



CI-0306

**TAB 3: BUS INFRASTRUCTURE**

Bus Terminal Buildings

- > Ticket vending equipment to be located as per section CI-0401 Station Infrastructure-Ticket Vending Machine Placement Guidelines.
- > Increased display areas and signage to address needs of terminal passengers.

**DESIGN REQUIREMENTS**

For mechanical, electrical, communications, washrooms, janitor, and storage rooms, the architectural program is basically the same as for station buildings, except washrooms are typically multi-use with stainless steel toilet partitions.

The program for additional terminal-specific components and rooms is as follows:

**ROOF CANOPY / PLATFORM**

(the following minimum clearances shall be provided for roofs and canopies)

Room Name	Description
Features	<ul style="list-style-type: none"> <li>&gt; Passenger platform canopy height above the platform: 3.35 m (11'-0") minimum;</li> <li>&gt; Platform curb to canopy edge: 0.5 m (20") (this applies also to sawtooth platforms at the narrowest point); and</li> <li>&gt; Height of a passenger platform canopy within 0.5 m (20") of the platform curb, extending also partly over a bus, or a roof over a bus driveway: 4.775 m (15'-8") minimum above the bus driveway. GO Transit may also require additional clearances for bus tow-trucks, particularly on ramps.</li> <li>&gt; A radio antenna above the roof;</li> <li>&gt; Any roof-mounted HVAC equipment to be fully screened;</li> <li>&gt; Where a canopy or a roof may trap diesel fumes, the consultant shall design natural ventilation features;</li> <li>&gt; Where mechanical ventilation must be provided, the consultant shall design acoustical features to ensure that passengers may hear P/A announcements and converse on the platform;</li> <li>&gt; Exposed structural members shall be HSS steel and shall have fittings to prevent bird-nesting;</li> </ul>