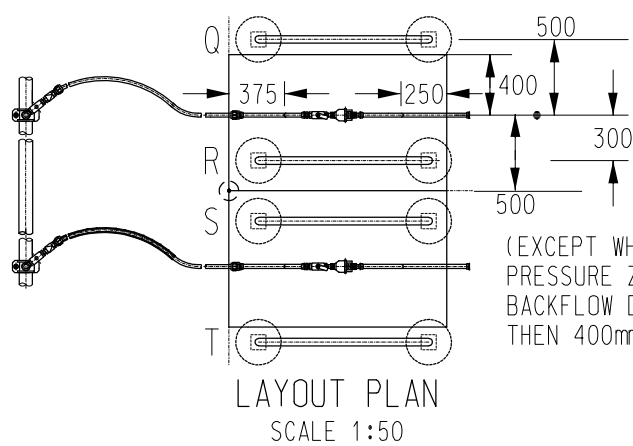


PLANS SCALE 1:15  
(SHOWING EXTRA SLACK IN PE - WHEN INSTALLING UNDER ROADWAY ENSURE PE SERVICE HAS SLACK AT EACH END OF THE CONDUIT)

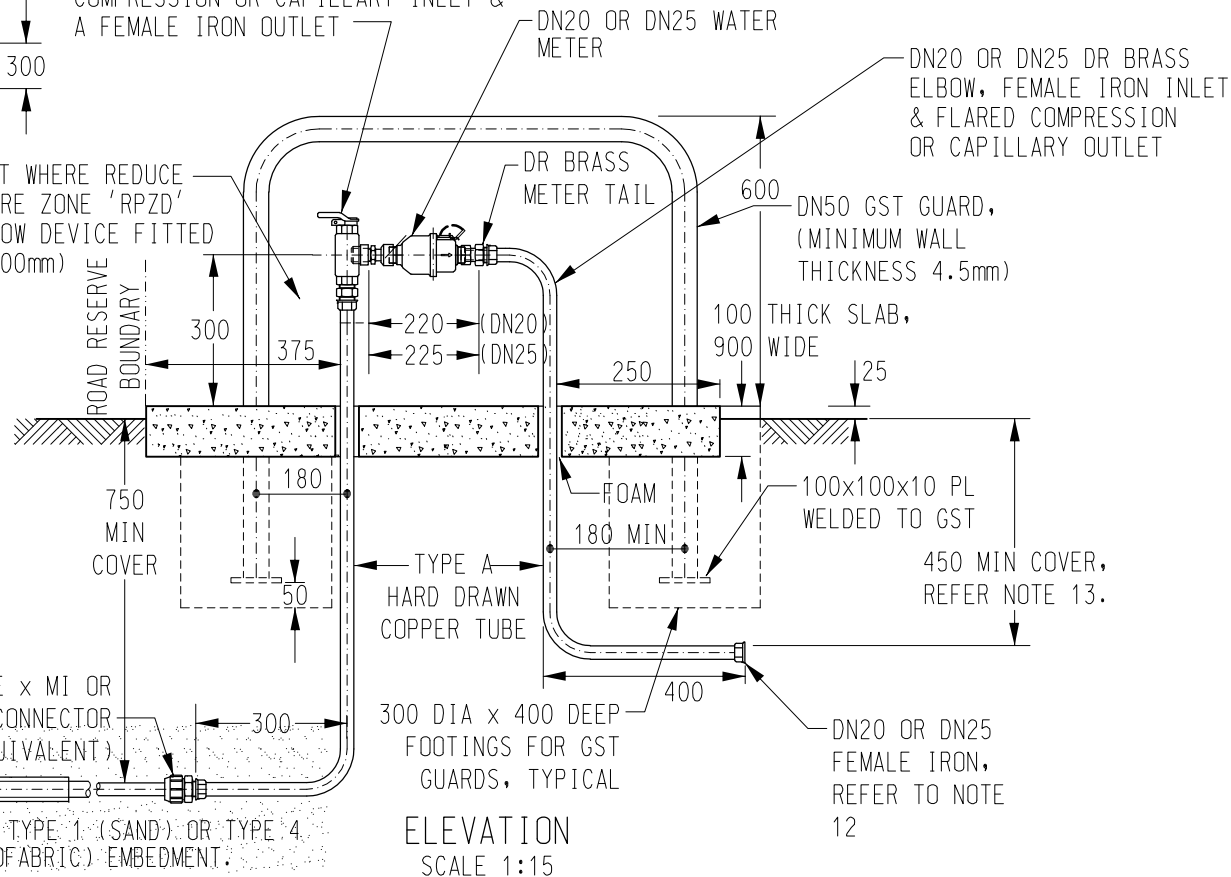
SPECIFIED NOM SIZE	COPPER DN	PE DN
DN	DN	DN
20	20	25
25	25	32

