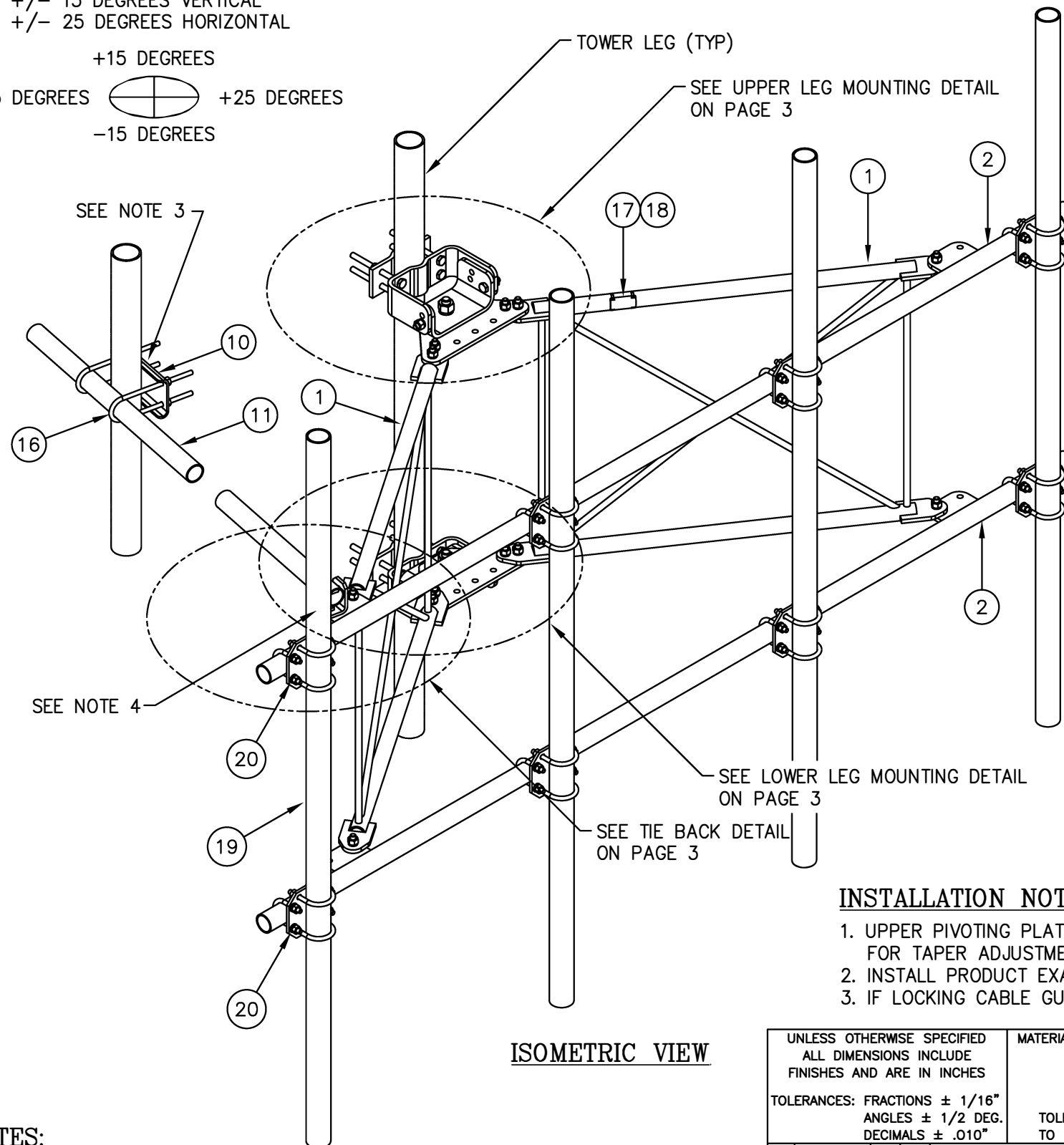


+/- 15 DEGREES VERTICAL
+/- 25 DEGREES HORIZONTAL

+15 DEGREES

-25 DEGREES +25 DEGREES

-15 DEGREES



1. QUANTITIES SHOWN IN LISTS OF MATERIAL ARE FOR ONE (1) V-BOOM ONLY.
2. THIS V-BOOM WILL MOUNT TO THE FOLLOWING: 1 1/2"Ø TO 5 9/16"Ø ROUND LEG.
3. TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED ABOVE IN THE TIEBACK ANGLE RANGE DETAIL UNLESS APPROVED BY THE ENGINEER OF RECORD.
4. THE TIEBACK IS SHOWN IN THIS POSITION AS A DEFAULT. THIS TIEBACK CAN BE CONNECTED AT ANY (1) OF THE (4) POSITIONS ON THE TABS ON THE FACE PIPE.

