



CONSTRUCTION OVER & ADJACENT STORMWATER, SEWER & WATER MAINS

Summary:

The purpose of this policy is to provide clear direction for construction/building techniques required to protect Council's assets

Policy	2.030
File Number	N/A
Document version	Version 3.0
Adoption Date	23 June 2021
Approved By	Council
Endorsed By	Executive Management Team
Minute Number	134/21
Consultation Period	N/A
Review Due Date	June 2024 – 3 years
Department	Director of Infrastructure
Policy Custodian	Manager Asset and Program Planning
Superseded Documents	23 August 2017; 26 March 2014
Related Legislation	Work Health and Safety Act 2011, amended 2013
Delegations of Authority	Chief Executive, Directors, Managers

1. Overview

The policy is to protect assets and provide safe access to (Storm, Sewer and Water) pipes/mains in a corridor of 3m

2. Policy Principles

(Insert Information)

3. Policy Objectives

Protection of Staff and Assets.

4. Policy Statement

No construction is permitted within 1.5m either side of an underground Council service main for Stormwater, Sewer or Water, or within a zone extending from 45 degrees either side of the pipe from the pipe invert to the ground surface (refer figure 1), whichever is the greater.

The reason for the specified exclusion zone is to necessitate safe access. The 45 degree zone of influence is to allow Council to bench excavations 1:1 as required by Workplace Health and Safety legislation.

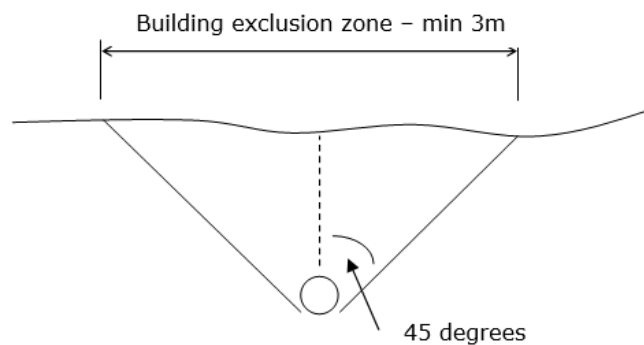


Figure 1 – Schematic of Exclusion Zone

There is potential that excavations adjacent to an existing sewer main could present a risk of land slip or erosion of soil providing cover and/or side support to the sewer main.

Any proposed excavation adjacent to an existing sewer main should not disturb the assets zone of stability.

The zone of stability shall be determined by extending a line at an angle of 3 (horizontal) to 1 (vertical) to the surface, starting from a point 1 metre from the pipes centreline and the minimum cover over the pipe, as shown in Figure 2.

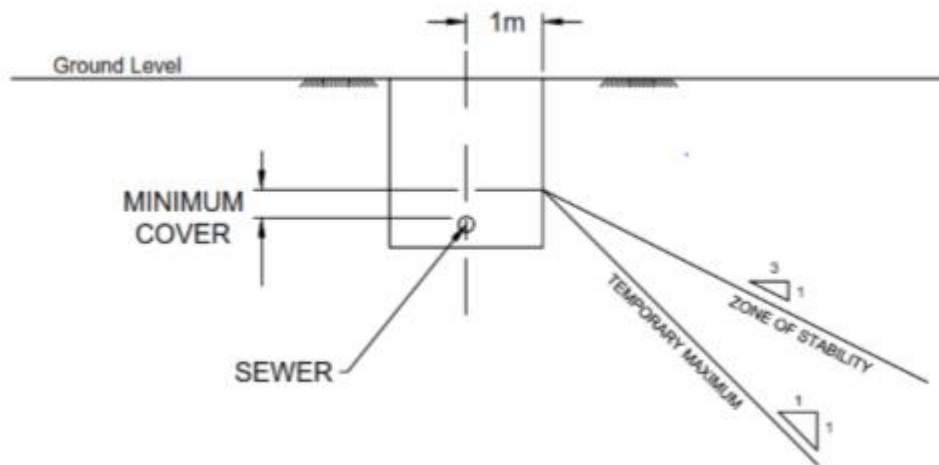


Figure 2 – Schematic Zone of Stability

5. Scope

(Insert Information)

6. Accountability, Roles & Responsibility

Elected Council

Adoption of policy

General Manager, Executive and Management Teams

Adoption and support of policy

Management Oversight Group

Continue to support and implement policy

Manager Asset and Program Planning

Responsible for ensuring compliance with Policy, Regulation and guidelines.

7. Definitions

Nil

8. Related Documents, Standards & Guidelines

Work Health and Safety Act 2011, amended 2013

9. Version Control & Change History

Version	Date	Modified by	Details
V1.0	26/03/14	Council	Adoption of Original Policy (Res No. 77/14)
V2.0	23/08/17	Council	Review/Amended (Res No. 168/17)
V3.0	23/06/21	Council	Review/Amended (Res No. 134/21)