

## **PART 1 - GENERAL**

### **1.1. RELATED SECTIONS**

1. Not applicable.

### **1.2. REFERENCES**

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

### **1.3. SUBMITTAL PROCEDURES**

1. Not applicable.

### **1.4. QUALITY ASSURANCE**

1. Requirements of regulatory agencies: ensure that all work is carried out according to all relevant provincial regulations.

### **1.5. SITE PROTECTION**

1. Protect existing structures that must remain in place and those that must be recovered. If they are damaged, replace or repair them immediately to the satisfaction of the Departmental Representative, at no charge to the Departmental Representative.
2. Remove and store, without damaging them, the materials to be recovered.
3. Store and protect materials to ensure their maximum preservation.
4. Handled salvaged materials as if they were new.

### **1.6. WASTE MANAGEMENT AND DISPOSAL**

1. Each day, remove off site the materials that are not destined to recuperation or recycling, and transport them to the designate waste disposal area.

### **1.7. ENVIRONMENTAL PROTECTION**

1. Ensure that the demolition does not clog or impede surface water drainage.
2. Ensure that the demolition produces no adverse effect on adjacent streams, the groundwater and wildlife, and they do not generate excessive levels of air pollution or noise pollution.
3. Cover solids and waste or proceed with their demolition when they are wet, to prevent lifting of dust and debris. Apply a dust suppressant on all temporary access roads.
4. Take necessary steps to prevent movement or collapse of structures, pipelines, utilities, vegetation and adjacent hard surfaces, and to prevent them from being damaged during the demolition work. If necessary, repair all structures damaged during these works.

## **PART 2 - PRODUCTS**

### **2.1. NOT APPLICABLE**

1. Not applicable.

## **PART 3 - EXECUTION**

### **3.1. PREPARATION**

1. Inspect the site and verify with the Departmental Representative, the location and extent of works to be removed, disposed of, upgraded, recycled, recovered, and those who must remain in place.
2. Mark and protect designated elements that should not be affected by construction.
3. Locate and protect utility pipes. Protect pipes remaining any services that pass through the site, in order to keep them in working order.
4. Do not cut or damage utilities that are in service or under tension.

### **3.2. SAFETY**

1. It is forbidden to resort to blasting or explosives for the execution of demolition work.
2. At the end of each work day, check the stability and safety of the structure to prevent collapse or movement of one or other of its components.
3. Execute the works according to the requirements of CSA S350 standard.

### **3.3. REMOVAL**

1. Remove the specified works, as indicated.
  1. The limestone borders to be removed remain the property of PWGSC. They must be reinstalled or ceded to PWGSC at the end of the project.
2. It is forbidden to move or otherwise disturb the structures designated to remain in place.
3. Asphalt removal.
  1. Delineate, by right-angle cuts, the surfaces that must remain in place
  2. Use a saw or other means approved by the Departmental Representative.
  3. Remove asphalt and aggregate material under the work area to the depths shown on the plans.
  4. Protect adjacent joints and surfaces.
  5. Protect aggregate materials adjacent to the work area.
4. Turf Removal.

1. Remove the layer of turf and the underlying soil, down to the level needed for proposed surfaces and their base courses.
5. Disposal.
  1. Remove demolition materials to authorized and approved facilities.
    1. Asphalt;
    2. Turf;
    3. Aggregate base courses;
    4. Underlying soil;

#### 3.4. RESTORATION

1. Restore surfaces and structures located outside the areas of demolition to the state they were in before the work began.
2. Use only soil treatment methods and products are neither harmful to health nor harmful to vegetation, and that do not endanger wildlife, watercourses and groundwater.

#### 3.5. CLEANING

1. Progress cleaning: leave work area clean at end of each day.
2. Final cleaning: upon completion remove surplus materials, rubbish, tools and equipment and proceed with cleaning.

**END OF SECTION**