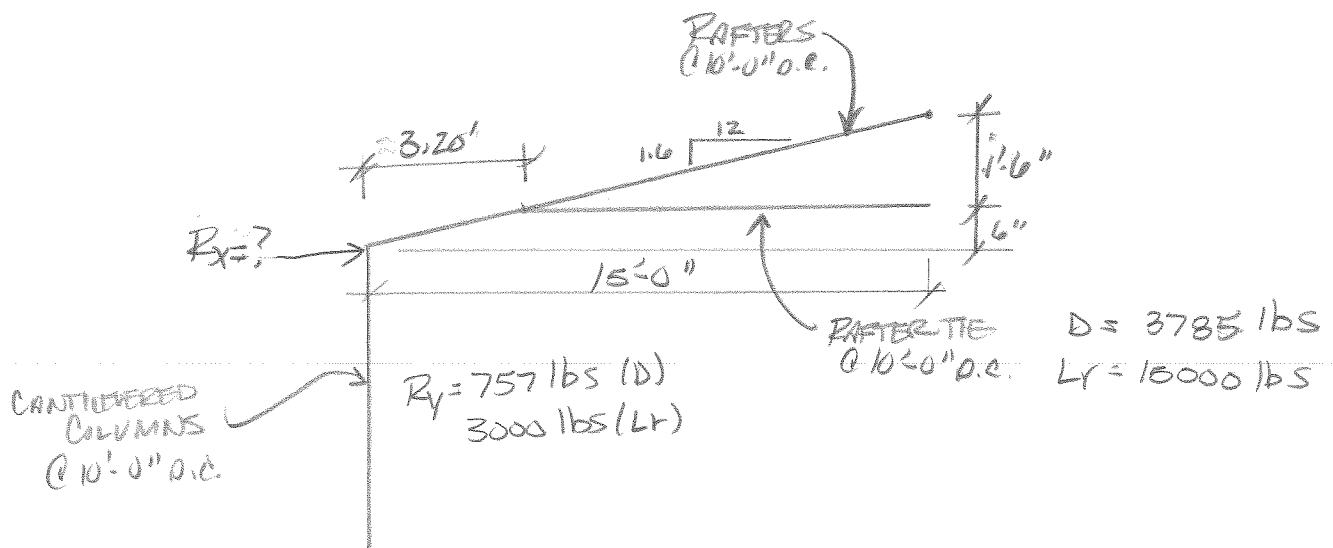


DL = 5 psf (5.04 ADJUSTED FOR SLOPE)
 Lr = 20 psf



RAFTER TIE FORCE @ RIDGE

$$D = \frac{757(15)}{1.5} = 7570 / 2 \text{ CONNECTIONS} = 3785 \text{ lbs}$$

$$Lr = \frac{3000(15)}{1.5} = 30,000 / 2 = 15000 \text{ lbs}$$

$$R_x D = \frac{757(3.2)}{0.5} = 4845 \text{ lbs / COLUMN} = 2423 \text{ lbs}$$

$$R_x Lr = \frac{3000(3.2)}{0.5} = 19200 \text{ lbs / 2 WLS.} = 9600 \text{ lbs}$$