



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	P3216	3" SCH. 40 PIPE (3.5" O.D. x 0.216" WALL) A500	216 in	136.68	273.37
2	1	GRS12	12" WIDE GRIP STRUT		24.40	24.40
3	2	HHD12	12" CANTILEVER WELDMENT		8.01	16.02
4	3	ZB12	1/8" MILL PLATE (Fy=35 Ksi Min)		3.16	9.48
5	4	X-UB1358	1/2" X 3-5/8" X 5-1/2" X 3" U-BOLT (HDG.)		0.77	3.09
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	24	SS38NUT	3/8" SS HEX NUT		0.02	0.44
15	24	SS38LW	3/8" SS LOCKWASHER		0.01	0.16
16	24	SS38FW	3/8" STAINLESS FLATWASHER		0.01	0.21
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. #	338.22

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		12" GRIP-SPAN ICE BRIDGE KITS WITH 1-LEVEL Z-BRACKET TRAPEZE 18' DIRECT BURIAL	
CPD NO.	DRAWN BY	ENG. APPROVAL	
	CEK 9/21/2011		
CLASS	DRAWING USAGE	CHECKED BY	
	CUSTOMER	KAC 6/13/2012	

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	PART NO.	IB12D-216Z
DWG. NO.	IB12D-216Z	