



CI-0404

TAB 4: STATION & TERMINAL BUILDING INFRASTRUCTURE
Stairs & Stair Enclosures

STAIR ENCLOSURE

(ALL STAIR ENCLOSURE WINDOW WALLS SHALL COMPLY WITH THESE REQUIREMENTS)

FEATURE	DESCRIPTION
Structure	<ul style="list-style-type: none"> > Frameless with silicone butt-joint glazing, with top and bottom stainless steel glazing channels. > Structural steel framing shall not be exposed to the salt-corrosive atmosphere of the rail platform and must be contained within the building envelope. Fully glazed enclosures with stainless steel framing system. All exposed structural steel framing, including all anchors and fasteners, shall be non-corrosive. Ensure all exposed members are resistant to severe weather conditions and elements, including de-icing chemicals and salts. Provide appropriate protective coatings or cover plates as required.
Glazing	<ul style="list-style-type: none"> > Glazing shall be clear, fully-tempered, designed for local wind loads and high speed train turbulence (including door glazing). > Glass in doors and sidelights that could be mistaken for doors shall have horizontal framing or a distraction pattern applied to the glass surface as per Tab 7, Section 0701 Architectural-Design Requirements, Exterior:Windows.
Cladding	<ul style="list-style-type: none"> > Designed to minimum 1.0 kPa Reference Wind Pressure, with appropriate gust factor and wind pressure coefficients applied to the RWP. > Cladding material, especially for canopies, soffits and fascias must be designed for wind turbulence generated by high-speed trains. > Roofing shall also resist train turbulence. > Shingled roofs shall not be used on platform buildings (unless rigid material).
Guardrails	<ul style="list-style-type: none"> > Guardrails shall be provided behind the window walls of stair and elevator wells, for safety in the event of glass breakage. > Guardrails that come in contact with passengers, both interior and