

**RAILING FRAME COMPONENTS  
WITH 400 LBS. (182 KG) PRESTRESS PER CABLE**

RAILING	CARBON STEEL	STAINLESS STEEL
	A500 GRADE B, Fy = 42 ksi (Tube)	A36 Fy=36 ksi (Flat Bar)
<b>2"x1" x 36-1/2" High Double End Post without Bottom Rail</b>		
Anchor (End) Post		Two 2"x1" flat bars
Intermediate Post	HSS 2"x1"x 1/8" tube	
Top Rail	HSS 2"x1"x 1/8" tube	
<b>3"x1" x 36-1/2" High Double End Post without Bottom Rail</b>		
Anchor (End) Post	Two HSS 3"x1"x 1/8" tubes	
Intermediate Post	HSS 3"x1"x 1/8" tube	
Top Rail	HSS 3"x1"x 1/8" tube	

There is presently no commercially available stainless steel suitable for use with these frames. Consider using 2" square tubing for end posts for which there is a commonly available stainless steel material (see drawing D6).