


## Rail Platform

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

**Table D-1: Rail Platform Design Criteria**

Rail Platform Design Criteria	Specifications
Track centres, centre line to centre line, new station facilities only	4.273.97 m
<del>Centre line of track to edge of platform</del>	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	10.668 m
<del>Passenger and Freight Operations, maximum height of platform A.T.R.</del>	0.127 m
<del>Exclusive GO Transit tracks, maximum height of platform A.T.R.</del>	0.25 m
Passenger circulation zone & usable platform area, edge of platform-to-platform structures (shelters/stair enclosures, etc.)	2.44 m ( <u>Exclude the width of the tactile attention indicators when calculating usable platform space; and Consider specific points of congestion (e.g., no standing zones) when determining the extent of platform crowding</u> )
Maximum height of mini-platform A.T.R.	0.559 m
Yellow Tactile attention indicators Tile at Platform Edge	0.61 m
<b>SLOPES</b>	
Island platform cross	2% maximum
Side platforms	Drain away from the tracks
Where platforms slope longitudinally: <ul style="list-style-type: none"> <li>Tracks, elevator floor, stair enclosure and shelter buildings shall be raised</li> <li>Transitionally adjusted at door locations to prevent water entry</li> </ul>	1% maximum
<b>CLEARANCES</b>	
Minimum horizontal (from track CL)	2.546 m
Minimum vertical clearance (A.T.R)–end of line, terminus, low speeds	6.7 m
Lateral clearance from centre line of track to mini-platforms	1.98 m
Lateral clearance to major and elevated platform structures, centre line of track to canopies, roof overhangs, etc.	3.35 m
Tunnel (pedestrian underpass) clearance, top of tunnel roof membrane overlay to underside of rail, minimum approximately	0.8 m
 Additional pavement markings and signage are required for reduced platform clearances (Refer	