

## 12 Rene Road, Dalkeith

### Overview

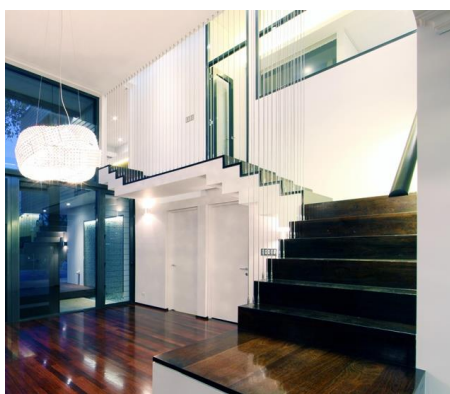
This rear extension to an existing home at 12 Rene Road in Dalkeith created a modern addition to the house for a growing family. The roof and the master bedroom float over the living room and garden with an effortless ease.

The project was featured in the **Sunday Times** supplement in November 2012 to showcase the trends of young designers.

### Key Structural Design Features

Impossibly thin stainless steel columns support the weight of the roof while its stability is provided through a fold down of the roof's primary structure meeting a strong band of steel at the façade's waist and tying the whole frame in to masonry piers strengthened by reinforcement.

A mixture of steel, timber, concrete and masonry was used in the design to achieve all the structural gymnastics that the final design employed.



**Client:** Vijayasekaran and Thalayasingham

**Architect:** Matt Klopper Architect

**Contractor:** Firm Construction

**Construction Cost:** \$1.2m

**Completion:** May 2012