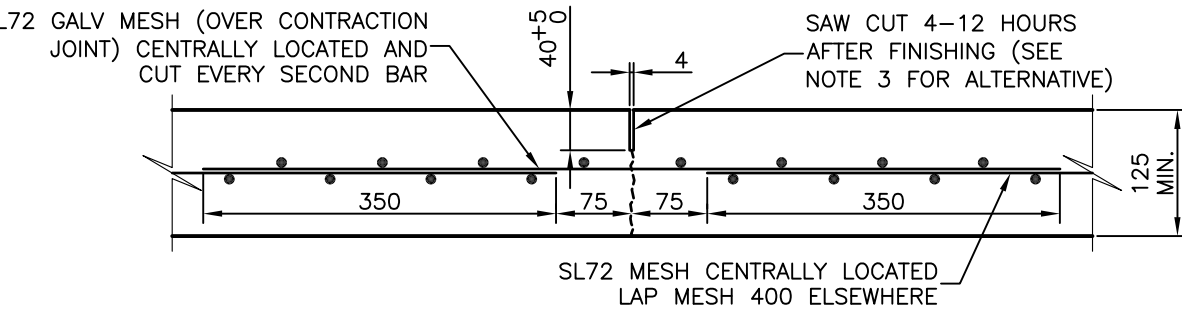
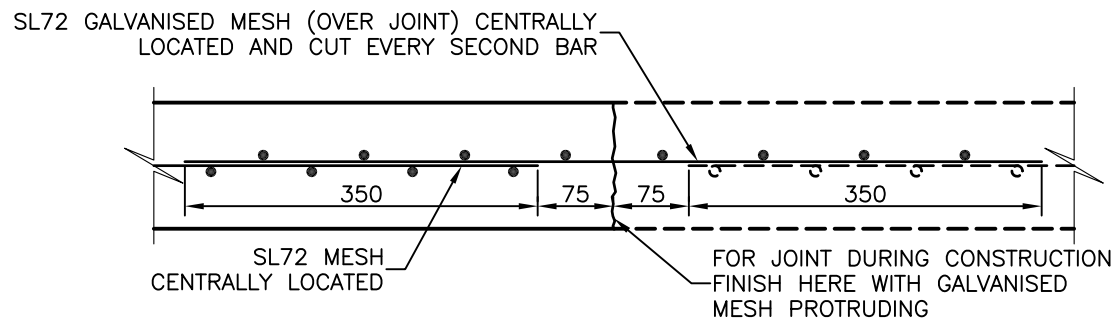


EXPANSION JOINT
SPACING 16m

(SEE DETAIL 'A' FOR ALTERNATIVE PREFORMED JOINT DETAILS)



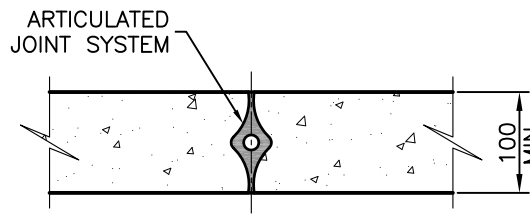
CONTRACTION JOINT
SPACING 4m



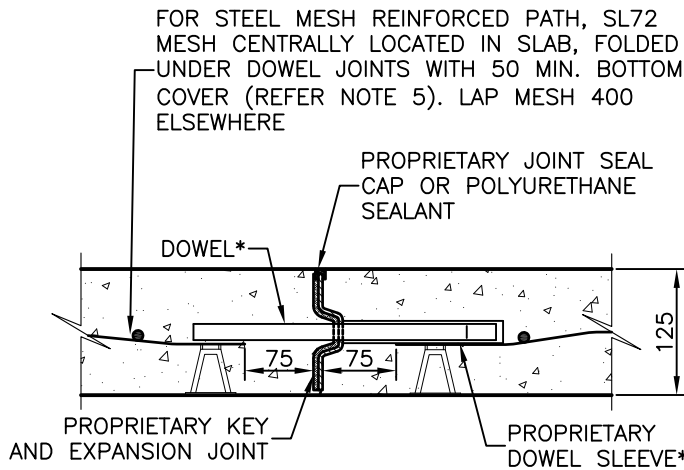
CONSTRUCTION JOINT
PLACEMENT AS REQUIRED

STEEL REINFORCED

(USE WHERE DIRECTED, IN FILL OR POOR SUBGRADE.
REFER NOTES 1 & 2)

