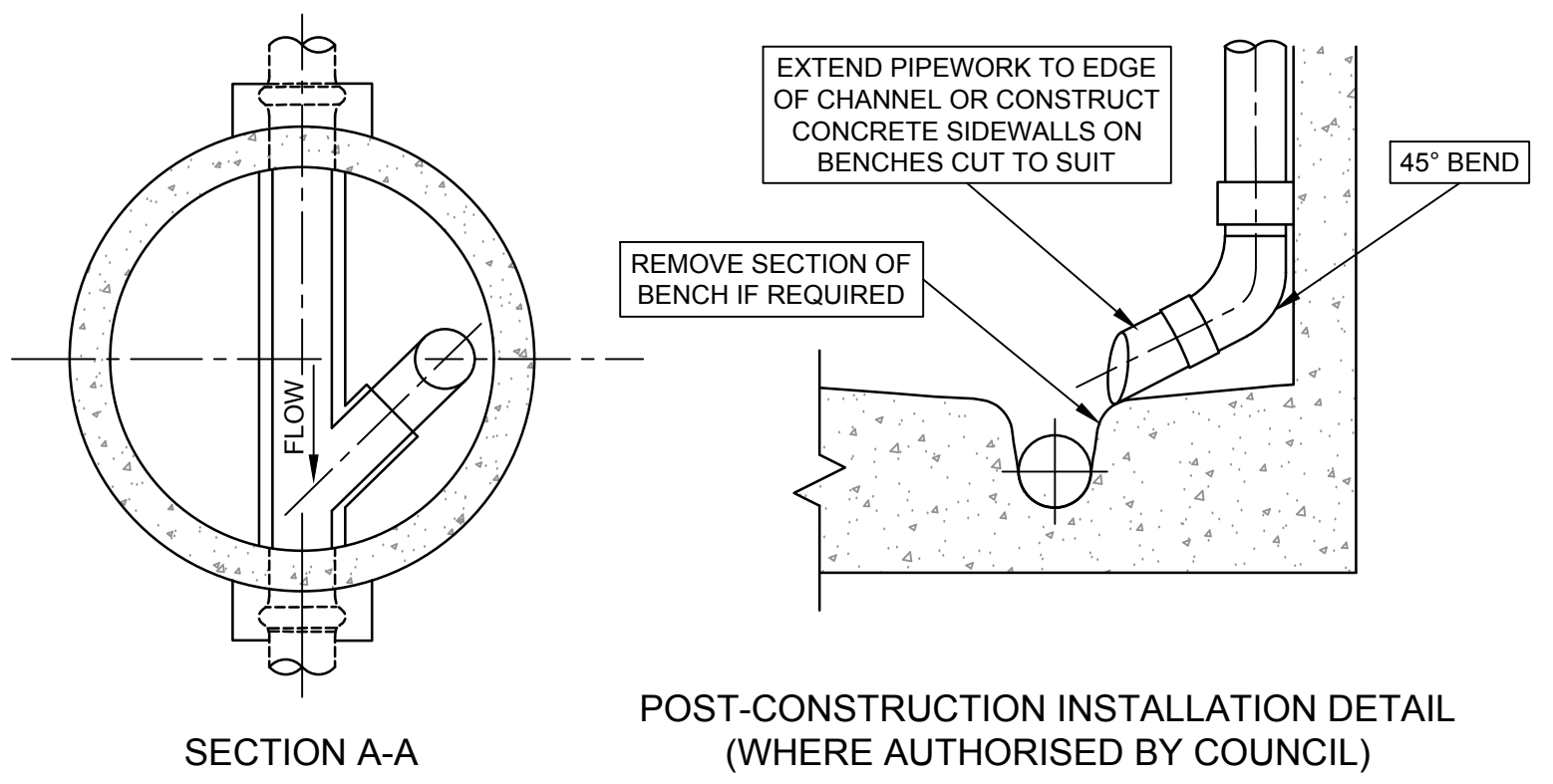


TYPICAL CAST IN-SITU CONCRETE MH WITH INTERNAL DROP PIPE
(PVC-U DWV SEWER PIPE SHOWN)

SEWER SIZE DN	PVC		VC, RC	DI	GRP	
	"L" MIN	"L" MAX	"L"	"L"	"L" MIN	"L" MAX
150	300	450	600	1500	500	1000
225	450	650	600	1500	500	1000
300	600	900	700	1500	500	1000
375	750	1125	700	1500	500	1000

WSA TABLE 7.3
ROCKER PIPE DIMENSIONS



NOTES

- FOR RETICULATION SEWERS (<=DN300) WHERE INLET AND OUTLET SEWERS ARE THE SAME DIAMETER, COMPENSATION FOR THE FRICTION HEAD LOSS THROUGH BENDS WITHIN MHS SHALL BE PROVIDED BY MEANS OF FALL TO THE DESIGN GRADE, EVENLY DISTRIBUTED ALONG THE CHANNEL WITHIN THE MH. THE MINIMUM INTERNAL FALL THROUGH AN MH FOR A DEFLECTION SHALL BE NOT LESS THAN THE VALUES NOMINATED IN TABLE 5.12.
- WHERE AN INTERNAL OR EXTERNAL DROP IS PROVIDED TO CATER FOR A LARGE FALL BETWEEN THE MH INLET AND OUTLET SEWERS, THE INTERNAL FALL THROUGH THE MH SHOULD BE TAKEN AS THE LEVEL DIFFERENCE BETWEEN THE OUTLET IL OF THE DROP STRUCTURE AND THE IL OF THE MH OUTLET SEWER. ILS ARE CALCULATED AT THE CENTRE OF THE MH.
- ON RETICULATION SEWERS WHERE THE INTERNAL FALL ACROSS THE BASE OF THE MH IS NOT ACHIEVABLE DUE TO A LARGE DIFFERENCE BETWEEN THE LEVELS OF INCOMING AND OUTGOING SEWERS, INTERNAL OR EXTERNAL DROPS SHALL BE PROVIDED WITHIN THE LIMITATIONS OF TABLE 5.13.
- WHERE "GRADING-OUT" IS NOT PRACTICAL, A DROP STRUCTURE SHALL BE PROVIDED AT THE JUNCTION OF A SHALLOW AND A DEEP SEWER. IN SEVERE CHANGE OF LEVELS, VERTICALS MAY BE USED WITH THE MINIMUM DROP OF THE VERTICAL AT MHS BEING GOVERNED BY THE DIMENSIONS OF AVAILABLE PIPE FITTINGS.

Armidale <i>Dept of Public Infrastructure</i> Regional Council	SCALES	APPROVED	D. MAUNDER	31/08/2016	SHEET 2 OF 2
	NTS	MANAGER ENGINEERING AND STANDARDS SUPPORT		DATE	
SEWER MAINTENANCE HOLES EXTERNAL AND INTERNAL DROPS THROUGH MH		SURV	AS SHEET SIZE	DRAWING No	AMDT No
		DRWN	ST	010-028	
		DES	MW		
		CHKD	MW	CADFILE 010-028_2.dwg	DATE 31/08/2016