

All walls Δ 19/32 RS w/10d @ 6/12

$$V_{asd} = 310 \text{ plf}$$

$$V = 10 \text{ kip}$$

$$h = 12'$$



$$b_1 \quad b_2 \quad b_3 \quad b_4$$

$$b_i \quad 4' \quad 6' \quad 4'$$

$$AR = \frac{V}{b_i}$$

$$AR = 3/1$$

$$2/1$$

$$0.75/1$$

$$3/1$$

Adjust strength ?

Y

N

Y

$$\frac{2.60}{V}$$

$$Adj. Factor = 0.67$$

$$0.67$$

$$V_{adj}$$

$$207$$

$$310$$

$$207 \mid \Sigma = 1034$$

$$\frac{V^*}{\Sigma V^*}$$

$$Dist. Factor = 0.2$$

$$0.3$$

$$0.3$$

$$0.2$$

$$V.D.F \text{ Wall Force} = 2k$$

$$2k$$

$$3k$$

$$3k$$

$$2k \mid \Sigma = 10k$$