**SPANNING SLAB PLAN**

- 3500 max.
- 2500

**TYPICAL SECTION**

- 76.100 CHS C250 LO posts
- 50NB OS Pipe rails
- R16 locator pins
- Footing to be founded on stable natural ground with min. 100kPa allowable bearing capacity

**HANDRAIL FIXING DETAIL**

- 50 Cored holes for locator pins
- Note: Handrails to be fully welded in one piece and hot dipped galvanized.
- Min. 75 edge clearance
- 76.100x3.6
- 90x10x180
- 2/m16–316ss anchor bolts epoxy grouted 125 deep using Chemset Reo 502 or approved equivalent.

**NOTES:**
1. All materials and workmanship to be in accordance with AS3600 and AS3610.
2. Concrete quality (unless noted otherwise)
   - **ELEMENT**
     - **SLUMP**
     - **MAX. SIZED AGG.**
     - **CONC. STRENGTH**
     - Suspended slab
       - 80mm
       - 19mm
       - 40MPa
     - Footing
       - 80mm
       - 19mm
       - 25MPa with 65 cover (B1 exposure)
3. Vibration
   - Concrete in suspended slab and beam is to be vibrated.
4. Curing
   - All exposed suspended surfaces are to be cured during construction. Curing treatment to be in accordance with curing and manufacturers recommendations. Method of curing may vary depending on weather, season and exposure.
5. Clear concrete cover to reinforcement shall be as follows unless otherwise shown.
   - Suspended Slab 35mm (precast)/45mm (cast on site)
   - Ground Beams 65 Cover
6. Reinforcement is represented diagrammatically. It is not necessarily shown in true projection.
7. Fabric shall be lapped a minimum of one panel plus 25mm and deformed bars shall be lapped a minimum of 30 times the bar diameter shown.
8. All reinforcement fabric shall comply with AS1304–1972 and shall be supplied in flat sheets.
9. When footbridge is to be installed in a roadside environment, a welded mesh pedestrian fence as per SF–1507 is to be used instead of the tubular steel pedestrian fence shown.

**SUSPENDED SLAB FOOTBRIDGE STRUCTURAL DETAILS**

- **SCALE A**
- **SCALE B**

**AUTHORISED**

[Signature]

[Date: 17/09/2019]

[Company Name]