

Part 1 General**1.1 RELATED SECTIONS****1.2 REFERENCES**

- .1 Canadian Standards Association (CSA International).
 - .1 CSA S350-M1980(R2003). Code of Practice for Safety in Demolition of Structures.

1.3 SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Before proceeding with demolition of structure or other walls and where required by authority having jurisdiction, submit for review by Departmental Representative a complete set of shoring and underpinning drawings prepared by Qualified Professional Engineer registered or licensed in the Province of Ontario, showing proposed method.

1.4 QUALITY ASSURANCE

- .1 Ensure Work is performed in compliance with CSA S350 and applicable provincial regulations.
- .2 Meetings:
 - .1 Prior to start of Work arrange for site visit with Departmental Representative to examine existing site conditions adjacent to demolition work.
 - .2 Hold project meetings every week.
 - .3 Ensure key personnel including site supervisor, project manager, Contractors and WMC attend.
- .3 Departmental Representative will provide written notification of change to meeting schedule established upon award 24 hours prior to scheduled meeting.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Prior to beginning any On-Site work, submit detailed Waste Reduction Workplan in accordance with Section 01 74 21 - Construction / Demolition Waste Management and Disposal.
- .2 Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction / Demolition Waste Management and Disposal.

1.6 EXISTING CONDITIONS

- .1 Review "Designated Substance Report" and take precautions to protect environment.
- .2 Should materials resembling spray or trowel applied asbestos, PCB's, Mould or other designated substance listed as hazardous be encountered in course of

DEMOLITION FOR MINOR WORKS

deconstruction, stop work, take preventative measures, and notify Departmental Representative immediately. Do not proceed until written instructions have been received. Refer to Section 01 35 29.06 - Health and Safety Requirements.

- .3 Structures to be demolished to be based on their condition at time of examination prior to tendering.

Part 2 Products**2.1 EQUIPMENT**

- .1 Leave equipment and machinery running only while in use, except where extreme temperatures prohibit shutting down.
- .2 Where possible, use water efficient wetting equipment, trucks or attachments when minimizing dust.
- .3 Demonstrate that tools are being used in manner which allows for salvage of materials in best condition possible.

Part 3 Execution**3.1 PREPARATION**

- .1 Do Work in accordance with Section 01 35 29.06 - Health and Safety Requirements.
- .2 Inspect building with Departmental Representative and verify extent and location of items designated for removal, disposal, alternative disposal, recycling, salvage and items to remain.
- .3 Investigate site and structure to determine dismantling, processing and storage logistics required prior to beginning of Work.
- .4 Obtain necessary permits and approvals. Provide copies to Departmental Representative prior to start of Work on site and within 24 hours of written request.
- .5 Locate and protect utilities. Do not disrupt active or energized utilities traversing premises or designated to remain undisturbed.
- .6 Immediately notify Departmental Representative and utility company concerned in case of damage to any utility or service, designated to remain in place.

3.2 PROTECTION

- .1 Keep noise, dust, and inconvenience to adjacent properties and occupants to minimum.
- .2 Protect building systems, services and equipment.
- .3 Provide temporary dust screens, covers, railings, supports and other protection as required.

DEMOLITION FOR MINOR WORKS

- .4 Prevent debris from blocking streets, and restricting normal site drainage systems.

3.3 HAZARDOUS WASTES

- .1 During construction, immediately notify the Departmental Representative if suspected hazardous substances are encountered. Do not disturb suspected hazardous substances. Await direction from the Departmental Representative.
- .2 Refer to Section 01 14 25 - Designated Substance Report for materials identified as Hazardous.

3.4 SITE REMOVALS

- .1 Remove items as indicated.

3.5 DISASSEMBLY

- .1 Materials removed are property of Contractor.
- .2 Ensure workers and Contractors are trained to carry out work in accordance with appropriate deconstruction techniques.
- .3 Deconstruct in accordance with CSA S350 and other applicable safety standards.
- .4 Workers must utilize adequate fall protection including certified harness and belay systems where Departmental Representative considers it necessary.

3.6 DEMOLITION

- .1 Remove existing equipment, services, and obstacles where required for refinishing or making good of existing surfaces, and replace as work progresses.
- .2 At end of each day's work, leave Work in safe and stable condition.
- .3 Demolish to minimize dusting. Keep materials wetted as approved by Departmental Representative.
- .4 Separate from waste stream, material designated for alternate disposal or in condition suitable for reuse and/or recycling.

3.7 PROCESSING

- .1 Designate location for processing of materials which eliminates double handling and provides adequate space to maintain efficient material flow.
- .2 Keep processing area clean and free of excess debris.
- .3 Separate processed materials into organized piles for stockpiling. Provide collection area for materials processed or designated for alternate disposal.

3.8 STOCKPILING

- .1 Label stockpiles, indicating material type and quantity.

DEMOLITION FOR MINOR WORKS

- .2 Designate appropriate security resources/measures to prevent vandalism, damage and theft.
- .3 Locate stockpiled materials convenient for use in new construction. Eliminate double handling wherever possible.

3.9 REMOVAL FROM SITE

- .1 Transport material designated for alternate disposal to approved facilities, or receiving organizations listed in waste reduction workplan and in accordance with applicable regulations. Do not deviate from facilities or receiving organizations listed in waste reduction workplan without prior written authorization from Departmental Representative.
- .2 Dispose of materials not designated for alternate disposal in accordance with applicable regulations. Disposal facilities must be approved of and listed in waste reduction workplan. Do not deviate from disposal facilities listed in waste reduction workplan without prior written authorization from Departmental Representative.

3.10 CLEANING AND RESTORATION

- .1 Keep site clean and organized throughout deconstruction.
- .2 Upon completion of project, remove debris, trim surfaces and leave work site clean.
- .3 Upon completion of project, reinstate areas, parking surfaces, walkways, light standards, affected by Work to condition which existed prior to beginning of Work and to match condition of adjacent, undisturbed areas.

END OF SECTION