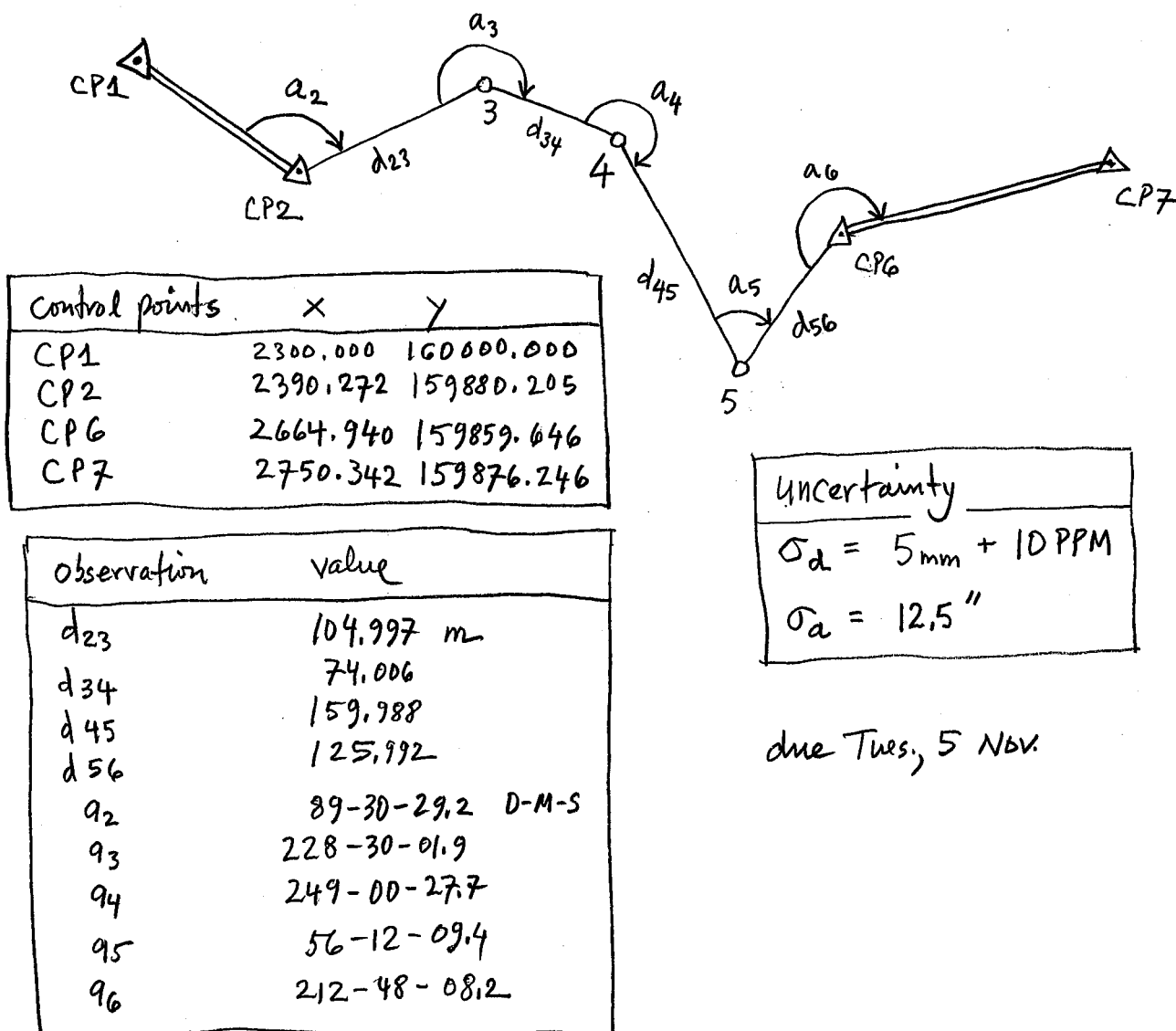


Below is a sketch of a typical survey network known as a traverse. Control points are fixed. Observations are given for angles as Deg-Min-Sec. and for distances in meters. Make adjustment using Indirect Observations. Make Global test following adjustment. * Make 90% confidence intervals for X_3 and Y_3 .

Make 90% confidence ellipses for (X_3, Y_3) , (X_4, Y_4) , and (X_5, Y_5) and show (exaggerated) on a plot of the network. Is the network minimally constrained? (* $\alpha = .05$, 2-sided)



due Tues, 5 Nov.