

Approved: 2010-12-31

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Not used

1.2 REFERENCE STANDARDS

- .1 General instructions
- .2 Canadian council of ministers of the environment (CCME)
 - .1 PN 1327-2003, Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum Products and Allied Petroleum Products
- .3 Canadian Standards Association (CSA)/CSA International
 - .1 CSA S350-M1980 (R2003), Code of Practice for Safety in Demolition of Structures.

1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Shop Drawings
 - .1 Submit data sheets and shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 The submitted shop drawings must bear the seal and signature of a qualified engineer recognized or licensed to practice in Canada, in the province of Quebec.
- .3 When requested by competent authorities, submit shoring and bracing drawings of loadbearing walls or other walls to Departmental Representative for approval prior to commencing demolition work. These drawings must be prepared by a qualified engineer, licensed to practice in Canada, in the province of Quebec, and must illustrate the proposed method of work.

1.4 SITE CONDITIONS

- .1 Review "Designated Substance Report" and take precautions to protect environment.
- .2 If material resembling spray or trowel-applied asbestos or other designated substance listed as hazardous be encountered, stop work, take preventative measures, and notify Departmental Representative immediately.
 - .1 Proceed only after receipt of written instructions have been received from Departmental Representative.
- .3 Notify Departmental Representative and Contracting Authority before disrupting building access or services.

Part 2 Products

2.1 MATERIALS AND EQUIPMENT

- .1 Stop equipment, tools and machinery when not in use unless extreme temperature conditions require uninterrupted operation.
- .2 Demonstrate that tools, equipment and machinery are used to recover materials in the best condition possible.

Part 3 Execution

3.1 PREPARATORY WORK

- .1 Protection
 - .1 Take the necessary measures to prevent the displacement, subsidence or damage in any other way of utilities, adjacent structures and parts of the building to keep. Provide shoring and bracing of structures as required.
 - .2 Minimize dust and noise generated by the work as well as inconvenience to occupants.
 - .3 Protect appliances, mechanical and electrical installations of the building and utilities.
 - .4 Provide dust screens, tarpaulins, railings, support elements and other necessary protective devices.
- .2 Disconnect and redirect electrical, telephone and telecommunications lines. Provide warning markings on electrical lines and equipment that must remain energized during demolition work to power other structures.
- .3 Identify and protect utility lines. Do not touch utility lines that are in use or live and that pass through and should not be moved.

3.2 DEMOLITION, RECOVERY AND DISPOSAL

- .1 Dismantle parts of the existing building which removal is necessary to allow the construction of the new structure.
- .2 Refer to requirements and demolition drawings for materials to be recovered for reuse.
- .3 Remove items for reuse / re-use and store as directed by Owner and replace in accordance with drawings and specifications.
- .4 Re-cut the edges of partially demolished components of the building to the tolerances specified by Departmental Representative to facilitate the installation of new elements.
- .5 Unless otherwise indicated, remove the removed materials to the appropriate recycling facilities in accordance with the requirements of the competent authorities.
- .6 In accordance with hygiene regulations, use products to exterminate rodents and vermin.

3.3 PARTIAL DEMOLITION OR A WORK

- .1 Demolish as indicated.

- .2 Remove equipment, piping and other equipment that hinders the reconditioning or repair of existing structures and re-install them as work progresses.
- .3 At the end of each shift, ensure that no work can collapse. Close any parts of the building that is not demolished to protect the interior from the elements at all times.
- .4 Demolish to raise as little dust as possible and wet materials as directed by Departmental Representative.
- .5 Do not sell or burn demolition materials on site.
- .6 Collect contaminated or hazardous materials as defined by the competent authorities for environmental protection, and dispose of the site with all necessary safety precautions.
- .7 Owner reserves the right to recover certain demolition materials that he deems necessary to recover

3.4 DEPOSIT

- .1 Take appropriate security measures and allocate sufficient resources to prevent theft, vandalism and deterioration of materials.
- .2 Deposit materials in a location suitable for reuse / re-use in new construction. Eliminate double handling as much as possible.

3.5 CLEANING AND RESTORATION OF PREMISES

- .1 Keep the site clean and in good order for the duration of the demolition work.
- .2 Once the work is completed, restore the areas affected by the work to a condition corresponding to that of the undisturbed adjacent surfaces.

END OF SECTION

