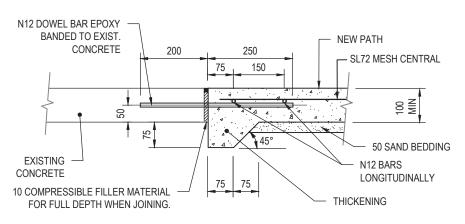


CONCRETE PATHWAYS



DOWEL BARS TO BE PLACED ALONG THE PATHWAY MIDWAY BETWEEN JOINTS AT 2000 CRS, OR AS DIRECTED BY THE RELEVANT COUNCIL WHEN WIDENING.

PATHWAY WIDENING/JOINING

(MINIMUM WIDENING 800)

SEALANT REFER NOTE 10 INSTALL 400 STAINLESS DOWELS (OR GALVANISED REFER RELEVANT COUNCIL FOR DOWELLED OR PROPRIETARY JOINT APPROVAL) AT 600 CRS SYSTEM TO BE PLACED CENTRALLY. DOWELS Ø12 IN SLAB AVOID INTERFERING WITH EXISTING THICKNESS 100. SL72 MESH WHEN INSTALLING. GREASED DOWEL WITH SL72 MESH CENTRAL **EXPANSION CAP** FIRST POUR SECOND POUR 10MM COMPRESSIBLE FILLER MATERIAL FOR FULL DEPTH

DOWELLED EXPANSION JOINT DETAIL (DEJ)

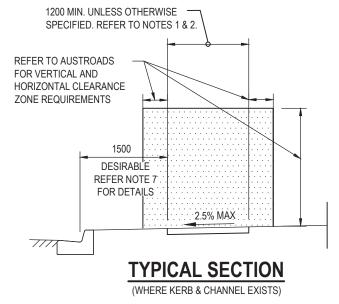
JOINT TO BE EITHER TOOLED FOR STEEL MESH REINFORCED PATH, SL 72 MESH JOINTS SAW CUT 1/3 DEPTH X 6 CENTRALLY LOCATED IN SLAB, FOLD UNDER DOWEL WIDE OR APPROVED JOINTS WITH 50 MIN BOTTOM COVER (REFER NOTE 5) PROPRIETRY MECHANICAL JOINT. LAP MESH 400 FLSEWHERE REFER NOTE 11. PROPRIETARY JOINT SEAL CAP OR POLYURETHANE SEALANT DOWEL 9 \mathbb{N} 100 MIN 100 75 MIN PROPRIETARY COMBINATION KEY PROPRIETARY DOWEL SL72 MESH CENTRAL, CUT EVERY AND EXPANSION JOINT SECOND WIRE AND DEPRESS REINFORCING TO MAINTAIN COVER. * DOWEL AND SLEEVE MAYBE ELIMINATED FOR MASS CONCRETE PATHS

CONTROL JOINT (CJ)

PREFORMED KEY JOINT WITH DOWEL

The fitness for purpose of these drawings for a specific project shall be determined and certified by a Registered Professional Engineer of Queensland (RPEQ).

The user is responsible for ensuring the relevant council has adopted the drawing prior to its use.



NOTES:

- 1. REFER TO RELEVANT COUNCIL REQUIREMENTS FOR PATHWAY WIDTH, DIMENSIONS AND CONCRETE COLOUR.
- 2. CONCRETE TO BE GRADE N32 AS 1379 AND AS 3600 WITH AN 80 SLUMP UNLESS APPROVED OTHERWISE.

(WHERE NO KERB & CHANNEL EXIST

- 3. REINFORCING REQUIREMENTS MAY BE AMENDED ON WRITTEN INSTRUCTIONS FROM COUNCIL.
- 4. FIBRE REINFORCEMENT WHEN APPROVED FOR USE BY THE RELEVANT COUNCIL, THE CONCRETE SHALL BE REINFORCED WITH CLASS 2 MACRO STRUCTURAL SYNTHETIC POLYMER FIBRES IN ACCORDANCE WITH AS3600 AND MANUFACTURERS SPECIFICATION FOR THE SPECIFIED DESIGN LOAD.
- FOR STEEL MESH REINFORCED PATHS AT DOWELLED EXPANSION JOINTS: MESH IS TO BE STOPPED 75
 FROM THE JOINT, BE PLACED UNDER THE DOWELS AND CHAIRED AT MIN 50 COVER FROM BOTTOM
 FACE TO DETER THE MESH DEFLECTION INTERFERING WITH THE DOWELS.
- PATHWAY SURFACE FINISH TO BE BROOM FINISHED PERPENDICULAR TO LENGTH TO COMPLY WITH THE REQUIREMENTS OF AS/NZ 4586 'SLIP RESISTANCE CLASSIFICATION OF NEW SURFACE METERIALS'.
- 7. THE DIMENSION BETWEEN KERB INVERT AND EDGE OF PATHWAY MAY BE VARIED SUBJECT TO RELEVANT COUNCIL APPROVAL. FOR APPROPRIATE TREATMENT OF GRADES GREATER THAN 1 IN 8 (12.5%), REFER TO AS 1428, DESIGN FOR ACCESS & MOBILITY.
- 8. WHERE A VEHICLE CROSSING POINT, OR PATH IS SUBJECT TO LONGITUDINAL TRAFFIC THE PATHWAY DETAILS SHALL BE PER RELEVANT RESIDENTIAL DRIVEWAY STANDARD DETAILS RSD-100 & RSD-101.
- 9. ADDITIONAL PATH DETAILS SHALL BE AS PER AUSTROADS GUIDELINES
- 10. EXPANSION JOINTS TO BE SEALED WITH A LOW MODULUS SELF PRIMING SEALANT TO THE MANUFACTURERS SPECIFICATIONS. THE COLOUR OF THE SEALANT IS TO MATCH THE ADJOINING SURFACE FINISH.
- 11. SAW CUT JOINTS ARE TO BE UNDERTAKEN BETWEEN 4 TO 12 HOURS AFTER LAYING DEPENDING ON CONDITIONS. JOINT SEALANT IS REQUIRED IN SANDY AREAS.
- 12. CONCRETE FOOTPATHS JOINING TO EXISTING DRIVEWAYS TO TRANSITION OVER A MINIMUM 5.0M. LENGTH.
- 13. WHEN A CONCRETE FOOTPATH IS TO BE AFFECTED WHEREBY PARTIAL REMOVAL IS PROPOSED (eg.UNDERGROUND UTILITY INSTALLATION) THE SECTION AFFECTED BY WORKS IS TO BE REPLACED FROM AN EXISTING JOINT TO EXISTING JOINT UTILISING DOWELED EXPANSION JOINTS.
- 14. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

PATHWAYS	O IF	PUBLIC WORKS ENGINEERING AUSTRALASIA
CONCRETE PATHWAYS CONSTRUCTION DETAILS	SIZE A3	DRAWING No.
	NOT TO	PCD-101
	SCALE	REV DATE: 07/23 REV.

THIS DRAWING IS SUBJECT TO COPYRIGHT BELONGING TO THE INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA QUEENSLAND LTD (IPWEA-QNT). THE TERMS AND CONDITIONS OF USE CAN BE FOUND AT WWW.IPWEA-QNT.COM