

DIVISION 02 EXISTING CONDITIONS

Section 02 00 00 Existing Conditions

1. General

- 1.1. Refer to Part 1 Section 1 Site Planning, Part 1 Section 2 Division 01 and Divisions 31- 33 for additional design requirements related to the site.

Section 02 40 00 Demolition and Structure Moving

1 Existing buildings and surface features

- 1.1 Provide under the direction of an Engineer an existing conditions survey of buildings, trees, lawns, fencing, service poles, wires, paving, survey benchmarks, wells, monitoring wells, sewage treatment systems, monuments and any other site features which may be affected by the work.
- 1.2 Protect adjacent buildings, underground utilities, and surface features, not intended for demolition, which may be affected by work, from damage while Work is in progress.
- 1.3 Prevent debris from blocking city streets, sidewalks and drainage features.
- 1.4 Ensure safe passage of persons around the demolition area.

2 Environmental

- 2.1 Provide erosion and sediment controls to ensure no sediment leaves the work site.
- 2.2 Keep noise to acceptable levels and conduct work within normal working hours.
- 2.3 Suppress dust during demolition activities as directed by the Engineer.

3 Decommissioning of Services

- 3.1 Notify municipality and service providers of intent to decommission the site and arrange to have utilities and services disconnected.
- 3.2 Have wells decommissioned in accordance with the Nova Scotia Environment Act, Well Act Construction Regulations (Latest Edition).
- 3.3 Have onsite sewage system decommissioned in accordance with Nova Scotia Environment Act, Onsite Sewage Disposal System Regulations. (Latest Edition).

4 Disposal

- 4.1 Dispose of all regulated hazardous buildings materials and equipment in accordance with all acts, regulations, and authorities having jurisdiction at the place of work.
- 4.2 Dispose of regulated construction and demolition debris waste at a NSDOE permitted facility.
- 4.3 Dispose of non-regulated waste at a facility approved by the DTIR Representative.
- 4.4 For LEED projects all materials are to be documented as per CaGBC LEED system selected for the project by the DTIR Representative.

5 Salvage, reuse, recycling

- 5.1 Encourage salvage, recycling, and reuse of materials and equipment from any building or portion of a building to be demolished.
- 5.2 All Materials are to be documented as per CaGBC LEED system selected for the project by the DTIR Representative.

Section 02 50 00 Site Remediation

1. General

1.1. Contaminated Material

1.1.1. Ensure any material contaminated by the accidental spilling of fuel, anti-freeze, oil or grease that, in the judgement of the Consultant, may cause contamination to soil, streams or lakes, is loaded and transported to an area by the Contractor, where it can be disposed of in manner that meets all Provincial regulations. Report spills in excess of quantities outlined in Schedule A Emergency Spill Regulations to the DTIR Representative.

1.2. Contaminated Sites

1.2.1. Notify regulatory authorities of remedial activities to be conducted.

1.2.2. Utilize a recognized environmental site professional acceptable to the DTIR Representative, to oversee the remediation of contaminated sites.

1.2.3. Dispose of all contaminated soil at a DOE permitted facility in Nova Scotia or at a specialized disposal facility out of province acceptable to the DTIR Representative and the receiving province.

1.2.4. Transport and dispose of any free phase petroleum product to a NSDOE permitted

facility by a TDG trained carrier.

- 1.2.5. Conduct remedial activities in a manner that prevents detrimental environmental impacts.
- 1.2.6. Take action necessary to minimize water exposure to the contaminated area.
- 1.2.7. Contain and test water from the area of remediation to determine contaminant concentration and water disposal options.

END