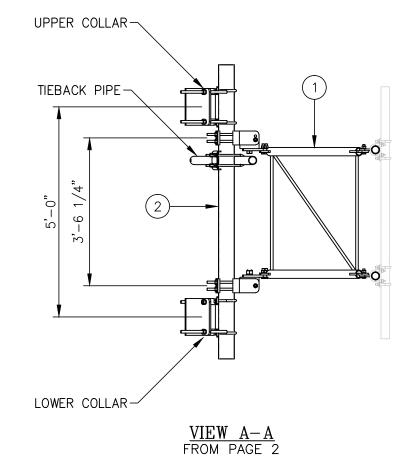


NOTES:

- 1. MOUNTING PIPES & CROSSOVER PLATE KITS MUST BE PURCHASED SEPARATELY.
- 2. SEE DRAWING C10857001C FOR 12' V-BOOM ASSEMBLY.
- 3. SEE DRAWING C10899055 FOR 4 1/2" O.D. MONOPOLE PIPE MOUNT ASSEMBLY.



UNLESS OTHERWISE SPECIFIED MATERIAL: ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES Sabre Industries Towers and Poles TOLERANCES: FRACTIONS ± 1/16" ANGLES \pm 1/2 DEG. TOLERANCES DO NOT APPLY DECIMALS ± .010" TO RAW MATERIAL CONFIDENTIAL

DESCRIPTION

ISOMETRIC VIEW

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SIZE DRAWING NO. В C10857802 9/24/18 DATE DRAWN BY WRF SCALE PAGE CHECKED BY WMN None 1 OF 2

12' HD V-BOOM ASSEMBLIES W/TIEBACK

(3' STANDOFF)

