

			Inspection & Test Plan - Street Furniture (Supply & Installation)							
			Document No.: ITP-029						Revision: 00	
			Standards: AS1428.1 - Design for Access & Mobility, General Requirements (2021)						Date: 5.09.2025	
			AS1428.2 - Design for Access & Mobility, Enhanced Requirements (1992)							
			AS/NZS2890.1 - Parking Facilities, Off-street Car Parking (2004)							
						AS/NZS2890.6 - Parking Facilities, Off-street Car Parking for People with Disabilities (2022)				
Legend: HP : Hold Point, HP* Internal Hold Point, WP : Witness Point, IP : Inspection Point, SP : Surveillance Point										
Item	Task/Activity Description	Reference	Acceptance Criteria	Inspection / Test			Responsibility	Verifying Documents	Date Completed	Sign-off
				Method	Frequency	Category				
1	Preliminaries									
1.1	IFC Drawings	Fulton Hogan Quality Management Plan	Check the revision of the IFC drawings are current as per the drawing register (on Teambinder)	Document Review	Prior to starting Works and at regular intervals	HP*	All	This ITP		
1.2	Componentry	IFC Drawings Manufacturer's Drawings & Installation Recommendations Fulton Hogan Quality Management Plan	Product to be as per the Drawings, or where applicable, be selected based on the following criteria: i. A like-for-like equivalent to those shown on the IFC Drawings ii. Able to withstand the load conditions (where specified) v. Have a protective coating or be manufactured from a material that aligns with the atmosphere it will be erected in Where a product has deviated from the IFC Drawings, details of the nominated equivalent proprietary system to be submitted for review to the Superintendent. Enter: Teambinder Material Approval number [free text box] or Attach: Product Details	Document Review	Each component	IP	PE/SE/SPE	This ITP		
1.3	Fixing Detail	IFC Drawings Manufacturer's Drawings & Installation Recommendations	Fixing detail to be as per the IFC Drawings or Manufacturer's Drawings & Installation Recommendations. Changes to the approved Drawings shall be accompanied with approval from the Designers or Manufacturer's Representative. Enter: Teambinder Request for Approval number [free text box] or Attach: Written approval from Manufacturer's Representative	Document Review	Each component	IP	PE/SE/SPE	This ITP		

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2	Pre-installation Activities									
2.1	Materials Inspection Checklist	IFC Drawings Fulton Hogan Quality Management Plan	General inspection of components for defects including cracks, chips, handling and storage damage & distortion. Coating shall have no damage, loss of adhesion, fading, blisters, roughness, sharp points or residues and be of the specified colour. Bolts, nuts and washers shall be the size, material, strength grade and coating as noted on the IFC Drawings.	Measure Visual	Each component	IP	SE/PE/SPE	This ITP		
2.2	Survey Set-out	IFC Drawings	Survey activities undertaken to ensure and validate that all Works meet level and location requirements within any specified tolerances as applicable to the component.	Measure Visual	Each component	IP	Surveyor SE/PE/SPE	This ITP		
3	Installation Activities									
3.1	Mounting Surface Preparation	Manufacturer's Drawings & Installation Recommendations	As a minimum, ensure that the bearing surface is clean and free from loose particles and residues.	Visual	Each component location	IP	SE/PE/SPE	This ITP		
3.2	Component Handling	Manufacturer's Drawings & Installation Recommendations	The method of handling and erection of the components shall ensure that there is no damage to the protective coating during these operations. Where damage exists, it shall be repaired using an approved repair procedure.	Visual	Each component	IP	SE/PE/SPE	This ITP		

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3	Installation Activities (Continued)									
3.3	Component Installation	IFC Drawings Manufacturer's Drawings & Installation Recommendations	Place component into position, ensuring that it is plumb, level, square and within tolerances shown on the IFC drawings or Manufacturer's Drawings and installation recommendations. Where mounting to supports or foundations, adjust RL accordingly using suitably sized shims, levelling or jacking nuts (where applicable). Where steel to steel connections exist, holes shall be aligned so that a drift pin equal in diameter of the bolts can pass through freely. Where a misalignment is found, heating of bolts, hand flame-cutting of holes or (heat) drifting of holes <u>shall not be</u> permitted, only reaming, milling, drilling or machine flame or plasma cut. Internal surface of the hole to remain smooth and free from burrs. Holes shall not exceed the greater of: 1.25 x bolt dia. OR bolt dia. + 8mm Slots shall not exceed the greater of: 1.33 x (bolt dia. + 10mm) OR 2.5 x bolt dia	Measure Visual	Each component	IP	SE/PE/SPE	This ITP		
3.4	Fastener Tightening - Snug Tight Condition (4.6/S & 8.8/S)	IFC Drawings Manufacturer's Drawings & Installation Recommendations AS4100, Clause 14.3.3.1	Place bolts, washers and nuts as detailed on the drawings. At least 1 no. washer shall be used underneath the rotating part unless this is not part of the hand rail system. Washers shall cover the hole or slotted hole completely by 0.5 x bolt diameter. Tapered washers shall be positioned if the surfaces are on a slope of 1:20 or greater. Tighten from the stiffest section working towards the free edges with a few impacts of an impact wrench or the full effort of a person using a podger spanner. Protrusion to be at least 1 clear thread pitch and any thread run-off beyond the nut. Note: No maximum projection length is stated in the Australian Standards.	Measure Visual	Where applicable, each bolted connection	IP	SE/PE/SPE	This ITP		

