

DIVISION 14 - CONVEYING EQUIPMENT

14 20 00 Elevators

1. The University utilizes both traction and hydraulic operated elevators. Traction elevators are preferred in buildings over two stories. If a hydraulic elevator is selected for use, the designer shall adequately cover subsurface information for the intended installation of the hydraulic jack.
2. Specify that the contractor shall be required to obtain the necessary operating permits from the South Carolina Department of Labor and Licensing prior to Substantial Completion of the facility.
3. Specify that warranties on the elevator installation shall commence at the date of Substantial Completion.
4. The design shall specify all necessary provisions to allow the installation of a two-way communication system in each elevator cab, including all conduits and associated wiring devices required for the installation.
5. All elevators shall be sized, at a minimum, to accommodate a standard EMS Stretcher (24"x84" with 5" Corner Radii).
6. Coordinate the car and door sizes of any freight or service elevators such that they will be able to accommodate the anticipated building functions such as material transport, equipment moving, etc.
7. Specify that the contractor and/or the elevator manufacturer and installer shall furnish complete diagrams for both power and control wiring of the elevators installed and included in the bound set of Maintenance Manuals and posted in the elevator equipment room.
8. Machine room-less elevators are not permitted. Elevator equipment shall be installed in a dedicated elevator equipment room.