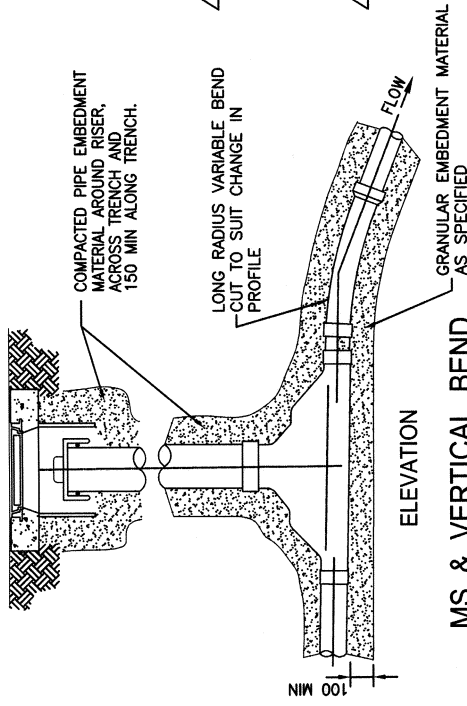
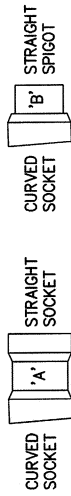


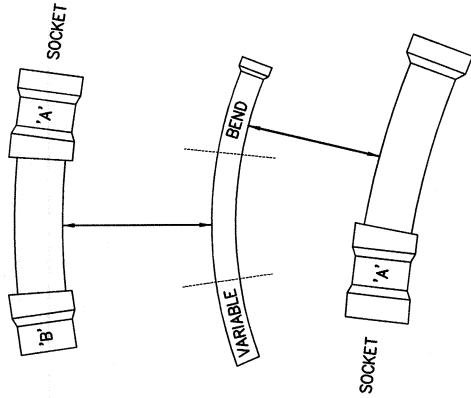
**MS & HORIZONTAL BEND**



**MS & VERTICAL BEND**  
AS SPECIFIED



**LEGEND**



**TYPICAL VARIABLE BENDS**

(ALL COMBINATIONS OF ENDS ACCEPTED)

**NOTES:**

1. WRITTEN APPROVAL FROM COUNCIL REQUIRED.
2. ALL DIMENSIONS IN MILLIMETRES.
3. VARIABLE BEND CUT TO LENGTH TO ACHIEVE REQUIRED DEFLECTION.
4. RECORD DETAILS OF BEND LOCATIONS AND ANGLES ON WORK AS CONSTRUCTED DRAWINGS.
5. ALL BENDS ARE TO BE WITHIN MAINTENANCE HOLES.

MRC STANDARD DRAWINGS SUPERCEDES WSAA STANDARD DRAWINGS

**E 5/5 AMEND MCR SKN. JC**

<b>Mackay REGIONAL COUNCIL</b>		DRAWING No. <b>A3-04230</b>	
STANDARD DRAWING MAINTENANCE HOLES MS & VARIABLE BEND INSTALLATIONS		AMEND. <b>E</b>	
<b>COMMERCIAL SERVICES</b>		EXECUTIVE MANAGER MACKAY WATER & WASTE RPRQ 7606	
WSAA NO. <b>SEW-1315</b>		DATE <b>27 MAY08</b>	
WATER SERVICES ASSOCIATION of Australia		DATE <b>27 MAY08</b>	
DRAWING FILE NAME <small>M:\Engineering Services\Technical Services\Design\Projects\Standard drawings\Mackay Water\WSAA MRC\SEW CODE\A3-04230D</small>		SURVEY N/A	
SURVEY FILE No N/A		DATE OF LAST EDIT May 21, 2009	
LEVEL DATUM A.H.D.		JOB No	
APPVD. MGA-55			
NO	DATE	DESCRIPTION	
D	MAY08	MODIFIED TO MRC STD	SLR
C	APR08	5. NOTE ADDED	NR
B	NOV07	1. NOTE ADDED	NR
A	OCT07	T'SFER TO MRC TBLOCK	SLR
0		WSSA ORIG.	