

ABSTRACT

Waterproof curtains (200) at ends of an underwater channel foundation pit (110) along water banks, comprising first highpressure jet grout piles (210) and second high-pressure jet grout piles (220) which are horizontally connected to each other and are provided below bottom plates (111) at ends (160) of the underwater channel foundation pit (110) along water banks, and third high-pressure jet grout piles (230) which are located above the bottom plates (111) of the underwater channel foundation pit (110) and are vertically connected to the first high-pressure jet grout piles (210); and the second high-pressure jet grout piles (220), the third high-pressure jet grout piles (230) and the first high-pressure jet grout piles (210) under the third high-pressure jet grout piles (230) are located on the inner side of foundation pit retaining piles at the ends (160) of the underwater channel foundation pit (110) along the water banks. The waterproof curtains (200) have a good waterproof effect, and can eliminate or reduce the leakage of the underwater channel foundation pit (110).