



WSA 02 Gravity Sewerage Code of Australia

2020 Bega Valley Shire Addendum



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Part 1: Planning and Design

Section 4 – Products and Materials

Subsection 4.1 – General

Council's primary preference for material is plain walled rubber ring jointed SN8 uPVC, with plain walled SDR 11 PE 100 HDPE being the other acceptable material for sewerage pipes.

Subsection 4.15 – Access Covers and Frames

Council approves for use concrete and polymer manholes and maintenance chambers. Maintenance shafts are not approved for use. All products proposed must have obtained WSAA approval.

Subsection 4.15.6 Size and Configuration

All MH and MC covers shall have a circular DN600 opening.

Section 5 – Detail Design

Subsection 5.2.8 – Easements

The width of easements will be 3 metres and shall be established in all lots under private ownership.

Subsection 5.3.5 – Maintenance structures and vent shafts

A minimum of 1.5 metres clearance shall be provided around all maintenance structures and the bases of vent shafts.

Subsection 5.3.8 – Horizontal Curves in Sewers

Manual cold bending and manufactured bends are not permitted by Council. All bending in pipes shall occur in manholes, or as long radius cumulative deflections at elastomeric seal joints. Where Horizontal, vertical or compound curves are used in the sewer main, a minimum of 5 sub centimetre accurate points shall be GPS located along the curve, one at each end and three along the length of the curve.

Section 6 – Property Connection

Subsection 6.3.1 – General

Council uses the buried interface method of property connections.

Subsection 6.3.3 – Buried interface method

Council utilises variation a of the buried interface method but requires a developer to construct the private plumbing in accordance with the current standard drawing to facilitate easier development of the lot in the future.

Subsection 6.3.4 – Typical layouts of sewers and general arrangements for property sewers

Council's typical layout can be found on the sewer connection standard drawing. Type 1, type 2 and type 4 property connections are approved for use in the Bega Valley Shire.

Subsection 6.6.2 Type 7 spur or Y property sewer connections

Type 7 spur connections are not permitted in the Bega Valley Shire.

Section 7 Maintenance Structures

Subsection 7.1 Types of Maintenance Structures

Maintenance shafts are not permitted for use. Terminal Maintenance Shafts are to be provided for end of line structures. Inspection shafts may be approved under special circumstances.

Subsection 7.6.2 – Types of MH Construction

Preformed PP and PE MH's are the preferred products for new MH's. All products must have a WSAA approval for use in the Bega Valley Shire.

Table 7.5

Verges and footways in Industrial and Commercial zones are permitted to be Class B maintenance structure covers.

Inaccessible public areas in public reserves are permitted to have Class B maintenance structure covers.

Subsection 7.11 Other maintenance structures at interface of property connection sewers and sanitary drains

No other structures are required

Section 8 Ancillary Structures

Subsection 8.2 – Water seals

All maintenance structures shall be provided with a water sealing ring to stop water inflow due to inundation

Subsection 8.2.1 Boundary traps on Sanitary Drains

Boundary traps are not to be installed in Council operated systems.