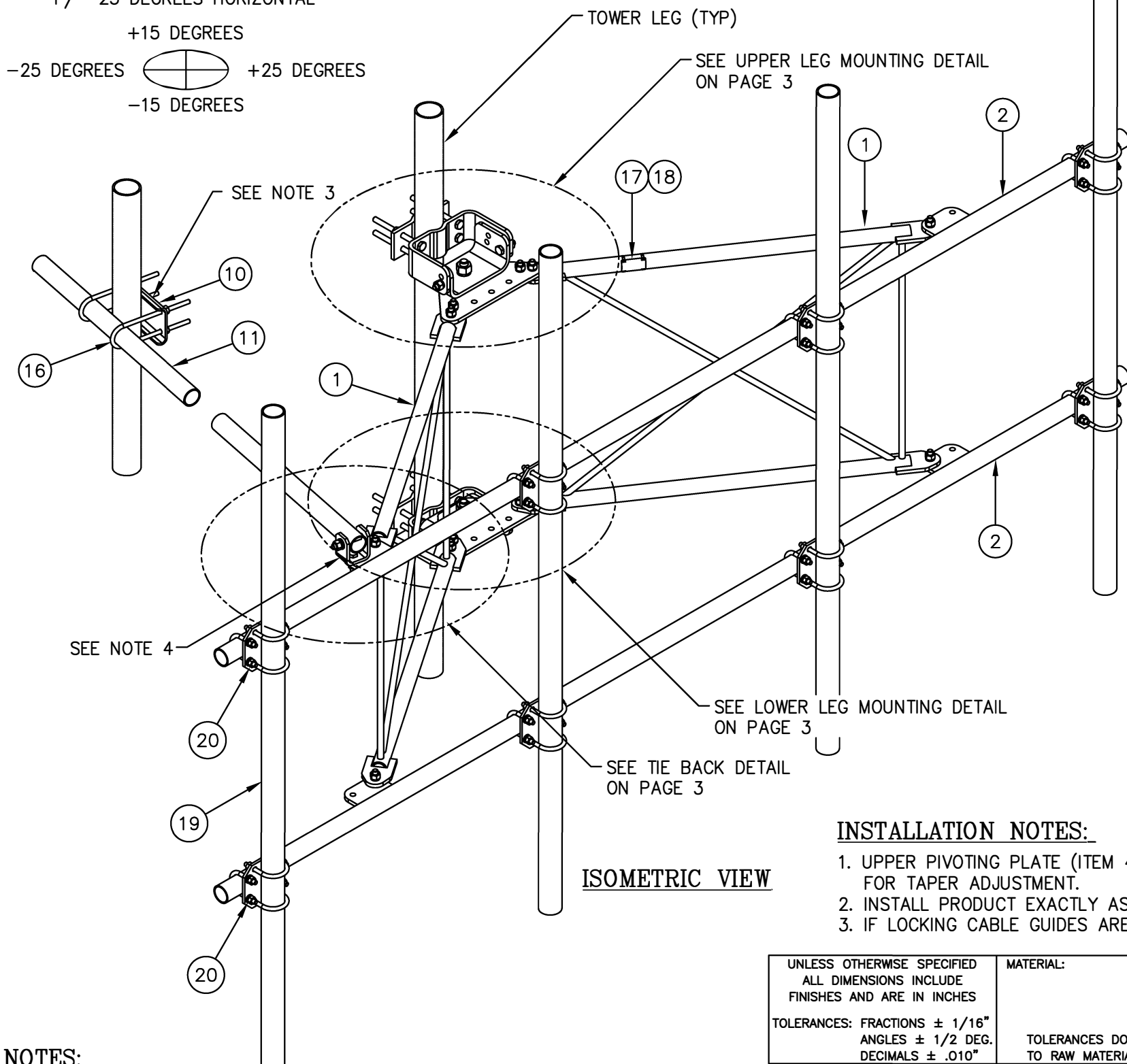
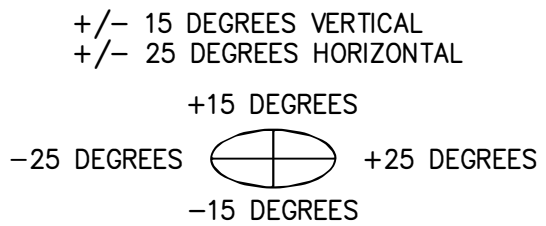


TIEBACK ANGLE RANGE DETAIL



- NOTES:**
- 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.

