Construction Standards

1.1 Contractor's Use of Site

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Conduct .1

- The Contractor shall enforce order and discipline among workers and not employ unfit persons.
- .2 Prior to the commencement of Work, the Contractor shall become familiar with University Harassment and Smoking Policies. The Contractor is solely and entirely responsible for the implementation and enforcement of these Policies on the Site.
 - .1 University Discrimination and Harassment Policy http://www.uvic.ca/shared/shared_usec/docs/policies/GV0205_1150_.pdf
 - University Smoking Policy smoking prohibited within 10 metres of building entrances .2 structures and air intakes.
 - http://www.uvic.ca/shared/shared_usec/docs/policies/AD2405_6450_.pdf

.2 **Access to Site**

- The Contractor shall not close or obstruct streets, sidewalks, lanes or other public rights of .1 way without having first obtained required authorization from the Owner and permits from the Authorities having Jurisdiction.
- .2 The Contractor shall maintain adequate means of egress from the Project and shall not diminish, by his operations, adequate access/egress from the adjacent existing premises of the Owner.

.3 The Project Site

- .1 The Contractor shall be restricted in the use of the premises to inside the Project Site, which shall be defined by the project's perimeter hoarding. Site or other specific works outside the perimeter hoarding shall be authorized by the Project Officer.
- .2 Only commercial vehicles carrying tools or materials for the work are permitted temporarily on site. Vehicles owned by persons employed on the Work shall be parked in the University General Parking lots. Parking permits are available for longer term projects. Daily parking permits are also available at coin operated machines at the entrance roads. All persons employed on the work shall obey the Traffic and University Parking Regulations, as indicated in the document below.
 - .1 Traffic and Parking Regulations http://www.uvic.ca/shared/shared_usec/docs/policies/BP3205_6800_.pdf .

Work Hours and Restrictions .4

- Construction shall be conducted in a manner which results in the least disruption to on-going operations and the core mission of delivery of education to students.
- .2 Work on site shall be limited to the period between 7:00 and 19:00 unless special permissions are granted by the Project Officer.
- .3 The University reserves the right to restrict construction activity which is deemed to adversely interfere with the use of the university lands, premises or activities.

.5 **Contractors' Use of Elevators**

As applicable to both new and existing facilities, the Contractor is responsible to .1 adequate protection of all surfaces (use blankets, plywood liner, etc), and strictly enforce the elevator load limit. The Contractor is responsible for all construction-related damage and necessary remedies to elevators (repairs, replacement, service calls), during the course of construction.

Temporary Facilities .6

The Contractor and Sub-contractors shall provide Construction Facilities and Temporary Accommodation as they require for the performance of Work.

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.2 On a case by case basis, depending on the type of construction, project size and location, the provisions identified below may only be applicable in part and may be scaled down to suit the project.

- .1 For interior renovation projects, the Contractor's office and storage may be located within an existing facility and most utilities will be provided by the University. Confirm with FMGT.
- .2 The Consultant shall review with FMGT the items below, confirm which conditions apply, and clearly identify requirements in the Contract Documents.
 - .1 Contractor's Offices
 - .2 Equipment, Tool and Materials Storage sheds and/or trailers
 - .3 First Aid
 - .4 Sanitary Facilities
 - .5 Water Supply
 - .6 Temporary Heating, Power and Light

.7 Temporary Barriers and Enclosures

- .1 Construction Site Hoardings.
 - .1 Perimeter hoarding to be minimum 2400mm high
 - .2 Locate vehicular access lockable gates where least disruptive to street traffic. Locations shall be approved by FMGT.
- .2 Interior Barriers and Enclosures Coordinate location with FMGT:
 - .1 Provide enclosures for separating spaces in which dust-generating activities are executed, to protect workers, the public, sensitive equipment, and areas or surfaces where work has been completed.
 - .2 All work adjacent to laboratories, or other clean spaces, shall be isolated during demolition and construction work.
 - .3 The Consultant shall specify areas and required type of protections: dust, humidity, fire, smoke, sound, etc.
- .3 Partitions Enclosures
 - .1 Partitions shall be rigid (framed) slab to slab, with dust proof sealed perimeter and joints.
- .4 Containment Barrier
 - .1 Shall consist of a plastic curtain seamlessly fixed and sealed to perimeter to fully restrict dust and particles infiltration into the clean area.

.8 Site Security

- .1 The Contractor shall be responsible for construction site security.
- .2 Neither the Owner or the Consultant will be responsible for any loss or damage to materials, property or equipment of the Contractor, Sub-contractors or Sub-subcontractors.
- .3 Co-ordinate with Campus Security to inform them when authorized overtime work is to take place, and inform them of any theft or damage at the Site.

.10 Tree Protection

- .1 Existing trees that are to be retained on a construction site shall be protected.
- .2 During demolition and construction work, the area beneath the drip line shall be enclosed and protected by a fence see figure 1.



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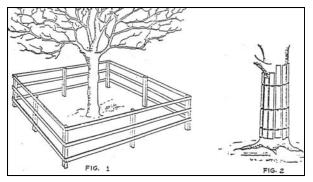


Figure 1 – Tree Protection

- .3 Activities and storage of materials and equipment within this area are prohibited. Prevent poor drainage and excessive heat. The protection fence shall:
 - .1 Be of min. 1.2 meters in height, be erected before construction starts and remain until the project's completion.
 - .2 Be constructed of orange snow fencing securely fastened to metal stakes, or 2 x 4 wood, driven into the ground. Other forms of protection must be discussed with FMGR.
 - .3 Not be lifted or removed at any time for vehicular and equipment access, to prevent soil compaction in the root zone and air depletion.
- .4 When a fenced area is impractical, wrap tree trunks with burlap protected with 19x50mm planks extending from grade to the lowest limbs see figure 2. Planks shall be placed close together and secured in place with three bands of stapled wire.
- .5 Any pruning of the branches or roots must be done by a professional Arborist, in consultation with FMGR. Storage of building materials, soil or equipment is not permitted inside the protection area.