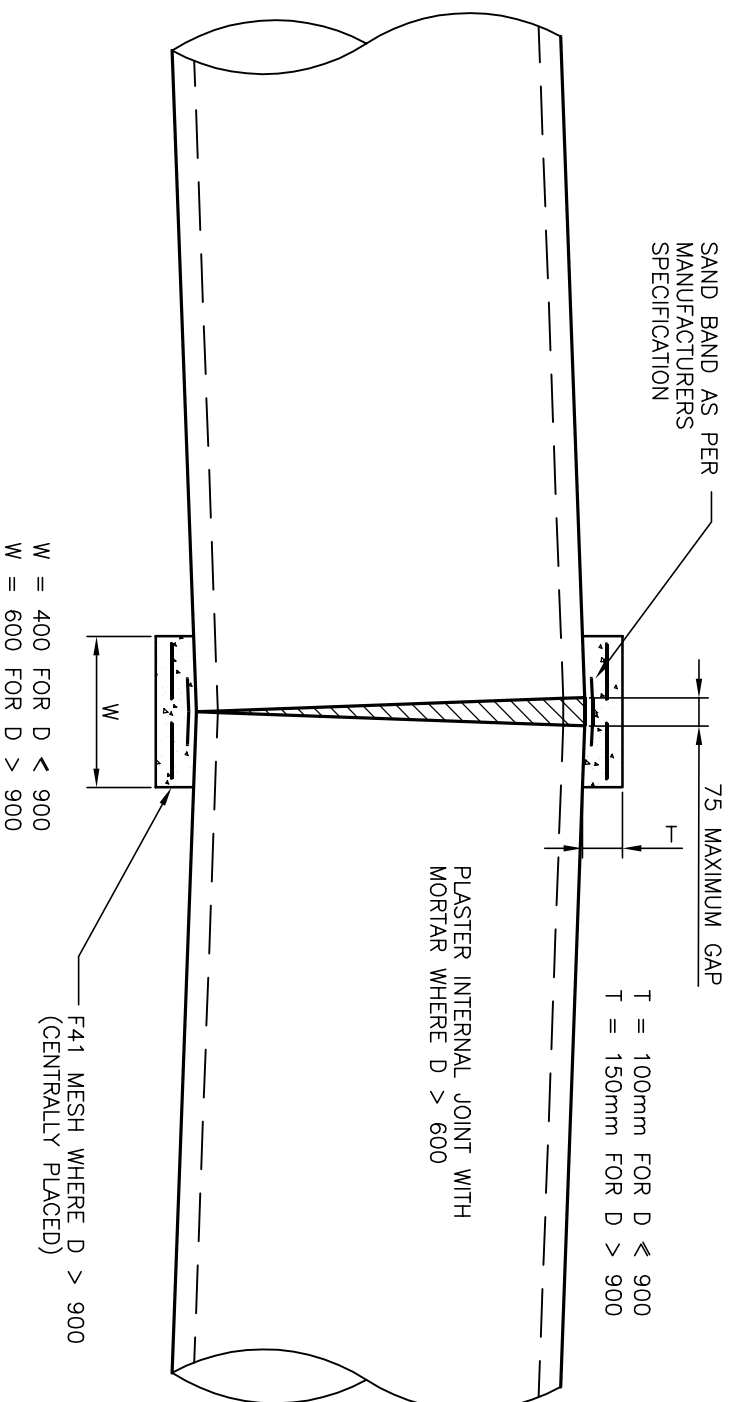


**CROSS-SECTION**

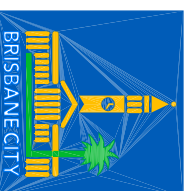


**LONGITUDINAL SECTION**

- NOTES:**
1. THIS STANDARD IS NOT PERMITTED FOR NEW SUBDIVISIONS/DEVELOPMENTS. IT IS ONLY TO BE USED BY COUNCIL TO UPGRADE EXISTING RELIEF DRAINAGE SYSTEMS WHERE ALTERNATIVES ARE IMPRACTICAL.
  2. DEFLECTION JOINTS MAY BE PERMITTED AT CHANGES IN GRADE AND DIRECTION ONLY IF APPROVED BY MANAGER ASSET SUPPORT OR DELEGATE.
  3. MORTAR TO BE 3 PARTS SAND TO 1 PART CEMENT BY VOLUME.
  4. CONCRETE TO BE GRADE N20.
  5. DIMENSIONS IN MILLIMETRES (UNO).

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	ORIGINAL ISSUE	April '01	May '01	June '01

DESIGN AUTHORISED FOR ISSUE B. BALL SIGNATURE ON ORIGINAL DATED 29/6/01		DESIGN	STD DWG GROUP	DATE	April '01
MANAGER ASSET SUPPORT - R.P.E.G.: 3, 8, 5, 2 DESIGN APPROVED B. HANSEN SIGNATURE ON ORIGINAL DATED 27/6/01		DRAWN	CITY DESIGN	DATE	April '01
PRINCIPAL ASSET OFFICER ROADS & DRAINAGE		CHECKED	M. STEER	DATE	May '01
		DRAWING FILENAME	UMS 312		
		ASSOCIATED PLANS	SUPERSIDES WS 50-2		



**BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION**

DEFLECTION JOINT FOR CONCRETE PIPES

SCALE	NOT TO SCALE
DWG NO.	UMS 312
ORIGINAL SIZE	A3
REVISION	A