



Pr11051 - Use of X Type Maintenance Holes Technical Note

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References this technical note complements or modifies	WSA 02 WSA Gravity Sewerage Code of Australia - SEQ Edition - Version 2.1 (September 2021). (SEQ Sewer Code) Gravity Sewerage Mains Standard Drawings SEQ-SEW-1301-14 to SEQ-SEW-1301-25

1. Purpose

This Technical Note has been prepared to provide direction to Unitywater personnel and Unitywater design consultants, Contractors and private certifiers on the use of X type maintenance holes in NuSewers systems within the Unitywater service area.

2. Scope

Table 7.3A Minimum MH Diameters of the SEQ Sewer Code allows the use of X type Maintenance Holes in Nusewer systems under certain circumstances. SEQ Sewer Code Standard Drawings SEW-SEQ-1301-14 to SEW-SEQ-1301-25 are related to the X Type Maintenance Hole design details, however they do not permit use by Unitywater.

3. Definitions/Acronyms

Term	Meaning
N/A	No definitions to define

4. Requirements

Future revisions of the SEQ Sewer Code Standard Drawings SEW-SEQ-1301-14 to SEW-SEQ-1301-25 will permit the use of X Type Maintenance Holes in the NuSewer system within the Unitywater service area. All proposed maintenance structures regardless of the method of construction must meet code requirements in relation to design life also considering the safety of the structure during the construction phase, the operation and decommissioning if and when that may occur. The future revision of the drawings will have the following limitations.

4.1. Ladders

Unitywater does not require ladders or step irons to be included within the Type X Maintenance Chambers. Ingress and egress from structures will require the use of Davit arms and Harnesses as appropriate.

In the next revision of the SEQ Sewer Code, the relevant SEQ Code drawings will be modified to add note removing this requirement for Unitywater.

4.2. Safety Chains:

Unitywater does not require Safety Chains to be included within the Type X Maintenance Chambers. Ingress and egress from structures will require the use of Davit arms and Harnesses as appropriate.

In the next revision of the SEQ Sewer Code, the relevant SEQ Code drawings will be modified to add note removing this requirement for Unitywater.