

Part I General**I.1 REFERENCES**

- .1 Canadian Standards Association (CSA)
 - .1 CSA S350-M1980 (R2003), Code of Practice for Safety in Demolition of Structures.
- .2 Department of Justice Canada (Jus)
 - .1 Canadian Environmental Assessment Act (CEAA), 1995, c. 37.
 - .2 Canadian Environmental Protection Act (CEPA), 1999, c. 33.
 - .1 Transportation of Dangerous Goods Act (TDGA), 1992, c. 34.

I.2 DEFINITIONS

- .1 Hazardous Materials: Dangerous substances, dangerous goods, hazardous commodities and hazardous products, include but not limited to poisons, corrosive agents, flammable substances, ammunition, explosives, radioactive substances, or materials that endanger human health or environment if handled improperly.

I.3 ADMINISTRATIVE REQUIREMENTS

- .1 Pre-Installation Meetings:
 - .1 Convene pre-installation meeting one week prior to beginning work of this Section, with Contractor's Representative and Departmental Representative, in accordance with Section 01 31 19 - Project Meetings to:
 - .1 Verify project requirements.
 - .2 Verify existing site conditions adjacent to demolition work.
 - .3 Co-ordination with other construction sub-trades.
 - .2 Hold project meetings as directed by Departmental Representative.
 - .3 Ensure key personnel attend.
 - .4 Departmental Representative will provide written notification of change to meeting schedule established upon contract award 24 hours prior to scheduled meeting.
- .2 Scheduling:
 - .1 Employ necessary means to meet project time lines without compromising specified minimum rates of material diversion.
 - .1 In event of unforeseen delay notify Departmental Representative in writing.

I.4 SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures and Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Shop Drawings:

- .1 Submit for review and approval demolition drawings, diagrams, or details showing sequence of demolition work and supporting structures and underpinning.
- .2 Submit demolition drawings stamped and signed by professional engineer registered or licensed in Province of Manitoba, Canada.

I.5 QUALITY ASSURANCE

- .1 Regulatory Requirements: Ensure Work is performed in compliance with CEPA, CEAA, TDGA, and applicable Provincial and Municipal regulations.

I.6 EXISTING CONDITIONS

- .1 If material resembling spray or trowel applied asbestos or other substance listed as hazardous be encountered in course of demolition, stop work, take preventative measures, and notify Departmental Representative immediately. Proceed only after receipt of written instructions from Departmental Representative.
- .2 Structures to be demolished are based on their condition, at time of examination prior to tendering.
- .3 Remove, protect, and store salvaged items as directed by Departmental Representative. Salvage items as identified by Departmental Representative.

Part 2 Products

Not used.

Part 3 Execution

3.1 PREPARATION

- .1 Protection of in-place conditions:
 - .1 Support affected structures and, if safety of structure being demolished appears to be endangered, take preventative measures, stop Work, and immediately notify Departmental Representative.
 - .2 Prevent debris from blocking elevators and mechanical and electrical systems that must remain in operation.

3.2 DEMOLITION

- .1 Perform demolition work in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.
- .2 Remove contaminated or dangerous materials as defined by authorities having jurisdiction, relating to environmental protection, from site and dispose of in safe manner to minimize danger at site or during disposal.
- .3 Prior to start of Work remove contaminated or hazardous materials as directed by Departmental Representative from site and dispose of at designated disposal facilities in safe manner and in accordance with TDGA and other applicable requirements. Refer to Existing Conditions in PART I of this Section.

- .4 Remove existing equipment, services, and obstacles where required for refinishing or making good of existing surfaces, and replace as work progresses.
- .5 At end of each day's work, leave Work in safe and stable condition.
- .6 Demolish to minimize dusting. Keep materials wetted as directed by Departmental Representative.
- .7 Contain fibrous materials to minimize release of airborne fibres while being transported within facility.
- .8 Remove and dispose of demolished materials except where noted otherwise and in accordance with authorities having jurisdiction.
- .9 Use natural lighting to perform Work where possible.
- .1 Shut off lighting except as required for security purposes at end of each day.

END OF SECTION