

	(C108570010	C 12' HD V-BOOM ASSEMBLY W/TIEBACK	
ITEM	QTY.	PART NO.	DESCRIPTION	WEIGHT
1	2	CW01222	WELDMENT, STANDOFF ARM	126
2	2	CW01223	WELDMENT, FACE PIPE	147
3	2	CS03109	PLATE, ROTATING	34
4	1	CS03110	PLATE, PIVOTING (UPPER)	16
5	1	CS03111	PLATE, LEG CLAMP (UPPER)	17
6	1	CS03112	PLATE, PIVOTING (LOWER)	14
7	1	CS03113	PLATE, LEG CLAMP (LOWER)	17
8	2	CS03114	PLATE, LEG CLAMP (BACK)	14
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	C40026073	BOLT ASSEMBLY, 1 Ø X 3 A325	4
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	12	C40026025	BOLT ASSEMBLY, 5/8 Ø X 2 1/2 A325	6
16	5	C40026024	BOLT ASSEMBLY, 5/8 Ø X 2 1/4 A325	3
17	2	C40034183	U-BOLT ASSEMBLY, 1/2 Ø X 2 15/16 C-C	3
18	1	Z30992001	MOUNT CLASSIFICATION TAG C10857001C	1
19	2	C40062103	STAINLESS STEEL SELF-LOCKING CABLE TIE	1
			TOTAL WEIGHT	462

PACKAGING NOTE

CK00386 INCLUDES ITEMS 1, 3, 4, 5, 6, 7, 12 & 15 (8 QTY) CK00387-HDW INCLUDES ITEMS 8, 9, 10, 13, 14, 15 (4 QTY), 16, 17, 18 & 19 CK00387-STL INCLUDES ITEMS 2 & 11

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INSTALLATION NOTES:

- 1. INSTALL MOUNT TO TOWER AS SHOWN, SO THAT WELDED STANDOFF DIAGONAL IS SLOPING DOWNWARD FROM TOWER END TO FACE PIPE END.
- 2. 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.
- 3. INSTALL PRODUCT EXACTLY AS SHOWN IN DRAWING, WITH ALL BOLTS FACING UPWARDS.
- 4. IF LOCKING CABLE GUIDES ARE REQUIRED THEY MUST BE PURCHASED SEPARATELY (SEE PAGE 4).

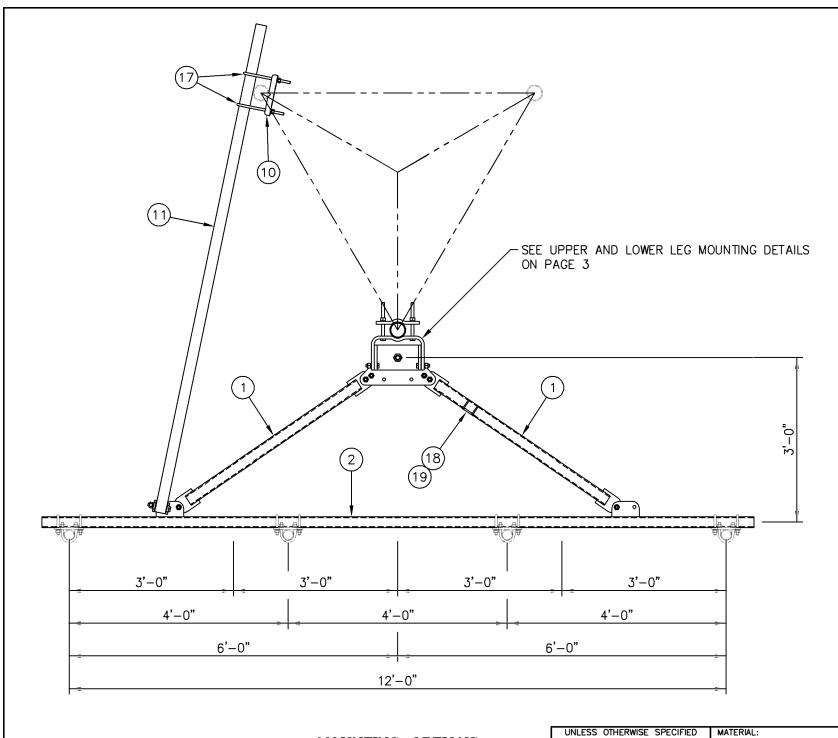
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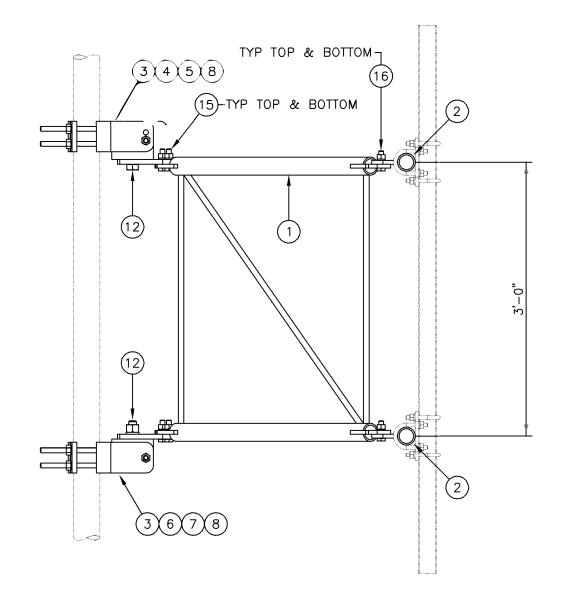
- 1. MOUNTING PIPES & CROSSOVER PLATE KITS MUST BE PURCHASED SEPARATELY.
- 2. QUANTITIES SHOWN IN LISTS OF MATERIAL ARE FOR ONE (1) V-BOOM ONLY.
- 3. THIS V-BOOM WILL MOUNT TO THE FOLLOWING: 1 1/2" & TO 5 9/16" & ROUND LEG.
- 4. TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED ABOVE IN THE TIEBACK ANGLE RANGE DETAIL UNLESS APPROVED BY THE ENGINEER OF RECORD.
- 5. 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.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES Sabre Industries TOLERANCES: FRACTIONS ± 1/16" Towers and Poles TOLERANCES DO NOT APPLY ANGLES ± 1/2 DEG. TO RAW MATERIAL DECIMALS ± .010" CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sabre Communications | 1 | ADDED NOTE 4 TO INSTALLATION NOTES AND ADDED PAGE 4 | 4 | 04/11/17 | KLE | EK | REMSED PACKAGING NOTE | 3 | 10/19/16 | KLE | DEL | ADDED INSTALLATION NOTES | 2 | 02/05/16 | DLWIDEL | ADDED PACKAGING NOTE | 1 | 01/21/16 | KLE | EK | REVISED NOTES & ADDED TIEBACK ANGLE RANGE DETAIL Corporation ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre. © 2015 Sabre Communications Corporation. DATE DRWICHK DESCRIPTION All rights reserved.

