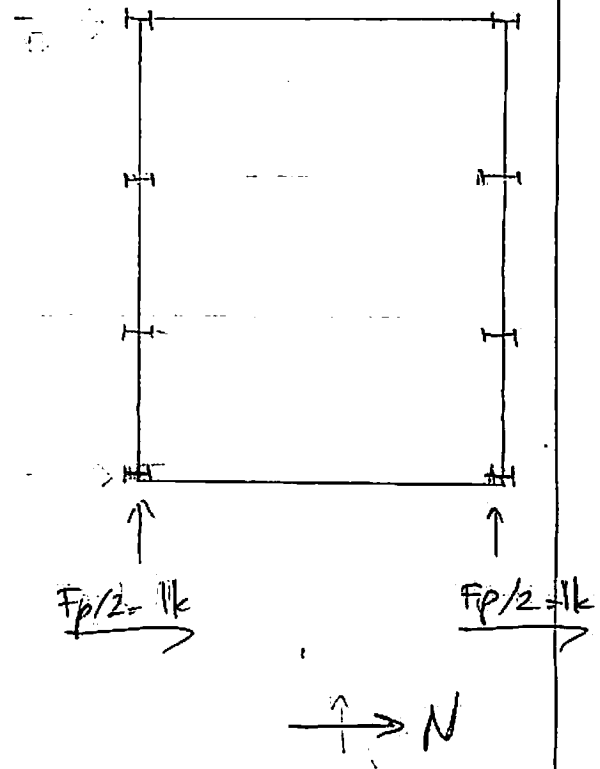
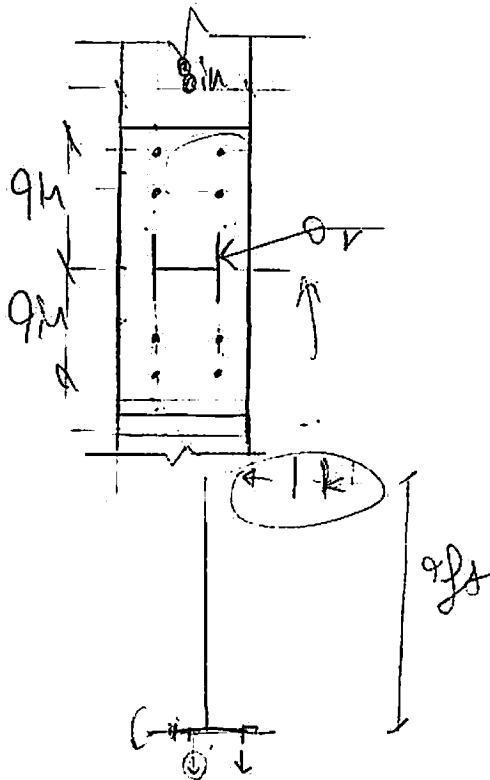


# E-W DIRECTION

Columns

$$\rightarrow F_p = 2k$$



$$\text{Moment} = (9 \text{ ft}) (1 \text{ k}) = 9 \text{ k-ft}$$

$$\text{(4) - threaded Rods} = 2.25 \text{ k-ft}$$

$$\rightarrow \text{Plate Dimensions} = 8'' \times 18'' \times 3/4''$$

$\rightarrow$  Check Threaded Rod Capacities

$$\text{Moment-Arm Length} \approx 12 \text{ in}$$

$$\text{Tension @ Each Threaded Rod} \Rightarrow 2.25 \text{ k}$$

Based on ICC-ES ESR-2508  
Table 6

Allowable tension load for 3/4"  $\phi$  Threaded Rod Anchor  
w/ SET-XP in 3-1/2"

$$\rightarrow 2450 \text{ lbs} = 3.45 \text{ k} > 2.25 \text{ k}$$