

FIND THE SEISMIC OVERTURNING
MOMENT AND BASE SHEAR GIVEN
SEISMIC FORCE AT EACH LEVEL

$$\begin{aligned} OTM &= 20K(80ft) + 14K(60ft) \\ &\quad + 10K(40ft) + 8K(20ft) \\ &= 3000K \cdot ft \leftarrow \end{aligned}$$

$$\begin{aligned} V_{BASE} &= 20K + 14K + 10K + 8K \\ &= 52K \leftarrow \end{aligned}$$

