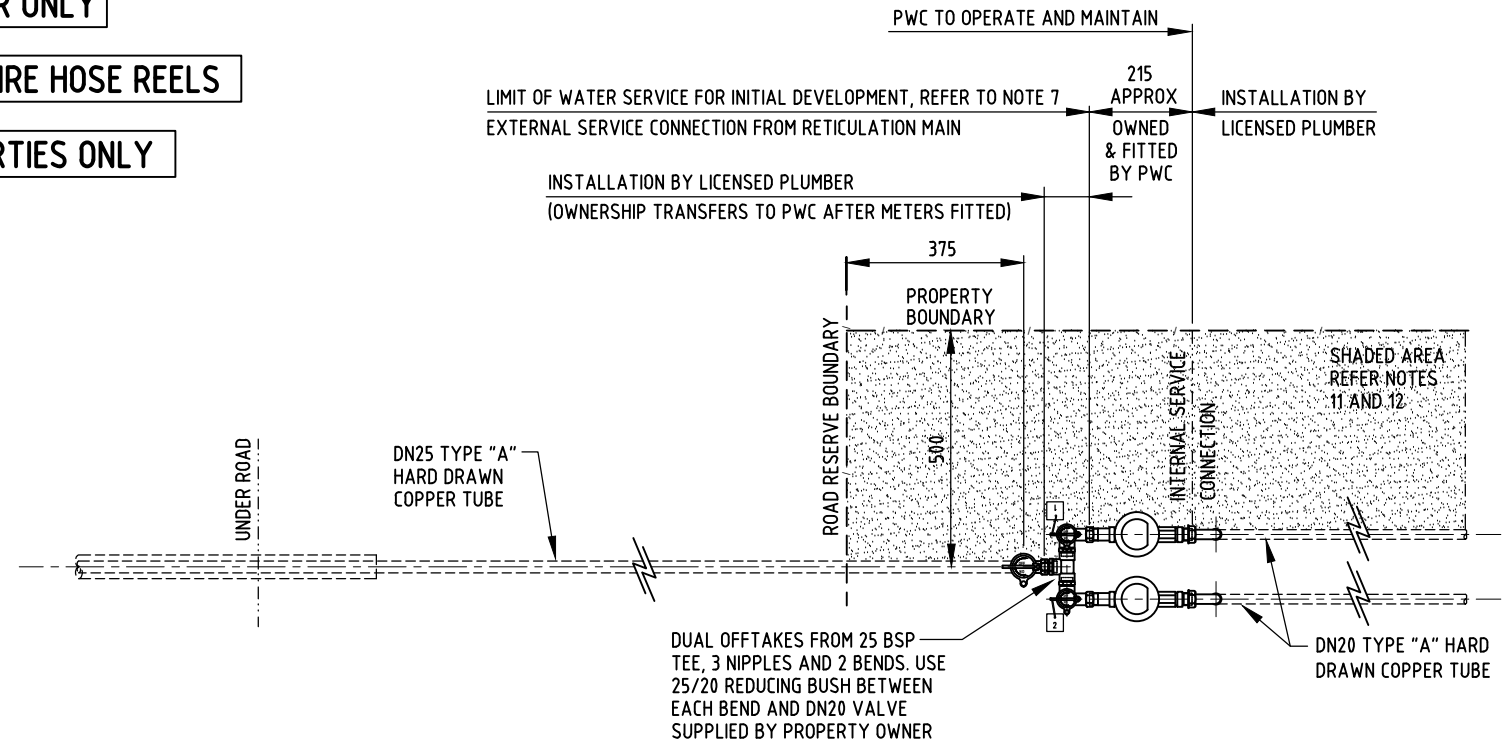


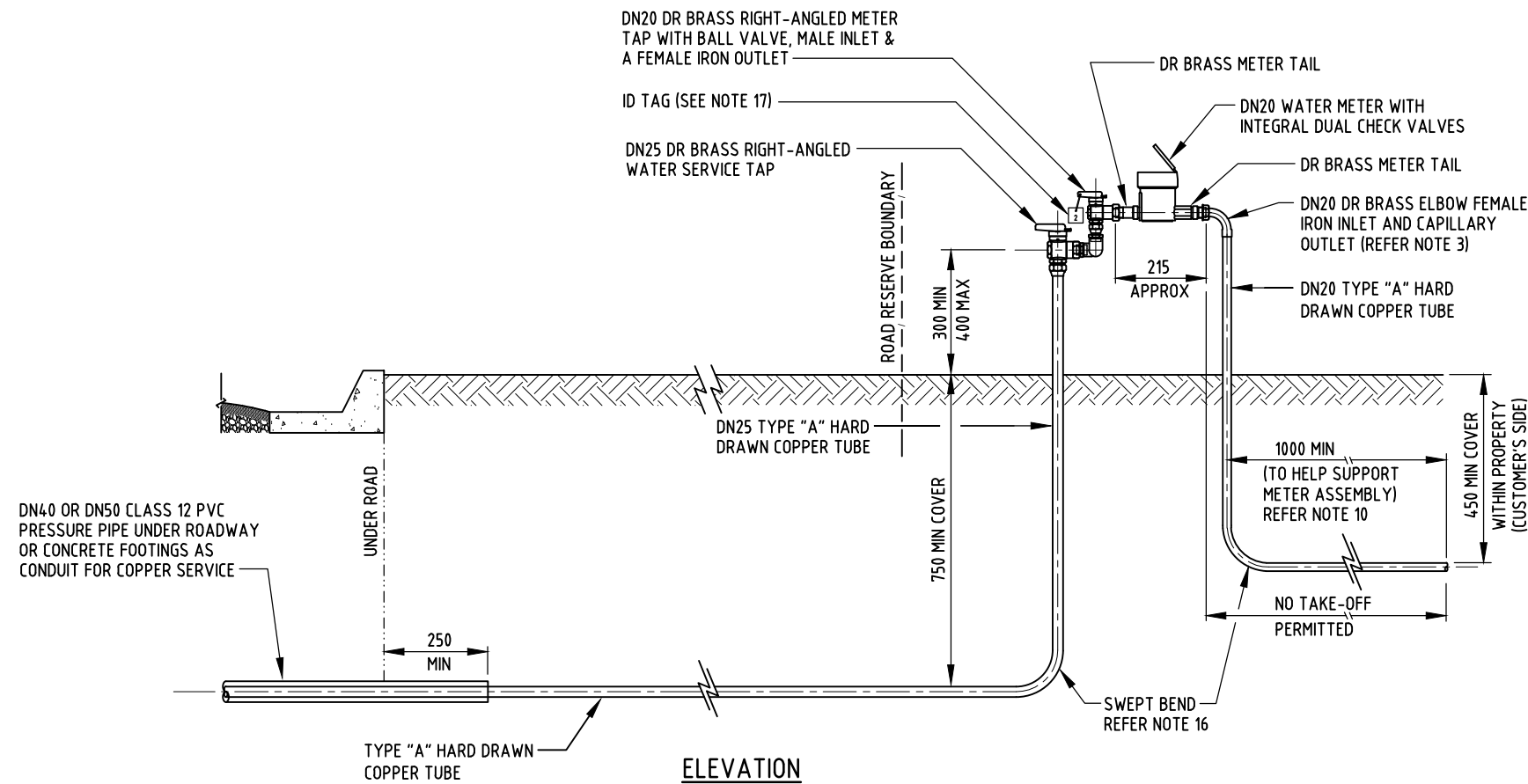
FOR POTABLE WATER ONLY

NOT FOR USE WITH FIRE HOSE REELS

RESIDENTIAL PROPERTIES ONLY



PLAN



ELEVATION

NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- COPPER ALLOY SHALL BE DEZINCIFICATION RESISTANT (DR) TO AS2345.
- 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.
- THE METER ASSEMBLY SHALL BE HORIZONTAL.
- ONLY PWC (OR ITS AUTHORISED CONTRACTORS) ARE PERMITTED TO TAP EXISTING, IN-SERVICE (LIVE) MAINS OR MAINS THAT HAVE BEEN HYDROSTATICALLY TESTED. WITHIN LICENSED AREAS AND UPON PAYMENT OF THE NECESSARY FEES, PWC WILL PERFORM TAPPING OF LIVE MAINS, HOWEVER, EXCAVATION, ALL MATERIALS AND INSTALLATION SHALL BE SUPPLIED BY THE CONTRACTOR.
- ALL PIPES, VALVES AND FITTINGS MUST BE WATER MARK APPROVED.
- ON COMPLETION OF WATER SERVICE, PROVIDE BRASS PLUG FITTED TO METER TAP OUTLET.
- NON-METALLIC MATERIALS AND FITTINGS SHALL NOT FORM PART OF WATER METER ASSEMBLY.
