I. USE OF EXISTING ELEVATORS FOR CONSTRUCTION PURPOSES (When there is no elevator contractor as part of the project)

A. The use of an existing elevator for use during construction shall only be permitted as specified in the Contract Documents. [Note to AE: Before specifying the use of a new elevator for construction purposes, a project variance request must first be submitted and approved] Prior to use of an installed elevator during any phase of construction, a written plan for temporary use shall be provided to the Owner clarifying satisfactory implementation of the requirements of this Section. Agreement to the written plan for temporary use must be accepted in writing by the Owner and prior to use of elevator(s) by the Contractors.

B. Only elevators designed for C3 freight loading as defined in elevator Code Rule 207.2b may be used for construction purposes subject to care and replacement provisions in this Section.

C. If there is more than one elevator installed, then only one elevator may be used for construction purposes. The variance request shall specify which elevator may be used. This document shall be edited to state exactly which elevator is permitted for use, what its load carrying capacity is.

D. Prior to use of the elevator the contractor shall inspect the elevator, and report any existing damage to the project manager. Contractor shall use photographs to document the existing condition and any pre-existing damage for both his own and the University's protection. These photographs shall be the basis of comparison to substantiate claims of damage due to construction use.

E. All visible structure and surfaces shall be protected. Any component of the elevator that is damaged, including but not limited to accidents or misuse etc. such as door frames, interior surfaces, thresholds, sills, hall doors and car doors being damaged, scratched, dented, marred etc. shall be repaired back to pre-construction condition, otherwise the same equipment shall be replaced with new equipment prior to substantial completion of the project to the satisfaction of the Owner.

F. The Contractor shall provide to the Owner a list of proposed materials to be carried on the elevator for approval by the Owner.

G. The elevator(s) shall not be operated in any manner which may cause damage to the respective elevator, its components and finishes, or their respective overall operating system

H. The Elevator shall not be used to carry heavy construction materials that equal or exceed the maximum load rating.

1. For elevators that are rated for passenger loading, the maximum single point load that may be transported in an elevator is 25% of the posted capacity. (This capacity is typically posted on the top of the car operating panel.

2. Only freight rated elevators may be used for single point loads heavier than 25% or the rated capacity.
3. Contractor shall post a sign at the door stating the maximum weight for a single piece to be loaded into the elevator. A/E, or Contractor shall verify capacity with U of I elevator shop.

I. Shall not be used to carry any type of demo work, cementitious or gritty substance.
   1. In the event that demolition materials must be transported in an elevator, all gritty material must be in an enclosed container (such as a wheeled trash can with a fitted lid) to prevent grit from getting into the door tracks and into the machine spaces. A wheel barrow with a tarp over it **will not suffice.**

J. The elevator cab shall be protected with plywood on the floor and plywood and or rigid insulation on the wall panels.

K. Cab shall be cleaned on a weekly basis, including vacuuming the floor and cleaning all interior surfaces
   1. Door tracks shall be vacuumed on a daily basis.

L. A sheet of clear polyethylene shall be hung over the control panel to prevent dirt from getting into the space around the push buttons.

M. Do not block door open by placing objects in door track.

N. Filters shall be installed over air intakes into the machine room.

O. The elevator shall receive cleaning at regular intervals not to exceed 30 days. If there is not an elevator contractor on the job, a work order shall be provided to F&S Elevator shop to perform cleaning and inspection of the hoist way, pit and machine room, as these spaces are not accessible to the contractors.
   1. This cleaning shall include removal of dust from all moving components including car and counterweight roller guides, hall and car door equipment, hoist cables, deflector sheaves, drive sheave, governor, and brake components (as applicable).
   2. The hoist motor shall be cleaned inside and out so that accumulated dust does not have a deteriorating effect on the motor components.
   3. Controller relays and components shall be cleaned, and any air-cooled drive components shall be cleaned and inspected at regular intervals not to exceed 30 days. All controller filters shall be cleaned or changed monthly.
   4. Jack and jack packing shall be inspected. Jack packing may be required to be replaced at the end of the project.

P. At the end of construction, the elevator and all of its components shall be inspected by the UIUC elevator shop to determine if any parts such as jack packing, door rollers, etc. require replacement. Regardless of the extent of care provided, all damaged components visible or hidden shall be replaced or repaired to pre-construction condition

Q. Contractor understands and acknowledges that use of a building elevator is a privilege. Contractor is permitted to use the elevator with the understanding that it may be inspected from time to time by a representative of the U of I Elevator Shop. If the contractor is determined to be using the elevator in an abusive manner, privileges for use of the elevator may be withdrawn.
This section of the *U of I Facilities Standards* establishes minimum requirements only.

It should not be used as a complete specification

END OF SECTION 01 76 10