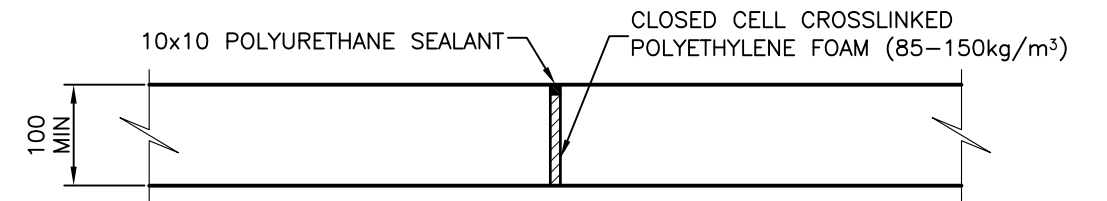


DETAIL 'B'
ARTICULATED JOINT SYSTEM
SPACING TYP. 3m FOR 3m WIDE PATH
(USE WHERE DIRECTED)
REFER NOTE 6



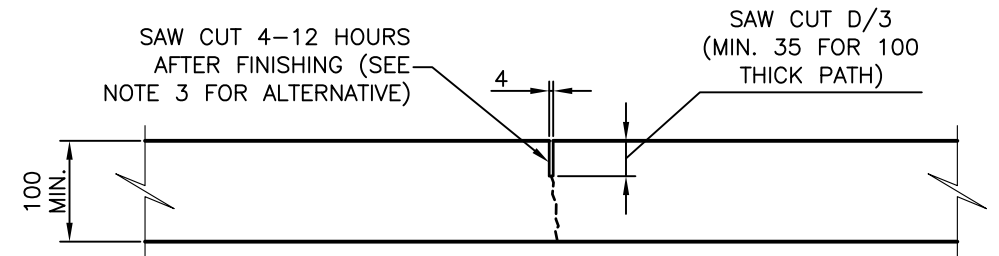
* DOWEL MAYBE ELIMINATED FOR MASS CONCRETE PATHS

DETAIL 'A'
PREFORMED KEY JOINT
WITH DOWEL



EXPANSION JOINT
SPACING 16m

FOR FIBRE REINFORCED PATHS, REFER DETAIL 'A' FOR
PRE-FORMED KEY JOINT/EXPANSION JOINT REQUIREMENTS



CONTRACTION JOINT
SPACING 4m

**MASS CONCRETE
AND FIBRE REINFORCED**

(USE FIBRE REINFORCED CONCRETE WHERE DIRECTED, IN
FILL OR POOR SUBGRADE. REFER NOTES 1, 2 & 7.)

NOTES:

1. REFER SUPPLEMENTARY NOTES ON UMS.H FOR SUBGRADE DESCRIPTION.
2. WHERE CONCRETE PATH IS TO BE USED FOR MAINTENANCE VEHICLE OR MACHINERY ACCESS, PATH MUST BE MIN. 125 THICK AND REINFORCED TO SATISFY ANTICIPATED LOADING CONDITIONS.
3. PROPRIETY CRACK INDUCER PRODUCTS MAY BE USED IN PLACE OF SAW-CUTTING ON CONTRACTION JOINTS. WHERE PATH IS MESH REINFORCED, GALVANISED MESH IS TO BE USED ON ALL CONTRACTION JOINTS.
4. PROPRIETY DOWELED KEY JOINT MAY BE USED IN PLACE OF STANDARD DOWEL JOINT AND/OR EXPANSION JOINT. REFER DETAIL 'A' FOR TYPICAL DETAILS.
5. 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 TO DETER THE MESH DEFLECTION INTERFERING WITH THE DOWELS.
6. WHERE CONCRETE PATH IS TO BE CONSTRUCTED ADJACENT TO EXISTING TREES, AN ARTICULATED JOINT SYSTEM MAY BE USED TO MINIMISE POTENTIAL DAMAGE FROM TREE ROOTS. REFER DETAIL 'B' AND UMS 526 FOR DETAILS.
7. FOR FIBRE REINFORCED CONCRETE PATHS, THE CONCRETE SHALL BE REINFORCED WITH CLASS 2 MACRO STRUCTURAL SYNTHETIC POLYMER FIBRES WITH OR WITHOUT DISCRETE GRADED MONOFILAMENT FIBRES. MANUFACTURER MUST BE ABLE TO PROVIDE EVIDENCE OF NATA TESTING TO ASTM1609 WITH MINIMUM Re3 RESULT OF 30% IN RELEVANT CONCRETE STRENGTHS. BATCHING OF FIBRES SHALL BE BY READY MIX SUPPLIER IN ACCORDANCE WITH MANUFACTURER'S TECHNICAL REFERENCE. CONCRETE PLACER/CONTRACTOR MUST FAMILIARISE THEMSELVES WITH THE PLACING AND FINISHING GUIDE AVAILABLE FROM THE MANUFACTURER OF NOMINATED FIBRE
8. ALL CONCRETE TO BE GRADE N32.
9. DIMENSIONS IN MILLIMETRES (U.N.O.).

F	Contraction Joint Note, Detail 'A' and Notes 2, 3, 5 & 8 Mod.	DJL 01/12	IC 06/12	Jun '12
E	Detail B and Note 5 & 6 Added, Reo Details and Sealant Type at EJ's Modified, Notes 1, 7 & 8 Modified	DJL 02/09	IC 09/09	PC 9/09
D	Steel Designation Updated	DJL 07/07	BH 08/07	BH 08/07
A-C	Refer Previous Releases for Amendment Details	04/01 - 08/05	05/01 - 03/06	06/01 - 03/06
ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE

DESIGN AUTHORIZED FOR ISSUE B. BALL SIGNATURE ON ORIGINAL DATED 29/6/01	DESIGN	STD DWG GROUP	DATE	April '01
MANAGER ASSET SUPPORT - R.P.E.O. 3.8.5.2	DRAWN	CITY DESIGN	DATE	April '01
DESIGN APPROVED B. HANSEN SIGNATURE ON ORIGINAL DATED 27/6/01	CHECKED	M. STEER	DATE	May '01
PRINCIPAL ASSET OFFICER ROADS & DRAINAGE	DRAWING FILENAME	UIMS 252	ASSOCIATED PLANS	SUPERSEDES WS 16-2



BRISBANE CITY COUNCIL STANDARD DRAWING

**BIKEPATH PAVEMENT
JOINTS**

SCALE	NOT TO SCALE
DWG No.	UMS 252
ORIGINAL SIZE	REVISION
A3	F