

**ADAS®
SPACEFRAME**



ADAS® Spaceframe is a patented structural system that provides an aesthetically pleasing, cost-effective, and lightweight solution to large span structures. Our own proprietary engineering design software, combined with our modern manufacturing facility enables us to undertake spaceframe structures of any form and magnitude.

With over 30 years of design and build experience, our team is able to offer a full range of services from concept design, detail design, load analysis, and contract document preparation to project management, contract supervision and control, thereby ensuring that our clients receive the best possible service.



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- Design and build Archi-Engineering firm.
- 35 years experience with more than 650 projects.
- Lightweight long span structure specialist.
- Low risk with tested & proven design details.
- High level of Prefabrication:
 - Fast Erection on Site
 - Precise Fabrication
 - Good Quality Control
- Wide variety of durable, low maintenance cladding materials.



Changi Airport Cargo Megaplex

CLIENT
Civil Aviation Authority Singapore

SCOPE OF WORK
Design and build of spaceframe roof

AREA
18,000 m²

MATERIAL INSTALLED
Mild steel spaceframe

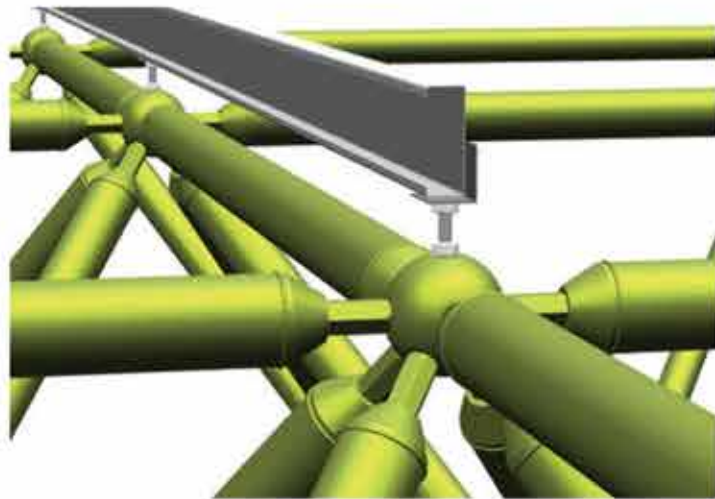
LOCATION
Singapore

CONSTRUCTION YEAR
2000

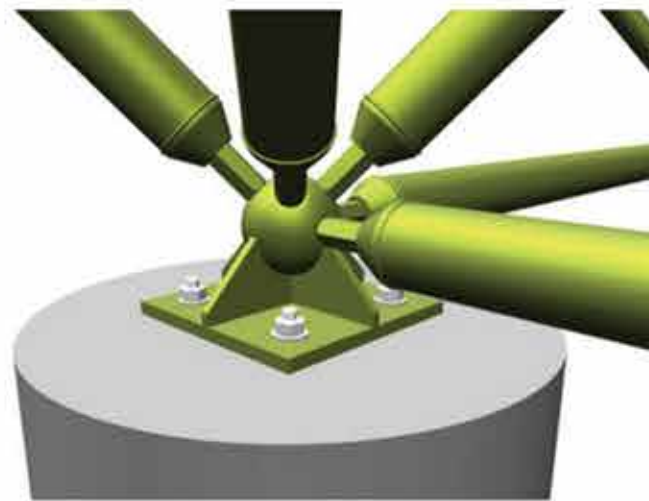
APPLICATIONS

ADAS® Spaceframe can be tailored to meet the needs of every project. With the capability to construct structures of various geometry, a building can be transformed to maximise its potential through the incredible structural efficiency of our large span spaceframe technology.

ADAS® Spaceframe purlin detail



ADAS® Spaceframe support detail



Blue Green Diamonds, USA

SCOPE OF WORK
Design and engineering of rooftop pyramids

AREA
800 m²

MATERIAL INSTALLED
Mild steel spaceframe

CONSTRUCTION YEAR
2000



Bangunan Gunasama, Malaysia

SCOPE OF WORK
Design and build of spaceframe domes

AREA
36,000 m²

MATERIAL INSTALLED
Mild steel spaceframe

CONSTRUCTION YEAR
2007



ADAS® Spaceframe is extremely suitable for commercial and industrial purposes, swimming pools, sports stadiums, assembly areas, mosques, exhibition halls, showrooms, and more.



Grand Ocean Residence, Taiwan

SCOPE OF WORK
Design and supply of rooftop pavilion

AREA
1,500 m²

MATERIAL INSTALLED
Mild steel spaceframe

CONSTRUCTION YEAR
2010