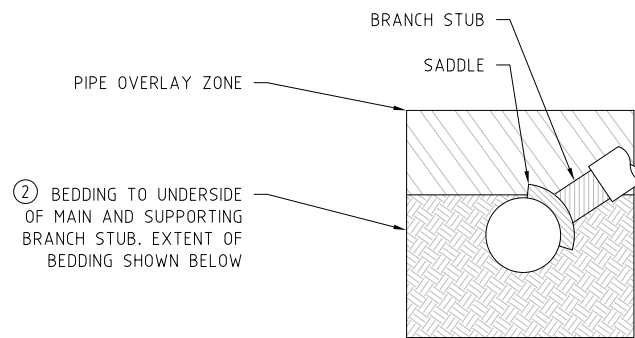
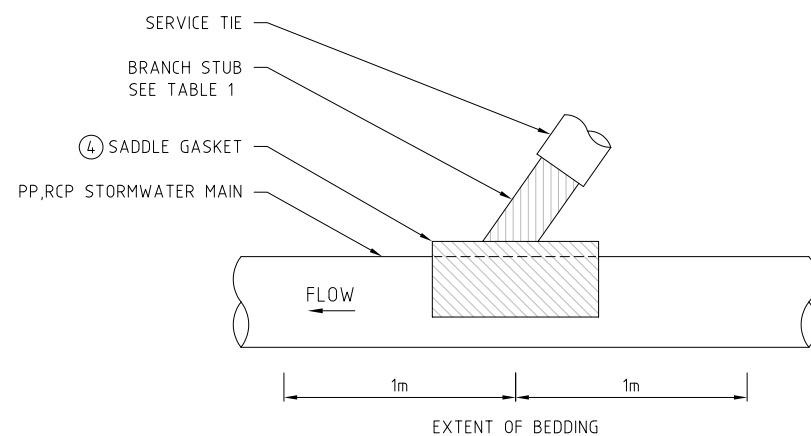


**BRANCH CONNECTIONS
TYPICAL SECTION**



**SADDLE SLOPE JUNCTIONS
TYPICAL SECTION**



**SADDLE SLOPE JUNCTIONS
ELEVATION**

NOTES:

1. REFER TO DRAWING ACTSD-0000 FOR GENERAL NOTES.
- ② MATERIALS USED IN BEDDING AND BACKFILLING SHALL COMPLY WITH MITS03.
3. SADDLE SLOPE JUNCTIONS ARE PERMITTED FOR SERVICE TIES ONLY.
- ④ AFFIX SADDLE WITH MASTIC (PP) OR EPOXY (FRC) ACCORDING TO MANUFACTURERS INSTRUCTIONS, REFER TO TCCS APPROVED PRODUCT LIST.
- ⑤ CENTRE LINE OF BRANCH SHALL INTERSECT CENTRE LINE OF MAIN.
6. A MANHOLE SHALL BE LOCATED ON BRANCH PIPES WITHIN 20m OF BRANCH CONNECTION TO MAINS.
7. THE ENTRY ANGLE BETWEEN THE BRANCH AND THE MAIN SHALL BE IN THE RANGE 45° - 90° IN THE HORIZONTAL PLANE.
- ⑧ NO PROTRUSION INTO MAIN.

TABLE 1 : JUNCTION TYPES

STORMWATER MAIN SIZE	JUNCTION TYPE					
	MAX SIZE OF BRANCH PERMITTED FOR TYPE CONNECTION SHOWN			TYPE OF JUNCTION WHEN BRANCH SIZE IS GREATER THAN LIMIT		
	SLOPE JUNCTION	SADDLE SLOPE		BRANCH CONNEC TIONS (RCP)	1050ND MANHOLE	SPECIAL CHAMBERED MANHOLE
RCP,FRC, PVC	RCP, FRC	PP				
225	225	150	150		X	
300	300	225	225		X	
375		300	225	150	X	
450		300	225	150	X	
525				150	X	
600				300	X	
675				375	X	
750				375		X
825				450		X
900				450		X
1050				525		X
1200				600		X



STANDARD DRAWING

**TYPICAL PIPE
JUNCTIONS**

NOT TO SCALE

Authorised: *[Signature]*

Latest Revision Details

0	BASED ON DRG ST-0001	14/01/19
Rev	Amendment	Date
Drawing No.		Revision
ACTSD-0801		0