

SPANNING SLAB PLAN
Scale A

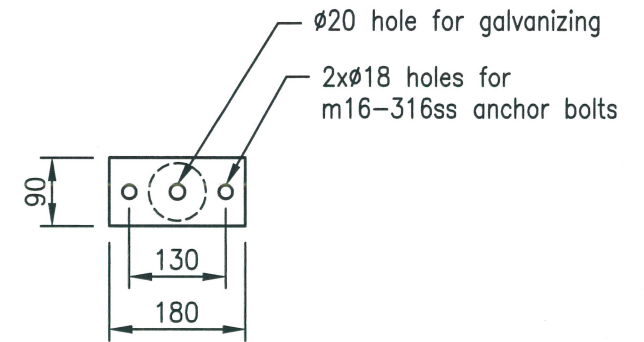
MBRC STD DRWG PC-2180 :- STRUCTURAL CERTIFICATION

- The suspended slab and footings shown on this drawing are considered to be structurally sound, and suitable for the following design live loads :
 - > 5.0 kPa distributed
 - > 13 kN concentrated
 - > max. 2500 GVM vehicle
- All construction to be completed in a professional manner, in accordance with relevant Australian Standards and Building Codes, and as per MBRC requirements.

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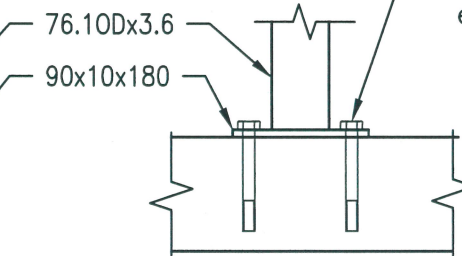
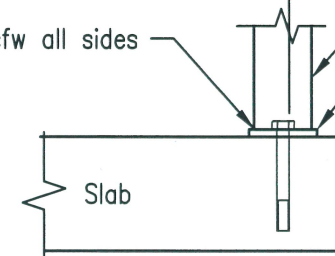
RPEQ 3333 Date : 17/09/2019

Note: Handrails to be fully welded in one piece and hot dipped galvanized.

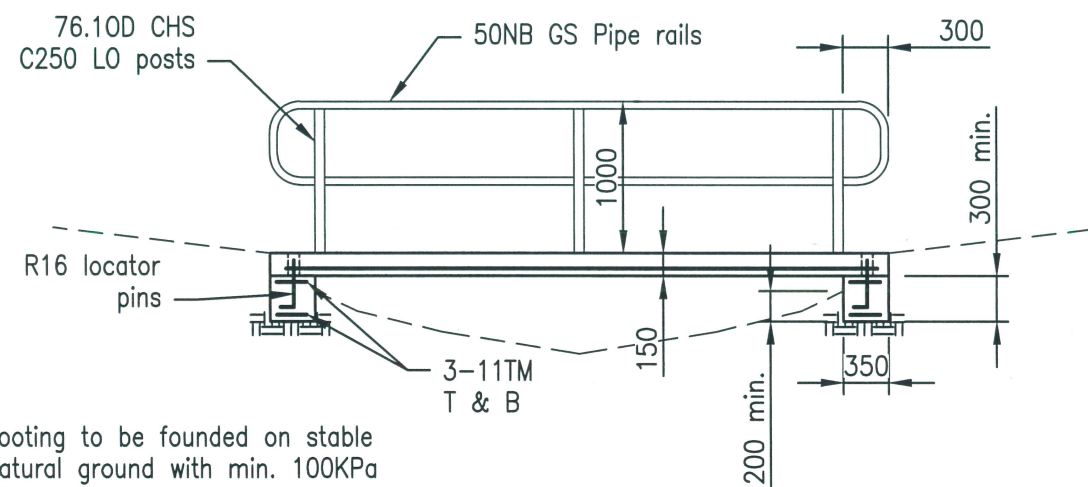


Min. 75 edge clearance

6cfw all sides



HANDRAIL FIXING DETAIL
Scale B



Footing to be founded on stable natural ground with min. 100KPa allowable bearing capacity

TYPICAL SECTION
Scale A

NOTES:

- All materials and workmanship to be in accordance with AS3600 and AS3610.
- 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)

- Vibration**
Concrete in suspended slab and beam is to be vibrated.
- 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.
- Clear concrete cover to reinforcement shall be as follows unless otherwise shown.

Suspended Slab	35mm (precast)/45mm (cast on site)
Ground Beams	65 Cover

- Reinforcement is represented diagrammatically. It is not necessarily shown in true projection.
- 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.
- All reinforcement fabric shall comply with AS1304-1972 and shall be supplied in flat sheets.
- 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.

REVISIONS	INT	DATE	SCALES	Drawn	TC	Date	10/19
E			A 0m 0.25 0.50 0.75 1.00 1:50	Coordinator	PP	Date	10/19
D			B 0m 0.05 0.10 0.15 0.20 1:10	AUTHORISED Manager Integrated Transport Planning & Design			
C							
B							
A							
X ORIGINAL ISSUE	TC	10/19					

**SUSPENDED SLAB FOOTBRIDGE
STRUCTURAL DETAILS**



DRG No. **PC-2180**

ORIGINAL SIZE **A3** REVISION