



Draft Structural Specification

Request For Tender for Changeroom Refurbishment at Eugowra Pool

1. [Introduction](#)

Due to delay in receiving Structural Engineering documentation, the tender is being run without full structural drawings or specifications. This document provides draft structural sizing and specification to aid in tendering for the project.

It is anticipated that finalized structural engineering will be received sometime in February prior to anticipated commencement of the project in April. Prior to commencement, the successful contractor is to review the structural documentation against their allowances in their contract. A variation is to be submitted for any significant difference in structural allowances – this is to be fully justified and itemized.

The contractor is to make a reasonable and realistic allowance for structure based on the following information, the drawings, and their own experience.

2. [General Allowances](#)

All work to be carried out in accordance with National Construction Code and all applicable Australian Standards.

3. [Concrete Slab and Footings](#)

- Demolition of existing slab as noted in architectural drawings.
- All topsoil and organic matter shall be removed prior to placing and compacting road base or crusher dust under slabs.
- Fill under slabs shall be compacted to 98% standard compaction. A minimum of 100mm of compacted roadbase or crusher dust is required under slabs.
- High impact damp proof membrane complying with AS2870 installed under slabs.
- All concrete in accordance with AS3600. 32mPa, 80mm slump, 20mm max aggregate size.
- Galvanised steel angle bar 100x100 for new openings in brickwork.

Slab Sizing

- 125mm slab on ground.
- Note falls required for floor waste and showers.
- SL82 mesh.

4. New Structural Steelwork

- Existing circular steel columns to be retained.
- Existing northernmost timber beam to be retained for fixing of roof panels.
- New 2x steel RHS 50*150mm beams on either side of box gutter within female changeroom. Only one required to exterior box gutter. For support. Bearing off ex. Brick walls and circular column. Adjustment of walls and columns required.
- Framing required between steel to support box gutter and FC soffit lining.

5. Fixing of Bondek Insulroof panels

- Retain existing timber top plate along all brick walls.
- Fix new Bondek Insulroof panels into timber top plate.
- Panels are to be fixed and installed in accordance with manufacturer's specifications.
- Refer attached Bondek installation guide.