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1.0 DUMBWAITER

- A. Follow PG-18-1, Specification Section 14 12 11 Traction and Winding Drum Dumbwaiters for engineering, furnishing, and installation requirements.
- B. Dumbwaiters must meet the following requirements:
 - 1. Counter Height Dumbwaiters (CHDW) with automatic loading and unloading devices may be considered where the sender and receiver departments are vertically stacked and where the size, speed and production rates of the CHDW meet the project requirements. Automated CHDW's must have integrated power operated doors. Provide proper and secure rooms at the User openings as necessary.
 - 2. Dumbwaiters without automatic loading/unloading devices may have powered or manual vertical sliding doors. Manually doors reduce maintenance costs and are preferred.
 - 3. Powered doors must be vertical sliding type and have safety edge or infrared curtain scanning devices on the car door.
 - 4. Floor Loading Dumbwaiter (FLDW) platform size must be limited to a maximum of 9 square feet and maximum capacity of 500 pounds.
 - 5. Dumbwaiters for Sterile Processing Services (SPS) must not be used for any other material handling and must only be install in a limited access area. SPS Dumbwaiters must not share a hoistway with non SPS Dumbwaiters.



2.0 CARTLIFT

- A. Follow PG-18-1, Specification 14 21 11 Traction Cartlift and 14 24 11 Hydraulic Cartlift for engineering, furnishing, and installation requirements.
- B. Cartlifts must meet the following requirements:
 1. Floor loading cart lifts (FLCL) must be used only when they provide a function or service that cannot be accomplished by an elevator or dumbwaiter. Provide FLCL's with powered vertical sliding doors and safety edges or infrared curtain scanning devices on the car door.
 2. Automatic loading and unloading of larger capacity and size, used in conjunction with automatic cart lifts, must conform to the ASME standards for elevators. Determine the dimensions of the cartlift platform by the largest cart selected for dietary, linen, or other material distribution.
 3. Automatic loading/unloading devices require high maintenance caused by heavy loads being pushed and pulled on and off the cartlift. Cart ejector should only be installed where necessary.
 4. Cartlifts for Sterile Processing Services (SPS) must not be used for any other material handling and must only be install in a limited access area. SPS Cartlifts must not share a hoistway with non SPS cartlifts.

