



CI-0402

TAB 4: STATION INFRASTRUCTURE
Station Sizing

STATION SIZING

The following table shows typical space allocations for components of a GO Transit Rail Station building with a two (2) seller ticket sales layout. These spatial allocations are a guide for design and layout of the GO Station Building. The information provided below should be read in conjunction with the functional figure showing spatial relationships. Further analysis is required based on specific site conditions such as ridership projections, arrival modes, interface with other Transit Services, stations designated as “Mobility Hubs”, line station, or terminal station, bus terminal or Lay-By requirements (including drivers facilities), and other station specific requirements.

When more than two ticket sellers are required, provide incremental space allocations subject to GO approval.

ROOM	MIN. SIZE	REMARKS
Waiting Area	40 m ²	This consists of 20 m ² of waiting area and 20 m ² of queuing area* (for two ticket attendants). * 1 m ² per person queuing
Concession/Retail	16 m ²	Adjacent to the waiting area and includes 4 m ² for retail storage.
Ticket Sales Office	2.1 m x 1.6 m*	*Space allocation per ticket sales counter for each attendant wicket (access and back counter space not included here). Mandatory view to Kiss & Ride. View to platform area where possible.
	16 m ²	Total Ticket Sales Office area for two ticket attendants, including back counter space, wickets, and entry with coat closet.
Station attendants back office	12 m ²	Attached to the station attendants area includes lockers, kitchenette, safe and counting area hidden from view of the public.



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Staff Washroom	5 m ²	Staff washroom attached to the station attendants back office.
Multi-Use Public Washroom	16 m ² each sex	Door-less multi-use male or female accessible washroom having two water closets each. Determination of multi-use washroom design is based on station ridership, bus-meets-train service, and code requirements and subject to direction from GO staff.
Single-Use Public Washroom	5 m ²	Universal, barrier free washroom. Determination of single use washroom design is based on station ridership, bus-meets-train service, and code requirements and subject to direction from GO staff.
Maintenance Room	15 m ²	3.0 m x 5.0 m
Electrical Room	Minimum 17 m of linear wall space for mounted material.	Electrical Room size will be based on the project specific electrical equipment space requirements. Ensure that 25% of extra space is designated for future expansion.
Communications Room		Minimum 3.2 m x 4.8 m Communications Room size will be based on station type and project specific IT requirements.
Mechanical Room	Approx. 8 m ²	Mechanical Room size will be based on the project specific mechanical equipment required.
Snowmelting Boiler Room		Boiler Room size based on snowmelt mechanical equipment space requirements. Ensure that 25% of extra space is designated for future expansion.



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FIGURE: STANDARD RAIL STATION – FUNCTIONAL PLAN

