

TOTAL STEEL AUSTRALIA

McDowell Street | Welshpool | WA

PROJECT COST

\$8m

CLIENT

Calibre Constructions

ARCHITECT

Calibre Constructions

DISCIPLINE

Structural & Civil



Situated in Welshpool, WA, this massive warehouse and distribution centre is built on a 43,000 sqm site and occupies a footprint of over 12,000 sqm. The main warehouse stores Total Steel's inventory of steel products and as such, the structure (including gantry cranes) and foundations / floor slabs were designed to carry very heavy loads. The industrial grade floor slabs, internal and external, were also designed to withstand wear and tear from forklifts and load-in/out trucks. The roof structure was designed to maximise useable floor space, minimise obstacles and minimise steel cost. A 7m wide awning traverses the building's perimeter extending its useable area.

Structerre were responsible for the structural design of the warehouse, covered loading areas, canopied areas and a two-storey administration facility that was integral to the centre. Other than its large size, a feature of the facility is its exposed columns which add architectural relief to an industrial building.

 Residential  Geotechnical  Commercial & Infrastructure  Inspect & Investigate  Energy Assessment  Environmental

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