ON MONOPOLE PIPE MOUNT ASSEMBLY

W/NO ANTENNA MOUNTING PIPES

REV

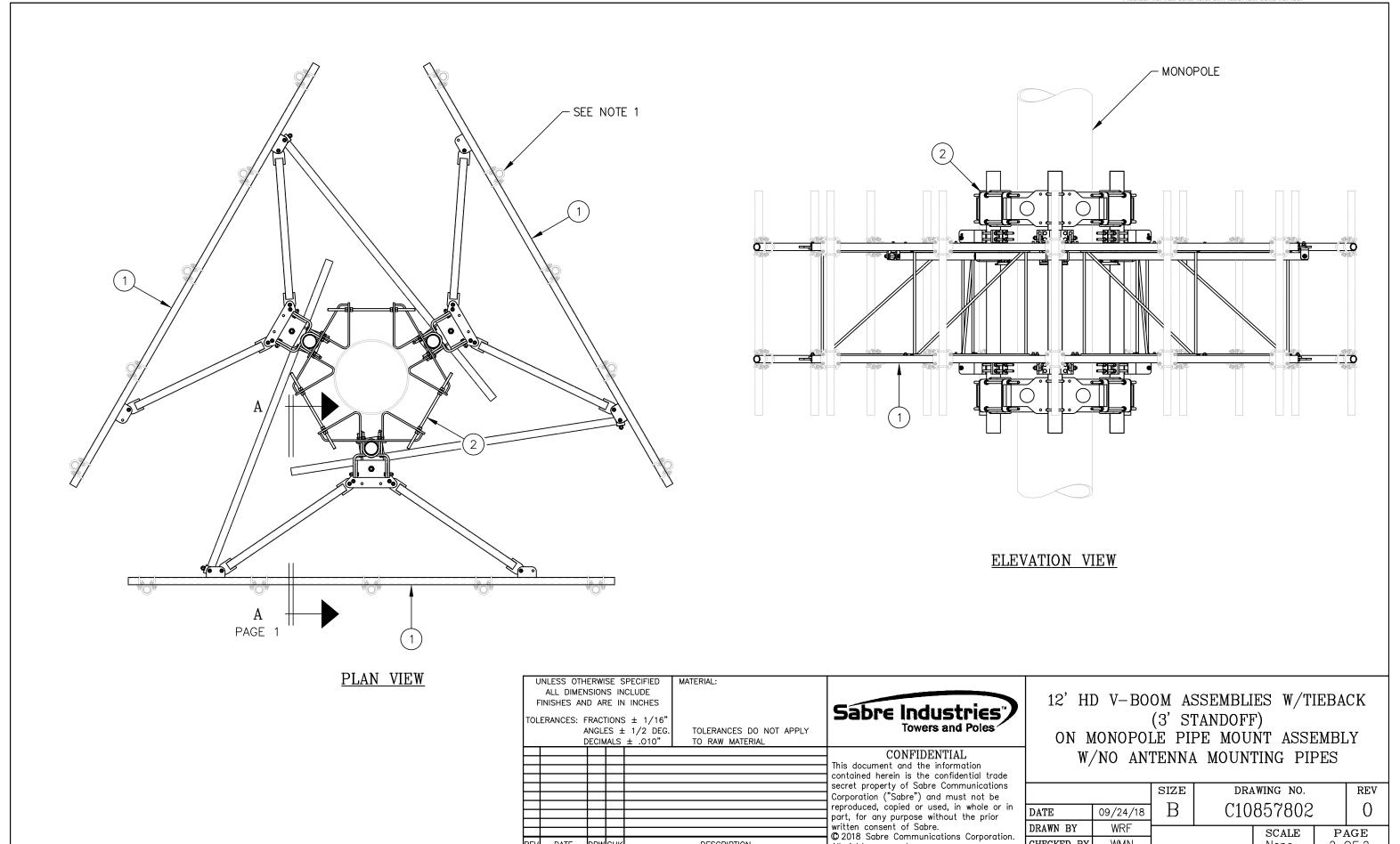


CHECKED BY

WMN

None

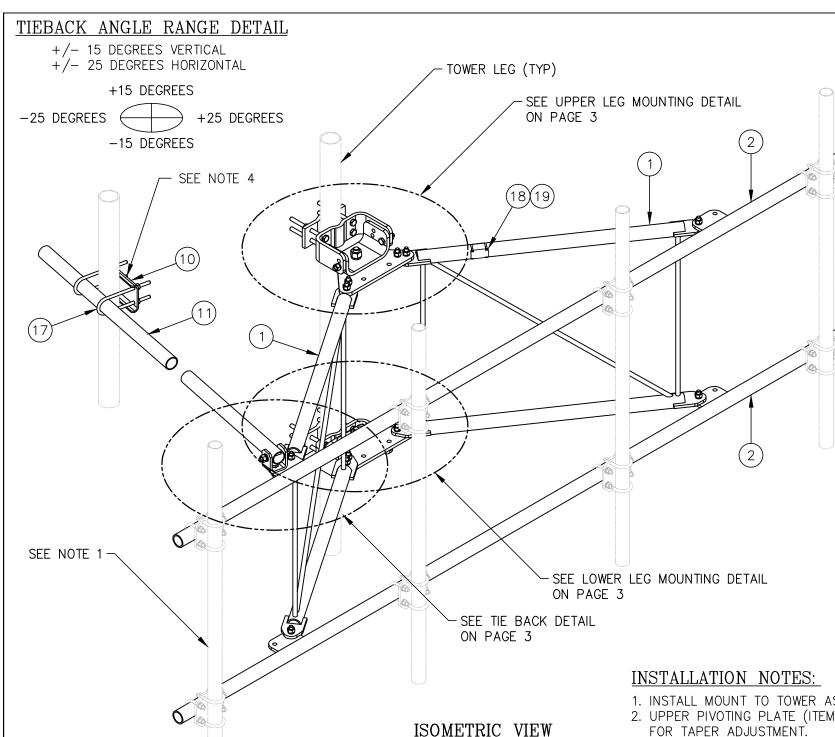
2 OF 2



DESCRIPTION

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DRW CHK



	(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

- 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.

FINISHES AND ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010" TO RAW MATERIAL TO RAW MATERIAL

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE

4 04/11/17 KLE EK REVISED PACKAGING NOTE
3 10/19/16 KLE DEL ADDED INSTALLATION NOTES
2 02/05/16 DLW DEL ADDED PACKAGING NOTE

DESCRIPTION

NOTES:

- 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.

