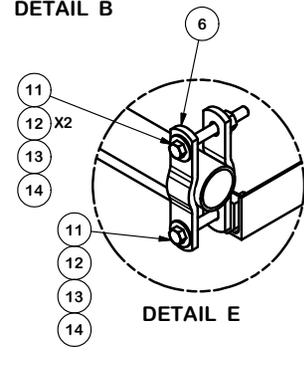
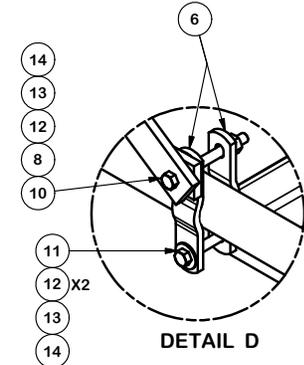
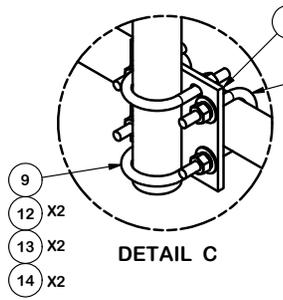
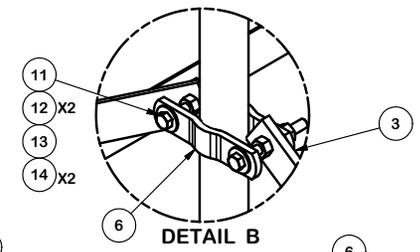
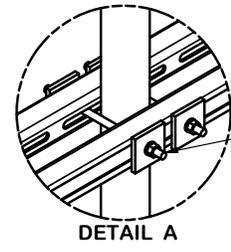


PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-232696	BALLAST TRAY WELDMENT - SITE PRO 1		66.53	133.06
2	2	P263	2-3/8" X 63" SCH 40 GALVANIZED PIPE	63 in	20.18	40.37
3	4	X-232698	TRPD-HD SUPPORT PLATE - SITE PRO 1		8.72	34.89
4	2	P284	2-3/8" X 84" SCH 40 GALVANIZED PIPE	84 in	26.91	53.82
5	2	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"		3.71	7.42
6	20	X-115765	5" V-CLAMP		1.03	20.51
7	4	UNT10	UNISTRUT		20.38	81.52
8	4	X-124312	1/2" X 2" X 2" ANGLE SPACER; WITH 9/16" HOLE		0.53	2.13
9	8	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.73	5.85
10	4	G1205	1/2" x 5" HDG HEX BOLT GR5 FULL THREAD	5 in	0.33	1.30
11	16	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	4.77
12	44	G12FW	1/2" HDG USS FLATWASHER		0.03	1.50
13	36	G12LW	1/2" HDG LOCKWASHER		0.01	0.50
14	40	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	2.87
15	8	SS38R-8	3/8" X 8" THREADED ROD (STAINLESS STEEL)		0.25	2.01
16	16	SQW38	3/8" SQUARE WASHER (GALV.)	2 in	0.27	4.37
17	16	SS38LW	3/8" SS LOCKWASHER		0.01	0.11
18	16	SS38NUT	3/8" SS HEX NUT		0.02	0.29
					TOTAL WT. #	396.43



**TOLERANCE NOTES**  
 TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
 SAWED, SHEARED AND GAS CUT EDGES ( $\pm 0.030"$ )  
 DRILLED AND GAS CUT HOLES ( $\pm 0.030"$ ) - NO CONING OF HOLES  
 LASER CUT EDGES AND HOLES ( $\pm 0.010"$ ) - NO CONING OF HOLES  
 BENDS ARE  $\pm 1/2$  DEGREE  
 ALL OTHER MACHINING ( $\pm 0.030"$ )  
 ALL OTHER ASSEMBLY ( $\pm 0.060"$ )

PROPRIETARY NOTE:  
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DESCRIPTION	
10' HEAVY DUTY ROOFTOP FOR REMOTE RADIO UNITS	
CPD NO.	DRAWN BY
	CEK 3/13/2015
CLASS	DRAWING USAGE
81	CUSTOMER
SUB	ENG. APPROVAL
02	CHECKED BY
	BMC 3/16/2015