12' HD V-BOOM ASSEMBLY W/TIEBACK (3' STANDOFF) W/NO ANTENNA MOUNTING PIPES

		SIZE	DRAWING NO.			REV
DATE	12/22/15	В	C10857001C			5
DRAWN BY WRF				SCALE	PA	AGE
CHECKED BY EK		1		None	1 1 (OF 4





SIDE VIEW

Rosenberger Site Solutions, LLC

visit www.RosenbergerOnline.us

MOUNTING OPTIONS

SHOWNG MOUNTING PIPE PLACEMENTS

Sabre Industries Towers and Poles

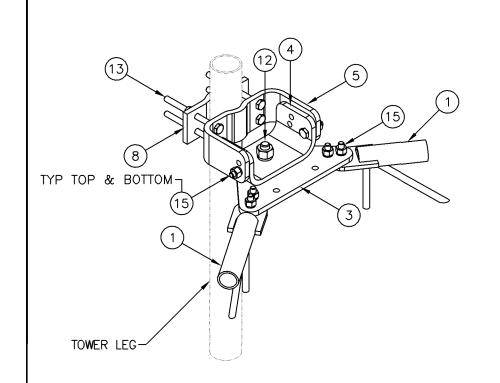
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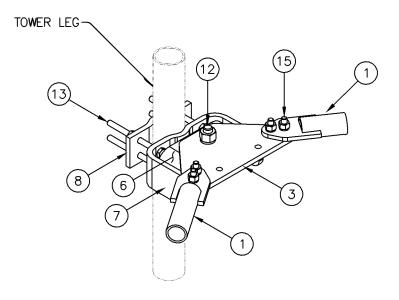
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12' HD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
W/NO ANTENNA MOUNTING PIPES

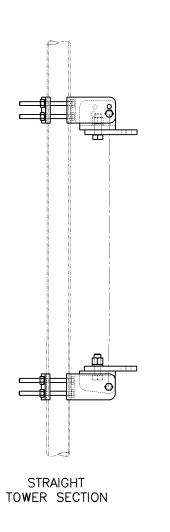
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DATE	12/22/15	В	C10857001C			5
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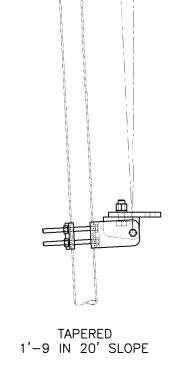