Sabre Industries Towers and Poles

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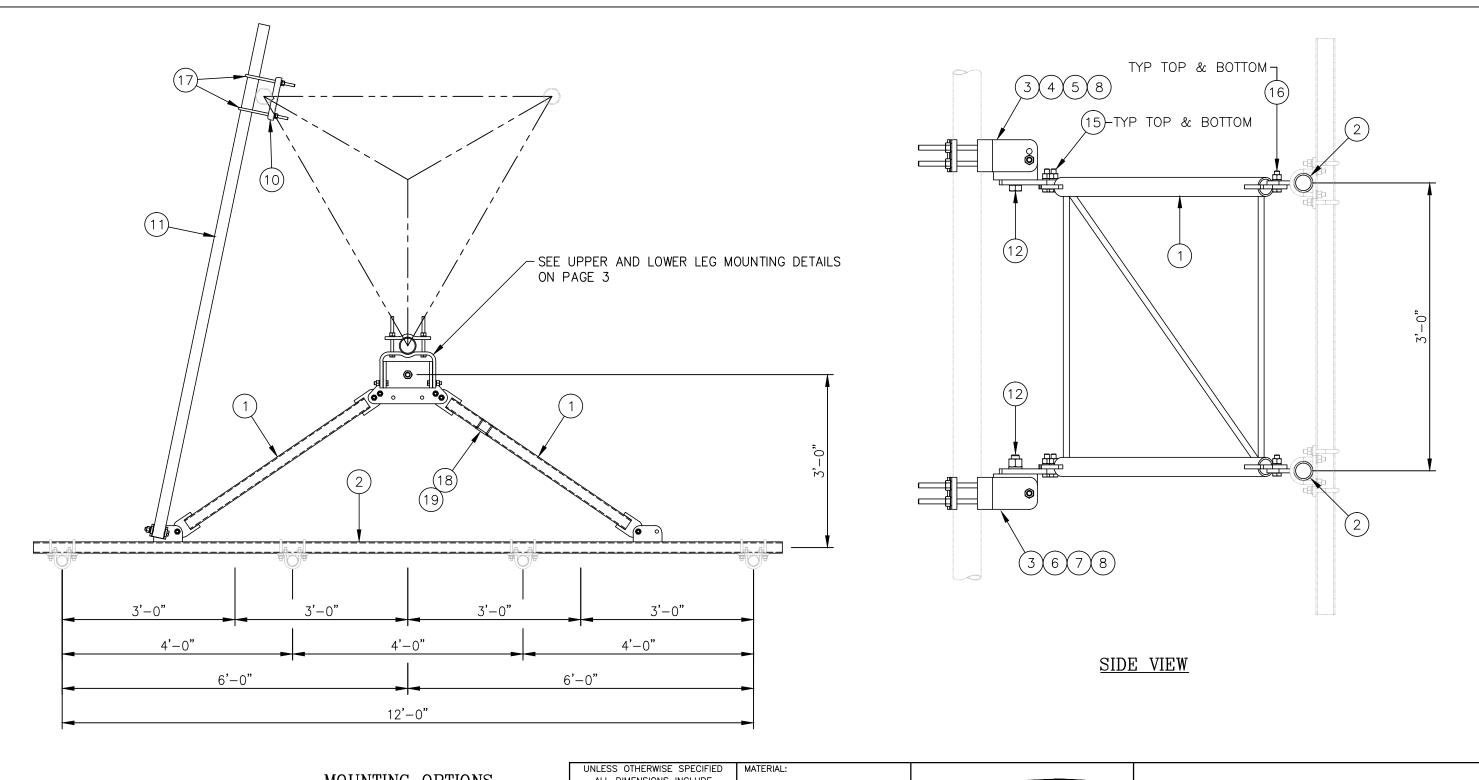
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12' HD V-BOOM ASSEMBLY W/TIEBACK
(3' STANDOFF)
W/NO ANTENNA MOUNTING PIPES

