



Main Frame ELEVATION: FRAME LINE 3 4 5
 NOTE: TOP OF CRANE SEAT TO BE VERIFIED
 CRANE RUNWAY BEAMS & BOLTS BY OTHERS

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
	Start/End	Thick	Length	Length		
MFC3	11.0/18.0	0.224	120.5		8 x 1/2" x 191.5	8 x 1/2" x 345.9
MFC14	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	
MFR5	31.0/31.0	0.313	32.4		6 x 5/16" x 45.4	
	31.0/31.0	0.224	120.5		6 x 3/8" 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
MFR9	31.0/31.0	0.250	120.5			
	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
MFR10	27.5/27.5	0.250	120.5			
	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
MFR7	31.9/51.0	0.375	103.8			
	51.0/31.1	0.375	120.0			
MFC4	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			
MFC3	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			
MFI4L/R	W14X99					
MFI5L/R	W14X90					

FLANGE BRACE TABLE				
PART/MARK	LENGTH	PLACEMENT	QTY/FRAME	QTY/BLDG
2-FB1	3' 0-5/8"	NS/FS	4	12
2-FB 2	3' 8-1/4"	NS/FS	18	54
2-FB 3	4' 2-3/8"	NS/FS	4	12
2-FB 4	4' 8-1/2"	NS/FS	4	12
2-FB 5	4' 0-1/8"	NS/FS	4	12
2-FB 6	3' 5-9/16"	NS/FS	4	12
2-FB 7	3' 5-11/16"	NS/FS	8	24

ALL FLANGE BRACING - L2X2X1/8

STATE OF MAINE
 STEPHEN JON REIFENBERG
 NO. 4763
 LICENSED PROFESSIONAL ENGINEER
Stephen Jon Reifenberg
 9/12/14

ERECTOR 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	SHEET: 3B
DRAWN BY:	JCK	DATE:	7/1/14
		SCALE:	D.N.S.