



Main Frame ELEVATION: FRAME LINE 2
 NOTE: TOP OF CRANE SEAT TO BE VERIFIED
 CRANE RUNWAY BEAMS & BOLTS BY OTHERS

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
		Thick	Length		
MFC13	11.0/18.0	0.224	120.5	8 x 1/2" x 191.5	8 x 1/2" x 345.9
	18.0/25.0	0.224	120.5	8 x 1/2" x 37.6	
	25.0/31.0	0.224	104.3	8 x 3/8" x 127.2	
	31.0/31.0	0.313	32.4	6 x 5/16" x 45.4	
MFR5	31.0/31.0	0.224	120.5	6 x 5/16" x 105.3	6 x 3/8" x 114.8
	31.0/31.0	0.224	120.5	6 x 1/4" x 241.0	6 x 1/4" x 241.0
	31.0/31.0	0.224	114.8	6 x 3/8" x 120.5	6 x 1/2" x 120.5
	31.0/31.0	0.250	120.5		
MFR6	31.1/51.0	0.375	120.0	6 x 3/8" x 247.8	6 x 1/2" x 121.6
	51.0/31.9	0.375	103.8	6 x 5/16" x 120.5	6 x 1/2" x 129.9
	31.9/27.5	0.375	24.0	6 x 1/2" x 119.6	6 x 1/4" x 231.6
	27.5/27.5	0.250	120.5		
	27.5/27.5	0.224	119.6		
MFR8	27.5/27.5	0.224	119.9	6 x 1/2" x 119.9	6 x 1/4" x 231.6
	27.5/27.5	0.250	120.2	6 x 5/16" x 120.2	6 x 1/2" x 129.9
	27.5/31.9	0.375	24.0	6 x 3/8" x 247.8	6 x 1/2" x 121.6
	31.9/51.0	0.375	103.8		
	51.0/31.1	0.375	120.0		
MFR7	31.0/31.0	0.250	120.5	6 x 3/8" x 120.5	6 x 1/2" x 120.5
	31.0/31.0	0.224	114.8	6 x 1/4" x 241.0	6 x 1/4" x 241.0
	31.0/31.0	0.224	120.5	6 x 5/16" x 105.3	6 x 3/8" x 114.8
	31.0/31.0	0.224	120.5		
MFC14	31.0/31.0	0.313	32.4	6 x 5/16" x 45.4	8 x 1/2" x 345.9
	31.0/25.0	0.224	104.3	8 x 3/8" x 127.2	
	25.0/18.0	0.224	120.5	8 x 1/2" x 241.0	
	18.0/11.0	0.224	120.5		
MFI8	W14X99				
MFI5L/R	W14X90				

FLANGE BRACE TABLE				
PARTMARK	LENGTH	PLACEMENT	QTY/FRAVE	QTY/BLDG
2-FB1	3' 0-5/8"	NS/FS	4	4
2-FB2	3' 8-1/4"	NS/FS	18	18
2-FB3	4' 2-3/8"	NS/FS	4	4
2-FB4	4' 8-1/2"	NS/FS	4	4
2-FB5	4' 0-1/8"	NS/FS	4	4
2-FB6	3' 5-9/16"	NS/FS	8	8
2-FB7	3' 5-11/16"	NS/FS	6	6

ALL FLANGE BRACING - L2X2X1/8



Stephen J. Reifenberg
 9/17/14

ERECTION REQUIRES MINOR ADJUSTMENTS			
ESSEX STRUCTURAL STEEL CO., INC. CORTLAND, NEW YORK 13045			
REVISIONS	PROJECT:	CANAL LANDING 100 WEST COMMERCIAL STREET PORTLAND, MAINE 04101	
	CONTRACTOR:	IRISHSPAN INDUSTRIES	
	PROJECT NO.:	S-1468	
	TITLE:	FRAME CROSS SECTION	
	DRAWN BY:	JCK	DATE: 7/1/14
	SCALE:	D.N.S.	
	SHEET:	3A	