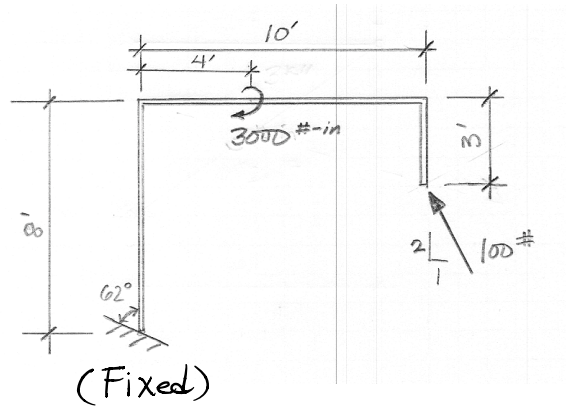


For the structure shown below:

- Draw the complete FBD
- Solve for the unknown reaction forces
- Do an independent statics check on your answer



SOLUTION: #UPD: 16

$$3000 \text{ #-in} \times \frac{1 \text{ ft}}{12 \text{ in}} = 250 \text{ lb-ft}$$

GEOMETRY:  $1^2 + 2^2 = L^2$   
 $5 = L^2 \Rightarrow L = \sqrt{5}$

