

Client Boggabri Coal Operations

Project HV Tyre Jacking Slab Awning

Capital \$1.2M Approx.

Completed 2019

Services Provided

- Concept Design
- Brownfield 3d Digital Scan
- Structural Engineering
- Piping Engineering
- Detail Design & Drafting (including Fabrication drawings)
- Contractor construction support.

Project Brief

New awning over the existing Tyre Jacking Bay at the end of the existing HV Workshop facility.

The new awning fully covers the existing slab, while the soffit of the roof structure is 10m above the slab level to accommodate Ultra-Class mine trucks. Bollard protection was added around the new exposed columns and trafficable perimeter trench drain connected to existing drive-in sump. Bored pier construction for new column footings.

In addition, 2 low roof structures each side of the workshop were added, one for a dedicated tyre bay air compressor and the other to house miscellaneous workshop equipment. Total new roof area approx. 900m².

