

PART 1 - GENERAL

1.1 REFERENCES

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

1.2 EXISTING CONDITIONS

- .1 Should material resembling spray or trowel applied asbestos or any other designated substance be encountered in the course of demolition, stop work, take preventative measures, and notify Department Representative immediately. Do not proceed until written instructions have been received.
- .2 Structures to be demolished to be based on their condition on date that tender is accepted.
- .3 Salvage items as identified by Department Representative Remove, protect and store salvaged items as directed by Department Representative.

1.3 DEMOLITION DRAWINGS

- .1 Where required by authorities having jurisdiction, submit for approval drawings, diagrams or details showing sequence of demolition work and supporting structures and underpinning.

1.4 PROTECTION

- .1 Prevent movement, settlement or damage of adjacent structures, services, walks, paving, adjacent grades parts of existing building to remain. Provide bracing, shoring and underpinning as required. Repair damage caused by demolition as directed by Department Representative.
- .2 Support affected structures and, if safety of structure being demolished or adjacent structures or services appears to be endangered, cease operations and notify Department Representative.
- .3 Prevent debris from blocking surface drainage system, mechanical and electrical systems which must remain in operation.
- .4 Ensure that demolition work does not adversely affect adjacent watercourses, groundwater and wildlife, or contribute to excess air and noise pollution.
- .5 Fires and burning of waste or materials is

not permitted on site.

- .6 Do not bury waste or materials on site.
- .7 Do not dispose of waste or volatile materials such as mineral spirits, oil, petroleum based lubricants, or toxic cleaning solutions into watercourses, storm or sanitary sewers. Ensure proper disposal procedures are maintained throughout project.
- .8 Do not pump water containing suspended materials into watercourses, storm or sanitary sewers, or onto adjacent properties.
- .9 Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with local authorities.
- .10 Prevent extraneous materials from contaminating air beyond application area, by providing temporary enclosures during demolition work.
- .11 Cover or wet down dry materials and waste to prevent blowing dust and debris. Control dust on all temporary roads.

1.5 SCHEDULING

- .1 Ensure project time lines are met without compromising specified minimum rates of material diversion. Notify Department Representative in writing of delays.

PART 2 -PRODUCTS

- .1 N/A

PART 3 - EXECUTION

3.1 PREPARATION

- .1 Do not disrupt active or energized utilities designated to remain undisturbed.

3.2 SAFETY CODE

- .1 Do demolition work in accordance with Section 01 35 30 - Health & Safety Requirements.

3.3 DEMOLITION

- .1 Stockpile materials in a location as directed by Department Representative.
- .2 Separate from general waste stream each of following materials. Stockpile materials in neat and orderly fashion in location and as directed by Departmental Representative for

- alternate disposal. Stockpile materials in accordance with applicable fire regulations.
- .3 Supply separate, clearly-marked disposal bins for all categories of waste material.
 - .4 Provide collection areas for collection of miscellaneous metals in the area of demolition.
 - .5 Notify Department Representative in writing of any materials identified as not suitable for alternate disposal. Provide reasons prior to approval for disposal.
 - .6 Remove existing equipment, services, and obstacles where required for refinishing or making good of existing surfaces, and replace as work progresses.
 - .7 At end of each day's work, leave work in safe and stable condition. Protect interiors of parts not to be demolished from exterior elements at all times.
 - .8 Demolish to minimize dusting. Keep materials wetted as directed by Department Representative.
 - .9 Dispose of materials as directed by Department Representative.
 - .10 Removal from site.
 - .1 Remove stockpiled material as directed by Department Representative when it interferes with operations of project construction.
 - .2 Remove stockpiles of like materials by an alternate disposal option once collection of materials is complete.
 - .3 Contain all fibrous materials (e.g. Insulation) to minimize release of airborne fiber while being transported within facility.
 - .4 Ensure that these materials will not be disposed of in landfill or waste stream destined for landfill.
 - .11 Remove and dispose of demolished materials except where noted otherwise and in accordance with authorities having jurisdiction.

- .12 Environmental:
 - .1 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.
- .13 Prior to the start of any demolition work remove contaminated or hazardous materials as defined by authorities having jurisdiction, from site and dispose of at designated disposal facilities.
- .14 Use natural lighting to work by wherever possible. Shut of all lighting except those required for security purposes at the end of each day.
- .1 Record off-site removal of debris and materials and provide following information regarding removed materials to Department Representative within 24 hours.
 - .1 Time and date of Removal.
 - .2 Description of Material.
 - .3 Weight and Quantity of Materials.
 - .4 Breakdown of reuse, recycling and landfill quantities.
 - .5 End Destination of Materials.

3.4 REPORTING

END OF SECTION