D	ITEM NO.	QTY.	PART NO.	DESCRIPTION
U	1	1	7000-2116KD-1	WELDMENT, SIDE ARM
	2	2	7000-2116KD-12	BOOM WELDMENT, 12'
	3	2	7000-2120-TB	WELDMENT, TOWER LEG BRACKET, UNIVERSAL
	4	4	2125-XX 2	2-3/8" OD ANTENNA MOUNT PIPE
	5	4	7000-2116KD-2	Kick Back Angles 2116KD
	6	10	4499-4G	U-BOLT,2 3/8" OD PIPE, GALV 1/2" DIA
	7	68	4650G-BULK	NUT, 1/2" HEX, A563 GALV
	8	68	4754G-BULK	WASHER, 1/2" RGLR LOCK, GALV
	9	19	4454G-BULK	1/2" X 1-1/2" A325 GLAV. HEX BOLT
	10	12	4750G-BULK 4	WASHER, 1/2" NARROW, GALV
	11	6	4455G	BOLT, 1/2" X 2" LG HEX, A325 GLAV.
	12	1	7000-2120-KD.2	SWAY BAR CLAMP ASSEMBLY
*	13	1	7000-2120-TB.1	TAPER BRACKET LEG ADAPTOR
	14	1	7000-2120-KD.3	CLAMP ANGLE 1/4" X 3" X 14"
	15	2	7000-2120-AA.2	BACKPLATE, ANGLE LEG ADAPTER,
	16	10	4375G-13	ALL THREAD, 1/2" x 13" LG, GALV
	17	1	7000-2120-KD.42	1.9"OD X 42" SWAY BAR WELDMENT
	18	1	7000-2120-KD.84	1.9"OD X 84" SWAY BAR WELDMENT
	19	8	4499-2G	1/2" GALV U-BOLT FOR 2-7/8" OD (NOT SHOWN)

8

- 1. ALT FABRICATION MOUNT 2116KD-12 IS CLASSIFIED AS M350R(950)-4[6] BASED ON TIA-5053 MOUNTING SYSTEM CLASSÌFICÁTION STANDARD.
- [2] ITEM 4, ANTENNA MOUNT PIPE, TO BE ORDERED SEPERATELY.
- 3. FULL COMPLEMENT OF ANTENNA MOUNT PIPES SHOWN.
- [4] ITEM 10, FLAT WASHERS, TO BE INSTALLED AGAINST SLOTS ON ITEMS 1 AND 3.
- 5 INSTALL THE CENTER PIVOT BOLT/NUT/WASHER ASSEMBLY AT THE TOP AND BOTTOM TOWER LEG BRACKET WITH THE DESIRED TOWER TAPER THEN PARTIALLY TIGHTEN. ROTATE THE SECTOR FRAME TO DESIRED AZIMUTH POSITION. INSTALL OUTER (2) BOLT/NUT/WASHER THROUGH THE CURVED SLOTS IN ITEM 1 AT THE TOP AND BOTTOM.
- [6] TO ACHIEVE POSTED WIND RATING, FULLY TIGHTEN ALL (6) AZIMUTH PIVOT POINT BOLTS BY TURNING NUTS 1/3 PAST "SNUG TIGHT" CONDITION AS DEFINED BY AISC 9TH EDITION ASD AFTER FINAL AZIMUTH POSITIONING.
- 7. AZIMUTH ROTATION: ±60° ON CENTER LINE OF TOWER LEG.
- 8. MAX TOWER LEG SIZE: **ROUND LEG - 8" OD** 90° ANGLE LEG - 8" X 8" 60° ANGLE LEG - 11" TIP TO TIP
- 9. ALLOWABLE VERTICAL CENTERLINE OFFSET, e = +/- 6in

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ALT. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF ALT IS PROHIBITED.

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

DMR

ISSUED



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REV.

APPROVALS DATE CDM 08/05/05 DRAWN 08/17/05 **JMD** CHECKED DWG. NO. **JMD** 08/17/05 ENGINEER

08/18/05

12' KNOCK DOWN SECTOR FRAME

2116KD-12 SCALE: NTS DO NOT SCALE DRAWING SHEET 1 OF 3

5/21/2018



