

ABSTRACT

CONSTRUCTION METHOD FOR HEAVY LOAD BEARING PIPE CURTAIN

The present invention relates to the technical field of building construction, and discloses a construction method for heavy load bearing pipe curtain, including the steps as follows: (1) site measurement; (2) construction preparation: moving the machine used in the construction process to the construction site and fixing in place; (3) steel pipe jacking: jacking a steel pipe using an automatic return slurry balance pipe jacking machine; (4) steel pipe fixing: placing and fixing another steel pipe at the rear end of the pipe that is jacked in in step (3); (5) re-jacking: re-jacking the pipe of step (4) using the pipe jacking machine; (6) repeating steps (4) and (5) to finish the jacking of a complete pipe curtain; (7) moving the pipe jacking machine to the next position, and repeating steps (3)-(6); (8) repeating step (7) until all pipe curtains are jacked in; (9) filling by grouting.

Figure 2