C10837001C-4278 12' THD V-BOOM ASSEMBLY W/TIEBACK				
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT
1.	2	CW01454	WELDMENT, STANDOFF ARM	119
2.	2	CW01470	WELDMENT, FACE PIPE	110
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 Ø X 2 3/4 A325	3
13.	8	C40140004	BOLT ASSEMBLY, 5/8 Ø X 8 A307	13
14.	1	C40026033	BOLT ASSEMBLY, 5/8 Ø X 4 1/2 A325	1
15.	17	C40026024	BOLT ASSEMBLY, 5/8 Ø X 2 1/4 A325	9
16.	2	C40034183	U-BOLT ASSEMBLY, 1/2 Ø 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 Ø X .203 X 10'-0	241
20.	8	C10902012	CROSSOVER PLATE KIT	64
TOTAL WEIGHT				701

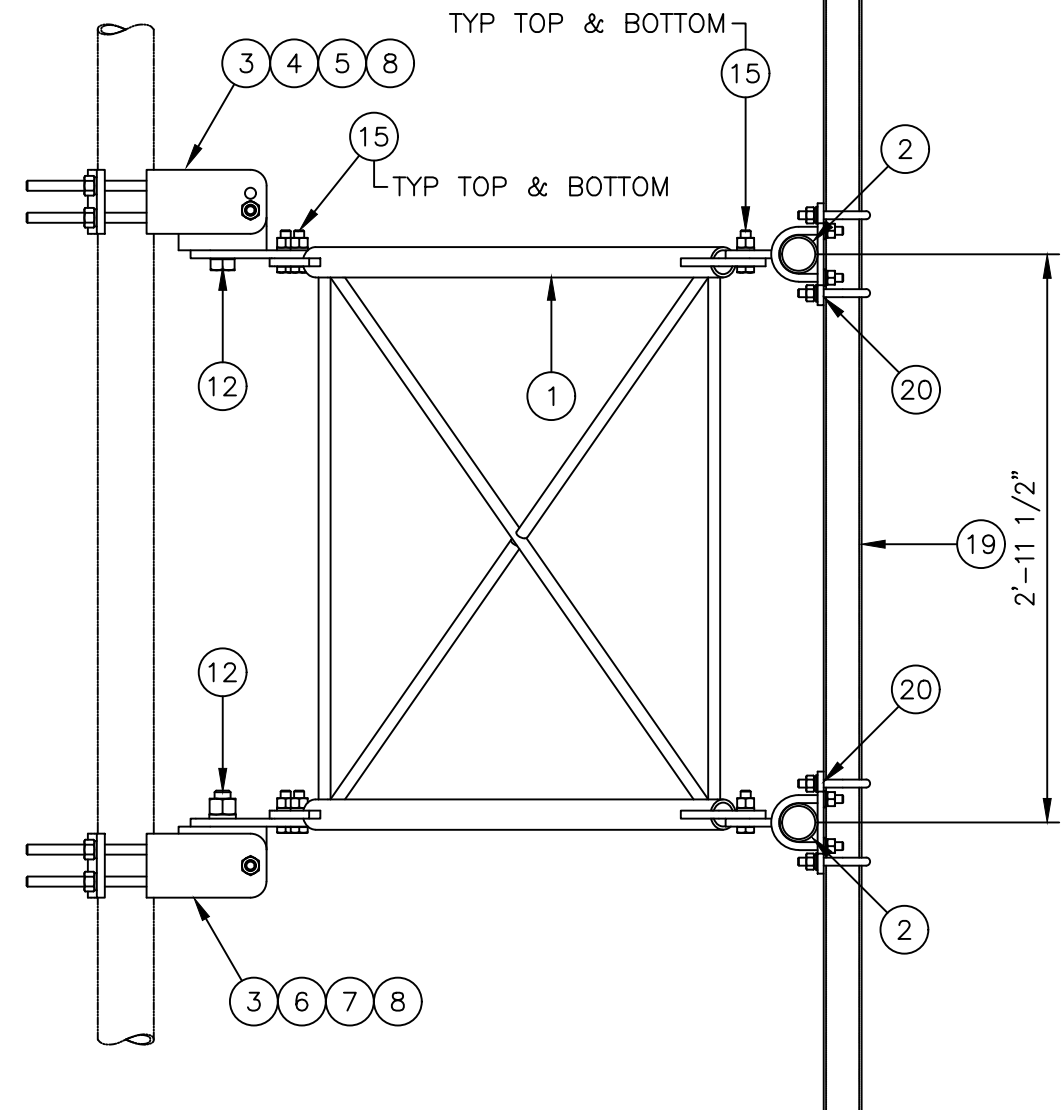
PACKAGING NOTE

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

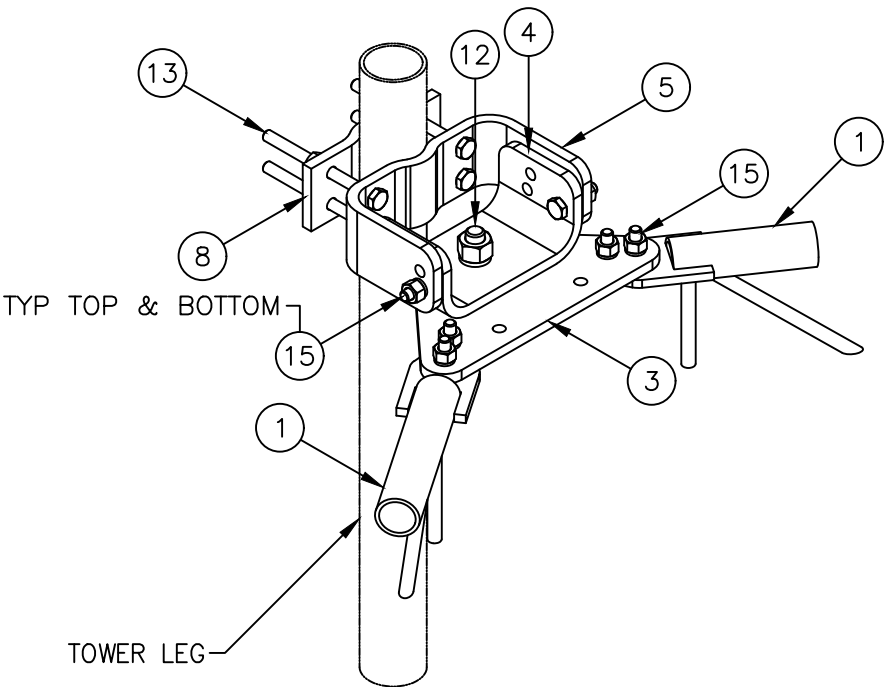
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Rosenberger Site Solutions, LLC
visit www.RosenbergerOnline.us

- INSTALLATION NOTES:**
- 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).

