



CI-0407

**TAB 4: STATION INFRASTRUCTURE**  
 Rail Platforms and Corridors

**Platform Design Criteria**

These criteria are based on CN Rail data, applicable also to CP Rail, for preliminary design. Detail design shall be reviewed by the appropriate railway authority and GO Transit, at which time some dimensions may be defined more precisely.

<b>CRITERIA</b>	<b>SPECIFICATIONS</b>
Track centres, centre line to centre line, new station facilities only	4.27 m
Centre line of track to edge of platform	1.632 m
Width of island platform	7.4 m
Width of side platform	3.6 m-4.9 m
Length of platform	315 m
Centre line to centre line of tracks serving island platform	(35 feet even) 10.668 m
Passenger and Freight Operations, maximum height of platform A.T.R.	0.127 m
Exclusive GO Transit tracks, maximum height of platform A.T.R.	0.25 m
Passenger circulation zone, edge of platform to platform structures (shelters/stair enclosures, etc.)	2.44 m
Lateral clearance to major and elevated platform structures, centre line of track to canopies, roof overhangs, etc.	3.35 m
Lateral clearance from centre line of track to mini-platforms	1.98 m
Maximum height of mini-platform A.T.R.	0.559 m
Yellow Detectable Tile at Platform Edge	0.61 m
Tunnel (pedestrian underpass) clearance, top of tunnel roof membrane overlay to underside of rail, minimum approximately. (This is based on 300 mm sub-ballast, 300 mm ballast to bottom of ties and 178 mm ties).	0.8 m