



**NOTES:**

1. THIS ARRANGEMENT IS NOT REQUIRED WHERE THE VALVE IS BOLTED TO A TEE ON EXISTING MAIN.
2. THRUST BLOCK DIMENSIONS SUITABLE FOR ALLOWABLE HORIZONTAL BEARING PRESSURE ('AHBP') OF SOIL OF 100kPa OR GREATER. FOR LOWER AHBP, REFER TO THE WATER SERVICES ASSOCIATION OF AUSTRALIA DRAWING WAT-1205.
3. PUDDLE FLANGE THRUST BLOCK TO EXTEND BELOW BASE OF TRENCH FOR A MINIMUM OF 600mm FOR DN300 OR DN375 PIPE OR MINIMUM OF 900mm FOR DN450. PUDDLE FLANGE THRUST BLOCK TO EXTEND INTO SIDE WALLS OF TRENCH FOR A MINIMUM OF 300mm FOR DN200 TO DN300 OR A MINIMUM OF 450mm FOR DN375 OR DN450.
4. 6mm TAR IMPREGNATED FELT TO BE PLACED BETWEEN FITTING AND CONCRETE.
5. USE GALVANISED BOLTS AND APPLY THREE PART OR FOUR PART PETROLATUM TAPE SYSTEM THEN COVER FLANGE WITH TWO LAYERS OF POLYETHYLENE SLEEVING INDIVIDUALLY INSTALLED AND FASTENED.
6. USE TEE WITH DN80 OR DN100 BRANCH WHERE AVAILABLE. OTHERWISE, FACE BRANCH OF TEE TO SIDE AND CONSTRUCT AS PER W1-2-03A 'HYDRANT RELOCATION IN NATURE STRIP'.
7. FOR THRUST BLOCKS USE MINIMUM OF GRADE N25 CONCRETE.
8. REINFORCEMENT - MINIMUM COVER 50mm. HORIZONTAL: Y16 AT 140mm CENTRES, VERTICAL: Y12 AT 150mm CENTRES. CUT BARS LESS THAN 300mm MAY BE OMITTED.

3RD ANGLE  
REPORT ANY ERRORS TO DRAFTING OFFICE

**DRAWING SERVICES**  
Power and Water Corporation  
NORTHERN TERRITORY

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	PUDDLE FLANGE CHANGED, DIMENSIONS CHANGED.	RG1	JUN'10	R.J.	R.J.
AMENDMENTS					

**PowerWater**  
NORTHERN TERRITORY

DES	R. JENNINGS	WATER STANDARD DRAWING			
DRN	R. INNES	<b>MAINLAYING</b>			
CKD	R. JENNINGS	<b>TEMPORARY DEADENDS</b>			
APPD	J. PUDNEY	<b>DN100-DN450</b>			
SCALE	1:10	A3	DRAWING NUMBER	W1-2-19	
ISSUED	JUN'07			DRAWING NUMBER	
ALL DIM.	IN mm	DRAWING NUMBER		W1-2-19	
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT	