



**.1 Design Considerations**

- .1 Typical elevator use: combined passenger and freight elevator. Design as a passenger elevator. Car shall also be capable of handling standard office furniture, equipment and supplies.
- .2 Elevators exclusively used for freight shall be designed and designated as freight elevators.
- .3 Each building shall be equipped with at least one elevator capable to transport a B.C. Ambulance Service stretcher in the prone position, and two attending paramedics.
- .4 Floor Security may be necessary during non-working hours at each floor. Provide capability of key-operated control buttons in cab.
- .5 Full maintenance service for the entire warranty period of 12 months shall be specified.
- .6 Provide *Traction Elevators* in buildings with over 3 stops, or heavy traffic conditions and *Hydraulic Elevators*: in buildings with 2 or 3 stops, light to medium traffic. Roped elevators are prohibited.

**.2 Entrances, Equipment, Car Components and Finishes**

- .1 Markings, on both sides of entrance: conventional and Braille.
- .2 Elevator floor: non-slip and fire rated; ceramic tile preferred.
- .3 Baseboards: 300mm high, satin stainless steel, to prevent damage from carts and wheelchairs.
- .4 Car front, operating panel, handrail and entrance (frame & door) finish: satin stainless steel.
- .5 Specify one set of cab protection blankets and mounting pins.

**.3 Telephone - emergency two-way communications device (help push button) – in each elevator cab:**

- .1 The dialler shall be installed in the analogue voice gateway, in the Telecommunications Rm.
- .2 The help button shall be wired to a:
  - .1 Junction box, in the elevator machine room in the case of conventional elevators.
  - .2 Jack located in a designated panel, in the case of machine room-less elevators. Panel shall be lockable, wall recessed and located in the vicinity of elevator.
- .3 Final connections to Campus Security Services shall be coordinated with UVic Telephone Services
- .4 Provide long distance telephone to manufacturer for emergency response.

**.4 Emergency Power Operation**

- .1 Elevator shall be equipped with a UPS battery system, to provide communication, travel and door opening to the nearest station in the direction of travel, or to the exiting (usually ground) floor.

**.5 UVic Identification, Operating and Maintenance Requirements**

- .1 Elevator Manufacturer shall provide full service training access to UVic and/or its service agent.
- .2 Elevator Manufacturer shall provide original parts to any third party, for post warranty maintenance.
- .3 Controllers and other pieces of equipment shall be non-proprietary and fully compatible.
- .4 Facilities Management will assign a UVic elevator number to the unit(s).
- .5 The following information shall be engraved on the control station(s) panel:
  - .1 Government Installation Number
  - .2 UVic Elevator Number XY
  - .3 No Smoking

**.6 Acceptable Products**



- .1 Machine room-less Eco-Space from Kone Elevator Company. Approved Installer: Kone Elevator.
- .2 Other Acceptable Manufacturers:
  - .1 Gen 2 by Otis Elevator.
  - .2 ThyssenKrupp Elevator Co.
  - .3 Schindler Elevator Corporation – 400A Product.