

**Part 1 General**

**1.1 REFERENCES**

- .1 Canadian Council of Ministers of the Environment (CCME)
  - .1 PN 1326-July 2005, Environmental Code of Practice for aboveground and underground tank systems containing petroleum products and allied petroleum products.
- .2 Canadian Standards Association (CSA International)
  - .1 CSA S350-M1980(R2003), Code of Practice for Safety in Demolition of Structures.

**1.2 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Shop Drawings:
  - .1 Provide shop drawings and product data in accordance with Section 01 33 00 - Submittal Procedures.
- .3 Prior to beginning of Work on site submit detailed Waste Reduction Work plan in accordance with Section 01 74 22 and indicate:
  - .1 Descriptions of and anticipated quantities of materials to be salvaged, reused, recycled and landfilled.
  - .2 Schedule of demolition.
  - .3 Number and location of dumpsters.
  - .4 Anticipated frequency of tippage.
  - .5 Name and address of waste facilities or waste receiving organizations.

**1.3 SITE CONDITIONS**

- .1 Review designated substance report and take precautions to protect environment.
- .2 Should material resembling spray or trowel-applied asbestos or other designated substance be encountered, stop work, take preventative measures, and notify Departmental Representative immediately.
  - .1 Do not proceed until written instructions have been received from Departmental Representative.

**Part 2 Products**

**2.1 EQUIPMENT**

- .1 Leave equipment and machinery running only while in use, except where extreme temperatures prohibit shutting down.

- .2 Demonstrate that tools and machinery 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 - Health and Safety Requirements.
- .2 Protection:
  - .1 Prevent movement, settlement, or damage to adjacent structures, utilities, to remain in place. Provide bracing and shoring required.
  - .2 Keep noise, dust, and inconvenience to occupants to minimum.
  - .3 Protect building systems, services and equipment.
  - .4 Provide temporary dust screens, covers, railings, supports and other protection as required.
- .3 Disconnect and re-route electrical, telephone and communication service lines. Post warning signs on electrical lines and equipment which must remain energized to serve other products during period of demolition.
- .4 Locate and protect utility lines. Do not disrupt active or energized utilities traversing premises, designated to remain undisturbed.
- .5 Disconnect and cap designated mechanical services.
  - .1 Sewer and water lines: [remove in accordance with requirements of authority having jurisdiction and as directed by Departmental Representative.
  - .2 Other underground services: remove and dispose of as directed by Departmental Representative.

#### **3.2 DEMOLITION SALVAGE AND DISPOSAL**

- .1 Remove existing building to permit new construction. Sort materials into appropriate piles for recycling.
- .2 Refer to demolition drawings and specifications for items to be salvaged for reuse.
- .3 Dispose of removed materials, to appropriate recycling facilities except where specified otherwise, in accordance with authority having jurisdiction.

#### **3.3 STOCKPILING**

- .1 Label stockpiles, indicating material type and quantity.
- .2 Designate appropriate security resources/measures to prevent vandalism, damage and theft.
- .3 Stockpile materials designated for alternate disposal in location which facilitates removal from site and examination by potential end markets, and which does not impede disassembly, processing, or hauling procedures.

**3.4 REMOVAL FROM SITE**

- .1 Transport material designated for alternate disposal to approved facilities and in accordance with applicable regulations. Do not deviate from 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.

**3.5 CLEANING AND RESTORATION**

- .1 Keep site clean and organized throughout demolition procedure.
- .2 Upon completion of project, reinstate areas affected by Work.

**END OF SECTION**