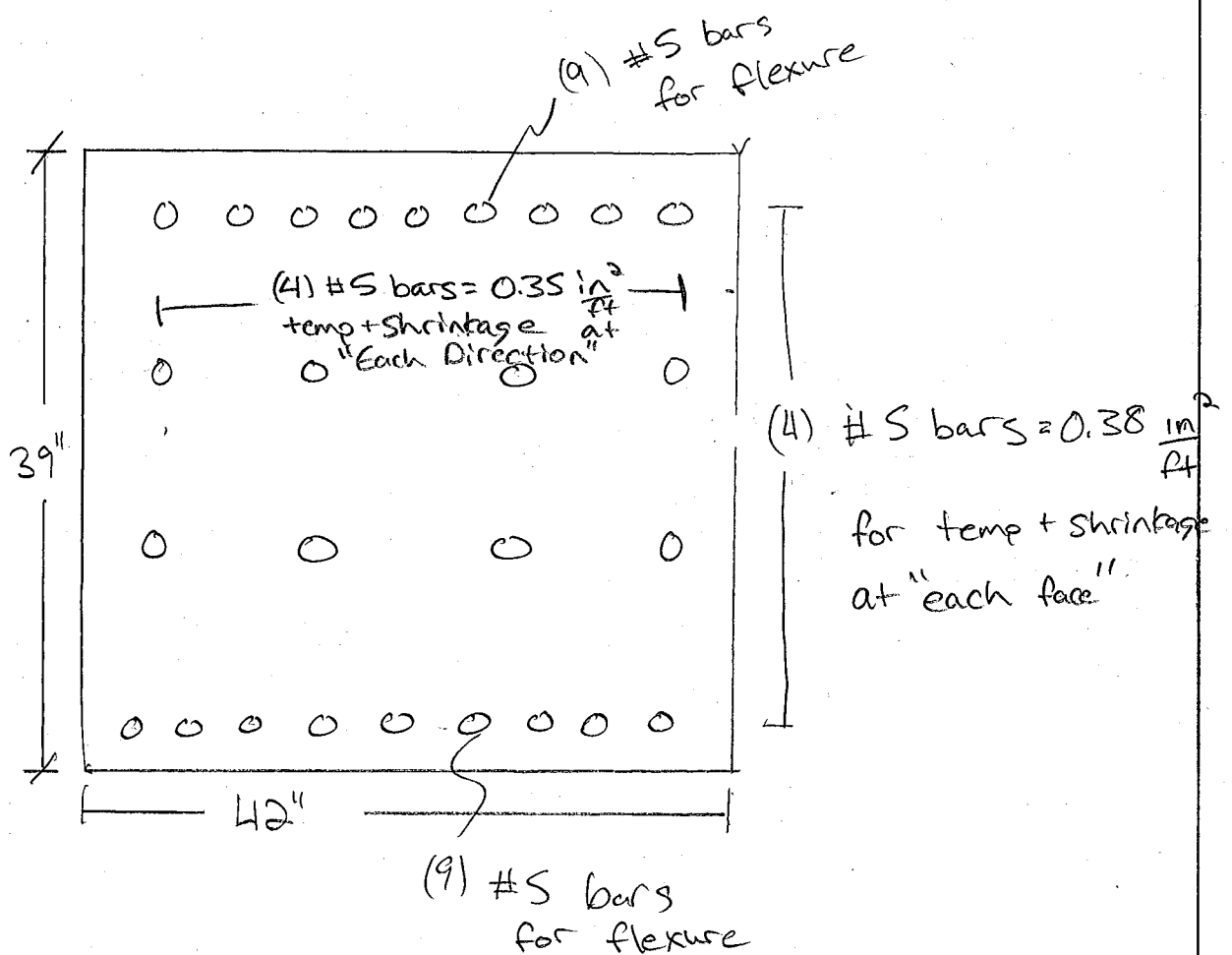




Temp + Shrinkage (AASHTO S.10.8)

$$A_s = \frac{(1.30)(b)(h)}{(2)(b+h)(f_r)} = \frac{(1.30)(42")(39")}{(2)(42" + 39")(60 \text{ ksi})} = 0.22 \frac{\text{in}^2}{\text{ft}}$$

$$0.11 \frac{\text{in}^2}{\text{ft}} \leq A_s \leq 0.60 \frac{\text{in}^2}{\text{ft}}$$