



CI-0407

TAB 4: STATION INFRASTRUCTURE
Rail Platforms and Corridors

RAIL PLATFORMS

DESIGN REQUIREMENTS

Feature	Description
Platforms	<ul style="list-style-type: none"> > Sealed passenger platforms shall conform to Railway clearances. Refer to Heavy Rail Clearance Diagram. > Generally on tangent track, platforms shall be side platforms and/or island platforms. > Side platform size: 3.6 m-4.9 m x 315 m. Island platform size: 7.4 m x 315 m. > Platform ends may be tapered due to track convergence. > Side platform shelters may be projected beyond platform paving into sodded areas. > Generally, platform cross slopes shall be 1.0% to 2.0% max. Side platforms shall drain away from the tracks. > Where platforms slope longitudinally with the tracks, the floor elevations of elevator, stair enclosure and shelter buildings shall be raised > The longitudinal platform slope shall be transitionally adjusted at door locations to prevent water entry.
Handwells	<ul style="list-style-type: none"> > Electrical handwells shall not be located at platform building doors, nor elsewhere in pedestrian circulation pathways. > See also Drainage catch basins.
Platform Sealer	<ul style="list-style-type: none"> > All Island platforms shall be provided with snow melt system. > The platform shall receive a high performance; high quality, premium U-V resistant asphalt surfacing system to provide a durable; protective, maintenance free, long lasting colour and texture to the underlying pavement. > The yellow safety line on the platform shall also be made of compatible