



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	P3160	3-1/2" X 160" SCH 40 GALVANIZED PIPE	160 in	101.25	202.50
2	1	GRS24	24" X 10" GRIP SPAN BRIDGE CHANNEL		67.98	67.98
3	2	HHD24	24" UNIVERSAL CANTILEVER		14.10	28.20
4	6	ZB24	Z-BRACKET WALL MOUNT FOR 8 RUNS OF COAX		6.00	36.02
5	4	X-UB1358	1/2" X 3-5/8" X 5-1/2" X 3" U-BOLT (HDG.)		0.66	2.63
6	2	PC312	3-1/2" FENCE POST CAP		0.59	1.17
7	6	SS38R-18	3/8" X 18" THREADED ROD (STAINLESS STEEL)		0.56	3.39
8	4	SPLICE	SPLICE FOR GRIP STRUT	7 3/8 in	0.53	2.10
9	12	SQW38	3/8" SQUARE WASHER (GALV.)	2 in	0.27	3.28
10	8	G3803	3/8" x 3" HDG HEX BOLT GR5		0.12	0.97
11	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
12	8	G38NUT	3/8" HDG HEAVY 2H HEX NUT		0.03	0.27
13	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
14	36	SS38NUT	3/8" SS HEX NUT		0.02	0.66
15	36	SS38LW	3/8" SS LOCKWASHER		0.01	0.24
16	36	SS38FW	3/8" STAINLESS FLATWASHER		0.01	0.32
17	8	G38LW	3/8" HDG LOCKWASHER		0.01	0.05
18	16	G38FW	3/8" HDG USS FLATWASHER		0.01	0.19
19	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
					TOTAL WT. #	348.21

**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:  
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION 24' GRIP-SPAN ICE BRIDGE KITS WITH 2-LEVEL Z-BRACKET TRAPEZE 13' 4" DIRECT BURIAL	
CPD NO.	DRAWN BY CEK 9/14/2011
CLASS 81	SUB 02
DRAWING USAGE CUSTOMER	ENG. APPROVAL CHECKED BY BMC 3/6/2012

 <b>A valmont COMPANY</b>	Engineering Support Team: 1-888-753-7446	Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
	PART NO. <b>IB24D-Z2</b>	DWG. NO. <b>IB24D-Z2</b>