

Abstract of the Disclosure

A method of constructing a pile structure and an apparatus thereof, the method includes the following steps: making a geological survey in ground to obtain the initial size of the pile shaft and the initial size and position of the protrusions on the side wall of pile, making a hole of pile shaft, making a measurement to the side wall of the hole by the means for forming a hole of the protrusions to decide the actual size and position of the protrusions, making a hole of the protrusions by pressing the ground with the means, the hole of the pile shaft and the holes of the protrusions are injected with concrete to form a concrete pile, making the other piles by the above steps to form pile structure. According to the method, knowing a geological information at the position of each pile simultaneously with executing the construction, so that the actual bearing capability/deformation is obtained at once, and ununiformal settlement of a building is avoided.