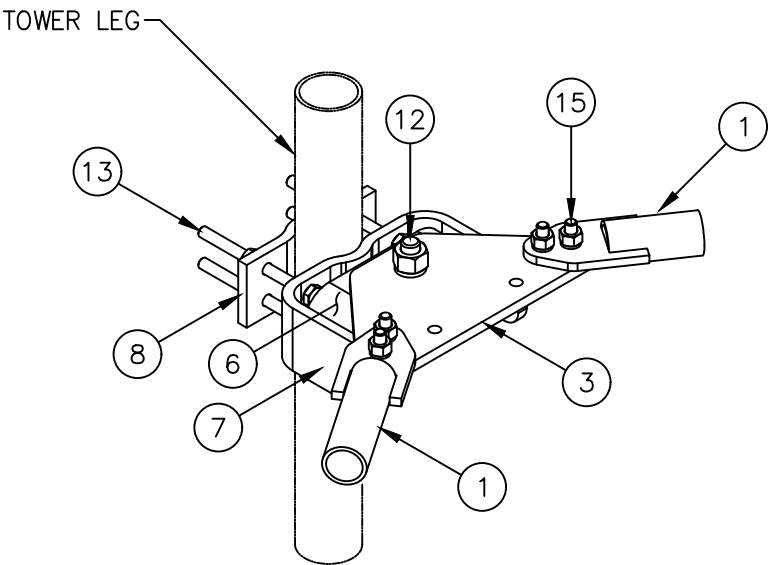
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES		MATERIAL:	
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"		TOLERANCES DO NOT APPLY TO RAW MATERIAL	
Sabre Industries™ Towers and Poles		12' THD V-BOOM ASSEMBLY W/TIEBACK (3' STANDOFF) (4) 2 7/8 Ø X 10' ANTENNA MOUNTING PIPES	
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2 09/14/20 FJM/DLW REVISED PACKAGING NOTE 'ADDED KIT CK00416' 1 07/28/20 WRF/EK REVISED ITEMS 2 & 20 (WAS CW01455 & C10902021)		SIZE B	DRAWING NO. C10837001C-4278
REV DATE DRW/CHK DESCRIPTION		SCALE None	PAGE 1 OF 4



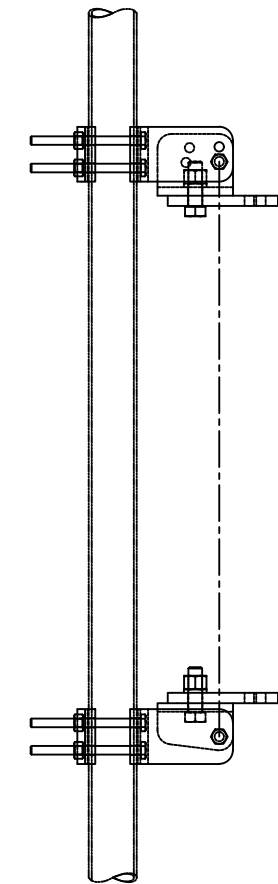
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:				12' THD V-BOOM ASSEMBLY W/TIEBACK (3' STANDOFF) (4) 2 7/8 ø X 10' ANTENNA MOUNTING PIPES				
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"					TOLERANCES DO NOT APPLY TO RAW MATERIAL								
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2	09/14/20	FJM	DLW	REVISED PACKAGING NOTE (ADDED KIT CK00416)									
1	07/28/20	WRF	EK	REVISED ITEMS 2 & 20 (WAS CW01455 & C10902021)									
REV	DATE	DRW	CHK	DESCRIPTION									



