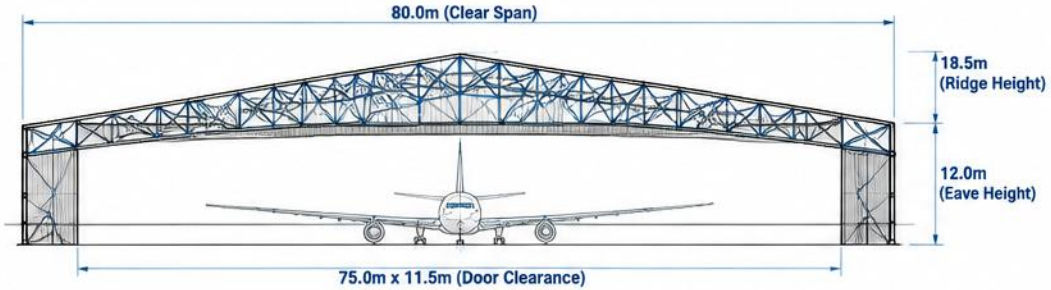
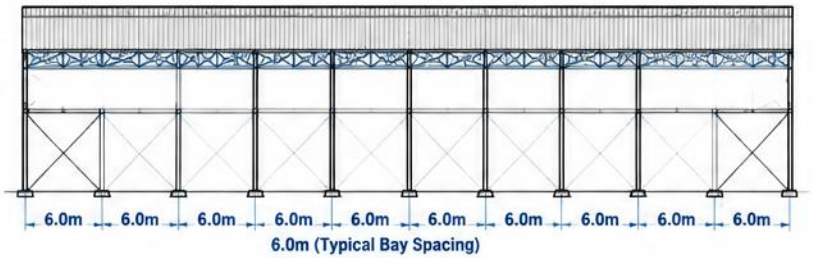
SPANBEST | AVIATION & AIRCRAFT HANGARS

PRELIMINARY PRODUCT-SELECTION DRAWING | FINAL DIMENSIONS: TBD AFTER SITE LOAD & GEOTECHNICAL REVIEW

SB-HNG-21M-REV02

SHEET SERIES / ONLINE PREVIE



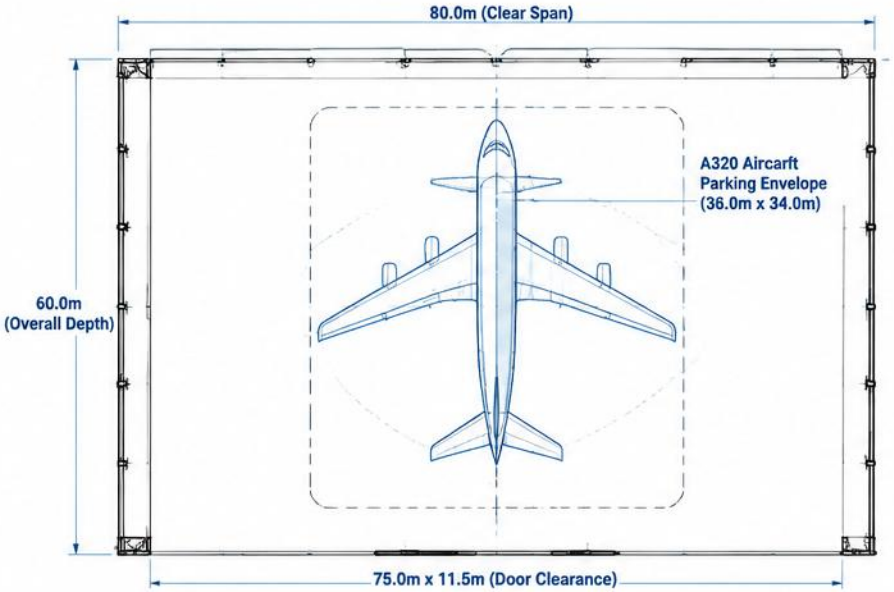


FRONT ELEVATION

SCALE 1:200

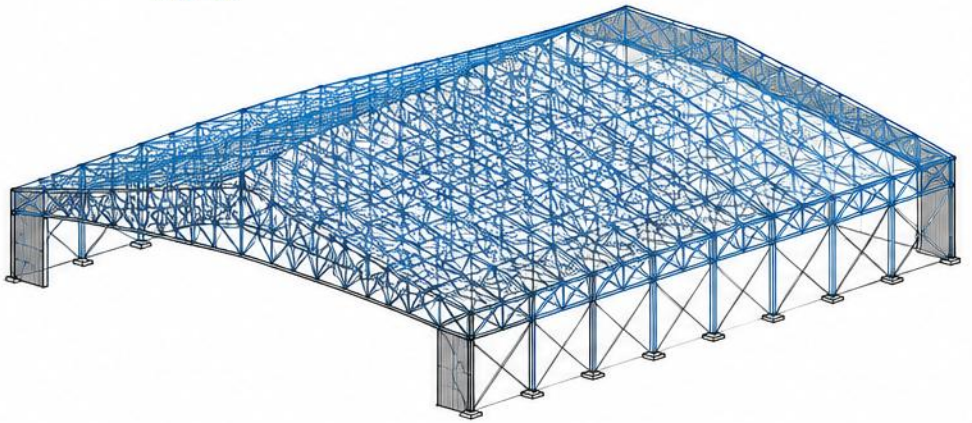
SIDE ELEVATION (STRUCTURAL BAYS)

SCALE 1:200



PLAN VIEW

SCALE 1:200

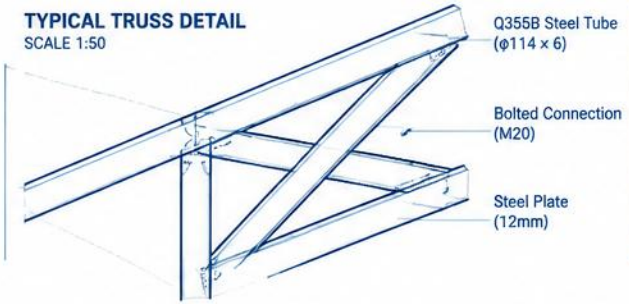


3D AXONOMETRIC VIEW (Q355B SPACE-TRUSS ROOF)

SCALE 1:200

TYPICAL TRUSS DETAIL

SCALE 1:50



FOUNDATION REACTION POINTS (TYPICAL)			
Location	Vertical Reaction (kN)	Horizontal Reaction (kN)	Moment (kN-m)
Corner Column	5200	420	1800
Side Column	4800	380	1600
Interior Column	4600	350	1400

KEY MATERIALS & SPECIFICATIONS	
Main Structure	: Q355B Steel
Roof System	: Space Truss
Roof Panels	: 0.6mm Color Steel Sheet
Wall Panels	: 0.5mm Sandwich Panel
Design Standard	: GB 50017 / GB 50018
Wind Load	: 0.45 kN/m²
Seismic Grade	: 7

SCALE	1:200 / 1:50
UNITS	m
DATE	2025-06-27
DRAWING NO.	AH-080-001

80m CLEAR-SPAN AVIATION MAINTENANCE HANGAR

CONCEPT DRAWING ONLY — NOT FOR CONSTRUCTION. FINAL PE-STAMPED DRAWINGS REQUIRE CONFIRMED LOCATION, WIND/SNOW LOADS, SOIL REPORT AND PROJECT OPTIONS.

The drawing content above remains unobstructed; title metadata is placed in reserved margins outside the drawing viewport.