

Part 1 - General

1.01 Description

- .1 This Section outlines additional requirements related to site safety.

1.02 Related Specifications

- .1 Construction Specification Section 02315 - Trenching, Backfilling and Compacting
- .2 Construction Specification Section 02318 - Excavation, Backfilling and Compacting for Structures
- .3 Occupational Health and Safety Act, R.S.O. [1990] and Construction Regulation 213/91

Part 2 - Products Not Applicable

Part 3 - Execution

1.01 Protection of Open Trenches and Excavations

- .1 In addition to the provisions of Sections 02315 and 02318 and Ontario Regulation 213/91 made under the Occupational Health and Safety Act, R.S.O. [1990], and in particular Part III - Excavations, employ the following protection measures for trenches and excavations left open at the end of the work day or where, during any work day, a trench or excavation is left unattended by the Contractor.
- .2 Where the public has access to the perimeter of an excavation, install a barrier at least 1.1 m high around the complete perimeter of the excavation. Vertical supports must be secure, have a spacing of not more than 1.1 m and be a minimum distance of 300 mm from the top of the wall of the excavation. The barrier shall include a fencing fabric, with openings not exceeding 100 mm, securely attached to the vertical supports at the top, center and bottom and spacing not exceeding 100 mm. If the excavation is greater than 0.3 m in depth, install toe board with the fencing fabric securely fastened to it to prevent persons from slipping under the fabric and into the excavation. If an excavation is adjacent to a sidewalk

- or an area commonly used by the public as a walkway or recreation area, the fencing fabric shall be a metal mesh.
- .3 Where an excavation is greater than 1.0 m in depth, and the public has access to the perimeter, signs shall be posted indicating “Danger Due to Excavation”.
 - .4 Ensure barriers are in good condition and stable prior to vacating the project at the end of each work day.
 - .5 A Crowd Control Barrier meeting the requirements of Region Standard S-301.030 will be deemed an acceptable barrier for this purpose provided the barriers are satisfactorily secured to the ground so that they cannot be moved.

END OF SECTION