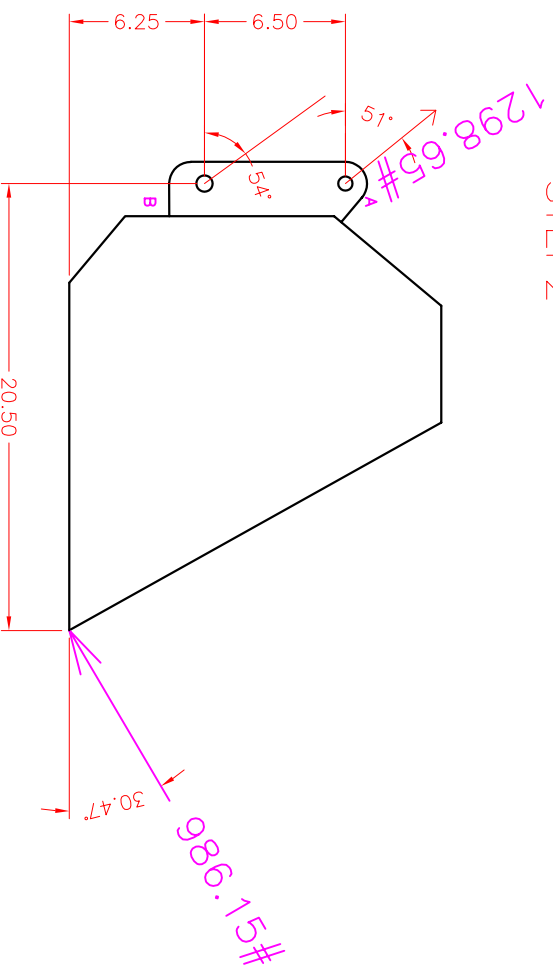


STEP2



$$FM_B^A = 0$$

$$+(986.15\# * \cos 30.47) * (6.25'') - (A \cos 51^\circ) * (6.50'') = 0$$

$$+(849.96\#) * (6.25'') - (A \cos 51^\circ) * (6.50'') = 0$$

$$+(5312.25\#) - (A \cos 51^\circ) * (6.50'') = 0$$

$$\frac{+(5312.25\#)}{(6.50'')} = \frac{(A \cos 51^\circ) * (6.50'')}{(6.50'')}$$

$$817.27\# = A \cos 51^\circ$$

$$817.27\# = A \cos 51^\circ$$

$$\frac{817.27\#}{\cos 51^\circ} = \frac{A \cos 51^\circ}{\cos 51^\circ}$$

$$\cos 51^\circ = \frac{\cos 51^\circ}{\cos 51^\circ}$$

$$-1298.65\# = A$$