



## 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

|                                 |   |
|---------------------------------|---|
| <b>Policy</b>                   | 2.030   |
| <b>File Number</b>              | CM/163  |
| <b>Document version</b>         | Version 4.0                                   |
| <b>Adoption Date</b>            | 21 December 2022                              |
| <b>Approved By</b>              | Council                                       |
| <b>Endorsed By</b>              | Executive Management Team                     |
| <b>Minute Number</b>            | 248/22  |
| <b>Consultation Period</b>      | N/A   |
| <b>Review Due Date</b>          | June 2024 – 3 years                           |
| <b>Department</b>               | Director of Infrastructure                    |
| <b>Policy Custodian</b>         | Manager Asset and Program Planning            |
| <b>Superseded Documents</b>     | 23 June 2021                                  |
| <b>Related Legislation</b>      | Work Health and Safety Act 2011, amended 2013 |
| <b>Delegations of Authority</b> | 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)

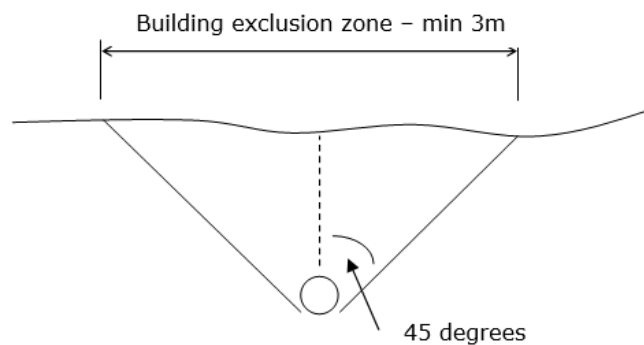
## 3. Policy Objectives

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.

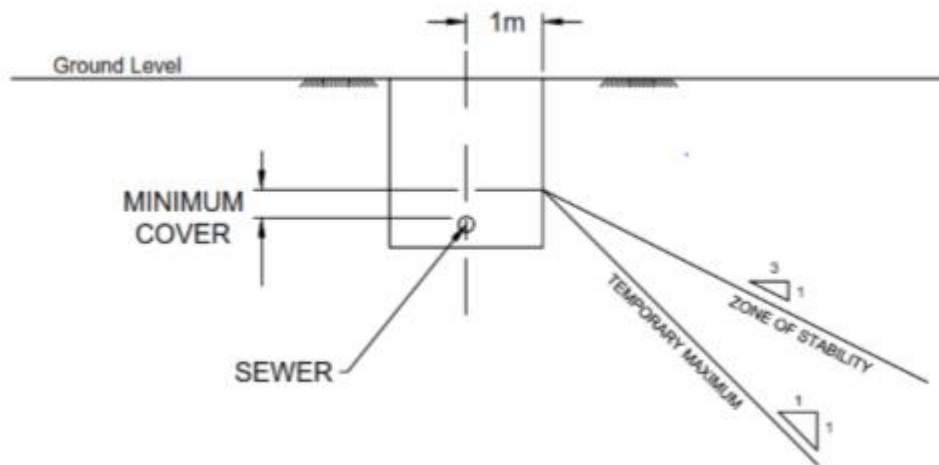


**Figure 1 – Schematic of Exclusion Zone**

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)             |
| V4.0    | 21/12/22 | Council     | Re adoption of Policy (Res No. 248/22)      |