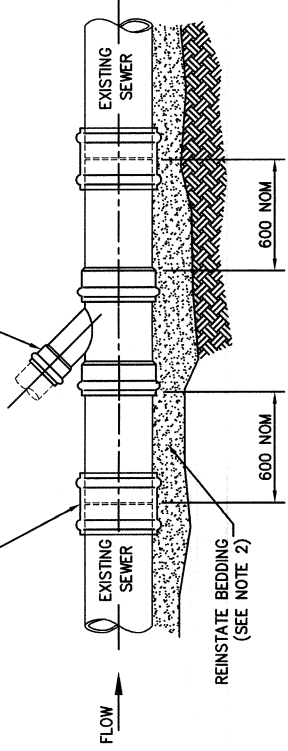


JOINTING TECHNIQUE:
USE SLIP COUPLING OR
OTHER COUPLING/CLAMP
AS APPLICABLE
(SEE A3-04246)

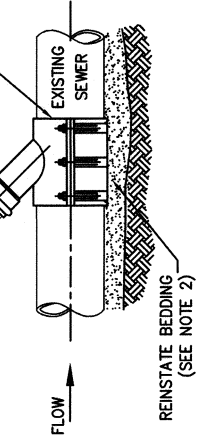
45° JUNCTION AS REQUIRED. JUNCTION
BRANCH MAY BE AT ANY ANGLE FROM
HORIZONTAL TO VERTICAL (VERTICAL SHOWN)
(SEE NOTES 4 & 5)



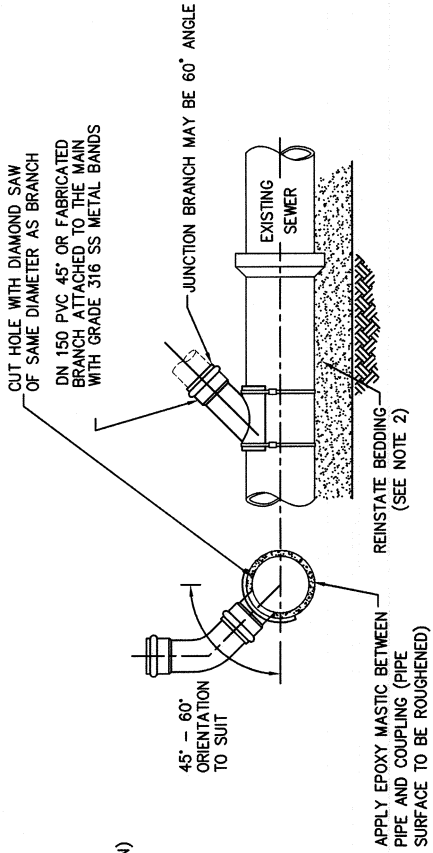
INSERTION OF JUNCTION INTO EXISTING SEWER

45° OR 90° JUNCTION AS REQUIRED
JUNCTION BRANCH MAY BE AT ANY ANGLE FROM
HORIZONTAL TO VERTICAL (VERTICAL SHOWN)
(SEE NOTE 4)

SS SEWER JUNCTION
WITH 45° OR 90° BRANCH
(BRANCH TO SUIT CONNECTING
PIPE MATERIAL)



CONNECTION OF SS SEWER JUNCTION TO EXISTING SEWER PLAIN WALL



CONNECTION OF PVC SADDLE TO EXISTING SEWER

(SEE NOTE 6)

CLAMP-ON BRANCH INSTALLATION PROCEDURE

- PLACE CLAMP-ON BRANCH ON PIPE AND MARK THE INSIDE SHAPE OF THE JUNCTION BRANCH ON MAIN PIPE.
- REMOVE CLAMP AND CUT HOLE USING APPROPRIATE TYPE OF SAW.
- ALIGN JUNCTION BRANCH WITH CUT HOLE. POSITION CLAMPS AND TIGHTEN TO REQUIRED TORQUE.

NOTES:

- ALL DIMENSIONS IN MILLIMETRES.
- PLACE EMBEDMENT UNDER AND AROUND ALL INSTALLED PIPE SECTIONS AND SPACERS AND COMPACT TO MAINTAIN GRADE AND MINIMISE SETTLEMENT.
- ENSURE MINIMUM GRADE REQUIREMENTS ARE MET WHEN BRANCH LAID HORIZONTAL SEE A3-04202.
- WHERE AVAILABLE A SP-SP JUNCTION MAY BE INSERTED DIRECTLY INTO EXISTING SEWER AND COUPLED USING ANY OF THE CUT-IN METHODS SHOWN IN A3-04246.
- USE OF PVC SADDLE REQUIRES MACKAY WATER & WASTE APPROVAL. THOROUGHLY CLEAN SURFACES OF EXISTING PIPES BEFORE CONNECTING CLAMPS OR COUPLINGS.

DRAWING FILE NAME				COMMERCIAL SERVICES		Mackay REGIONAL COUNCIL	
C. 5/5	AMEND MGR SKN.	JC	M:\ESTS\Design\Projects\STD-DWG\MACKAY WATER\WSAA MRC\SEW CODE\A3-04247B	EXECUTIVE MANAGER MACKAY WATER SERVICES RPEQ 7506		STANDARD DRAWING INSERTIONS & REPAIR SYSTEMS INSERTION OF JUNCTIONS	
B MAY08	MODIFIED TO MRC STD	SLR	SURVEY N/A	WSAA NO. SEW-1501		DRAWING No. A3-04247	
A OCT07	TFER TO MRC TBLOCK	SLR	SURVEY FILE No N/A	DATE OF LAST EDIT February 24, 2009		AMEND. C	
0	WSAA ORIG		LEVEL DATUM A.H.D.	JASON DEVITT		SHEET 1 OF 1	
NO. DATE	DESCRIPTION	APPVD.	MERIDIAN MGA-55	JOB No			