

SUBJECT: \_\_\_\_\_

Moment at Wall Lowest partially exposed block

$$M = (w) \text{ Moment arm}$$

$$= \left( \frac{5.025 \text{ k}}{\text{ft}} \right) \left( \frac{2.5' \text{ width}}{2} \right)$$

$$\boxed{M_R = 7.03 \text{ ft} \cdot \text{k} \cdot \text{ft} / \text{ft}}$$

$$\text{Factor of Safety} = \frac{M_{\text{Resisting}}}{M_{\text{p LOAD}}}$$

$$= \frac{7.03}{3.676}$$

$$F.S. = 1.91$$

w/o consideration for the  
Maafi geogrid.



E24884

1/11/17  
EXP 12/31/18

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