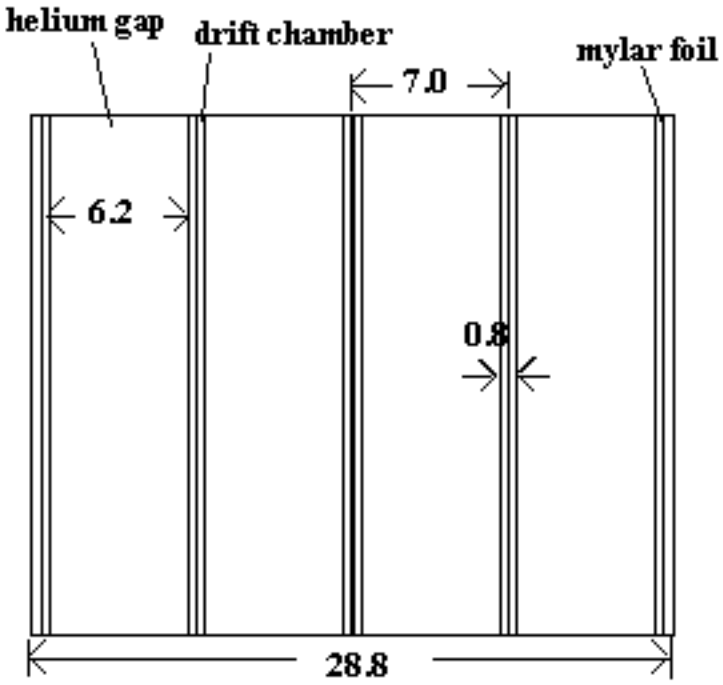

Figure 3: the proposed muon detector, to be placed in front of the original detector. Each of the five drift chambers consists of two planes; each plane consists of DME cells. This detector is designed primarily for the purpose of helix fitting to muon tracks; however, it can also be used to identify muons. The energy lost by positrons, muons, and pions as they passed through the DME cells of this detector was recorded. All dimensions are given in centimeters.