C10837002C-4278 10' THD V-BOOM ASSEMBLY W/TIEBACK				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT
1.	2	CW01454	WELDMENT, STANDOFF ARM	119
2.	2	CW01471	WELDMENT, FACE PIPE	95
3.	2	CS03341	PLATE, ROTATING	27
4.	1	CS03342	PLATE, PIVOTING (UPPER)	13
5.	1	CS03343	PLATE, LEG CLAMP (UPPER)	14
6.	1	CS03344	PLATE, PIVOTING (LOWER)	12
7.	1	CS03345	PLATE, LEG CLAMP (LOWER)	14
8.	2	CS03346	PLATE, LEG CLAMP (BACK)	11
9.	1	CS00098	PLATE, TIE BACK SWIVEL	3
10.	1	CS03285	PLATE, TIE BACK CLAMP	4
11.	1	CS03333	PIPE, TIE BACK	38
12.	2	C40026072	BOLT ASSEMBLY, 1 ϕ X 2 3/4 A325	3
13.	8	C40140004	BOLT ASSEMBLY, 5/8 ϕ X 8 A307	13
14.	1	C40026033	BOLT ASSEMBLY, 5/8 ϕ X 4 1/2 A325	1
15.	17	C40026024	BOLT ASSEMBLY, 5/8 ϕ X 2 1/4 A325	9
16.	2	C40034183	U-BOLT ASSEMBLY, 1/2 ϕ X 2 15/16 C-C	3
17.	1	Z30992040	MOUNT CLASSIFICATION TAG C10837001C/C10837002C	1
18.	2	C40062103	STAINLESS STEEL SELF-LOCKING CABLE TIE	1
19.	4	C10901329	PIPE, MOUNTING 2 7/8 ϕ X .203 X 10'-0	241
20.	8	C10902012	CROSSOVER PLATE KIT	64
			TOTAL WEIGHT	686

CK00416—INCLUDES (2) ITEM 1
CK00415—STL INCLUDES ITEMS 2 & 11
CK00414—HDW INCLUDES ITEMS 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17 & 18.

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Rosenberger Site Solutions, LLC
visit www.RosenbergerOnline.us

1. UPPER PIVOTING PLATE (ITEM 4) HAS THREE HOLES ON EACH SIDE AND UPPER LEG CLAMP PLATE (ITEM 5) HAS TWO HOLES ON EACH SIDE FOR TAPER ADJUSTMENT.
2. INSTALL PRODUCT EXACTLY AS SHOWN IN DRAWING, WITH ALL BOLTS FACING UPWARDS.
3. IF LOCKING CABLE GUIDES ARE REQUIRED THEY MUST BE PURCHASED SEPARATELY (SEE PAGE 4).

[illegible]