- BACKFLOW CERTIFIED PLUMBER IS REQUIRED TO DETERMINE THE RISK OF CONTAMINATION OF THE POTABLE WATER SUPPLY DUE TO CROSS CONNECTIONS, REFER AS/NZS3500.1. WHERE MEDIUM OR HIGH HAZARD RISKS ARE IDENTIFIED, DISCUSS REQUIREMENTS WITH PWC.
- TO ENSURE INTEGRITY AND STABILITY OF THE WATER METER INSTALLATION ANY CONNECTION TO THE COPPER RISER OF THE CUSTOMER'S SERVICE AND THE FIRST UNDERGROUND 1000mm OF THE CUSTOMER'S SERVICE MUST USE A BRAZED JOINTS COMPLYING WITH NOTE 3.
- NO OTHER UTILITY SERVICES (EG. COMMUNICATIONS, POWER, SEWER) TO BE INSTALLED BETWEEN WATER METER AND PROPERTY BOUNDARY.
- MINIMUM CLEARANCE TO OTHER SERVICES SHALL BE 300mm.
- WHERE SIDE BOUNDARY OF PROPERTY ADJACENT TO WATER METER IS NOT PERPENDICULAR TO ROAD RESERVE BOUNDARY, INSTALL WATER METER PARALLEL TO SIDE BOUNDARY.
- NUT AND TAILS FOR METER INSTALLATION SUPPLIED BY POWER AND WATER.
- PRESSURE TEST WATER SERVICE AT 1000kPa FOR 30 MINUTES (NO PRESSURE LOSS PERMITTED) USING WATER CHLORINATED TO A MINIMUM CHLORINE CONCENTRATION OF 25mg/L (REFER POWER AND WATER WATER SERVICE CONNECTIONS FROM 20mm AND GREATER). ENSURE PIPEWORK IS FLUSHED OUT AFTER THE TEST FOR A MINIMUM OF FIVE MINUTES.
