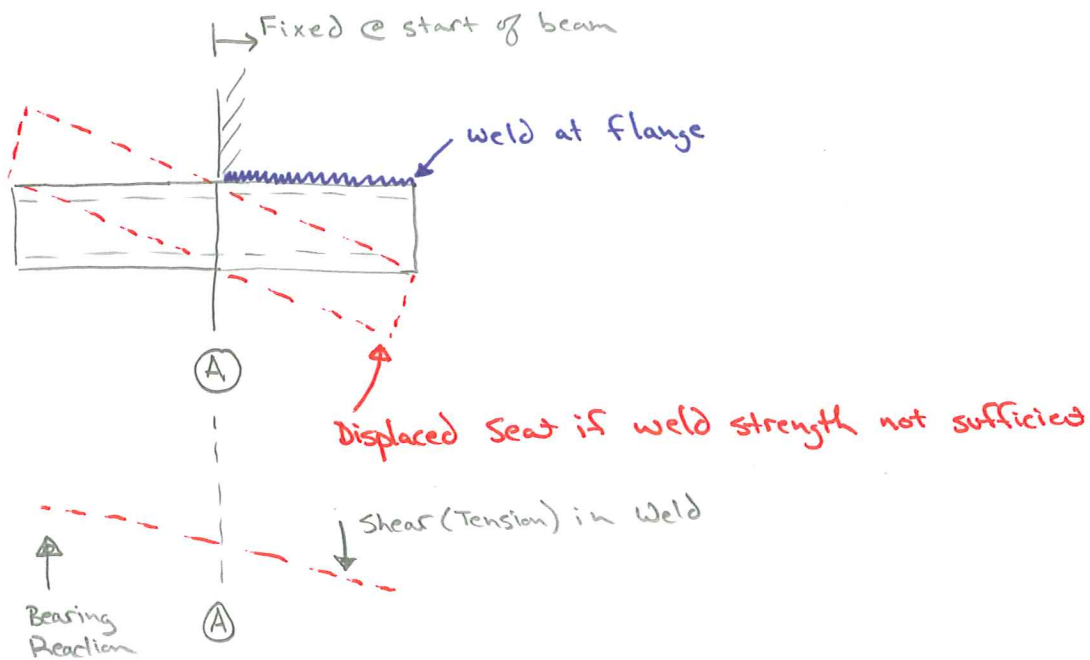


Seat Connection



Try 1/4", 6" Long Weld

$$\frac{R_n}{\Omega} = .928 D l$$

$$= .928 (4) (6) (2) (1.5)$$

fillet each side

$$= 66.8k$$

Transverse weld