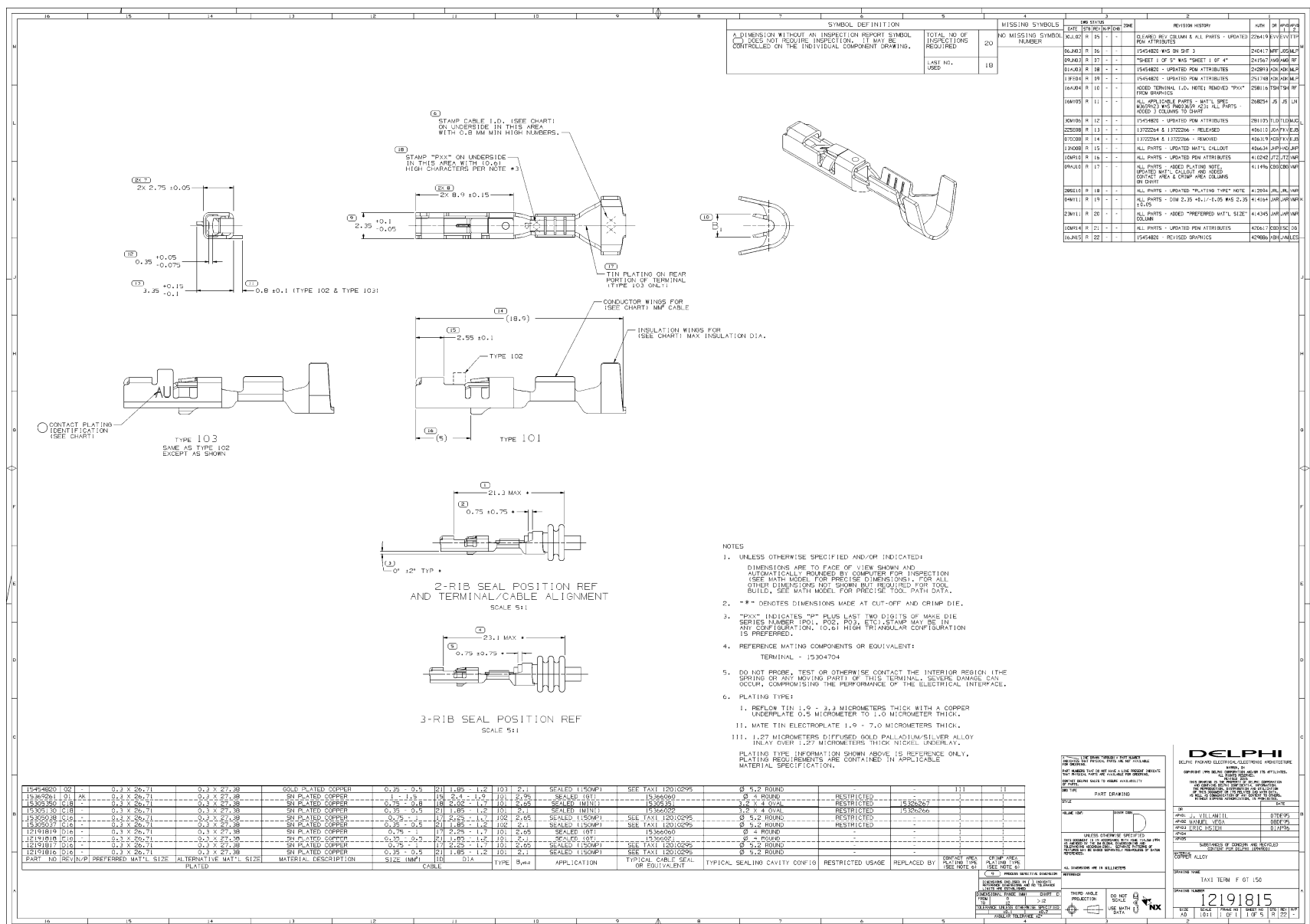



$$\frac{\partial \ln L}{\partial \theta} = \sum_{i=1}^n \left(\frac{y_i - \mu_i}{\sigma_i^2} \right) \frac{\partial \mu_i}{\partial \theta}$$