



NUMBER OF METERS	MANIFOLD TYPE TABLE
2	REFER TO STD DRG W1-1-29
3	1 x 4 TAPPING MANIFOLD
4	1 x 4 TAPPING MANIFOLD
5	1 x 6 TAPPING MANIFOLD
6	1 x 6 TAPPING MANIFOLD
7	2 x 4 TAPPING MANIFOLD
8	2 x 4 TAPPING MANIFOLD
9	1 x 4 AND 1 x 6 TAPPING MANIFOLD
10	1 x 4 AND 1 x 6 TAPPING MANIFOLD
11	2 x 6 TAPPING MANIFOLD
12	2 x 6 TAPPING MANIFOLD

- NOTES:**
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
  - COPPER ALLOY SHALL BE DEZINCIFICATION RESISTANT (DR) TO AS 2345.
  - USE SILVER BRAZING ALLOY (MIN 2% SILVER TO AS 1167.1) FOR ALL CAPILLARY JOINTING OF COPPER PIPES AND FITTINGS OR ALTERNATIVELY, FOR HORIZONTAL JOINTS ABOVE GROUND PRESS FITTINGS MAY BE USED.
  - ONLY POWER AND WATER (OR ITS AUTHORISED CONTRACTORS) ARE PERMITTED TO TAP EXISTING IN-SERVICE (LIVE) MAINS OR MAINS THAT HAVE BEEN HYDROSTATICALLY TESTED, WITHIN LICENSED AREAS UPON PAYMENT OF THE NECESSARY FEES. POWER AND WATER WILL PERFORM TAPPING OF LIVE MAINS. HOWEVER, EXCAVATION, ALL MATERIALS AND INSTALLATION SHALL BE SUPPLIED BY THE CONTRACTOR.
  - FOR DETAILS OF APPROVED PRODUCTS USED ON THIS DRAWING, REFER TO THE WATER AND SEWERAGE INFRASTRUCTURE PRODUCTS MANUAL.
  - ON COMPLETION OF WATER SERVICE, PROVIDE BRASS PLUG FITTED TO METER TAP OUTLET.
  - ALL MULTI-METERING PROPOSALS ARE SUBJECT TO POWER AND WATER APPROVAL. REFER CUSTOMER HANDOUT ON MULTI-METERING.
  - THE NUMBER OF PROPERTY OFFTAKES PER MANIFOLD SHALL BE A MINIMUM OF THREE AND A MAXIMUM OF TWELVE (USE TWO MANIFOLDS FOR SEVEN OR MORE OFFTAKES).
  - FOR TWO OFFTAKES, REFER TO STD DRG W1-1-29A.
  - TO ENSURE INTEGRITY AND STABILITY OF THE WATER METER INSTALLATION CONNECTION TO THE COPPER RISER AND FIRST 1000mm OF THE CUSTOMER'S SERVICE MUST BE A BRAZED JOINT COMPLYING WITH NOTE 3.
  - NO OTHER SERVICES TO BE INSTALLED BETWEEN WATER SERVICE AND PROPERTY BOUNDARY.
  - MINIMUM CLEARANCE TO OTHER SERVICES SHALL BE 300mm.
  - FOR CONNECTION TO MAINS, REFER TO STD DRG W1-1-23.
  - IDENTIFY EACH PROPERTY OFFTAKE WITH A 50 x 50 x 2 ALUMINIUM PLATE IDENTIFICATION TAG WITH PROPERTY NUMBER STAMPED IN 10mm HIGH LETTERS. DRILL METER TAP HANDLE AND CONNECT TAG WITH SPLIT RING OR 3mm GALVANISED WIRE.
  - PROTECTIVE GUARD NOT REQUIRED IF PROPERTY BOUNDARY IS FENCED. LENGTH OF PROTECTIVE GUARDS VARIES AND SHALL BE 400 GREATER THAN LENGTH OF METER ASSEMBLIES.
  - DIMENSION SHOWN IS ABOVE THE WATER METER CENTRELINE.
  - CONCRETE SHALL BE GRADE N25 MINIMUM (MAX AGGREGATE SIZE 20mm).
  - FOR SEVEN OR MORE OFFTAKES, PROVIDE THREE SUPPORTS.
  - FOR MULTIPLE METER OFFTAKES, REFER TO TYPE TABLE.
  - USE COPPER OR STAINLESS STEEL 25/20 REDUCING BUSH IN THE MANIFOLD OFFTAKES FOR DN20 METERS.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
5	GENERAL AMENDMENTS 2020.	PW	JULY'20	JR	DC
4	VALVE CHANGED & NOTE AMENDED.	AW	APR'13	RJ	RJ
3	OPTION A PLAN REMOVED, NOTES AMENDED.	AJM	MAR'11	RJ	RJ
2	MAJOR AMENDMENT TO ABOVE GROUND MANIFOLD.	RGI	NOV'08	RJ	JP
1	BACKFLOW PREVENTION DEVICE INCLUDED.	KI	OCT'06	-	JP

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**PowerWater**  
NORTHERN TERRITORY

DES	KP	WATER STANDARD DRAWING	
DRN	AD	SERVICES	
CHK	NMcC	MULTI METERING, MANIFOLD ASSEMBLY	
APPD	NMcC	DN20 METERS FOR RESIDENTIAL	
SCALE	N.T.S.	A3	DRAWING NUMBER W1-1-18A
ISSUED	NOV'99		
ALL DIM. IN mm			5
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	