

MEDICAL CENTER SPECIAL REQUIREMENTS FOR DIVISION 14 – CONVEYING SYSTEMS

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The Special Requirements indicated in this appendix shall be incorporated in all Design Documents for Medical Center Projects. These Special Requirements consist of exceptions, revisions or additions to the base Building Design Standards.

14 00 00. CONVEYING SYSTEMS

14 20 00. ELEVATORS

.2 USE OF EXISTING ELEVATORS: Elevators deemed acceptable to use will be inspected by OSUMC Facilities Operations personnel before and after construction to appraise any damage caused by this use. Pending approval by OSUMC Facilities Operations, the Associate shall designate the appropriate elevator for use.

14 20 01. GENERAL REQUIREMENTS:

.2.1.1 The contractor shall respond to entrapments calls within thirty (30) minutes after notification, including evenings, weekends and holidays. The contractor shall respond to maintenance callbacks within forty-five (45) minutes after notification, including evenings, weekends and holidays.

14 20 02. REQUIREMENTS: Elevator Design and Installation shall comply with the current Ohio Elevator Code, Escalators Code and all referenced national codes.

.6 Hydraulic elevator machine rooms should not be located next to patient care rooms, conference rooms or offices without sound deadening material.

.11 Provide signs for firefighters' operation at designated fire floor, etched with the hall call station. Provide occupants signage at each floor with an etched graphic with the hall call station that says "Do Not Use Elevator In Case of Fire" per elevator code.

.15 Design at least one elevator in each building to serve the mechanical equipment floor(s) of the building. The elevator shall be large enough to handle major pieces of equipment of the equipment room.

14 20 03. GENERAL DESIGN AND PLANNING:

.4.1 The hydraulic mechanical room should not share a common wall with patient care rooms, conference rooms or offices. The entrance should not be accessed through a patient care room/area, conference room or office.

.5.4 An elevator consultant shall provide a recommendation on the number of elevators in each bank necessary to be on emergency power. The number of elevators in each bank that shall be on emergency power shall be a minimum of one.

.5.14.4 Connect to the OSUMC telephone system for a fully functional system. Follow OSUMC IS guidelines to make the final termination.

.5.15.6.1 The in car operating panel shall be etched with the building name and elevator number, the fire fighter operation instructions, elevator capacity.

.5.16 Consideration shall be given to the type and frequency of traffic on each elevator for heavy-duty car sills.

14 92 00. PNEUMATIC TUBE SYSTEMS

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- .1 SYSTEM ARCHITECTURE: The existing system consists of a 4" Swisslog CASIII System extended throughout the Doan, Rhodes and James Cancer complex. In addition, there is a separate Swisslog CTS 6" TL 2005 System that extends throughout Ross Heart Hospital with branches to the Rhodes/Doan Hall labs and Emergency Department. Both front ends for the existing systems reside in Doan 009.
- .2 CASIII SYSTEM: Any addition or modification to the existing 4" system shall utilize latest release of electronics and communicate with the existing CASIII front end. A majority of the devices on the 4" system utilize emergency power. In order to strive for full functionality in an emergency situation, it is recommended that any new devices requiring an electric service utilize emergency power.
- .3 CTS 6" TL 2005 SYSTEM: All devices on this system are fed from emergency power enabling operation in emergency situations. In order to maintain consistency, any additions to the existing system shall utilize emergency power if an electrical service is required. Any extension of the existing 6" system shall be the Swisslog CTS 6" TL 2005 System. Any new system shall be Swisslog and communicate with the existing front end.

END OF DIVISION 14 – CONVEYING SYSTEMS