

STRUCTURE DEMOLITION**PART 1 GENERAL****1.1 SECTION INCLUDES**

- .1 Methods and procedures for demolition of structures, parts of structures, basements and foundation walls and includes abandonment and removal of septic tanks and tanks containing petroleum products.

1.2 RELATED SECTIONS

- .1 Section 01 11 00 – Summary of Work
- .2 Section 01 35 29.06 - Health and Safety Requirements
- .3 Section 01 52 00 – Construction Facilities
- .4 Section 01 56 00 - Temporary Barriers and Enclosures
- .5 Section 01 74 21 – Construction/Demolition Waste Management and Disposal

1.3 REFERENCES

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

1.4 QUALITY ASSURANCE

- .1 Prior to start of Work arrange for site visit with Departmental Representative to examine existing site conditions adjacent to demolition work.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials in accordance with Section 01 74 21 – Construction/Demolition Waste Management and Disposal.

1.6 EXISTING CONDITIONS

- .1 Should material resembling spray or trowel applied asbestos or any other designated substance be encountered in course of demolition, stop work, take preventative measures, and notify Departmental 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 Departmental Representative. Remove, protect and store salvaged items as directed by Departmental Representative. Deliver to Owner as directed.

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PART 2 PRODUCTS (NOT APPLICABLE)**PART 3 EXECUTION****3.1 PREPARATION**

- .1 Do work in accordance with 01 35 29.06 – Health and Safety Requirements.

3.2 SAFETY CODE

- .1 Do demolition work in accordance with Section 01 56 00 – Temporary Barriers and Enclosures.

3.3 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. Protect interiors of parts not to be demolished at all times.
- .3 Demolish to minimize dusting. Keep materials wetted as directed by Departmental Representative.
- .4 Contain all fibrous materials (e.g. Insulation) to minimize release of airborne fiber while being transported to waste disposal site or alternative disposal location.
- .5 Only dispose of material specified by selected alternative disposal option as directed by Departmental Representative.
- .6 Ensure that these materials will not be disposed of in landfill or waste stream destined for landfill.
- .7 Remove and dispose of demolished materials except where noted otherwise and in accordance with authorities having jurisdiction.
- .8 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 minimized danger at site or during disposal.
- .9 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.

STRUCTURE DEMOLITION**3.4 STOCKPILING**

- .1 Stockpile materials in a location as directed by Departmental Representative.
- .2 Designate appropriate security resources/measures to prevent vandalism, damage and theft.
- .3 Separate from general waste stream, and stockpile in neat and orderly fashion, any materials required for alternate disposal, as required by aythorities and as directed by Departmental Representative. Stockpile materials in accordance with applicable fire regulations.
- .4 Supply separate, clearly-marked disposal bins for all categories of waste material. Do not remove bins from site until inspected and approved by Departmental Representative.

3.5 REMOVAL FROM SITE

- .1 Notify Departmental Representative in writing of any materials identified as not suitable for alternate disposal. Provide reasons prior to approval for disposal.
- .2 Dispose of materials as directed by Departmental Representative.
- .3 Remove stockpiled material as directed by Departmental Representative when it interferes with operations of project construction.
- .4 Remove stockpiles of like materials by an alternate disposal option once collection of materials is complete.
- .5 Transport material designated for alternate disposal in accordance with applicable regulations.
- .6 Dispose of materials not designated for alternate disposal in accordance with applicable regulations.

3.6 COORDINATION

- .1 Coordinate alternative disposal activities with Departmental Representative's on site waste diversion representative.

END OF SECTION