



CI-0203

TAB 2: SITE INFRASTRUCTURE AND DEVELOPMENT Parking Infrastructure

- > All exposed structural steel structures will be hot dip galvanized.
- > All exposed Mechanical and Electrical systems to be painted and primed.
- > Ramps should be provided with additional texture and snow melting systems if exposed to the exterior or otherwise required.
- > Refer to the DRM for Standard Finishes in Stairwells, Elevator Lobbies, Elevators, Mechanical, Electrical, Communication and Storage/Service Rooms.

ELECTRICAL ROOM

- > Electrical rooms are not to be below grade and to be designed with adequate drainage. The service entrance distribution panel board, transformers, transfer switches, contactors and controls and branch circuit panel boards shall be located in the electrical room.
- > Access controls i.e. fob access and keypad to the electrical room shall be provided.
- > Refer to GO "Station Electrical Room Standard" in the Design Requirements Manual for detailed guidelines.

COMMUNICATIONS ROOM

- > Refer to the DRM TAB 7 for detailed guidelines.

SERVICE & MAINTENANCE AREA – STORAGE/SERVICE ROOM

- > A designated storage area in the parking structure should be provided. The room(s) can be used to accommodate service equipment; sweeper storage and tools in a secure location.
- > The room(s) shall be accessed by a double leaf Hollow Metal (HM) door and the doors shall not open onto vehicular traffic; a concrete apron shall be provided with bollards to protect egress of service personnel onto the drive aisle.
- > Service rooms shall contain sprinklers, water valves, switches and mechanisms, etc.
- > Rooms that contain temperature sensitive equipment shall be insulated and shall require special design.

ELECTRICAL SERVICES AND DESIGN CRITERIA

- > Investigate impact of parking structure on the existing electrical service because the existing service may not accommodate the additional load. Refer to the DRM for detailed requirements.