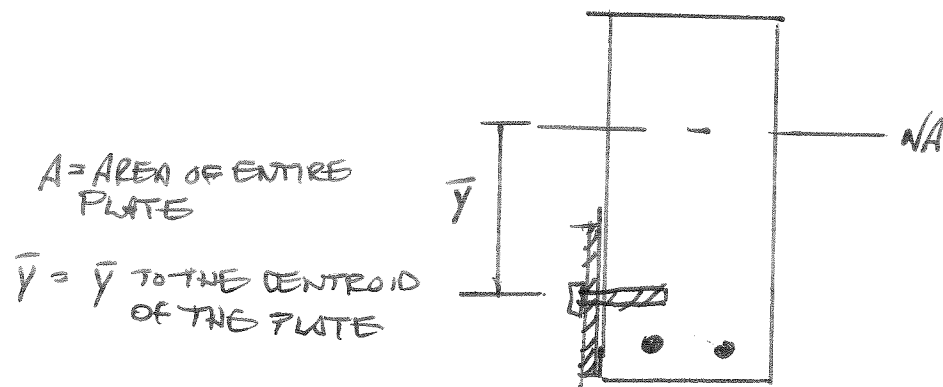
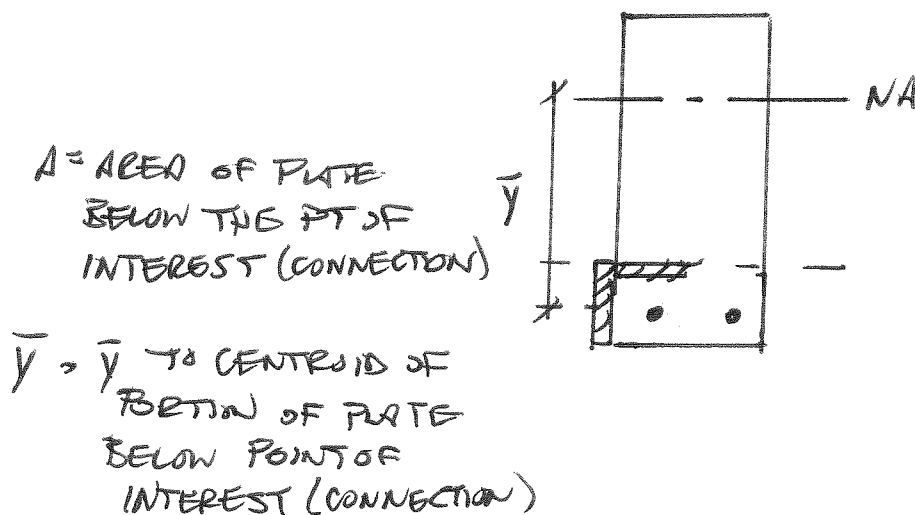


OPTION 1 - PREVIOUSLY USED AND THE QUESTIONED



PROBLEM: REGARDLESS OF WHERE BOLTS ARE INSTALLED, \bar{y} AND AREA REMAIN THE SAME. LOCATION OF BOLTS IN THE PLATE WILL NOT CHANGE THE CONNECTION FORCE. HOWEVER, SEEMS TO MAKE MORE SENSE BECAUSE WE ARE TRYING TO GET OUR FORCE ~~INTO~~ INTO THE ENTIRE PLATE

OPTION 2 - NOT USED BUT CONFORMS MORE WITH SHEAR FLOW CALCULATIONS.



PROBLEM: CONFORMS TO WHAT ~~WE~~ I AM USED TO SEEING W/ SHEAR FLOW CALCULATIONS. THE LOWER THE BOLTS ARE LOCATED IN THE PLATE, THE LOWER THE CONNECTION FORCE. HOWEVER, I DON'T REALLY THINK IT MEANS ANYTHING USING NA OF ~~THE~~ PLATE. WE NEED THE FULL PLATE ~~BE~~ TO BE PARTICIPATING.