UPPER LEG MOUNTING DETAIL

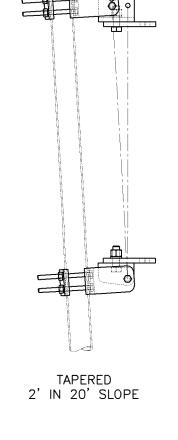


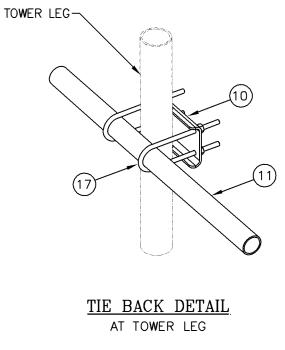
LOWER LEG MOUNTING DETAIL

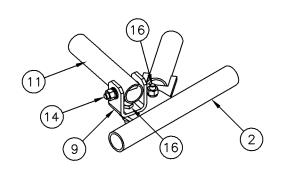




-----PIVOTING OPTIONS-----







TIE BACK DETAIL
AT ANTENNA MOUNTING FRAME

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					1/2 DEG.	TOLERANCES DO NOT APPLY		
			DECIM	IALS	± .010"	TO RAW MATERIAL		
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	-3	10 '19 '16	'KLE	'DEL'	'ADDED INSTAL	LLATION NOTES	reprod	
	2 ' 02 '05 '16 'DLW'DEL 'ADDED PACKAGING NOTE							
	1 01/21/16 KLE EK REVISED NOTES & ADDED TIEBACK ANGLE RANGE DETAIL							
	<u></u> -					23 G. ADDED HEDACK ANGLE KANGE DETAIL	C 201	
	REV	DATE	DRW	снк		DESCRIPTION	All ric	
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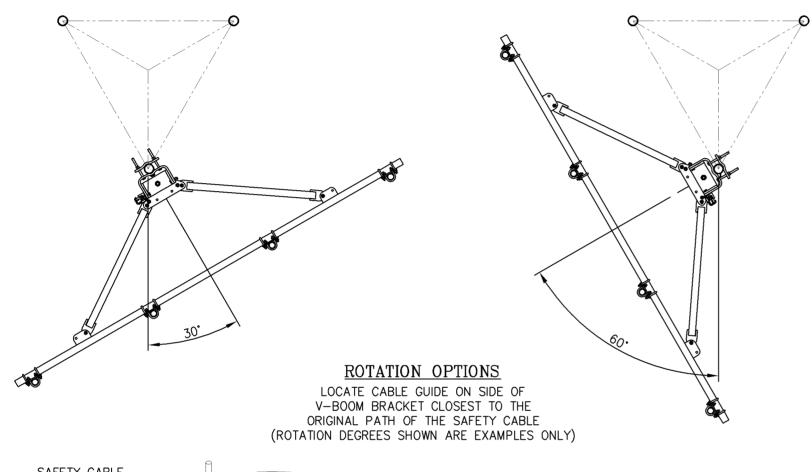
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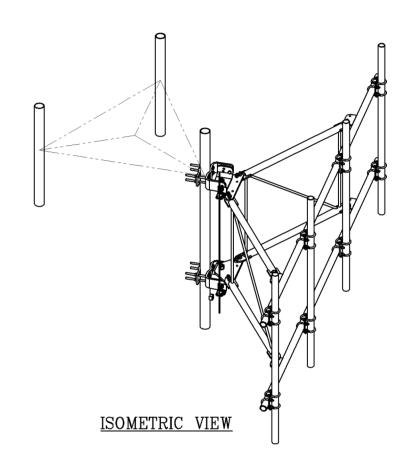
12' HD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
W/NO ANTENNA MOUNTING PIPES

		SIZE	DRAWIN	IG NO.		REV
DATE	12/22/15	В	C10857001C			5
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OPTIONAL LOCKING CABLE GUIDE

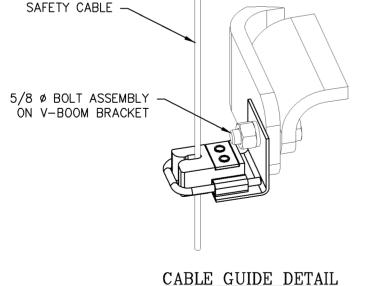
IF REQUIRED PLEASE ORDER PART NUMBER C30017022. THIS KIT WILL COME WITH (2) LOCKING CABLE GUIDES FOR TOP & BOTTOM V-BOOM BRACKETS.







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				CLUDE	MATERIAL:	Cabre Industries"
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"			ES ±	: 1/2 DEG.	TOLERANCES DO NOT APPLY TO RAW MATERIAL	Sabre Industries Towers and Poles
						CONFIDENTIAL This document and the information contained herein is the confidential trade
5				ADDED NOTE 4	5 TO GENERAL NOTES, 1 TO INSTALLATION NOTES AND ADDED PAGE	
3	10/19/16	KLE	DEL	REVISED PACK ADDED INSTAL ADDED PACK	LATION NOTES	reproduced, copied or used, in whole or in part, for any purpose without the prior
1 REV	01/21/16		EK	REVISED NOTE	S & ADDED TIEBACK ANGLE RANGE DETA DESCRIPTION	written consent of Sabre. © 2015 Sabre Communications Corporation. All rights reserved.

(3' STANDOFF) W/NO ANTENNA MOUNTING PIPES

		SIZE	DRAWING NO.			REV
DATE	12/22/15	В	C10857001C			5
DRAWN BY	WRF			SCALE	P	AGE
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12' HD V-BOOM ASSEMBLY W/TIEBACK