GST GUARDS AT R OR S ARE NOT REQUIRED IF THE PROPERTY IS FENCED ON THE ROAD RESERVE AND PROPERTY BOUNDARIES GST GUARDS AT R OR S ARE NOT REQUIRED IF GST GUARDS Q AND T ARE INSTALLED



DN20 OR DN25 DR BRASS RIGHT ANGLED METER TAP WITH BALL VALVE, FLARED COMPRESSION OR CAPILLARY INLET & A FEMALE IRON OUTLET

(EXCEPT WHERE REDUCE PRESSURE ZONE 'RPZD' BACKFLOW DEVICE FITTED THEN 400mm)



SS25 ELBOW, SS 25 BALL VALVE (REMOVE HANDLE), SS 25 SWING CHECK, 32x25 PE x MI CONNECTOR. (DO NOT USE PE MAIN COCK)

APPROVED TAPPING SADDLE

NOTES

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- PE80B OR PE100 PE PIPE IN BLACK WITH BLUE STRIPES SHALL BE CLEARLY MARKED TO AS4130 . PN12 OR GREATER PRESSURE RATING.
- COPPER ALLOY SHALL BE DEZINCIFICATION RESISTANT (DR) TO AS 2345.
- NO WORK ON WATER CONNECTIONS MAY COMMENCE UNTIL THE CONTRACTOR HAS POWER AND WATER APPROVED COPIES OF THE SITE SERVICES PLAN AND "WATER AND SEWER CONNECTION APPLICATION FORM - REMOTE OPERATIONS" PAID ALL FEES.
- ONLY CONTRACTORS AUTHORISED BY POWER AND WATER ARE PERMITTED TO TAP EXISTING, IN-SERVICE (LIVE) MAINS OR MAINS THAT HAVE BEEN HYDROSTATICALLY TESTED. THE CONTRACTOR SHALL SUPPLY ALL MATERIAL AND UNDERTAKE INSTALLATION INCLUDING EXCAVATIONS, BACKFILLING AND REINSTATEMENT. THE WATER METER WILL BE SUPPLIED BY REMOTE OPERATIONS
- THE PROPERTY OWNER IS REQUIRED TO DETERMINE THE RISK OF CONTAMINATION OF THE POTABLE WATER SUPPLY DUE TO CROSS CONNECTIONS AND WHERE MEDIUM HAZARD AND HIGH HAZARD RISKS ARE IDENTIFIED (REFER AS/NZS3500), PROVIDE APPROPRIATE BACKFLOW DEVICES.
- 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 OUTLET.
- WHERE SEPARATE BACKFLOW DEVICES ARE FITTED BY THE LAND OWNER IN ACCORDANCE WITH NOTE 6 ABOVE, WATER METERS DO NOT REQUIRE INTEGRAL DUAL CHECK VALVES.
- PE PIPES AND FITTINGS SHALL NOT BE USED IN AREAS CONTAMINATED OR EXPECTED TO BE CONTAMINATED BY PETROLEUM BASED PRODUCTS, SUCH AS SOLVENT FOR TERMITE/PEST CONTROL TREATMENT OR PAINT.
- THE EDGE OF CONCRETE METER PAD IS TO ALIGN WITH PROPERTY ROAD AND SIDE BOUNDARY.
- PE SERVICE PIPE IS TO BE INSTALLED AS A CONTINUOUS LENGTH OF PIPE WITH NO JOINS.
- MIN COVER TO SERVICE: 450 WITHIN PROPERTY BOUNDARY, 750 ELSEWHERE.
- USE SILVER BRAZING ALLOY (MIN 2% SILVER TO AS1167.1 FOR ALL CAPILLARY JOINTING OF COPPER PIPES AND FITTINGS.
- MINIMUM 100mm EMBEDMENT AND 150mm OVERLAY, TYPE 1 OR TYPE 4 MATERIAL FOR FULL LENGTH OF SERVICE CONNECTION.

DIGITAL HORIZONS

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NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	GENERAL AMENDMENTS	TJK	15/03/17	N.M.	PWC
0	NEW-ISSUED FOR PWC	K.I.	24/1/12	R.H.	PWC
AMENDMENTS					



DES	R.HUTCHINS	WATER STANDARD DRAWING	
DRN	K.IBBOTT	REMOTE OPERATIONS SERVICE	
CKD	R.HUTCHINS	DN20 OR DN25 - ABOVE GROUND METER	
APPD	PWC	POLYETHYLENE - COPPER	
SCALE	1:15	WATER SERVICE - NONCORROSIVE CONDITIONS	
ISSUED	JAN'12	A3	DRAWING NUMBER ROW1-1-425
ALL DIM.	IN mm		
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	