- SWEPT BEND TO BE FORMED USING PIPE BENDER OR BENDING SPRING WITH A BEND RADIUS GREATER THAN FIVE TIMES THE OUTSIDE DIAMETER OF THE COPPER TUBE.
- IDENTIFY EACH PROPERTY OFFTAKE WITH A 50x50x2 ALUMINIUM PLATE IDENTIFICATION TAG WITH UNIT NUMBER STAMPED IN 10mm HIGH LETTERS. WIRE TAG TO METER TAP WITH 3mm GALVANISED WIRE.
- WHERE A CONCRETE PATH OR SLAB IS CAST UNDER THE METER, PROVIDE A BREAK-OUT SECTION BETWEEN 600x300 AND 1500x600 FOR FUTURE ACCESS TO BURIED PIPEWORK.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	GENERAL AMENDMENTS 2020.	PW	JULY'20	JR	DC
3	NOTES AND DETAILS CHANGED.	AW	JUNE'18	JR	DC
2	TITLE NOTES CHANGED.	AW	APRIL'13	RJ	DC
1	NOTE 8 AMENDED, 'POTABLE WATER ONLY' NOTE ADDED. GENERAL AMENDMENTS.	AJM	MAR'11	RJ	RJ
AMENDMENTS					



DES	NC	WATER STANDARD DRAWING	
DRN	RI	SERVICES	
CHK	RJ	DN25 WATER SERVICE - COPPER	
APPD	JP	DN20 METERS FOR RESIDENTIAL DUPLEX - LOW HAZARD	
SCALE	N.T.S.	A3	DRAWING NUMBER W1-1-29
ISSUED	NOV'08		4
ALL DIM. IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	
		AMDT	