

DIVISION 14

CONVEYING EQUIPMENT

1.1 DESIGN CRITERIA

- A. Comply with the Dartmouth Design and Construction Guidelines as established in this Section and through consultation with the Dartmouth Project Manager.

1.2 GUIDELINES

A. Section 14 20 00 - Elevators

1. Manufacturers: No restrictions.
2. Maintenance Contracts: Primarily performed by Stanley Elevator Co.
3. Types: No restrictions except hydraulic elevators shall be roped or holeless; in-ground cylinders not acceptable.
4. Ceilings: LED lighting preferred.
5. Walls: Protection pads and hoods required.
6. Floors: Low-maintenance durable surface required.
7. Non-proprietary Maintenance Tools: Required to allow for open competition during services. Proprietary tools only acceptable during the construction and testing phase.
8. Operation in Power Outage.
 - a. At a minimum, provide battery-lowering system for each elevator cab.
 - b. When access to generator is present or planned, consider generator connection (optional standby) for either manual operation or automatic lowering operation only for each elevator cab. Refer to Emergency Power guidelines.
 1. Lowering operation should minimize added load on the generator system via either manual operation or by staggered automatic operations.
 2. Review operational desires and associated costs against generator connect (optional standby) for one elevator cab per elevator bank for full operation under a power outage condition.
9. Access Passcards and Video Screens in Elevator Cabs: Include wiring and traveling harness for future passcard and video screen applications.

B. Section 14 24 00 – Wheelchair Lifts

1. New facilities shall be designed so that wheelchair lifts are not required.

END OF DIVISION