		SIZE	DRAWING NO.		REV	
DATE	12/22/15	В	C10857001C			4
DRAWN BY WRF				SCALE	P	AGE
CHECKED BY	EK			None	1 (OF 3



MOUNTING OPTIONS SHOWING MOUNTING PIPE PLACEMENTS

	INLESS OTH ALL DIMEN FINISHES AN	ISION	IS IN	ICLUDE	MATERIAL:		
TOL		ANGLI	ES ±	6 ± 1/16" 1/2 DEG. ± .010"	TOLERANCES DO NOT APPLY TO RAW MATERIAL		
4	04/11/17			REVISED PACE			
3	10/19/16				LATION NOTES		
2	02/05/16			ADDED PACKA			
1	01/21/16	KLE	EΚ	REVISED NOTE	S & ADDED TIEBACK ANGLE RANGE DETAIL		
REV	DATE	DRW	СНК	DESCRIPTION			

Sabre Industries Towers and Poles

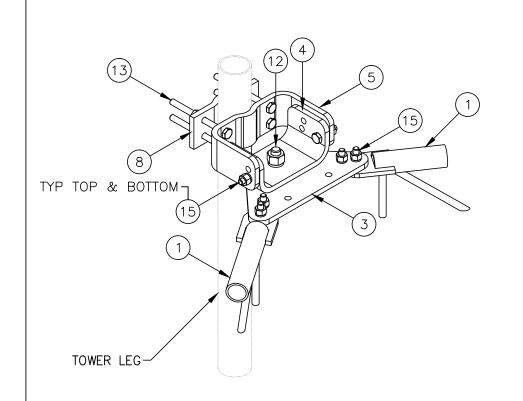
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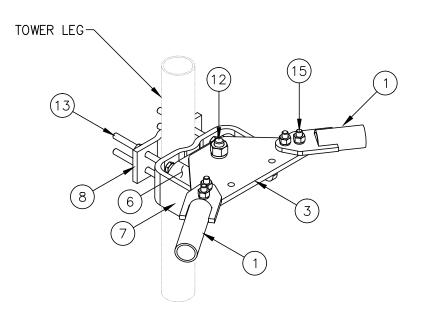
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12' HD V-BOOM ASSEMBLY W/TIEBACK (3' STANDOFF) W/NO ANTENNA MOUNTING PIPES

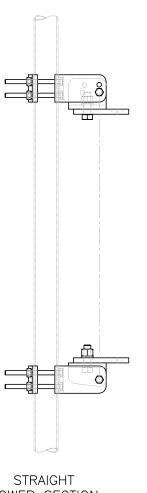
		SIZE	DRAWING NO.			REV
DATE	12/22/15	В	C10857001C			4
DRAWN BY	WRF			SCALE	P	AGE
CHECKED BY EK				None	2 (OF 3



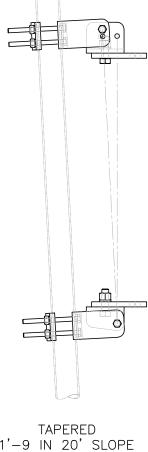
UPPER LEG MOUNTING DETAIL



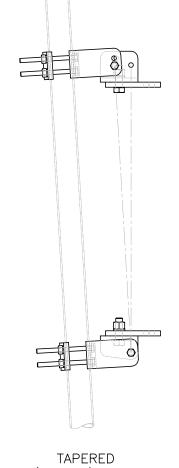
LOWER LEG MOUNTING DETAIL



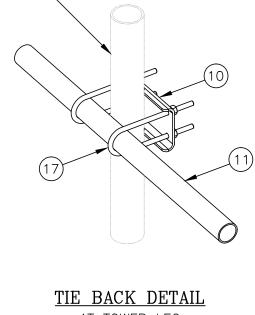




1'-9 IN 20' SLOPE

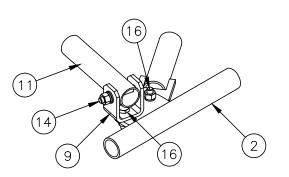


2' IN 20' SLOPE



TOWER LEG-

AT TOWER LEG



TIE BACK DETAIL AT ANTENNA MOUNTING FRAME

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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES Sabre Industries TOLERANCES: FRACTIONS ± 1/16" **Towers and Poles** ANGLES \pm 1/2 DEG. TOLERANCES DO NOT APPLY DECIMALS ± .010" TO RAW MATERIAL CONFIDENTIAL This document and the information

