

FUNCTIONAL AND STRUCTURAL DESIGN OF SWIMMING POOL

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ABSTRACT

The title of this report is Functional Design of Swimming Pool. It divided into two parts. Part one and two is the structural design of the swimming pool and part three is the functional of the swimming pool.

The swimming pool is reinforced with steel rods to withstand the pressure of soil and underground water. The joint of the slab and the wall is design as watertight structures.

Circulation, filtration and chemistry are three concepts for the functional of a swimming pool system. Proper water chemistry, filtration and good circulation go hand in hand produce clean and clean water.