



$$OTM \text{ SF} = 3.5$$

$$\text{Sliding SF} = 1.8 (\mu = 0.4)$$

$$f_a / F_a + f_b / F_b = 0.92$$

$$\text{Soil Pressure @ toe} = 1,900 \text{ psf}$$

$$\text{Soil Pressure @ heel} = 960 \text{ psf}$$

$$f'_c = 3,000 \text{ psi}$$

$$\text{Soil Bearing Pressure (Allowable)} = 2,000$$