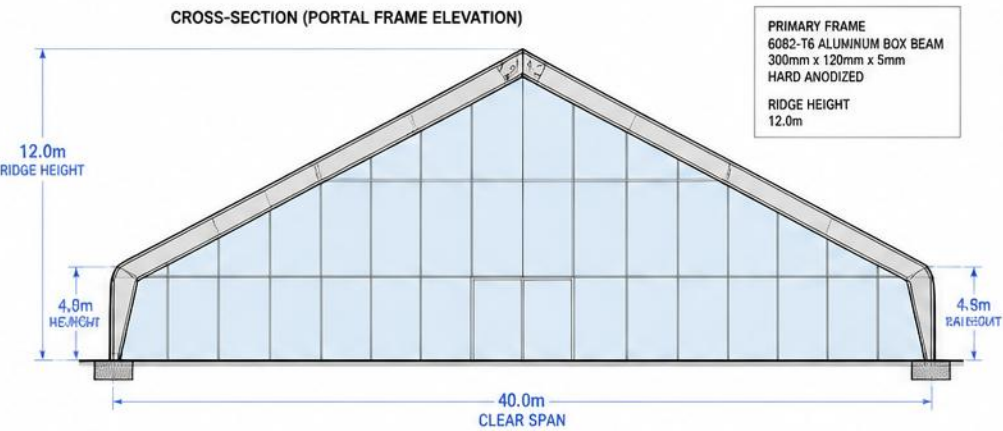
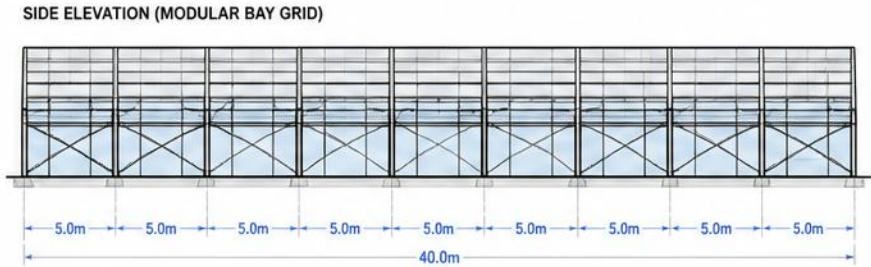
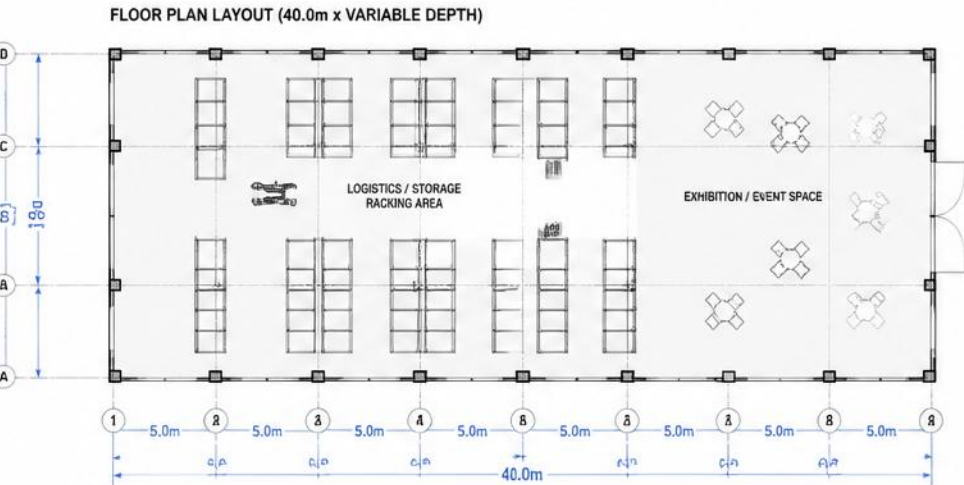
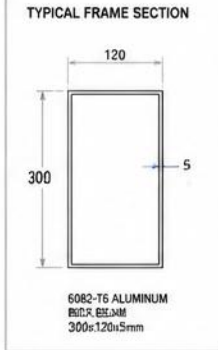
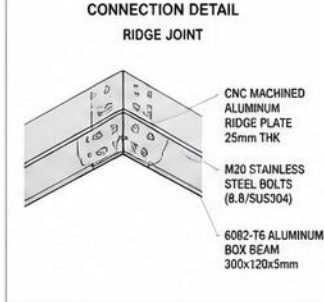
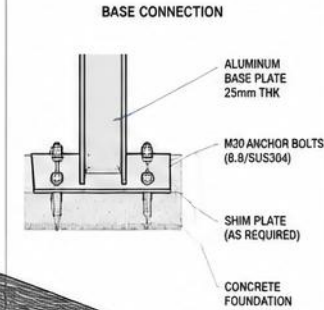
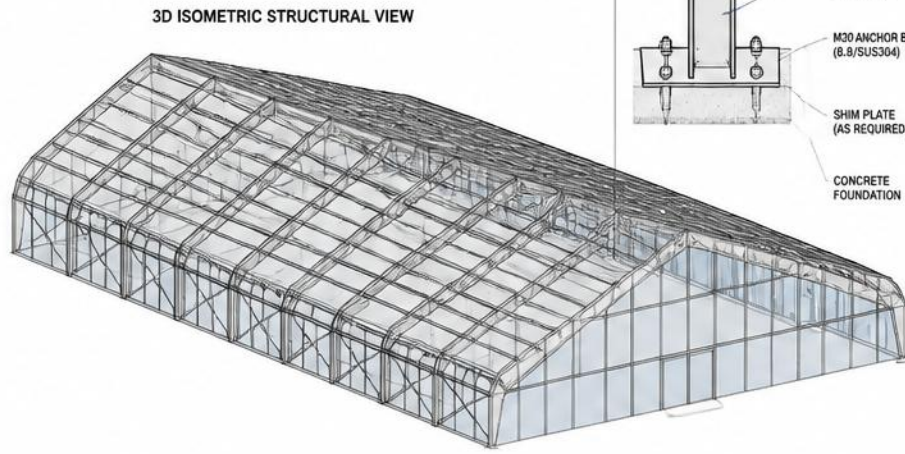


