

The Singapore Architect

Small

NEWS

B+H and SAA join Surbana Jurong, Kerry Hill—Obituary

INSIGHT

Representational Form, Pavilions, Self-Built

FOLIO

12 Articulations of Smallness

STUDIO

GENOME Architects
Lekker Architects

FEATURE

Pulau Ubin, Lightness, Cornwall, Lyf

HERITAGE

Pioneer Architects' Houses



09



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Orchid Pavilion

by Tierra Design

The Orchid Pavilion stands in the grounds of the Shangri-La. Commissioned to commemorate the hotel's 45th anniversary and Singapore's 50th birthday, it celebrates Singapore's tropical orchids housing over 600 plants and epiphytes. The structure of the Pavilion is constructed from glue laminated Larch timber and reinforced by galvanised steel rings.

The curved timber ribs are constructed at an angle from the vertical axis to impart the feeling of movement. Fixed by internal steel rings set 1 metre apart, diagonal tension cables restrain the timber structure that is in compression, to stabilise the entire structure and distribute its forces into the foundations.