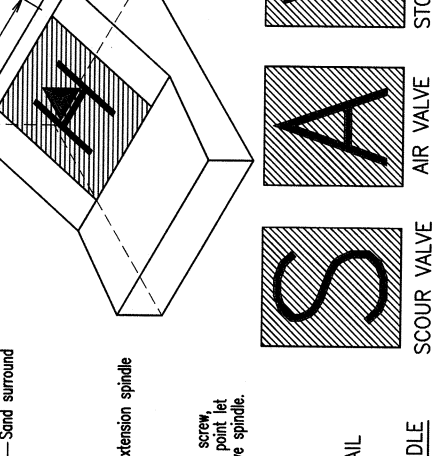
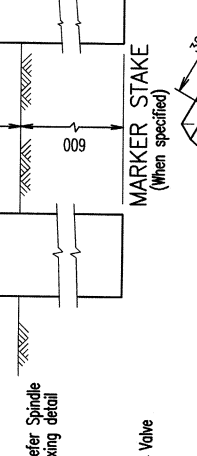


- NOTES**
1. Marker plate to be fastened to fence, pole or stake. Additional half size markers shall be adhered to kerb face, adjacent to hydrant or valve.
  2. Marker plate letters and figures painted in black enamel on white enamel background except for Fire Hydrant markers, where a reflective yellow background, Class 1, shall be used.
  3. For Sewerage installations, background for Stop, Scour and Air Valves shall be red enamel.
  4. Stake to be CCA treated hardwood. Upper section of stake shall be primed, undercoated and finished with Watty 'Saffron Yellow' or similar colour.
  5. Hydrants tees and risers to be DCL.
  6. Hydrants and valves to be coated with thermosetting epoxy powder to AS 3952 and AS 2638.
  7. All bolts stainless steel to AS 2837/316.
  8. Refer project documentation for valve box type, as per Standard Drawing W-0061.
  9. Service Authority may require valve pits on mains Ø450 or larger.
  10. All galvanizing to AS 1650.
  11. Reinforcing bars Grade 400 to AS 1302.
  12. All dimensions in millimetres.
  13. Hydrant covers to be painted yellow.
  14. Valve covers to be painted red.
  15. Pavement delineation of hydrants and valves to be in accordance with Traffic Engineering manual - Pavement Marking Technical Guide line.



<b>WATER SERVICES</b>		<b>WATER SERVICES</b>		<b>WATER SERVICES</b>	
EXECUTIVE MANAGER MACKAY WATER SERVICES REF: 7506		DATE 27/5/09 JASON DEVITT		DRAWING NO. A3-00837	
WSAA NO. N/A		DATE OF LAST EDIT April 2, 2009		AMEND. <b>B</b>	
SURVEY FILE No N/A		JOB No MCA-55		SHEET 1 OF 1	
LEVEL DATUM A.H.D.		MERCIDIAN		STANDARD DRAWING HYDRANT AND VALVE INSTALLATION	
APPRD.		DESCRIPTION		Mackay REGIONAL COUNCIL	

DRAWING FILE NAME M:\ES\TS\Design\Projects\STD-DWG\MACKAY WATER\WSAA MRC\WAT CODE\A3-837A		DATE OF LAST EDIT April 2, 2009		JOB No MCA-55	
SURVEY FILE No N/A		LEVEL DATUM A.H.D.		MERCIDIAN	
DATE		DESCRIPTION		Mackay REGIONAL COUNCIL	
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