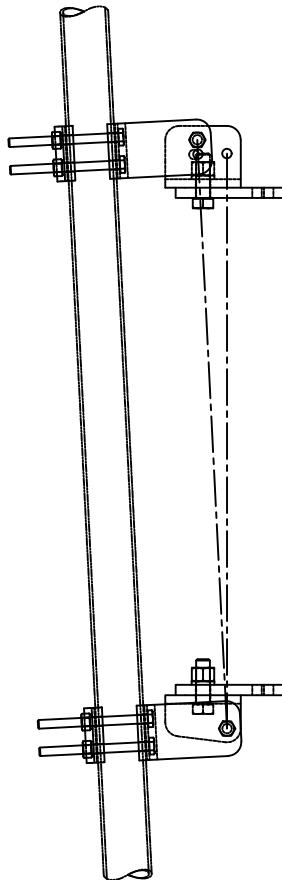
UPPER LEG MOUNTING DETAIL



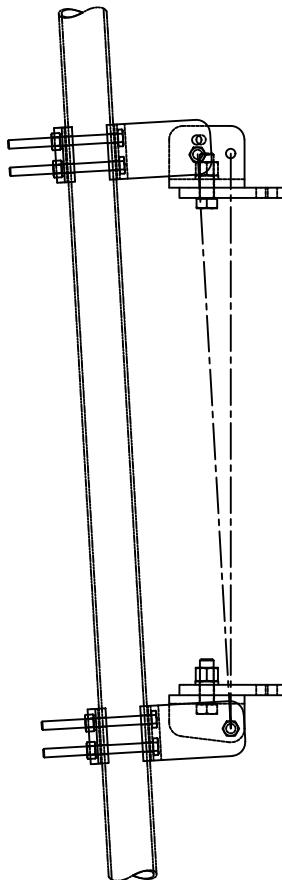
LOWER LEG MOUNTING DETAIL



STRAIGHT
TOWER SECTION

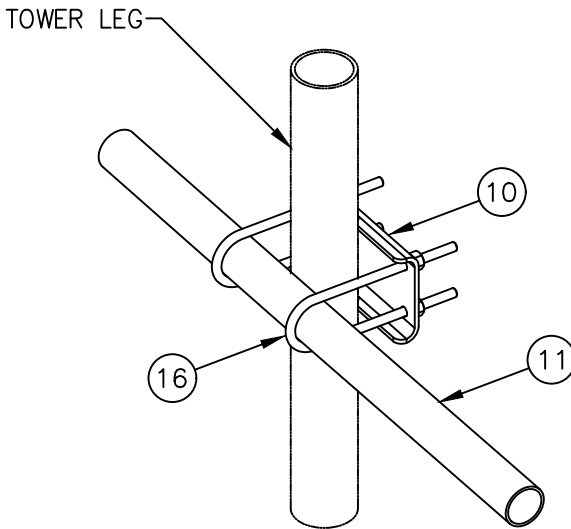


TAPERED
1'-9 IN 20' SLOPE

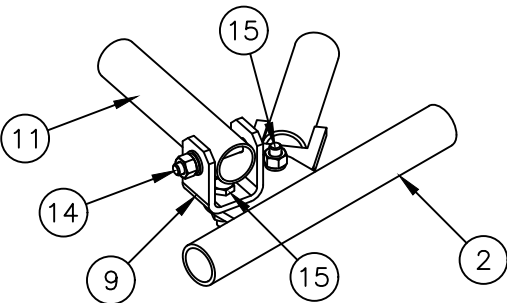


TAPERED
2' IN 20' SLOPE

-----PIVOTING OPTIONS-----



TIE BACK DETAIL
AT TOWER LEG



TIE BACK DETAIL
AT ANTENNA MOUNTING FRAME

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES				MATERIAL:	
TOLERANCES: FRACTIONS $\pm 1/16"$ ANGLES $\pm 1/2$ DEG. DECIMALS $\pm .010"$				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 CW01455 & C10902021)		
REV	DATE	DRW/CHK	DESCRIPTION		

