



$\mu_1$  = Coefficient of friction for soil on soil

$R_1$  = Resultant soil force in front of shear key

$\mu_2$  = Coefficient of friction for concrete on soil

$R_2$  = Resultant soil force on the shear key plus behind the shear key

## FACTOR OF SAFETY AGAINST SLIDING FOR SPREAD FOOTING

Figure 68-3A