

# The 'Drum' House at Lakeshore View, Sentosa Cove

This house, with the site area of 729.8 sq m and gross floor area of 709.2sq m, was completed in May 2009. It is conceived to embrace its site context and celebrate tropicality, without compromising on comfort and convenience. Spaces are kept open and bright to maximize



cross ventilation and to invite vistas. All bedrooms have sea view especially the master bedroom that commands the most prominent location with a almost 360 degrees view.

## Sustainable Features

The house employs passive building strategies and uses recycled old materials to reduce the overall energy consumption. Floors and decks are made of recycled timber flooring called timber sleepers. A breezeway is constructed in the middle of the house to channelize air to improve air circulation and minimize the need for mechanical ventilation. The pond and garden at the roof terrace helps in insulation of the spaces on the lower levels, hence lowering the overall heat gain. Timber cladding at the drum also helps to insulate the concrete walls.

The pool is located along the whole length of the house which helps to create a pleasant microclimate around the house. The deep central open courtyard brings much light and air to the semi-basement level below. *RNF*

## PROJECT CREDITS:

Client: *Dr Lau Chee Chong*

Architect: *Aamer Architects*

Civil Engineer: *JSTan Civil Engineers*

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