

DESIGN OF A MINI 3-START SEASIDE RESORT

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ABSTRACT

As my title stated my project is design a mini seaside resort which have a 3 star rating for my services and facility. My mini seaside resort will consist of 10 unit of room, a lobby, a dining hall and parking lots which able to park more than 40 cars. I will design totally 118 beams, 112 columns and 56 footings.

Besides doing the designing the beams, columns and footings my project also need to make sure that whatever I plan and design it should only bring minimize impact onto the environment and therefore I need to carefully consider the materials I used in the construction. The durability of my structure is under my considering list to ensure my structure able to serve the public with green technology and at the same time the durability of the structure is not affected.

The first green technology design of my rest will include a rain harvesting system which it is not harvest from the roof but it harvest from the drainage system. Secondly is the indoor water fall which act as a natural ventilation system in my lobby therefore my lobby does not consists any air conditioning system.