



MINIMUM COVER IN PUBLIC AREAS

Location	Minimum Cover Measure below ground surface level in mm
Unpaved	450
Paved or Road Surface	450
Solid Rock	300

Table 5.3 as given in A.S.3500.1:2003

- ① Remove poly end cap if applicable.
- ② Poly Fitting, DN 25 Poly - 20 MI.
- ③ Copper Compression Fitting, 20 FI - 20 copper compression.
- ④ Copper Riser Pipe Inlet, 20mm Class B, 1 x Radius Bend.
- ⑤ Copper Compression Fitting, 20 Compression - 20 MI.
- ⑥ Lockable RA Ball Cock, 20mm FI - FI.
- ⑦ Water Meter Tail Fitting, 20mm MI - 20mm Meter Compression.
- ⑧ Water Meter, 20mm including dual check.
- ⑨ Copper Riser Pipe Outlet, 20mm Class B, 2 x Radius Bends.
- ⑩ Plain end, seal with electrical tape to prevent ingress.

NOTES:

- 1. Ball valves must be Q.W.R.C. Joint Committee Approved.
- 2. Ball valves shall be made from brass or gunmetal and shall have a chrome plated ball.
- 3. 20mm I.D. Ball Valves shall have BSP threaded male and female ends.
- 4. All Polyethylene Pipes and Fittings shall be CLASS 12.5 or 16 in Accordance with AS/NZS 4130 and AS/NZS 4129 respectively, refer to applicability table for details.
- 5. * Alignment for existing connections will vary according to the area. Replacement connections and meters will align with existing property line connection.
- 6. NO GALVANIZED FITTINGS TO BE USED.
- 7. All dimensions in millimetres

APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	No	Yes	No	Yes	No
Poly Pipe and Class	PN12.5	PN12.5		PN12.5		PN12.5	
Applicable DWG	CMDG-W-091						

REVISIONS	DATE
J POLY PIPE CLASS AMENDED FOR LSC	09/2023
I 32/40mm ADDED & GRC APPLICABILITY CHANGE	01/2022
H IRC ADDED	11/2016
G GRC APPLICABILITY CHANGE	03/2015
F GRC AND LSC ADDED	09/2014
E RRC AMENDMENTS	09/2014

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Capricorn Municipal Development Guidelines
Incorporating:
Banana Shire Council (BSC) Maranoa Regional Council (MRC)
Central Highlands Regional Council (CHRC) Rockhampton Regional Council (RRC)
Gladstone Regional Council (GRC) Isaac Regional Council (IRC)
Livingstone Shire Council (LSC)

**20, 25, 32 & 40mm
WATER METER DETAILS
ABOVE GROUND**

WATER	
STANDARD DRAWING	A3
CMDG-W-093	
REV.	E F G H I J