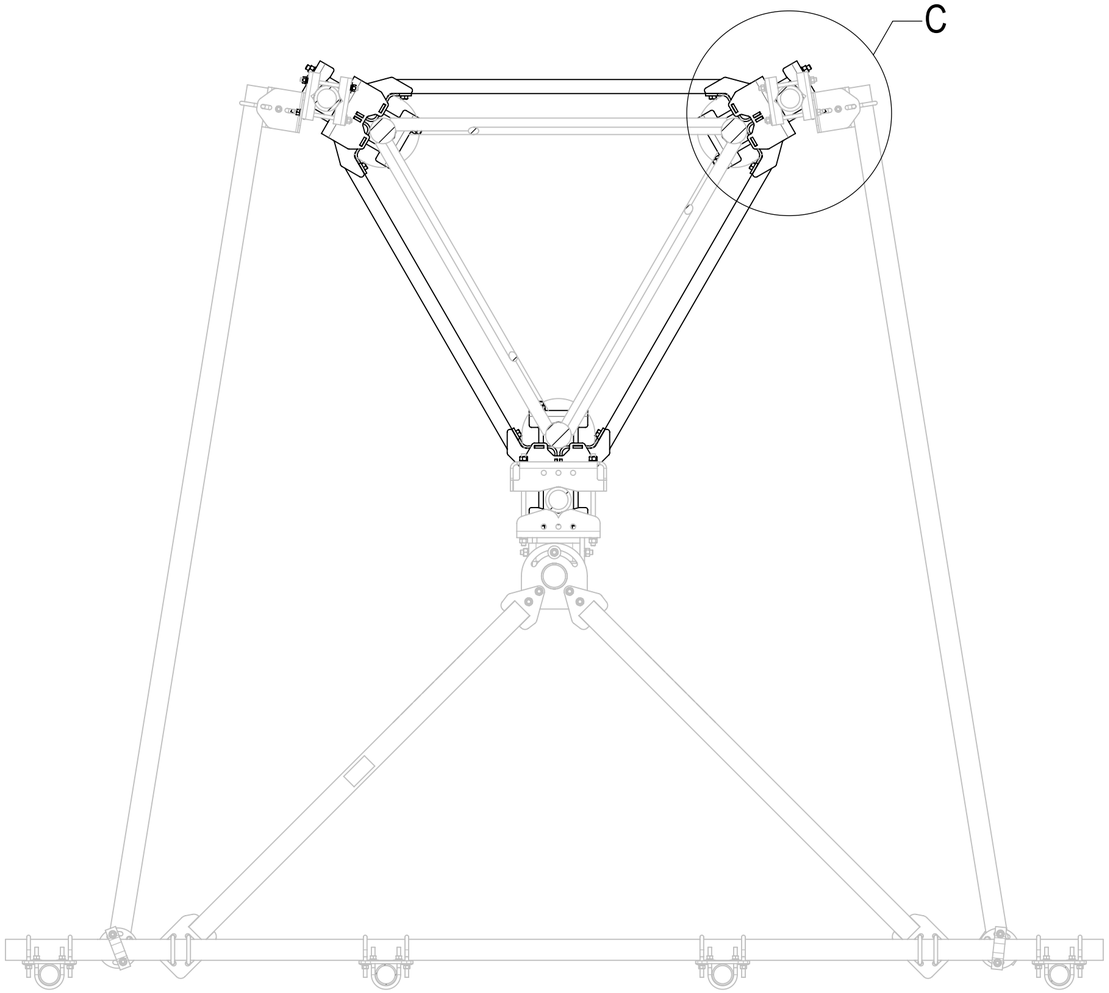
SECTION B-B
SCALE 1 : 3

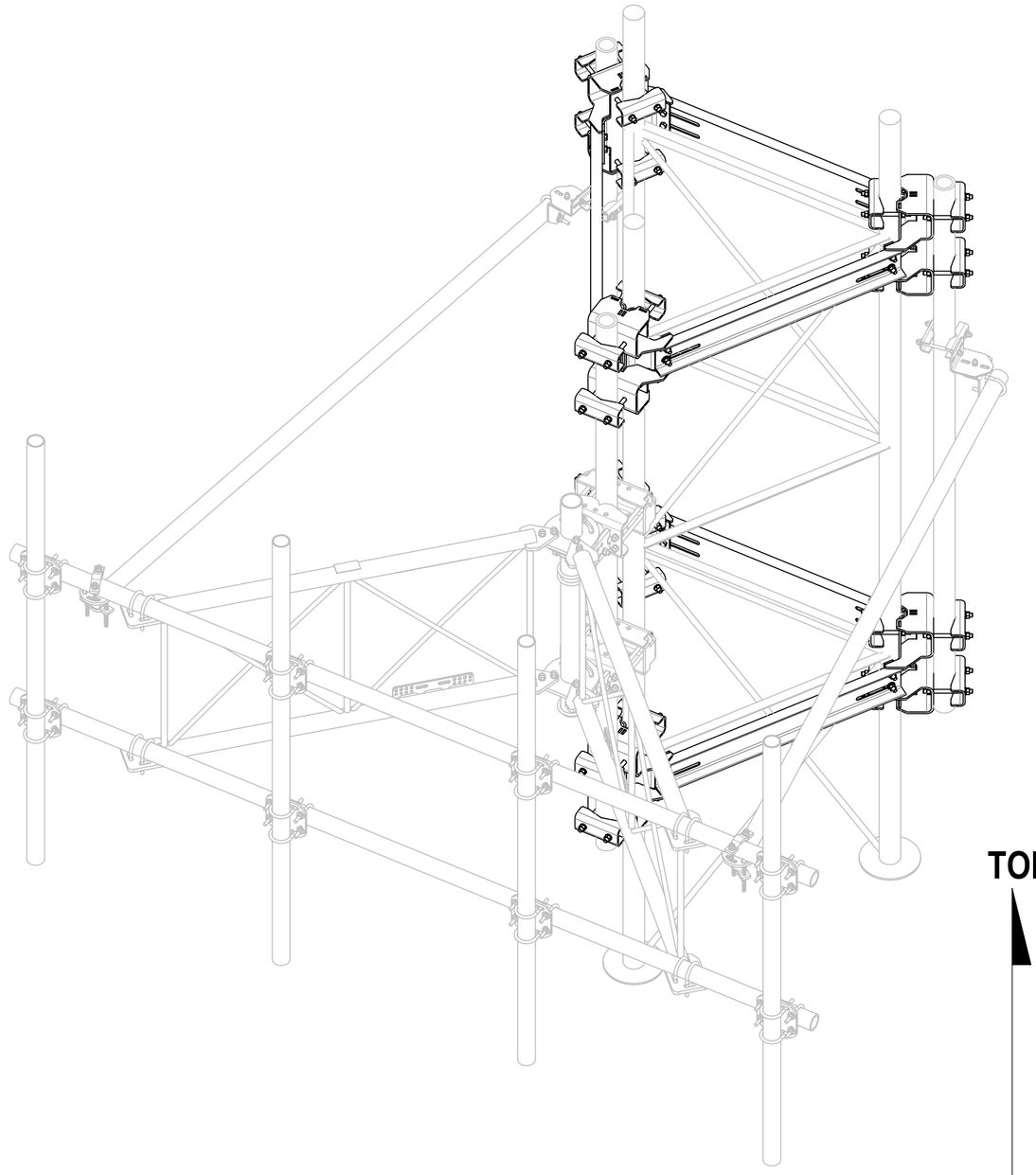
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TITLE			
MTI STRESS RELIEF W/ BRACING, 3-SECTOR			
SIZE	SCALE	DOCUMENT NO.	
C	1:15	SF-MTI-AMK-003-N-B	
		DRAWING	SHEET
		VERSION / STATUS / REVISION	
		00 / RE / A	3 OF 4

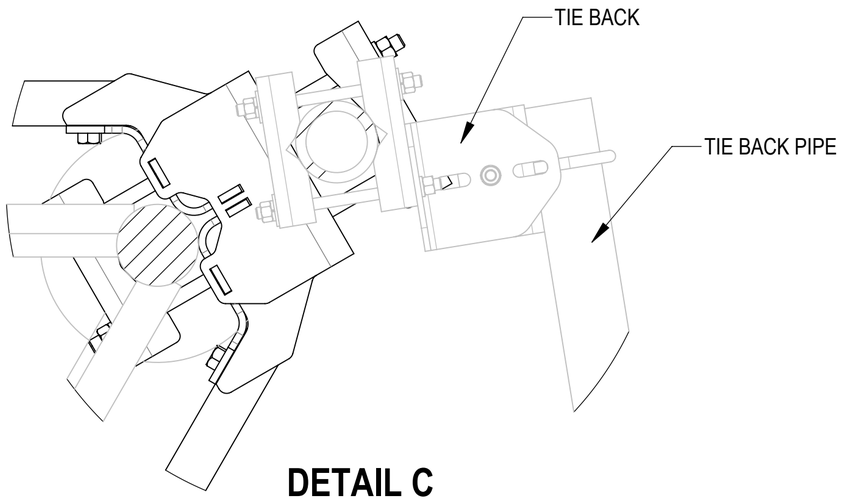
WITH SECTOR FRAME INSTALL AS SHOWN





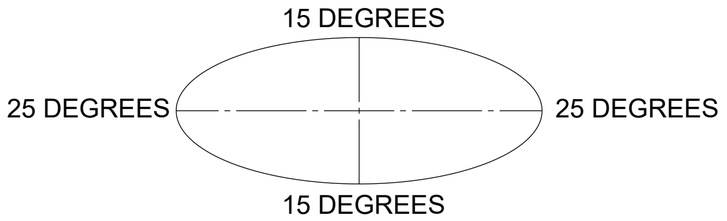
TOP

BOTTOM



DETAIL C
SCALE 1 : 5

ALLOWABLE TIEBACK ANGLE
±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



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TITLE			
MTI STRESS RELIEF W/ BRACING, 3-SECTOR			
SIZE: C	SCALE: 1:48	DOCUMENT NO.: SF-MTI-AMK-003-N-B	
		DRAWING	SHEET
		VERSION: 00 / STATUS: RE / REVISION: A	4 OF 4