Sabre Industries™
Towers and Poles

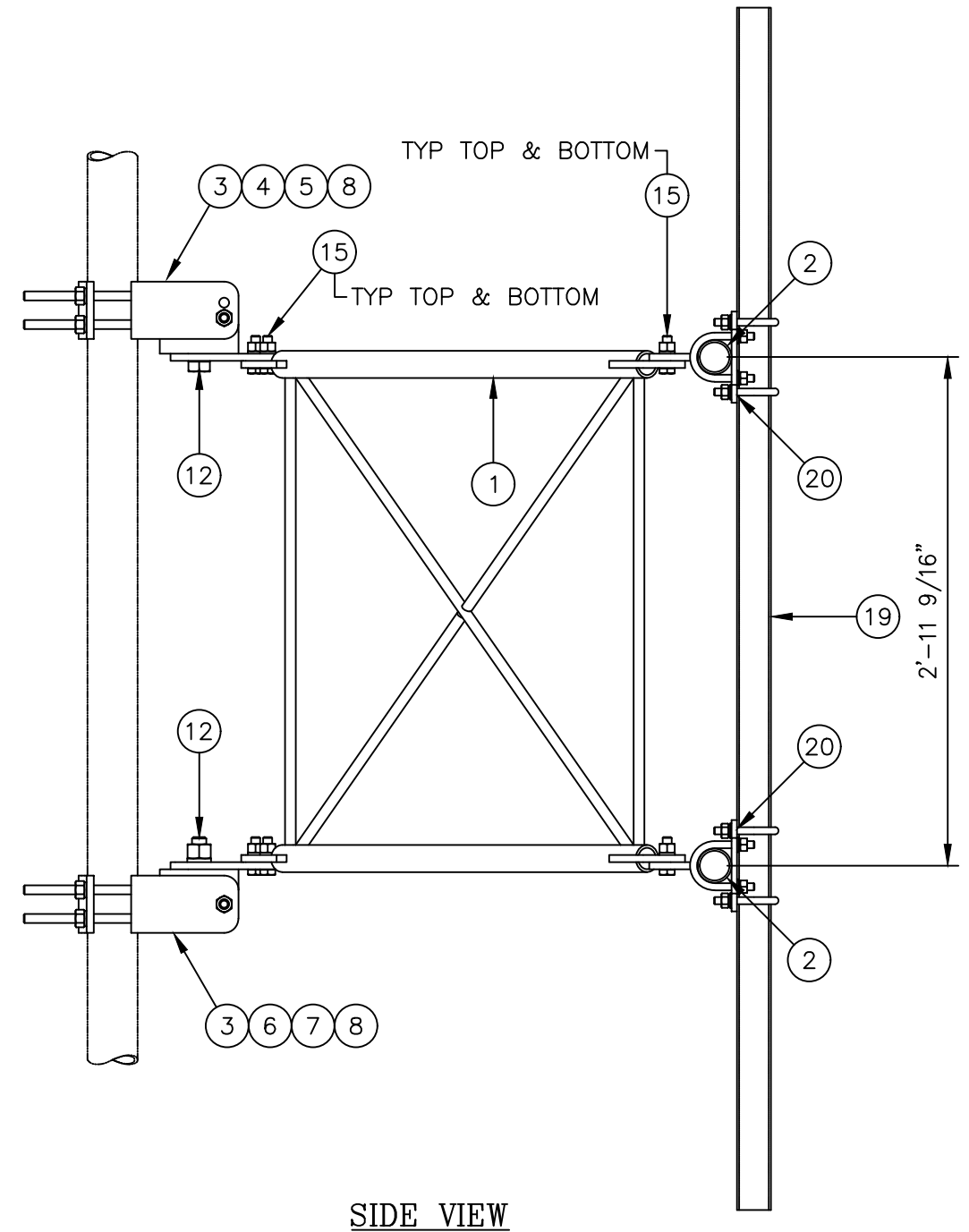
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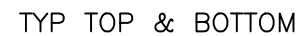
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10' THD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
(4) 2 7/8 ϕ X 10' ANTENNA MOUNTING PIPES

		SIZE	DRAWING NO.	REV
DATE	07/13/20	B	C10837002C-4278	2
DRAWN BY	WRF			
CHECKED BY	EK		SCALE None	PAGE 1 OF 4



10' THD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
(4) 2 7/8 Ø X 10' ANTENNA MOUNTING PIPES



This diagram shows an exploded view of a tower leg assembly. The components are labeled with circled numbers 1 through 15. The 'TOWER LEG' is the central vertical component. Other parts include a horizontal bracket (13), a vertical support plate (8), a horizontal support plate (3), a vertical support plate (12), a horizontal support plate (15), a horizontal support plate (1), a horizontal support plate (7), a horizontal support plate (6), a horizontal support plate (1), and a horizontal support plate (1).

The image contains three technical drawings of tower sections, each showing a vertical profile with a horizontal base and a horizontal top. The drawings are labeled as follows:

- STRAIGHT TOWER SECTION:** The leftmost drawing shows a straight vertical tower section. It features a horizontal base and a horizontal top, with a vertical line indicating the centerline. The tower is supported by a base structure with a horizontal plate and a vertical plate.
- TAPERED 1'-9 IN 20' SLOPE:** The middle drawing shows a tapered tower section. The tower is inclined at a slope of 1'-9 in 20'. The base and top are horizontal, and the tower is supported by a base structure with a horizontal plate and a vertical plate.
- TAPERED 2' IN 20' SLOPE:** The rightmost drawing shows a tapered tower section. The tower is inclined at a slope of 2' in 20'. The base and top are horizontal, and the tower is supported by a base structure with a horizontal plate and a vertical plate.

