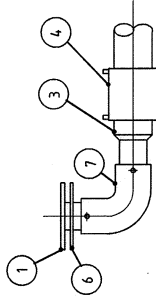
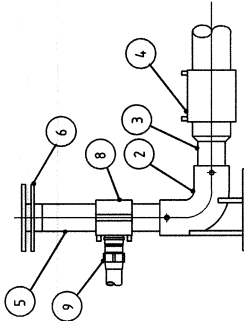


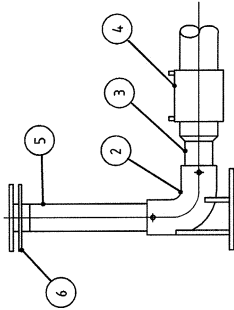
FLUSHING HYDRANTS



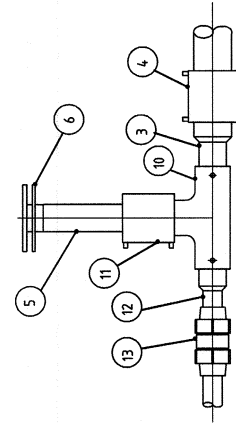
ELECTROFUSED OR BUTT WELDED



ELECTROFUSED WITH SUB MAIN BRANCH

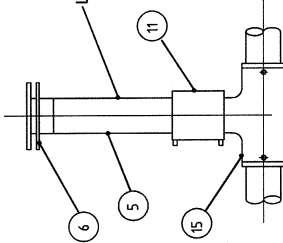


ELECTROFUSED OR BUTT WELDED

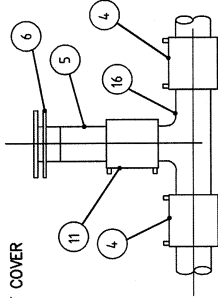


ELECTROFUSED WITH STRAIGHT THROUGH SUBMAIN CONNECTION

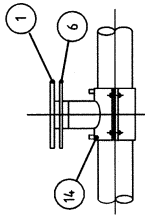
HYDRANT TEES



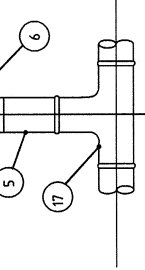
ELECTROFUSION SOCKETED TEE
(SUITS 600 + COVER)



ELECTROFUSED SPIGOT TEE



ELECTROFUSION SADDLE TEE
(SUITS 500 COVER)



BUTT WELDED SPIGOT TEE

LEGEND

- 1 FULL FACE FLANGE ADAPTOR
- 2 90 DUCK FOOT BEND
- 3 125x90 REDUCER, ELONGATED SPIGOT
- 4 125 EF COUPLER
- 5 EXTENDED FULL FACE FLANGE ADAPTOR
- 6 BACKING RING
- 7 90 EF ELBOW 90 deg.
- 8 90x50 BSP EF TRANSITION SADDLE

NOTES

1. ALL DIMENSIONS IN MILLIMETERS.
2. REFER TO PE CODE SECTION 2 FOR DETAILS OF SIZE, COMPOUND, PRESSURE CLASS AND COLOUR.
3. FOR SURFACE FITTING INSTALLATIONS REFER TO MACAKY WATER & WASTE STANDARD DRAWINGS.
4. FOR JOINTING DETAILS REFER TO PE CODE WSA-01 SECTION 2.11.3.
5. ALL BACKING PLATED, NUTS, BOLTS AND WASHERS TO BE MINIMUM GRADE 316 STAINLESS STEEL.
6. GASKETS COMPLYING WITH AS 4087 TO BE USED FOR ALL FLANGED CONNECTIONS.

THIS DRAWING FOR INTERNAL REFERENCE ONLY - DO NOT INCLUDE IN STANDARD SET OF DRAWINGS

DRAWING FILE NAME		DRAWING NO.	
M:\Engineering Services\Technical Services\Design\Projects\Standard drawings\Mackay Water\WSAA MRC\WAT CODE\A3-043148		A3-04314	
SURVEY N/A		STANDARD DRAWING	
SURVEY FILE No N/A		HYDRANT INSTALLATION	
DATE OF LAST EDIT		FITTINGS	
MAY 21, 2009		PE ASSEMBLIES	
LEVEL DATUM A.H.D.		AMEND. C	
MERIDIAN MGA-55		SHEET 1 OF 1	
APPVD.		JASON DEVITT	
DESCRIPTION		DATE	
WSAA NO.		27 MAY09	
WAT-1409		EXECUTIVE MANAGER	
WATER SERVICES ASSOCIATION of Australia		MACKAY WATER & WASTE	
RPEQ 7506		COMMERCIAL SERVICES	
Mackay REGIONAL COUNCIL		STANDARD DRAWING	