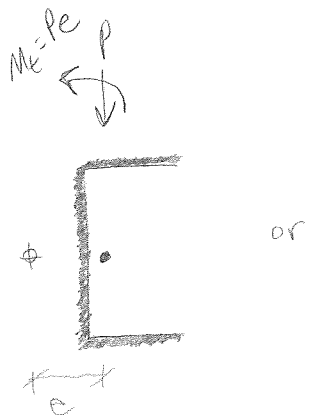
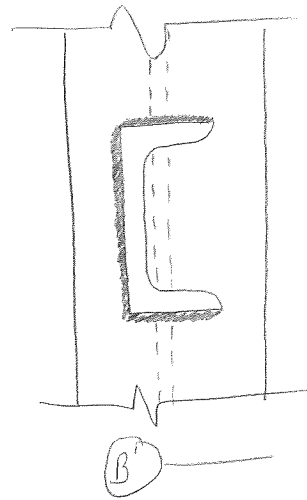
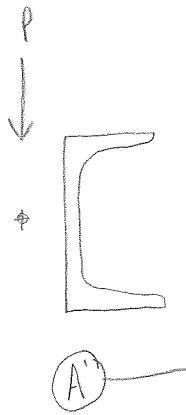
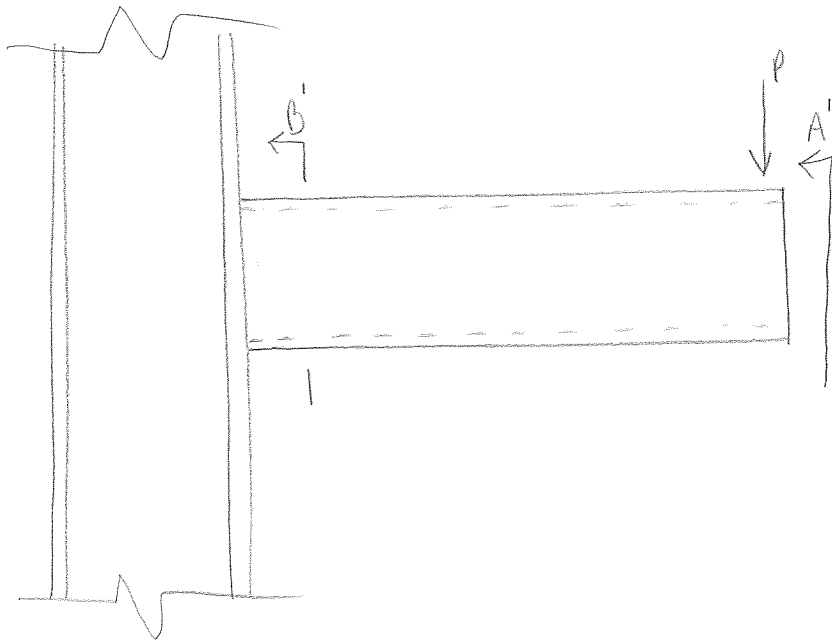


Case 1
 P @ centroid of channel



case 2

P @ shear center of channel