DESIGN GUIDELINE 5.3
LOADING DOCKS

Scope

Provide Loading Docks as described below and in accordance with the program requirements.

Design and Installation Requirements

Provide space for refuse containers, trash compactors, and utility carts. The specific type of refuse container or compactor shall be reviewed with the Grounds Department through the Design Manager early in the design process. Provide access for the large 34 cubic yard trucks to service the containers.

Recycling containers shall be located within the loading dock area. Coordinate with facility manager to determine size, quantity and removal schedules.

At dining facilities coordinate with Housing and Dining Services for location of extractor and required storage. Typically located within loading dock area, these elements require significant coordination and planning.

Canopies which extend beyond the edge of the dock should be installed with a minimum clear height of 13'-6" above the driveway to ensure truck clearance under the canopy, lights etc. Preferred clearance height is 14'-0". Confirm the clearance with the Design Manager. If it is not possible to achieve sufficient height, a 6" diameter galvanized and painted steel tube shall be chain hung at the leading edge of the canopy to alert drivers to impending impact. The support structure of the heads of the dock openings which are exposed to potential impact shall be sized and stabilized to withstand the impact.

Provide an overhead dock door (motorized if noted in the program statement), and an adjacent person door.

Provide dock levelers and truck restraints were required.

Provide a storm sewer catch basin in the dock well.

Provide power and control circuits to motorized door openers, dock levelers, and trash compactors. Motorized overhead doors shall have operators easily accessible for maintenance, safety beam and sensing edge safety devices, and keyed control stations inside and outside.

Provide GFCI duplex receptacles for other general purpose needs.

Provide an outdoor campus or emergency telephone and/or a card reader as noted in the program statement.

Provide photocell controlled LED wall pack or downlight outdoors to light the dock area. Specify appropriate cut-off to minimize direct glare to vehicles and pedestrians.

Do not install fire alarm system control panels, security system control panels, time clocks or other electronic panels in the loading dock areas because of the potentially harsh environment and to avoid abuse from the materials being moved through the area.