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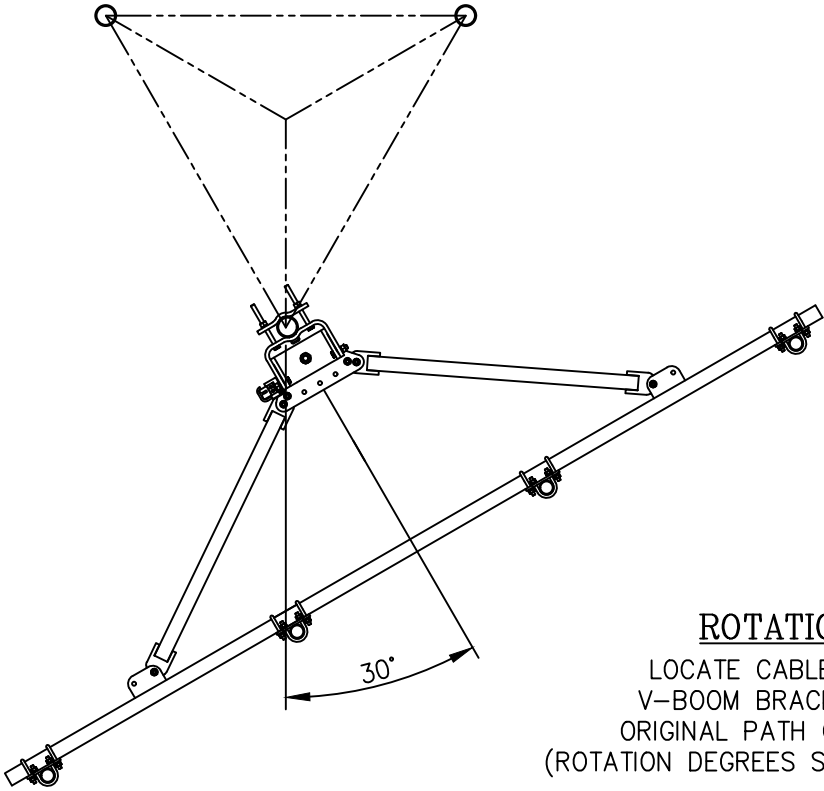
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12' THD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
(4) 2 7/8 ϕ X 10' ANTENNA MOUNTING PIPES

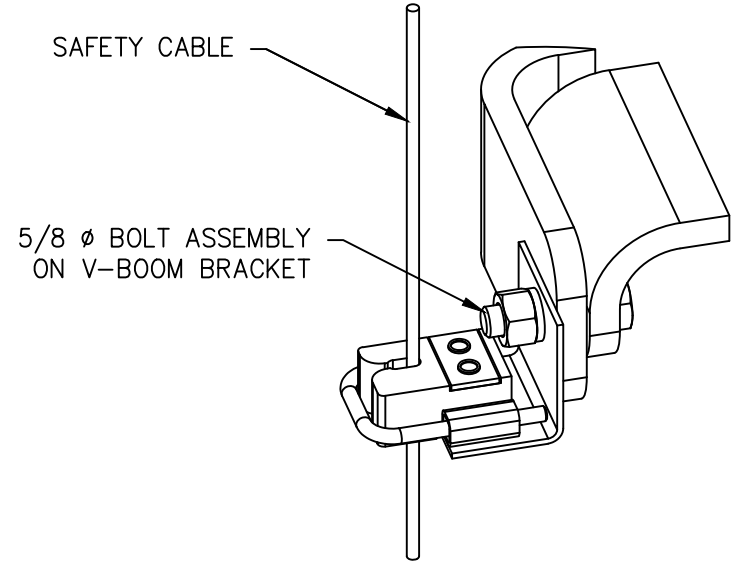
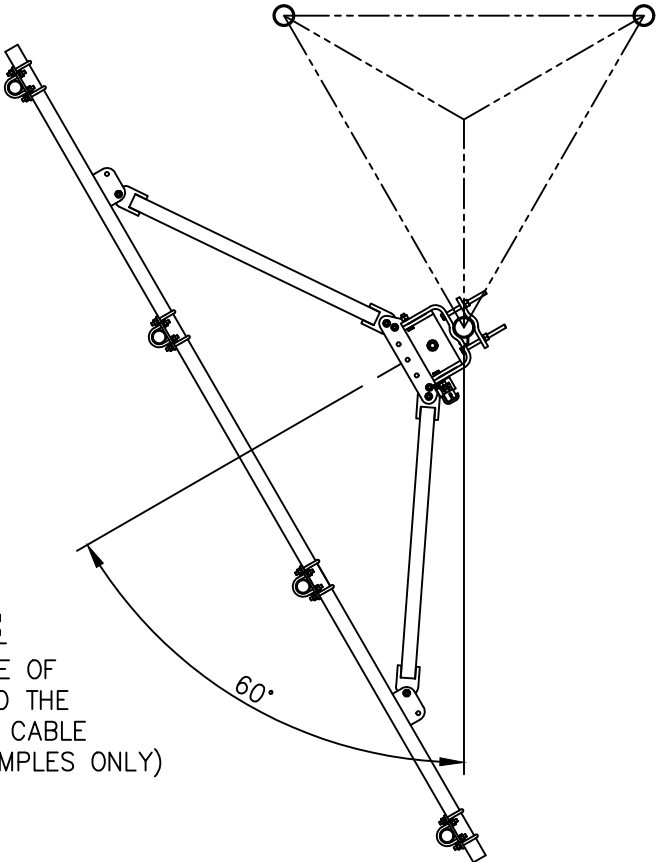
DATE		07/13/20	SIZE	B	DRAWING NO.	C10837001C-4278	REV	2
DRAWN BY		WRF	CHECKED BY		EK	SCALE	None	PAGE
								3 OF 4

