

**CONCRETE STEPS - SECTION**

**GENERAL NOTES**

- G1. ENSURE STEPS ARE LOCATED AND LANDSCAPED IN ACCORDANCE WITH DETAILED LANDSCAPE PLAN, AND SUBDIVISION AND DEVELOPMENT GUIDELINES.
- G2. TACTILE GROUND SURFACE INDICATORS (TGS) IN ACCORDANCE WITH AS/NZS1428.4 DESIGN FOR ACCESS AND MOBILITY.
- G3. TGS TYPE/MATERIAL AND INSTALLATION AS PER BSD-5218.
- G4. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).


**CONCRETE WORKS**

- C1. AT A MINIMUM ALL CONCRETE TO BE GRADE N25 BROOM FINISHED 125 MIN. THICKNESS. ALL CONCRETE WORKS TO BE REINFORCED MIN. SL72 MESH. ENSURE MIN. COVER OF 50 TO ALL SIDES.
- C2. FOR SLIP RESISTANCE REQUIREMENTS, REFER REFERENCE SPECIFICATIONS FOR ENGINEERING WORK S155 ROAD PAVEMENT MARKING.
- C3. ALL STEPS TO HAVE 1:50 MINIMUM FALL AWAY FROM RISE.
- C4. CONTRACTION JOINTS AS A GUIDE LOCATED @ 1.5m CENTRES. JOINT TO BE SAW CUT 6mm WIDE X 1/3 DEPTH DEEP WITHIN 4-12 HRS OF 3 PLACEMENT. PLACE MESH CENTRALLY OVER JOINT AND CUT EVERY SECOND BAR OVER JOINT.
- C5. EXPANSION JOINTS (WHERE REQUIRED) AS A GUIDE LOCATED @ 6m CENTRES. JOINT TO BE FULL DEPTH 10mm THICK CLOSED CELL CROSS-LINKED POLYETHYLENE FOAM (85-150KG/m<sup>3</sup>). SEAL SURFACE OF JOINT WITH 10mm DEEP POLYETHYLENE SEALANT ('SIKAFLEX 1A SILICON' OR EQUIVALENT). LARGER AREAS OF PAVEMENT TO BE REVIEWED BY ENGINEER.
- C6. FOR HANDRAIL REQUIREMENTS TO STEPS, REFER TO AUSTRALIAN STANDARDS AND COUNCIL REQUIREMENTS FOR ACCESS & MOBILITY (AS1428). ALL OTHER PATHWAYS OR PAVEMENT AREAS BEYOND THE STEPS TO COMPLY WITH THESE STANDARDS.

**FIXTURES/FITTINGS/METAL WORK**

- F1. ALL FIXTURES/FITTINGS UNLESS SPECIFIED ARE TO BE HOT DIPPED GALVANISED. SPECIFY STAINLESS STEEL FIXINGS IN VICINITY OF SALTWATER/SPRAY - ENSURE SEPARATION BETWEEN VARIOUS METALS TO PREVENT METAL CORROSION.
- F2. WHERE POSSIBLE ALL FIXINGS TO BE TAMPER/VANDAL PROOF TO MINIMISE DAMAGE OR THEFT.

THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHALL BE ASSESSED AND ACCEPTED BY A SUITABLY QUALIFIED REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).

	<b>BRISBANE CITY COUNCIL STANDARD DRAWING</b>		PUBLISH DATE Mar '21
	<b>STEPS - CONCRETE</b>		SCALE 1:20
			DRAWING NUMBER <b>BSD-5284</b>
	ORIGINAL SIZE <b>A3</b>	REVISION <b>B</b>	