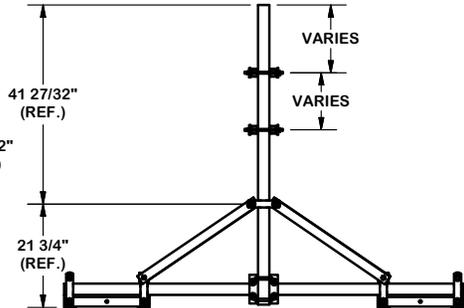
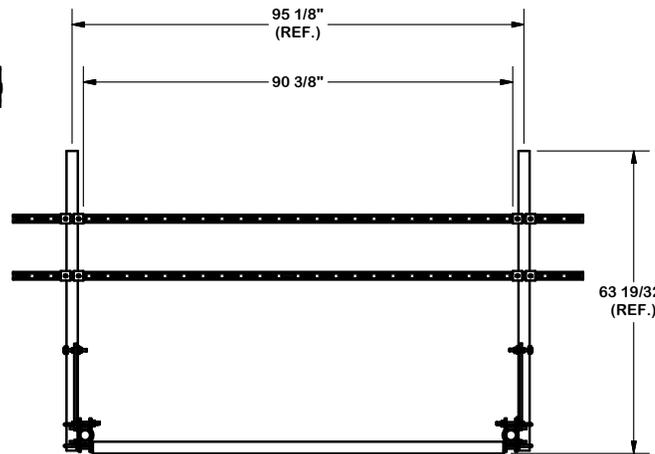
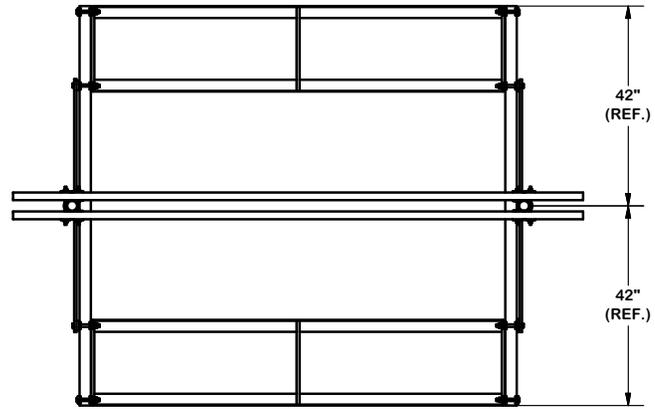
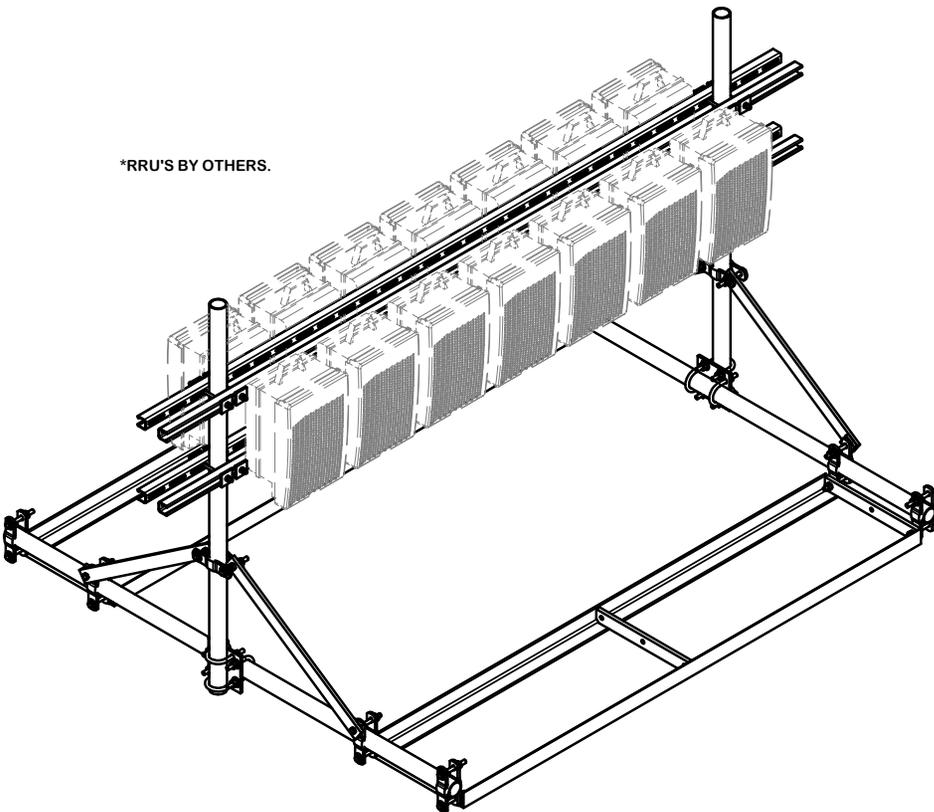
**A valmont COMPANY**

Locations:  
 New York, NY  
 Atlanta, GA  
 Los Angeles, CA  
 Plymouth, IN  
 Salem, OR  
 Dallas, TX

Engineering Support Team:  
 1-888-753-7446

PART NO.	RT-RRU10HD	1 OF 3
DWG. NO.	RT-RRU10HD	

\*RRU'S BY OTHERS.



