

**Part 1            General**

**1.1                RELATED REQUIREMENTS**

- .1        The list of works listed in this section is indicative and non-limitative. It does not exclude works described in other sections of the specifications, shown on drawings or necessary for a complete execution of the works in the spirit of the plans.
- .2        Section 01 33 00 – Submittal procedures.
- .3        Section 01 35 92 – Special protection for historic works.
- .4        Section 01 51 00 – Temporary utilities
- .5        Section 01 52 00 –Construction facilities
- .6        Section 01 74 21 –Construction / démolition waste management and disposal
- .7        Section 06 10 00 – Rough carpentry.
- .8        Section 09 91 13 – Painting – new exterior works
- .9        Section 32 01 90.33 – Tree and shrub preservation.

**1.2                REFERENCES**

- .1        Canadian General Standards Board (CGSB)
  - .1        CGSB 1.59-97, Alkyd Exterior Gloss Enamel.
  - .2        CAN/CGSB 1.189-00, Exterior Alkyd Primer for Wood.
- .2        Canadian Standards Association (CSA International)
  - .1        CSA-O121-M1978 (R2003), Douglas Fir Plywood.

**1.3                INSTALLATION AND REMOVAL**

- .1        Provide, put in place or develop temporary accesses and protections works in order to execute the Works expeditiously.
- .2        Remove from site all such work after use.

**1.4                PALISADES**

- .1        Erect around the site temporary site enclosures conforming to the following prescriptions:
  - .1        Type 1: to use for encircling the construction area at the North of Avenue Wilfrid-Laurier and around the temporary excavation trenches.
    - .1        Mobile enclosure composed of a fence of framed panels with gauge 6 hot dipped galvanized steel rods and reinforcements folds, 2400 mm high, with hooks and fastening system with double clamps (one double clamp at the top and at the bottom of each panel)
    - .2        Provide a maximum of two (2) lockable access gates for trucks (one at the East and one at the West of construction site) and at least one (1) pedestrian door, while respecting restrictions concerning traffic on adjacent roads. Provide locks and keys for the gates.

- .3 Keep at all times, a free width of a minimum of 8 meters on Avenue Wilfrid-Laurier (in order to maintain two way traffic on Avenue Wilfrid Laurier and on Place George V – East). Free width may be reduced to a minimum of 4,5 meters (one way on Avenue Wilfrid-Laurier), for limited periods, agreed in advance and with approval of Departmental Representative. In such a case, the continuous presence of a flag-person is required, during opening hours of the worksite.
  - .1 Refer to plans of the city of Québec, joined, for exact location of the construction site palisade on Avenue Wilfrid-Laurier (for one-way and two way case).
  - .2 Refer to table « EVENTS sector Park George-V » produced by the City of Québec and joined in annex for the calendar of activities during which two way traffic must be obligatorily maintained on Avenue Wilfrid-Laurier.
- .2 Type 2: to use for encircling Place George V.
  - .1 Fixed enclosure composed of a heavy duty palisade constituted of 89 mm x 89 mm posts, construction wood framing elements of 38 mm x 89 mm disposed at 600 mm center and BC fir plywood panels, exterior type (BCF), of 1200 mm x 2400 mm x 16 mm, conforming to standard CSA O121.
  - .2 Install plywood panels vertically and assemble them end to end and flush.
  - .3 Provide only one (1) access gate for cars and only one door for pedestrians, while respecting restrictions concerning traffic on adjacent roads. Provide locks and keys for the gates.
  - .4 Finish the exterior side of the palisade with one paint primer coat conforming to standard CAN/CGSB 1.189 and two (2) coats of exterior paint conforming to standard CGSB 1.59, of white color
  - .5 Keep palisade clean during the whole duration of the works.
- .2 Refer to section 32 01 90.33 – Tree and shrub preservation, for protection measures to apply to existing plants.
- .3 Refer to drawing A002 for location of palisades of the construction site.

## **1.5 GUARD RAILS AND BARRICADES**

- .1 Provide and install secure, rigid guard rails and barricades around deep excavations, open shafts, open stair wells, open edges of floors and roofs, as required by governing authorities.

## **1.6 WEATHER ENCLOSURES**

- .1 Provide weather tight, heavy-duty and anti-intrusion closures to unfinished door and window openings, tops of shafts and other openings in floors and roofs.
- .2 Cover floor areas where walls are not finished; seal off other openings. Enclose building interior work where temporary heat is required.
- .3 Design enclosures to withstand wind pressure and snow loading.

### **1.7 DUST TIGHT SCREENS**

- .1 Provide dust tight screens or insulated partitions to close off spaces having dust generating activities, for protection of workers, of surfaces or finished areas of Work.
- .2 Maintain and relocate protection until such work is complete.

### **1.8 ACCESS TO SITE**

- .1 Provide and maintain access roads, sidewalk crossings, ramps and construction runways as may be required for access to Work.

### **1.9 PUBLIC TRAFFIC FLOW**

- .1 Provide and maintain competent signal flag operators and necessary devices required to perform Work and protect public in compliance with Volume V of the Québec Road safety code.
- .2 Conform to municipal regulations for the traffic management on Avenue Wilfrid-Laurier especially when the Avenue must be used as a one-way road.
- .3 The parking of vehicles, including temporary parking by delivery vehicles and any other hindrance to traffic will not be tolerated on adjacent roads of Place Georges V (Place George V West, Grande Allée, Place George V East and Wilfrid-Laurier)

### **1.10 FIRE ROUTES**

- .1 Maintain access to property including overhead clearances for use by emergency response vehicles.

### **1.11 PROTECTION FOR NEIGHBOURING PRIVATE AND PUBLIC PROPERTIES**

- .1 Protect surrounding private and public properties from any damages that could occur as a result from performance of Work.
- .2 Mud and rubbish which falls on the roads must be removed in less than one (1) hour. Wash immediately the roads so that they become exempt of dirt and obtain approval of Departmental Representative.
- .3 Protect landscape arrangements and plants and be careful to avoid damaging them including those located near the construction trailers and temporary storage area.
- .4 As case may occur, assume entire responsibility for caused damages.

### **1.12 PROTECTION OF BUILDING FINISHES**

- .1 During the whole duration of the works provide protection for finished and partially finished building finishes and equipment and obtain approval by Departmental Representative. Take into account the protection required to prevent damages due to the historic nature of materials and equipments.
- .2 Provide necessary screens, covers, and palisades to protect openings in existing walls, as prescribed. Remove and instal protection devices as needed. Use materials and methods which prevent contact with adjacent masonry, to approval of Departmental Representative

- .3 Three (3) days before installation of protection elements, confirm with Departmental Representative the location of each as well as the schedule of works.
- .4 As case may occur, assume entire responsibility for damages incurred due to lack of or improper protection.

**1.13 WASTE MANAGEMENT AND DISPOSAL**

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

**Part 2 Products**

**2.1 NOT USED**

- .1 Not Used.

**Part 3 Execution**

**3.1 NOT USED**

- .1 Not Used.

**END OF SECTION**