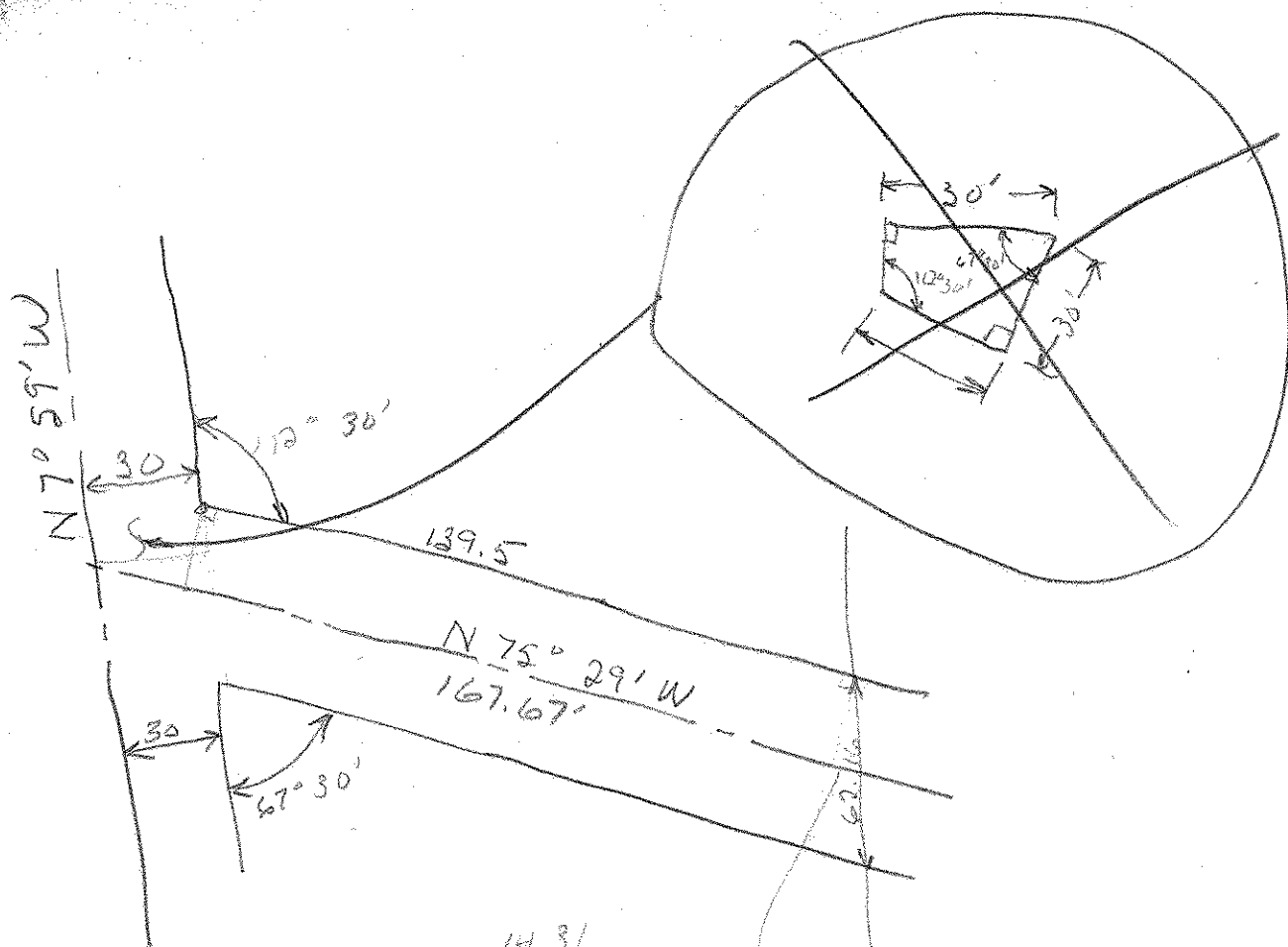
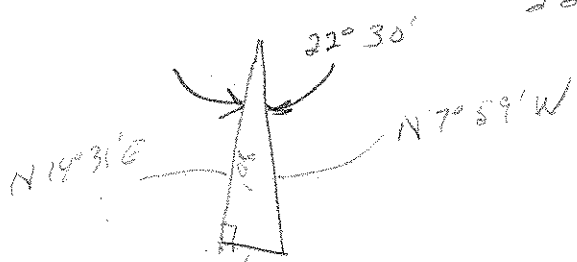


5



$$\begin{array}{r} 1431 \\ 759 \\ \hline 2230 \end{array}$$



$$\begin{aligned} x &= 30 \tan 22^\circ 30' \\ &= 30 (.41421) \\ &= 12.43' \end{aligned}$$



$$\begin{aligned} x &= 30 (\tan 15^\circ 10') = 30 (.27107) \\ &= 8.13 \end{aligned}$$

$$\begin{array}{r} 20.04 \\ 139.5 \\ 8.13 \\ \hline 167.67 \end{array}$$



$$\frac{30}{\cos 22^\circ 30'} = \frac{30}{.92388} = 32.47'$$

$$32.47 - 12.43 = 20.04'$$

SML