This diagram shows an exploded perspective view of a mechanical assembly. The components are identified by numbered callouts: 2 (a long cylindrical shaft), 9 (a small cylindrical pin), 11 (a hexagonal nut), 14 (a hexagonal flange or washer), 15 (a U-bolts), and 15 (a U-bolts). The assembly is shown in a disassembled state, with the U-bolts positioned to be threaded through the shaft and secured with the nut and flange.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES						MATERIAL:
TOLERANCES: FRACTIONS ± 1/16"						TOLERANCES DO NOT APPLY TO RAW MATERIAL
2	09/14/20	FJM DLW	REVISED PACKAGING NOTE (ADDED KIT CK00416)			
1	07/28/20	WRF EK	REVISED ITEMS 2 & 20 (WAS CW01465 & C10902021)			
REV	DATE	DRWCHK	DESCRIPTION			



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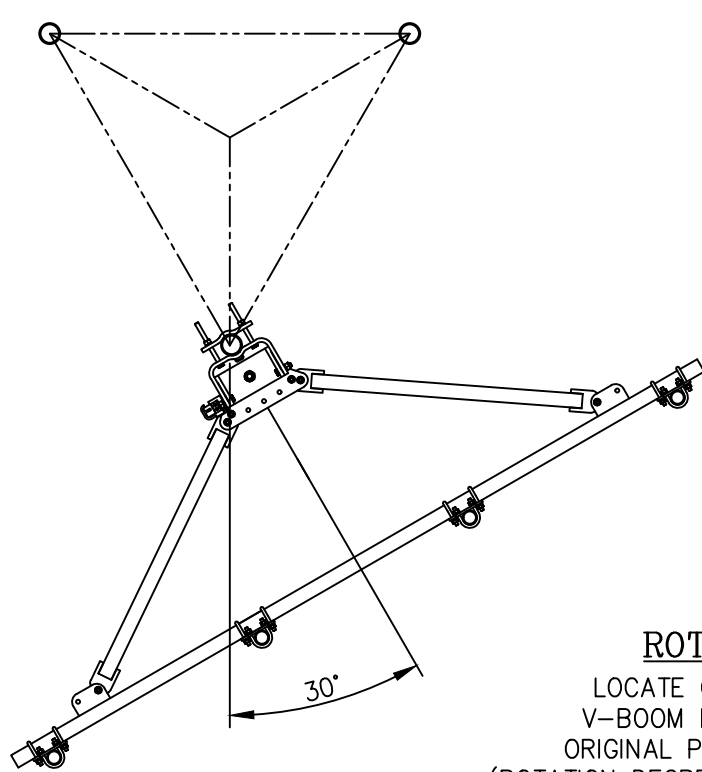
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10' THD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
(4) 2 7/8 ϕ X 10' ANTENNA MOUNTING PIPES

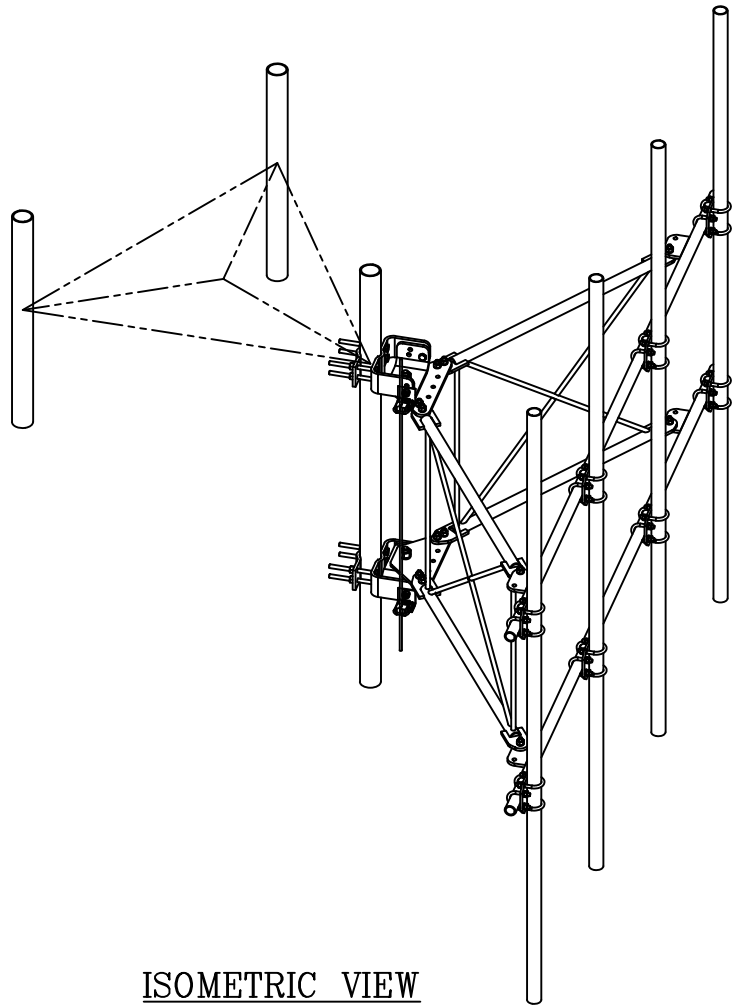
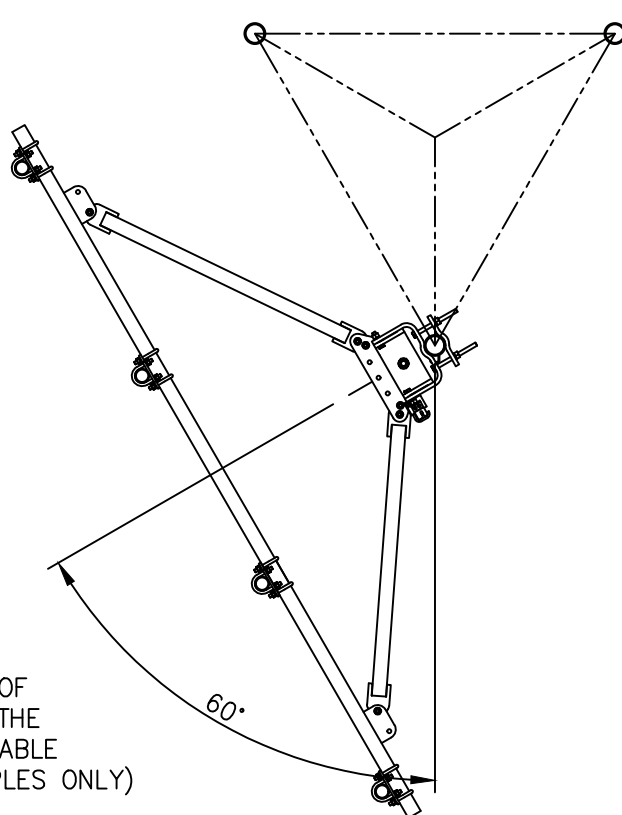
		SIZE B	DRAWING NO. C10837002C-4278		REV 2
DATE	07/13/20				
DRAWN BY	WRF			SCALE None	PAGE 3 OF 4
CHECKED BY	EK				

