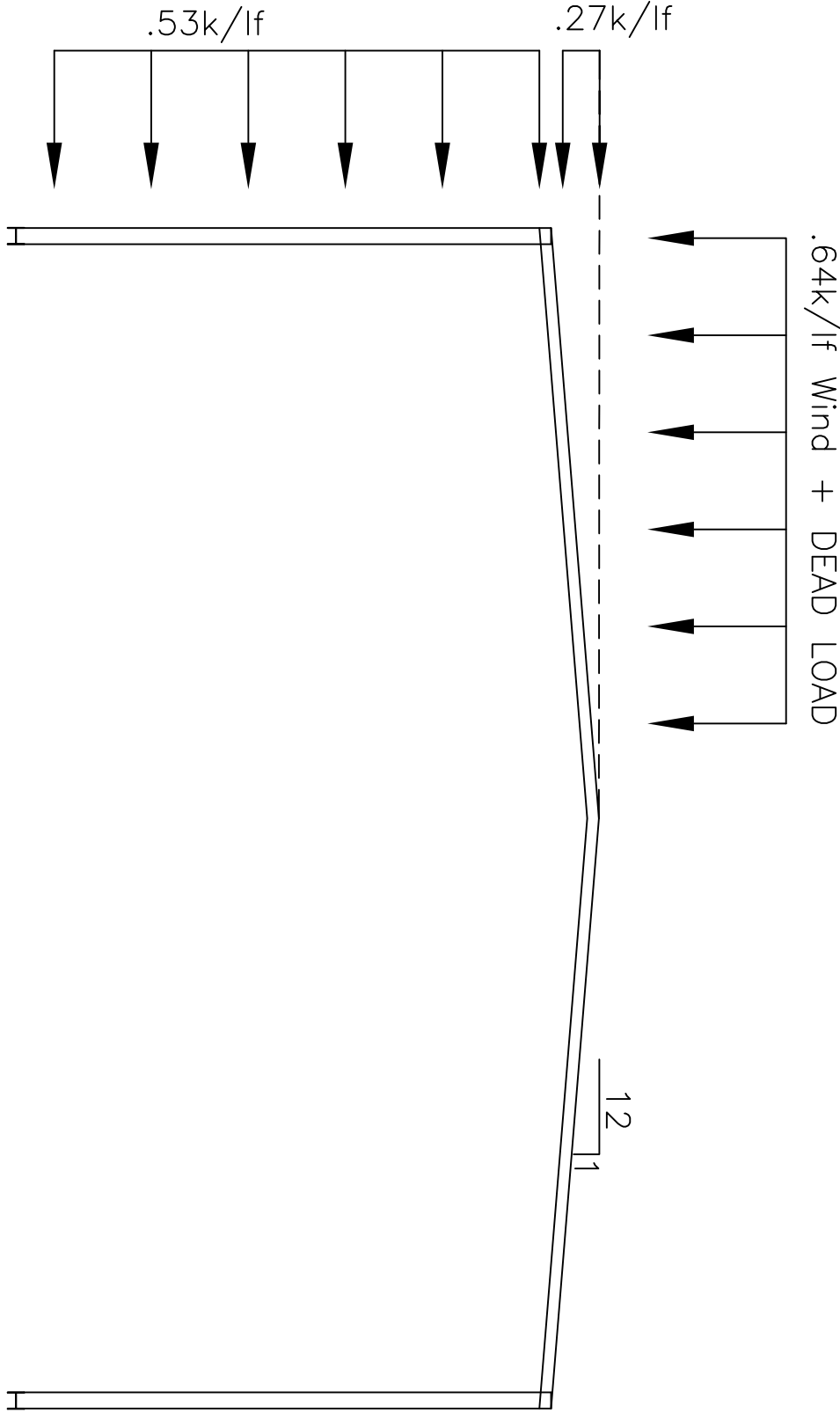


$$\begin{aligned}
 & a = 10\% \text{ OF } L \\
 & 43.8\#/\text{ft}^2 \times 10\text{ft} = 438\#/\text{lf} \\
 + & 29.1\#/\text{ft}^2 \times 3.2\text{ft} = 93.1\#/\text{lf} \\
 & \quad \quad \quad 531.1\#/\text{lf} \\
 & \quad \quad \quad .53\text{k}/\text{lf}
 \end{aligned}$$



WIND HORIZONTAL COMPONENT = $22.7\#/\text{ft}^2 \times 10.0\text{ft} = 227.0\#/\text{lf}$
 WIND HORIZONTAL COMPONENT = $13.5\#/\text{ft}^2 \times 3.2\text{ft} = 43.2\#/\text{lf}$
 TOTAL = $270\#/\text{lf}$
 WIND VERTICAL COMPONENT = $52.6\#/\text{ft}^2 \times 10.0\text{ft} = 526\#/\text{lf}$
 WIND VERTICAL COMPONENT = $36.6\#/\text{ft}^2 \times 3.2\text{ft} = 117.1\#/\text{lf}$
 TOTAL = $643.1\#/\text{lf}$
 .64k/lf Wind + DEAD LOAD

RIGID FRAME LINE 1 & 5
 SCALE: $1/8" = 1'-0"$