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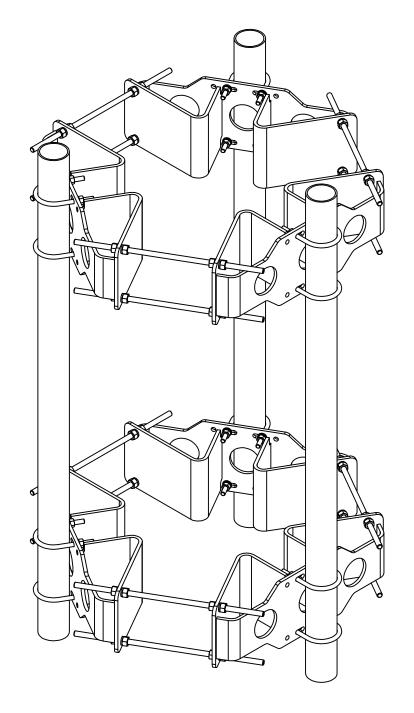
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12' HD V-BOOM ASSEMBLY W/TIEBACK (3' STANDOFF) W/NO ANTENNA MOUNTING PIPES

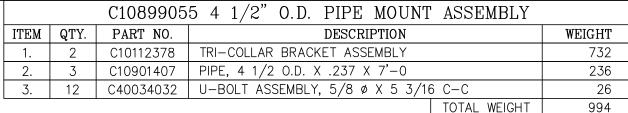
		SIZE				
DATE	DATE 12/22/15		C10857001C			4
DRAWN BY WRF				SCALE	P	AGE
CHECKED BY EK				None	3 (OF 3

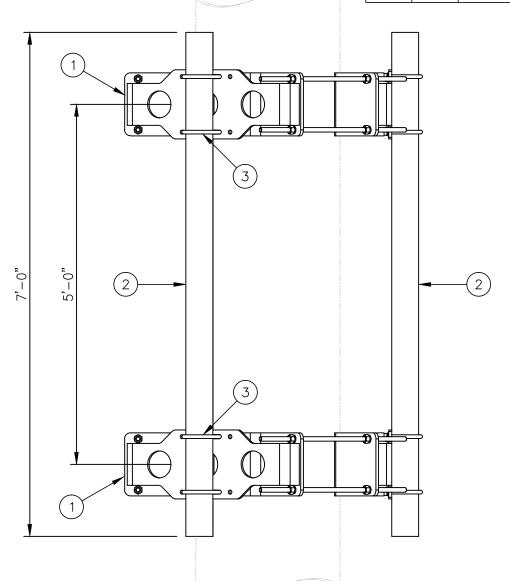


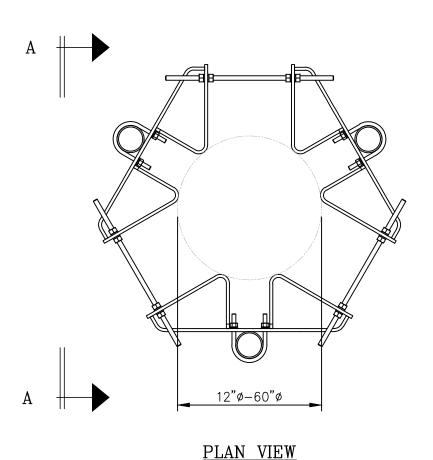




ISOMETRIC VIEW







VIEW A-A

F	INLESS OTH ALL DIMEN INISHES AN ERANCES: F	ISION D AF	IS IN	ICLUDE I INCHES	MATERIAL:	Sab
1	A	ANGL	ES ±	: 1/2 DEG.	TOLERANCES DO NOT APPLY	
1				± .010"	TO RAW MATERIAL	
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1	02/03/17	WRF	KLE	COLLAR WAS	C10112301	written co
REV	DATE	DRW	СНК		DESCRIPTION	All rights

Sabre Industries Towers and Poles

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4 1/2" O.D. PIPE MOUNT ASSEMBLY FOR MONOPOLES (FITS 12" TO 60" DIAMETER)

		SIZE	DRA	WING NO.		REV
ATE	01/26/16	В	C10899055		1	
RAWN BY WRF				SCALE	P	AGE
HECKED BY	DLW			None	1 1 (OF 1