**TOLERANCE NOTES**

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DESCRIPTION

10' HEAVY DUTY ROOFTOP  
 FOR REMOTE RADIO UNITS

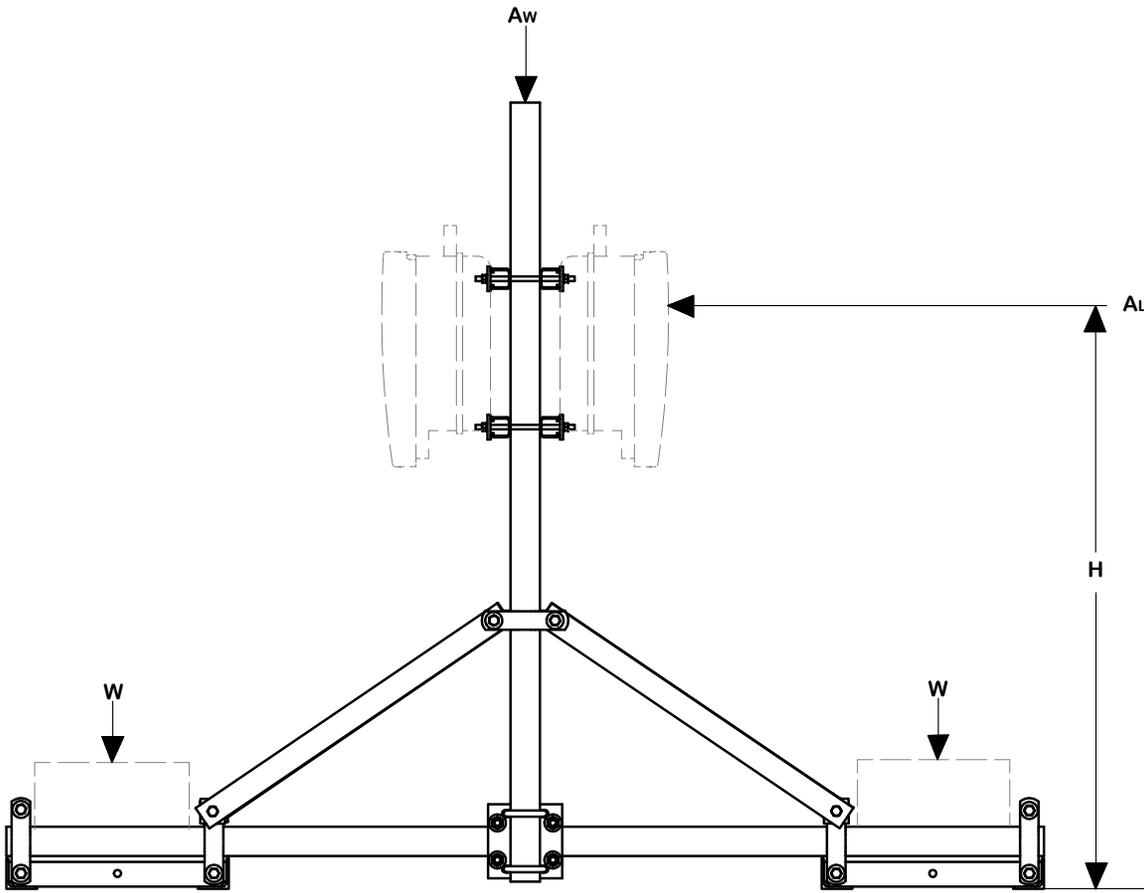
CPD NO.	DRAWN BY	ENG. APPROVAL
81	CEK 3/13/2015	
CLASS	DRAWING USAGE	CHECKED BY
81	CUSTOMER	BMC 3/16/2015



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PART NO.	RT-RRU10HD	PAGE 2 OF 3
DWG. NO.	RT-RRU10HD	



BALLAST EQUATION WITH 1.5 SAFETY FACTOR:

$$W = \frac{(AL * H * 1.5) - (Aw * 3.5)}{6.25}$$

$$WT = W * 2$$

BALLAST EQUATION WITH REV. G LOADING:

$$W = \frac{(AL * H * 1.6) - (Aw * 3.5)}{6.25 (0.9)}$$

$$WT = W * 2$$

- AL = TOTAL ANTENNA / EQUIPMENT WIND LOAD (NON-FACTORED) lbs
- Aw = TOTAL ANTENNA / EQUIPMENT WEIGHT (NON-FACTORED) lbs
- H = HEIGHT FROM ROOFTOP ft
- W<sub>T</sub> = TOTAL BALLAST WEIGHT lbs
- W = BALLAST WEIGHT PER TRAY lbs

**TOLERANCE NOTES**  
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 DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES  
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CLASS	SUB	DRAWING USAGE	CHECKED BY
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	Engineering Support Team: 1-888-753-7446		
PART NO.	RT-RRU10HD	PAGE	3 OF 3
DWG. NO.	RT-RRU10HD		