

ABSTRACT

The present application relates to the technical field of foundations, and relates in particular to a pile end bottom grouting apparatus, a cast-in-place pile and a construction method therefor, aimed at solving the defect in the prior art that grouting cavity rupture timing and condition control is difficult. The pile end bottom grouting apparatus comprises a fixing plate; a grout storage bag, fixed on the fixing plate, wherein the grout storage bag forms an accommodating cavity suitable for accommodating grout, or the grout storage bag and the fixing plate define an accommodating cavity suitable for accommodating grout. The grout storage bag has a filled state in which the inside is filled with grout to bear a pile body, and a collapsed state in which the inside is hollow. The grout storage bag is preset with a fixed limit pressure-bearing strength value, and is fixed in volume in the filled state.

FIG. 1