40.0m MODULAR CLEAR-SPAN ALUMINUM A-FRAME BUILDING

6082-T6 EXTRUDED ALUMINUM PORTAL FRAME SYSTEM



- SPECIFICATIONS
- CLEAR SPAN: 40.0m
 - RIDGE HEIGHT: 12.0m
 - EAVE HEIGHT: 4.5m
 - BAY SPACING: 5.0m (MODULAR)
 - PRIMARY FRAME: 6082-T6 ALUMINUM BOX BEAM 300x120x5mm
 - FINISH: HARD ANODIZED
 - ROOF PITCH: 18°
 - WIND LOAD: 0.75 kN/m² (ULT)
 - SNOW LOAD: 0.50 kN/m² (ULT)
 - CODE: EN 1999 / AS/NZS 1664



MATERIAL PROPERTIES (6082-T6)

YIELD STRENGTH (fy)	260 MPa
TENSILE STRENGTH (fu)	310 MPa
MODULUS OF ELASTICITY (E)	69 GPa
DENSITY	2700 kg/m³

- GENERAL NOTES
1. ALL ALUMINUM MEMBERS: 6082-T6, HARD ANODIZED (25µm MIN)
 2. ALL WELDS TO BE PERFORMED BY QUALIFIED WELDERS
 3. ALL BOLTS: STAINLESS STEEL 8.8 / SUS304
 4. TOLERANCES: ±2mm UNLESS NOTED
 5. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED

- LEGEND
- = ALUMINUM COLUMN
 - = PRIMARY FRAME (ROOF)
 - - - = SECONDARY PURLIN
 - ⊗ = CROSS BRACING