

REVISIONS		
Revision Date	Section	Summary of Change
2/17/12	University Contact	Updated Contact Information
2/17/12	Design Requirements	Updated emergency telephone requirements

ELEVATORS

UNIVERSITY CONTACT:

Electrical Services, Maintenance & Operations
(302) 831-2621
Electrical Engineer, Maintenance & Operations
(302) 831-4907

IT-Elevator Phones Telephone Services Manager
(302) 831-6716
Public Safety (302) 831-2222

DESIGN REQUIREMENTS

All elevators, handicap lifts, dumb waiters shall meet all Delaware, Newark, NFPA, ASME codes and ADA standards. **Contact the City of Newark Building Department and PM Associates during the early stages of the project.**

All elevators and similar equipment shall be accepted by the University only after it is approved by the University recognized inspection agency (PM ASSOCIATES).

Elevator contractor shall be responsible to insure that the pits, hoist ways, hatches, door rails, landing sills, and elevator machine rooms are clean before inspection.

All piston type lifts shall be landed and repacked before turnover and equipped with scavenger oil systems

Before acceptance elevator contractor shall provide 4 sets of keys for doors, firemen's service, control cabinets and maintenance bypass.

Elevators and similar equipment shall be provided with not less 1 year of full service contract provided to the University Facilities Management organization.

Elevator cab should be sized for an ambulance stretcher.

The bottom of the elevator pit shall have a sump pit installed with a sump pump and be tied into the nearest storm condensate line or pit. The elevator sump pump and the machine room lights shall be on emergency power.

The sump pit/line shall have an oil sensor. The oil sensor shall be located in the elevator machine room. The sump pit shall have a cover, grating or diamond plate is acceptable.

If the elevator is hydraulic, the oil reclaim line/scavenger pump shall have a water sensor to shut off the oil pump if water enters the system.

The elevator machine room shall have a monitor/CPU mounted to the wall near the controller with a keyboard and tray to access the diagnostics of the controller for maintenance purposes. A telephone connection is required next to the controller.

The machine room shall have a cabinet for spare parts. The spare parts are to be included. (The parts are to be listed in the specifications).

The car operating panel shall have firefighter's instructions engraved on it. The firefighter's key shall be a GAL G1617P.

All elevator car panel emergency telephones must meet the following requirements:

- a. The phone is analog.
- b. The phone is capable of two-way communications with a 911 PSAP.
- c. The phone is ADA compliant, with a one-button emergency push capability to connect for two-way communications through a speaker phone box.
- d. Any internal recording on the elevator phone is disabled by the contractor.
- e. The phone can be programmed to dial 911.
- f. The phone, upon installation, is programmed to dial 911 by the contractor.

PREFERRED MANUFACTURERS: N/A

DO'S AND DON'TS:

DO'S:

DO Use the University's approved elevator consultant

DON'TS:

DO NOT Install any proprietary process control systems

DO NOT Use another inspection agency

-- END OF SECTION --