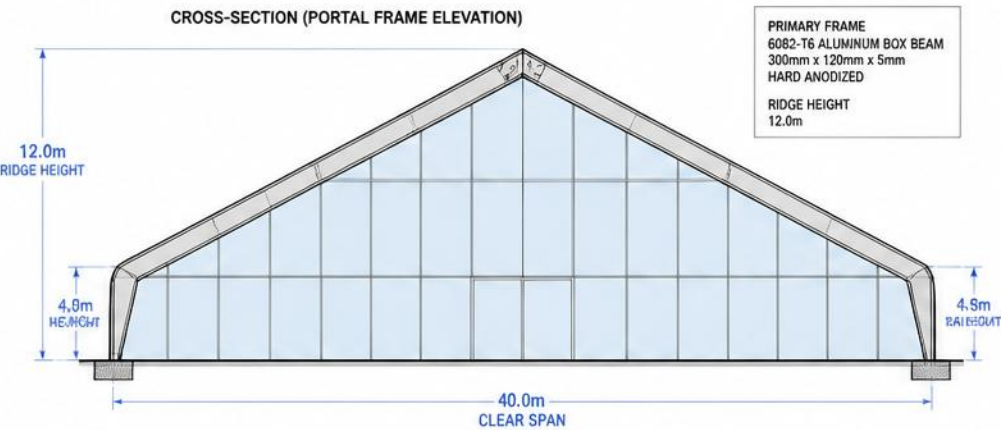
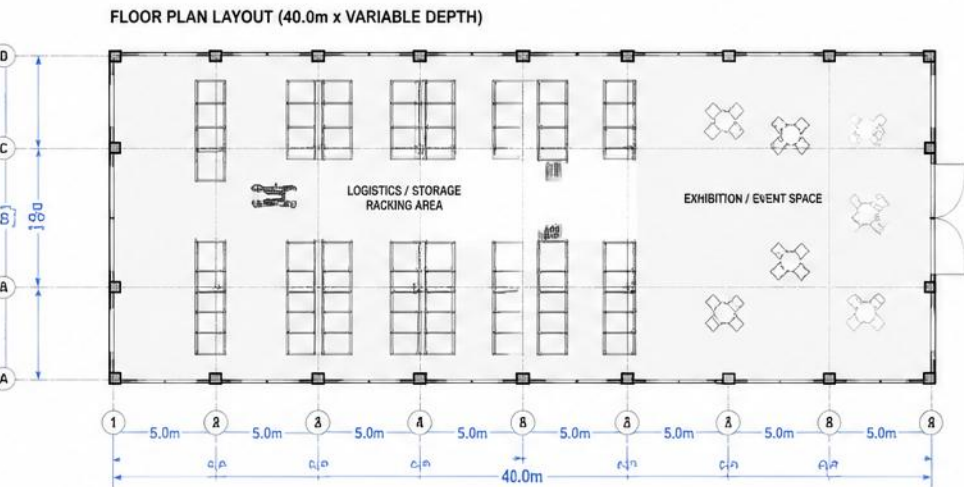


40.0m MODULAR CLEAR-SPAN ALUMINUM A-FRAME BUILDING

6082-T6 EXTRUDED ALUMINUM PORTAL FRAME SYSTEM



MATERIAL PROPERTIES (6082-T6)	
YIELD STRENGTH (f_y)	260 MPa
TENSILE STRENGTH (f_u)	310 MPa
MODULUS OF ELASTICITY (E)	69 GPa
DENSITY	2700 kg/m ³

- 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

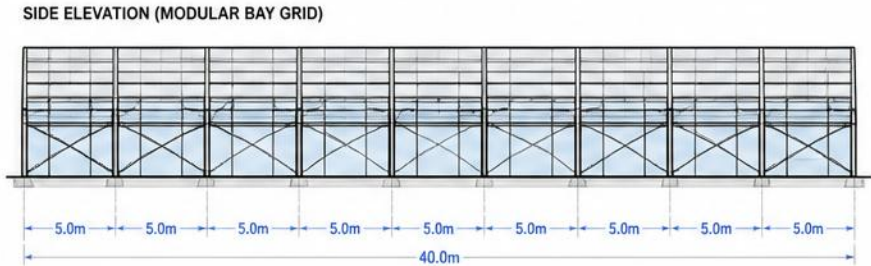
5. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED

- LEGEND
- = ALUMINUM COLUMN

— = PRIMARY FRAME (ROOF)

- - - = SECONDARY PURLIN

⊗ = CROSS BRACING



- 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

