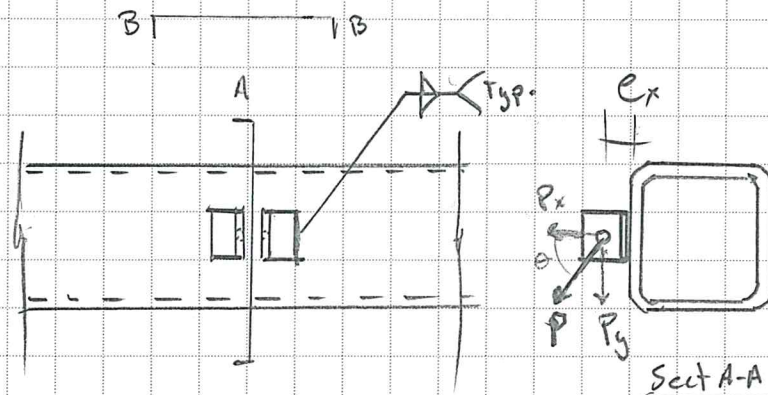
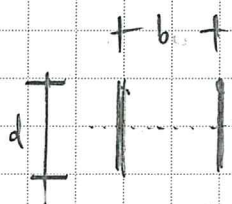


weld profile (one clip)



From Blodgett's

$$S_w = \frac{d^2}{3}$$

$$L_w = 2 \cdot d$$

weld stress

$$\text{normal: } P_x/L_w + P_y \cdot e_x/S_w = f_w$$

$$\text{Longit.: } P_y/L_w = f_c$$

$$\text{Weld Shear: } \sqrt{f_w^2 + f_c^2}$$