OPTIONAL LOCKING CABLE GUIDE

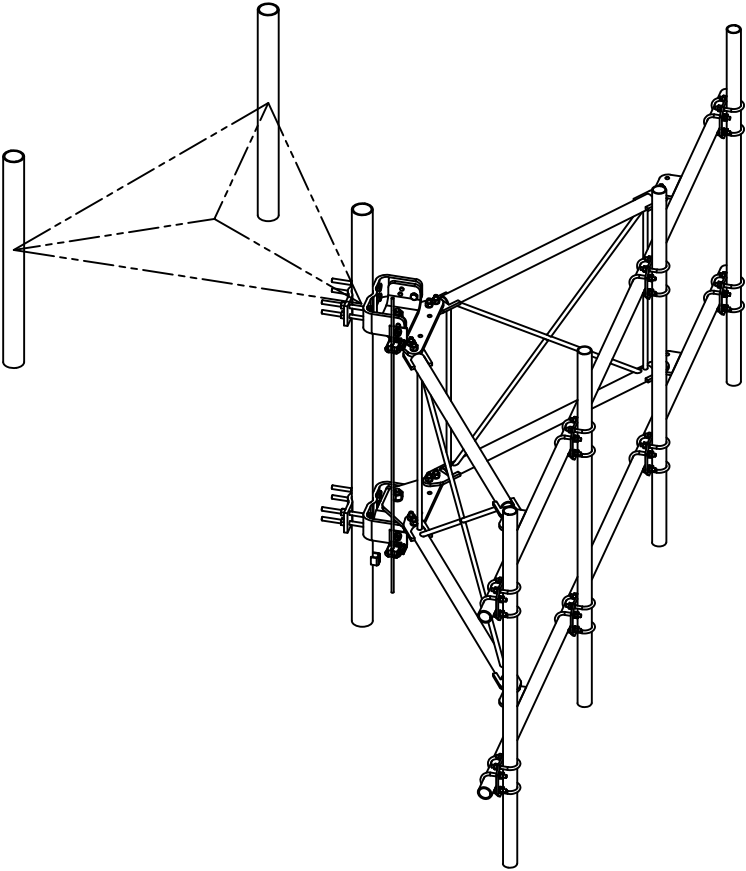
IF REQUIRED PLEASE ORDER PART NUMBER C30017022. THIS KIT WILL COME WITH (2) LOCKING CABLE GUIDES FOR TOP & BOTTOM V-BOOM BRACKETS.



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)



CABLE GUIDE DETAIL



ISOMETRIC VIEW

NOTE

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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES					MATERIAL:				12' 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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		SIZE B	DRAWING NO. C10837001C-4278	REV 2
DATE	07/13/20			
DRAWN BY	WRF			
CHECKED BY	EK		SCALE None	PAGE 4 OF 4