

## PART 1 - GENERAL

### 1.1 REFERENCES

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

### 1.2 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials for reuse and recycling in accordance with Section 01 35 73 - Procedures for Deconstruction of Structures.

### 1.3 SITE CONDITIONS

- .1 Should material resembling spray or trowel-applied asbestos or other designated substance listed as hazardous be encountered, stop work, take preventative measures, and notify Consultant immediately.
  - .1 Do not proceed until written instructions have been received from Departmental Representative.
- .2 Notify Departmental Representative before disrupting building access or services.

## PART 2 - PRODUCTS

### 2.1 NOT USED

- .1 Not used.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- .1 Inspect building with Departmental Representative and verify extent and location of items designated for removal, disposal, alternative disposal, recycling, salvage and items to remain.
  - .2 Locate and protect utilities. Preserve active utilities traversing site in operating condition.
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- .3 Immediately notify Departmental Representative concerned in case of damage to any utility or service, designated to remain in place.
  - .1 Immediately notify the Departmental Representative should uncharted utility or service be encountered, and await instruction in writing regarding remedial action.

### 3.2 PROTECTION

- .1 Prevent movement, settlement, or damage to adjacent utilities, and parts of building to remain in place.
- .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.
- .5 Do Work in accordance with Section 01 35 29.06 - Health and Safety Requirements.

### 3.3 SALVAGE

- .1 Refer to demolition drawings and specifications for items to be salvaged for reuse.
- .2 Remove items to be reused, store as directed by Departmental Representative, and re-install under appropriate section of specification.

### 3.4 DEMOLITION

- .1 Remove parts of existing building to permit new construction. Sort materials into appropriate piles for reuse and recycling.
  - .2 Trim edges of partially demolished building elements to tolerances as defined by Consultant to suit future use.
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3.5            DISPOSAL

- .1    Dispose of removed materials, to appropriate recycling facilities except where specified otherwise, in accordance with authority having jurisdiction.

## PART 1 - GENERAL

- 1.1 References
- .1 NFC-1995 - National Fire Code of Canada 1995.
  - .2 CLC-Part IV - Canada Labour Code.
  - .3 WHIMIS-Workplace Hazardous Materials Information System (Federal Legislation Bill C-70).
  - .4 Hazardous Products Act.
  - .5 Hazardous Materials Information Review Act.
  - .6 Occupational Health and Safety Regulations Of Prince Edward Island.
  - .7 Regulations and standards currently in force for products not covered under WHMIS legislation, designed for the regulation of specific categories of products such as but not limited to:
    - .1 Explosives Act
    - .2 Atomic Energy Control Act.
- 1.2 Definitions
- .1 Dangerous Goods: Product, substance, or organism that is specifically listed or meets the hazard criteria established in Transportation of Dangerous Goods Regulations.
  - .2 Hazardous Material: Product, substance, or organism that is used for its original purpose; and that is either dangerous goods or a material that may cause adverse impact to the environment or adversely affect health of persons, animals, or plant life when released into the environment.
  - .3 Hazardous Waste: Any hazardous material that is no longer used for its original purpose and that is intended for recycling, treatment or disposal.
  - .4 Workplace Hazardous Materials Information System (WHMIS): A Canada-wide system designed to give employers and workers information about hazardous materials used in the workplace. Under WHMIS, information on hazardous materials is to be provided on container labels, material safety data sheets (MSDS), and worker education programs. WHMIS
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1.2 Definitions .4 (Cont'd)  
(Cont'd) is put into effect by a combination of federal and provincial laws.

1.3 Storage and Handling .1 Store and handle hazardous materials and wastes in accordance with applicable federal and provincial laws, regulations, codes, and guidelines.

.2 Store and handle flammable and combustible materials in accordance with current National Fire Code of Canada requirements.

.3 Observe smoking regulations at all times. Smoking is prohibited in any area where hazardous materials are stored, used, or handled.

.4 Abide by the following storage requirements for quantities of hazardous materials and wastes in excess of 5 kg for solids, and  
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litres for liquids:  
.1 Store hazardous materials and wastes in closed and sealed containers which are in good condition.  
.2 Label containers of hazardous materials and wastes in accordance with WHMIS.  
.3 Store hazardous materials and wastes in containers compatible with that material or waste.  
.4 Segregate incompatible materials and wastes.  
.5 Ensure that different hazardous materials or hazardous wastes are not mixed.  
.6 Store hazardous materials and wastes in a secure storage area with controlled access.  
.7 Maintain a clear egress from storage area.  
.8 Store hazardous materials and wastes in a manner and location which will prevent them from spilling into the environment.  
.9 Have appropriate emergency spill response equipment available near the storage area, including personal protective equipment.  
.10 Maintain an inventory of hazardous materials and wastes, including product name, quantity, and date when storage began.

.5 Ensure personnel have been trained in accordance with Workplace Hazardous Materials Information System (WHMIS) requirements.

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1.3 Storage and Handling  
(Cont'd)

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- 1.4 Transportation
- .1 Transport hazardous materials and wastes in accordance with federal Transportation of Dangerous Goods Act, Transportation of Dangerous Goods Regulations, and applicable provincial regulations.
  - .2 If hazardous waste is generated on site:
    - .1 Ensure compliance with applicable provincial laws and regulations for generators of hazardous waste.
    - .2 Use only a licensed carrier authorized by provincial authorities to accept subject material.
    - .3 Prior to shipping material, obtain written notice from intended hazardous waste treatment or disposal facility that it will accept material and that it is licensed to accept this material.
    - .4 Label containers with legible, visible safety marks as prescribed by federal and provincial regulations.
    - .5 Ensure that only trained personnel handle, offer for transport, or transport dangerous goods.
    - .6 Track receipt of completed manifest from consignee after shipping dangerous goods.
    - .7 Report any discharge, emission, or escape of hazardous materials immediately to provincial authority. Take reasonable measures to control release.

## PART 2 - PRODUCTS

- 2.1 Materials
- .1 Only bring on site the quantity of hazardous materials required to perform work.
  - .2 Maintain MSDS in proximity to where the materials are being used. Communicate this location to personnel who may have contact with hazardous materials.
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PART 3 - EXECUTION

- 3.1 Disposal
- .1 Dispose of hazardous waste materials in accordance with applicable federal and provincial acts, regulations, and guidelines.
  - .2 Recycle hazardous wastes for which there is an approved, cost effective recycling process available.
  - .3 Send hazardous wastes only to authorized hazardous waste disposal or treatment facilities.
  - .4 Burning, diluting, or mixing hazardous wastes for purpose of disposal is prohibited.
  - .5 Disposal of hazardous materials in waterways, storm or sanitary sewers, or in municipal solid waste landfills is prohibited.