

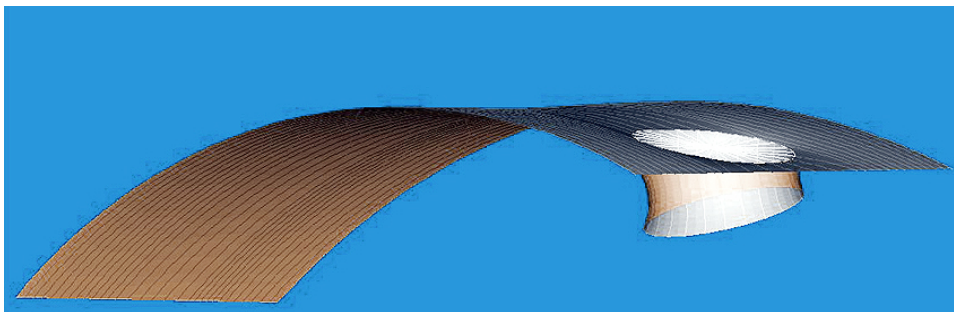
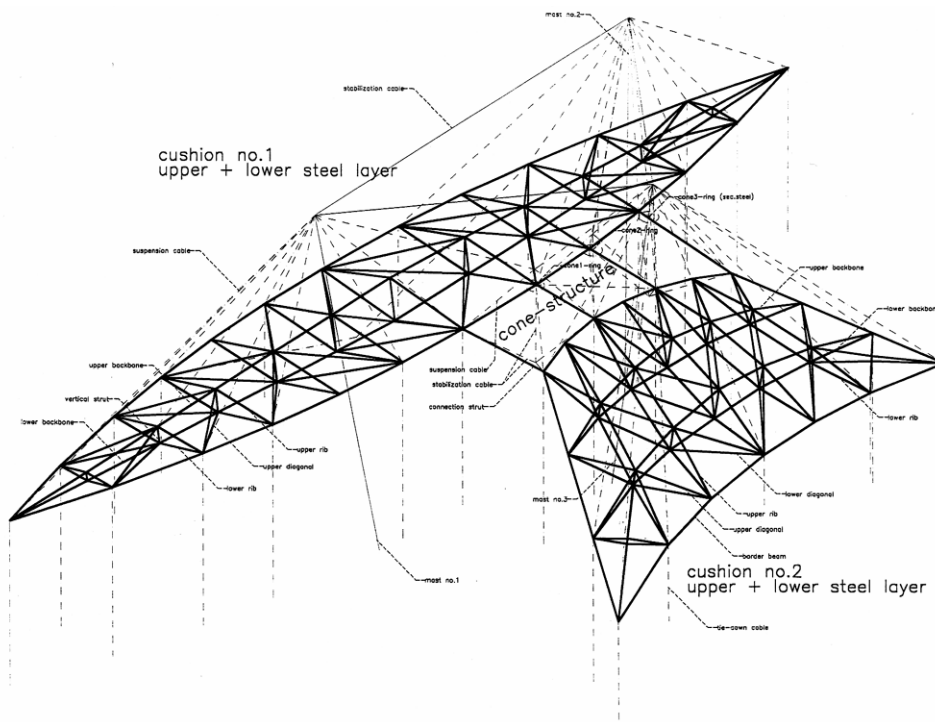
**Guthrie Pavilion
Kuala Lumpur
(Malaysia) 1998**

Butterfly shaped shading
roof.

Self-stabilizing structure
made of two inner steel
trusses (wings) and vertical
hanger cables to the
ground as well as
diagonal suspensions
cables to the mast tops of
the three conic lattice
masts.

The wings are air
supported cushions, the
body is a mechanical
tensioned cone structure.

The lattice masts penetrate
the air cushions. Here the
upper and lower membrane
is connected by bellows so
that the supporting air does
not leak.



Size: 2700 m²

Architect: Hamzah + Yeang

Shading roof:
Design, structural design,
workshop design
IPL GmbH

Steel manufacturer:
Sediabena
Membrane Manufacturer:
Flontex

Cushion membrane:
Fluoric foil laminated glass
fabric with 6500/5000
N/5cm in warp/weft

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