

Part 1 General

1.1 Related Requirements	.1	Section 01 35 33 – Health and Safety Requirements.
	.2	Section 01 35 43 – Environmental Procedures.
	.3	Section 01 56 00 – Temporary Barriers and Enclosures.
	.4	Section 01 74 19 – Waste Management and Disposal.
1.2 References	.1	Definitions:
	.1	CSA International
	.1	CSA S350-M1980(R2003), Code of Practice for Safety in Demolition of Structures.
1.3 Quality Assurance	.1	Regulatory Requirements: Ensure Work is performed in compliance with applicable Provincial/Territorial and Municipal regulations.
1.4 Site Conditions	.1	Environmental protection:
	.1	Ensure Work is done in accordance with Section 01 35 43 - Environmental Procedures.
	.2	Ensure Work does not adversely affect adjacent watercourses, groundwater and wildlife, or contribute to excess air and noise pollution.
	.3	Fires and burning of waste or materials is not permitted on site.
	.4	Do not bury rubbish waste materials.
	.5	Do not dispose of waste or volatile materials including but not limited to: mineral spirits, oil, petroleum based lubricants, or toxic cleaning solutions into watercourses, storm or sanitary sewers.
	.1	Ensure proper disposal procedures are maintained throughout project.
	.6	Do not pump water containing suspended materials into watercourses, storm or sanitary sewers, or onto adjacent properties.
	.7	Control disposal or runoff of water containing suspended materials or other harmful substances in accordance as directed by the Departmental Representative.
	.8	Protect trees, plants and foliage on site and adjacent properties where indicated.
	.9	Prevent extraneous materials from contaminating air beyond application area, by providing temporary enclosures during demolition work.

- .10 Cover or wet down dry materials and waste to prevent blowing dust and debris. Control dust on all temporary roads.

1.5 Existing Conditions

- .1 Structures to be demolished are based on their condition on date that tender is accepted.
- .1 Remove, protect and store salvaged items as directed by Departmental Representative. Salvage items as identified by Departmental Representative. Deliver to Departmental Representative as directed.

Part 2 Products

2.1 Equipment

- .1 Equipment and heavy machinery:
 - .1 On-road vehicles to: CEPA-SOR/2003-2, On-Road Vehicle and Engine Emission Regulations and CEPA-SOR/2006-268, Regulations Amending the On-Road Vehicle and Engine Emission Regulations.
 - .2 Off-road vehicles to: EPA CFR 86.098-11.
- .2 Leave machinery running only while in use, except where extreme temperatures prohibit shutting machinery down.

Part 3 Execution

3.1 Preparation

- .1 Temporary Erosion and Sedimentation Control:
 - .1 Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways, according to: requirements of authorities having jurisdiction, specific to site.
 - .2 Inspect, repair, and maintain erosion and sedimentation control measures during demolition.
 - .3 Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal after completion of demolition work.
- .2 Protection of in-place conditions:
 - .1 Work in accordance with Section 01 35 43 - Environmental Procedures.
 - .2 Prevent movement, settlement or damage of adjacent structures, services, walks, paving, trees, adjacent grades, properties, parts of existing building to remain.

- .1 Provide bracing and shoring as required.
- .2 Repair damage caused by demolition as directed by Departmental Representative.
- .3 Support affected structures and, if safety of structure being demolished appears to be endangered, take preventative measures, stop Work and immediately notify Departmental Representative.
- .4 Prevent debris from entering surrounding area surface drainage system.

3.2 Demolition

- .1 Do demolition work in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.
- .2 Blasting operations not permitted.
- .3 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.
- .4 Demolish parts of structures to permit construction as indicated.
- .5 Remove obstacles where required.
- .6 Demolish to minimize dusting. Keep materials wetted as directed by Departmental Representative.
- .7 Demolish concrete walls.
- .8 Remove structural framing.
- .9 Contain fibrous materials to minimize release of airborne fibres while being transported.
- .10 Remove and dispose of demolished materials except where noted otherwise outside national park and in accordance with authorities having jurisdiction.
- .11 Use natural lighting to do Work where possible.

3.3 Cleaning

- .1 Waste Management: separate waste materials for recycling in accordance with Section 01 74 19 - Waste Management and Disposal.
 - .1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.
- .2 Divert excess materials from landfill to site approved by the Departmental Representative.
- .3 Designate appropriate security resources / measures to prevent vandalism, damage and theft.

- .4 Locate stockpiled materials convenient for use in new construction.
Eliminate double handling wherever possible.
- .5 Dispose of materials in accordance with applicable regulations.
- .1 Written authorization from Departmental Representative is
required to deviate from disposal facilities listed in Waste
Reduction Workplan.

END OF SECTION