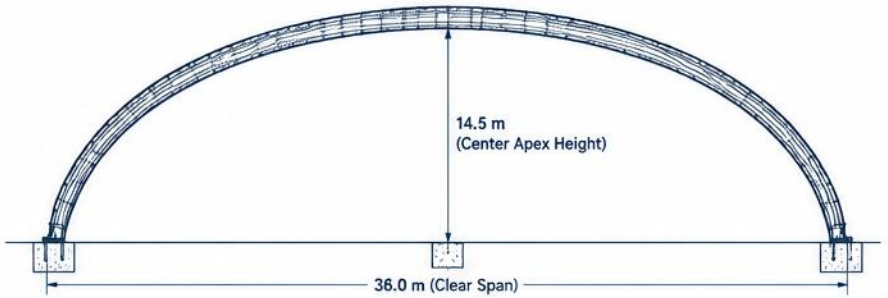
SPANBEST | FRAMELESS CORRUGATED STEEL ARCH BUILDINGS

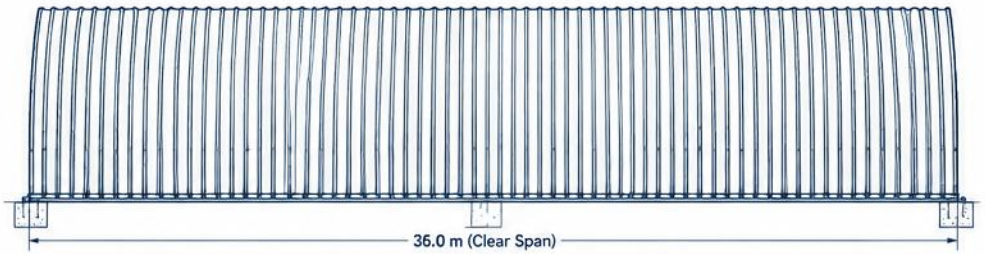
PRELIMINARY PRODUCT-SELECTION DRAWING | FINAL DIMENSIONS: TBD AFTER SITE LOAD & GEOTECHNICAL REVIEW

SB-FSA-30M-REV11

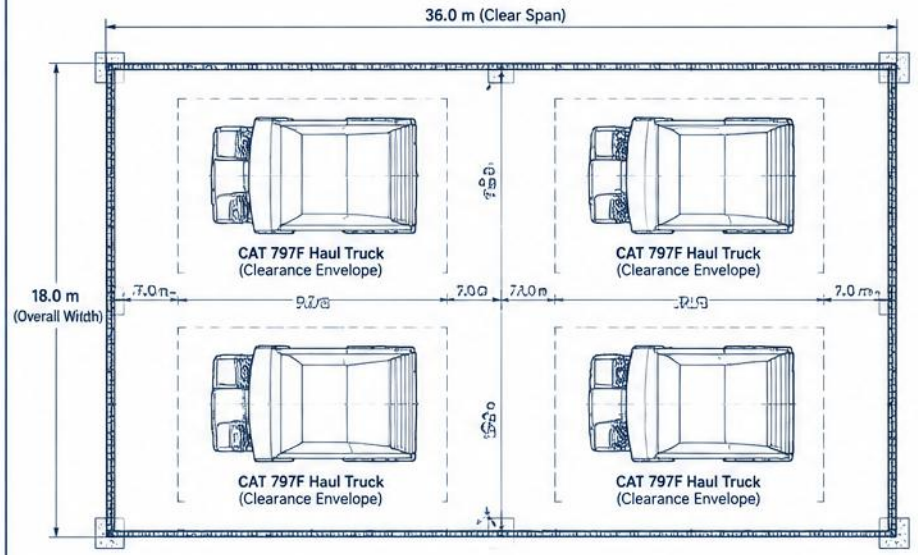
SHEET SERIES / ONLINE PREVIE



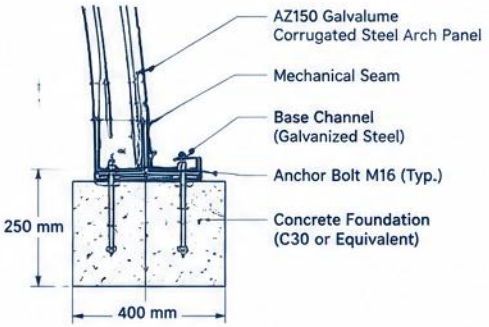
CROSS-SECTION ELEVATION
(No Interior Frames or Trusses)



SIDE ELEVATION
(Continuous Mechanical Seaming)

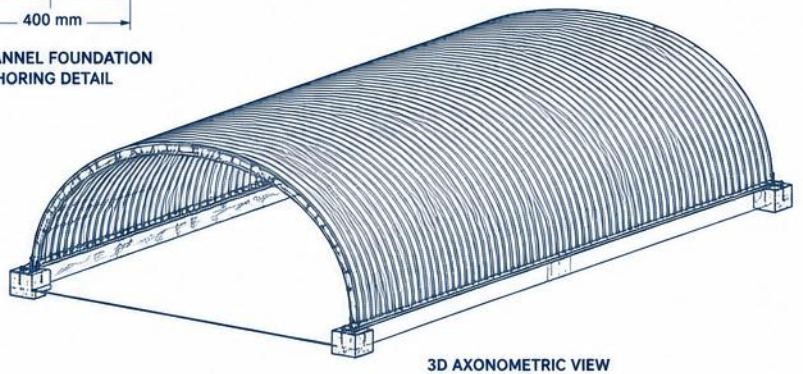


FLOOR PLAN
(Haul Truck Maintenance Stalls)



BASE CHANNEL FOUNDATION ANCHORING DETAIL

ARCH PROFILE (A-A)
(Deep Corrugation, AZ150 Galvalume)



3D AXONOMETRIC VIEW
(Wireframe)

KEY SPECIFICATIONS

Clear Span	36.0 m
Overall Width	18.0 m (typical)
Center Apex Height	14.5 m
Arch Profile	Deep Corrugation (AZ150 Galvalume)
Material Thickness	1.2 mm – 2.0 mm (typical)
Wind Load	Designed per IBC / ASCE 7 (site specific)
Snow Load	Designed per ASCE 7 (site specific)
Corrosion Protection	AZ150 Galvalume (min. 150 g/m²)

MATERIAL & CONSTRUCTION NOTES

1. All steel components shall be AZ150 Galvalume.
2. Panels shall be continuously mechanically seamed for watertightness.
3. No interior frames or trusses are required.
4. Foundation design shall be per geotechnical report.
5. All dimensions are in meters unless otherwise noted.
6. Drawing is for reference and shall be verified by a licensed structural engineer.

36m CLEAR-SPAN FRAMELESS CORRUGATED STEEL ARCH CANOPY FOR OPEN-PIT MINING HAUL TRUCK MAINTENANCE

DRAWING NO.	SCALE	DATE	REV.
CS-36-001	1:200	2025-06-27	A

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.