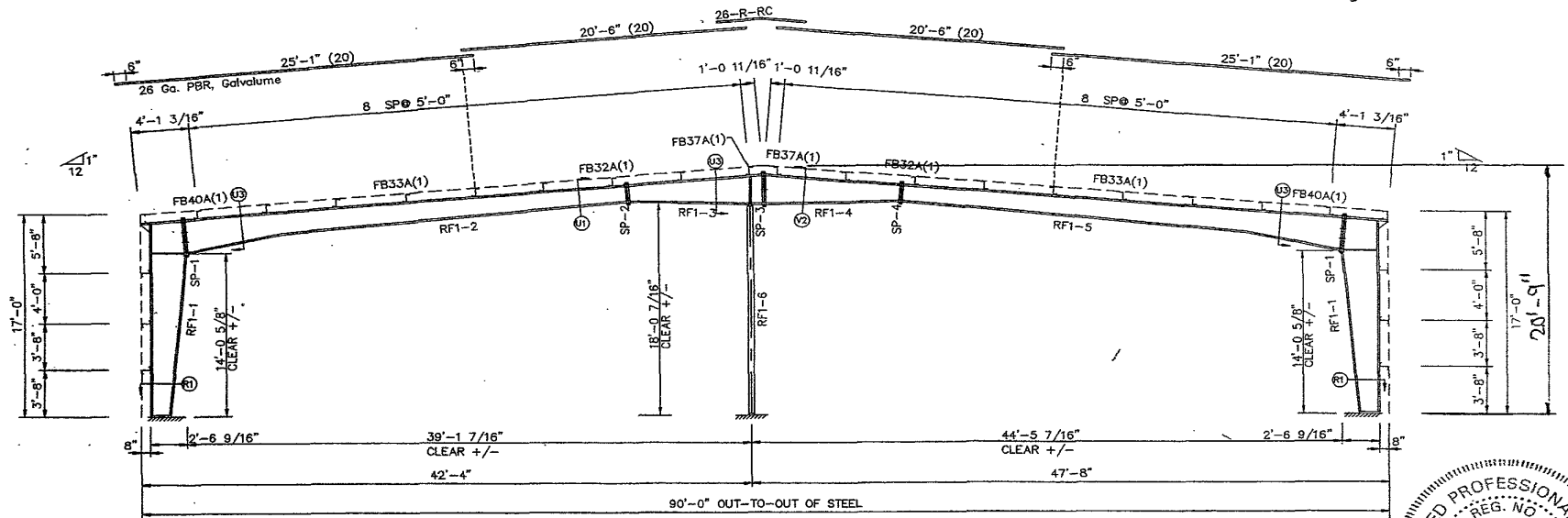


SPLICE PLATES & BOLTS				CAP PLATE BOLTS			
Splice Mark	Qty	Top Of Plate Typ Dia Len	Bottom Of Plate Typ Dia Len	Plate Size Wid Thick	Length	Col Id	Qty Typ Dia Len
SP-1	8	A325 0.750 2.25	4 A325 0.750 2.25	6" 5/8"	3'-2 3/8"	RF1-6	4 A325 0.750 1.75
SP-2	4	A325 0.750 2.25	4 A325 0.750 2.25	6" 5/8"	1'-10 1/4"		
SP-3	6	A325 0.750 2.50	4 A325 0.750 2.50	6" 3/4"	2'-8 3/8"		
SP-4	4	A325 0.750 2.25	4 A325 0.750 2.25	6" 5/8"	1'-10 1/4"		

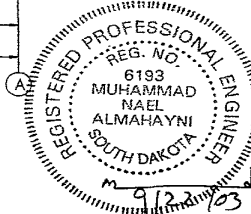
PIECE	MEMBER SIZE TABLE 1017		OUTSIDE FLANGE		INSIDE FLANGE	
	WEB DEPTH	WEB PLATE THICK	W x T x LEN	W x T x LEN	W x T x LEN	W x T x LEN
RF1-1	14.5/20.6	0.188	60.0	6 x 1/4" x 183.9	6 x 1/4" x 54.3	
	20.8/21.8	0.250	12.0	6 x 1/4" x 35.5	6 x 5/16" x 98.6	
	21.8/30.0	0.250	114.2			
RF1-2	30.0/19.0	0.250	85.1	6 x 1/4" x 199.1	6 x 1/4" x 85.8	
	19.0/17.0	0.188	120.0	6 x 5/16" x 132.0	6 x 1/4" x 240.0	
	17.0/15.0	0.135	120.0	6 x 1/4" x 52.0	6 x 1/4" x 58.0	
	15.0/14.0	0.135	58.0			
RF1-3	14.0/24.0	0.250	119.6	6 x 1/4" x 120.0	6 x 1/4" x 118.4	
RF1-4	24.0/14.0	0.250	119.6	6 x 1/4" x 120.0	6 x 5/16" x 118.4	
RF1-5	14.0/15.0	0.135	60.0	6 x 1/4" x 54.0	6 x 1/4" x 60.0	
	15.0/17.0	0.135	120.0	6 x 5/16" x 132.0	6 x 1/4" x 240.0	
	17.0/19.0	0.188	120.0	6 x 1/4" x 197.1	6 x 1/4" x 83.8	
RF1-6	19.0/30.0	0.250	83.1			
	W08641					

FLANGE BRACES: Both Sides(U.N.)
 FBxxA(1): xx=length(in), (1)=one side
 A - L2x2x1/8

03SR045



CROSS SECTION
 FOR FRAME LINE 1



DESIGNER: Leon Brodie		LOCATION: Rapid City, SD		SCALE: NONE
DATE: 9/18/03		DATE: 9/9/03		DATE: 9/9/03
P	9/18/03	FOR PERMITS	FMA	KB
A	9/9/03	FOR APPROVAL	KB	FMA
ISSUE	DATE	DESCRIPTION	BY	DATE
PAGE NUMBER: E2 OF 8		ISSUE: 0		