OPTIONAL LOCKING CABLE GUIDE

IF REQUIRED PLEASE ORDER PART NUMBER C30017022. THIS KIT WILL COME WITH (2) LOCKING CABLE GUIDES FOR TOP & BOTTOM V-BOOM BRACKETS.



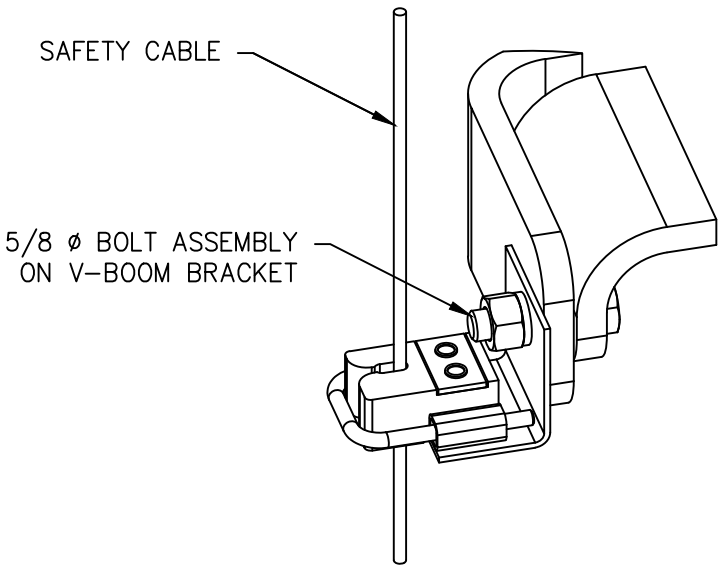
ROTATION OPTIONS
LOCATE CABLE GUIDE ON SIDE OF V-BOOM BRACKET CLOSEST TO THE ORIGINAL PATH OF THE SAFETY CABLE
(ROTATION DEGREES SHOWN ARE EXAMPLES ONLY)



ISOMETRIC VIEW

NOTE

OTHER ADDITIONAL CABLE GUIDE SUPPORTS MAY BE REQUIRED ABOVE AND BELOW V-BOOM SO THAT CABLE ALIGNMENT IS WITHIN REQUIRED LIMITS.



CABLE GUIDE DETAIL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:										10' THD V-BOOM ASSEMBLY W/TIEBACK (3' STANDOFF) (4) 2 7/8 ø X 10' ANTENNA MOUNTING PIPES																																		
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL																																												
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REV															DATE					DRW					CHK					DESCRIPTION																			