



Figure 4.14: To-scale drawing of the  $\pi$ E5 zone and the PiHe experiment. The negative pions at 85 MeV/c momenta entered the zone at the right side of the image. The spin rotator and the concrete shielding was modified to accommodate our setup, and new power outlets were provided by PSI. A new compact quadrupole doublet from CERN provided the final focus, and a motorized slit afterwards was cutting away the electron beam.