

**Part 1 General****1.1 RELATED REQUIREMENTS**

- .1 Section 01 35 29 06 HEALTH AND SAFETY REQUIREMENTS
- .2 Section 01 74 21 CONSTRUCTION/DEMOLITION WASTE MANAGEMENT AND DISPOSAL
- .3 Section 014714 SUSTAINABLE REQUIREMENTS CONTRACTOR'S VERIFICATION

**1.2 REFERENCES**

- .1 Canada Green Building Council (CaGBC)
  - .1 LEED Canada-CI Version 1.0-2007, LEED (Leadership in Energy and Environmental Design): Green Building Rating System Reference Guide For Commercial Interiors.
- .2 CSA International
  - .1 CSA S350-M1980(R2003), Code of Practice for Safety in Demolition of Structures.

**1.3 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures, 01 74 21 - Construction/Demolition Waste Management Disposal.
- .2 Submit demolition drawings:
  - .1 Submit for review and approval by Departmental Representative hoarding and protection drawings stamped and signed by professional engineer registered or licensed in the Province of Ontario Canada, showing proposed method.
- .3 Elevator Partial Removal Shop Drawings.
  - .1 Engage the services of Kone Elevators for the partial removal from the 1West floor area of the two existing service elevators installed by Kone.
  - .2 Provide stamped drawings stamped by an engineer licensed in the province of Ontario indicating the full demolition and modifications required to partially remove and modify the elevator equipment and enclosure.
  - .3 Perform modifications required to the elevator, hoistway, and associated systems to reconfigure and limit the service run to the floors below 1West.
  - .4 Submit to the Departmental Representative for review.
- .4 Sustainable Design Submittals:
  - .1 LEED Canada CI Version 1.0 Submittals: in accordance with 014714 SUSTAINABLE REQUIREMENTS CONTRACTOR'S VERIFICATION
  - .2 Construction Waste Management:
    - .1 Submit project Waste Reduction Workplan highlighting recycling and salvage requirements.

- .2 Submit calculations on end-of-project recycling rates, salvage rates, and landfill rates demonstrating that 75% or more of construction wastes were recycled or salvaged.

#### **1.4 SITE CONDITIONS**

- .1 Review "Designated Substance Report" and take precautions to protect environment.
- .2 If material resembling spray or trowel-applied asbestos or other designated substance [listed as hazardous] be encountered, stop work, take preventative measures, and notify Departmental Representative immediately.
  - .1 Proceed only after receipt of written instructions have been received from Departmental Representative.
- .3 Notify Departmental Representative]before disrupting [building] access or services.

#### **Part 2 Products**

##### **2.1 NOT USED**

- .1 Not used.

#### **Part 3 Execution**

##### **3.1 EXAMINATION**

- .1 Inspect site 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.
- .3 Notify and obtain approval of utility companies before starting demolition.
- .4 Disconnect, cap, plug or divert, as required, existing public utilities within the property where they interfere with the execution of the work, in conformity with the requirements of the authorities having jurisdiction. Mark the location of these and previously capped or plugged services on the site and indicate location (horizontal and vertical) on the record drawings. Support, shore up and maintain pipes and conduits encountered.
  - .1 Immediately notify Departmental Representative and utility company concerned in case of damage to any utility or service, designated to remain in place.
  - .2 Immediately notify the[Departmental Representative should uncharted utility or service be encountered, and await instruction in writing regarding remedial action.

##### **3.2 PREPARATION**

- .1 Protection of In-Place Conditions:
  - .1 Prevent movement, settlement, or damage to adjacent parts of building, to remain in place. Provide bracing and shoring required.
  - .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, hoarding around floor openings and other protection as required.
- .5 Do Work in accordance with Section 01 35 29.06 - Health and Safety Requirements.
- .2 Demolition/Removal:
  - .1 Remove items as indicated.
  - .2 Remove parts of existing fit up to permit new construction.
  - .3 Trim edges of partially demolished building elements to tolerances as defined by Departmental Representative to suit future use.
  - .4 Remove the elevator enclosure and elevator equipment in accordance with the approved shop drawings coordinating with other demolition and installation of protective enclosures.

### **3.3 CLEANING**

- .1 Progress Cleaning: clean in accordance with Section [01 74 11 - Cleaning].
  - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
- .3 Refer to demolition drawings and specifications for items to be salvaged for reuse.
- .4 Waste Management: separate waste materials for reuse, recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
  - .1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.

**END OF SECTION**