		<b>Inspection and Test Plan - Control and Supervision of the Works</b>		<b>Doc ID: FH-ZU2-QU-ITP035</b> <b>REV: 0</b>	
<b>Client:</b> Melbourne Airport			<b>Contract No:</b> CP14038-01		<b>Prepared By:</b> Jamal Khodr
<b>Project:</b> Taxiway Zulu				<b>Reviewed By:</b> Jamal Khodr	
<b>Construction Process:</b> ALER 3 Plumbing				<b>Date:</b> 28/03/2025	
<b>Specifications:</b> ZULU-BECA-001-SPC-00005, Drawings				<b>Approved By:</b> Marco Poggenberg	
<b>Date:</b> 1/04/2025					
<b>Structure / Component:</b> Plumbing works					

Lot No:	Lot Details:	Lot size/Quantity:	Date:
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Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility	Checked by:		
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity		Project Engineer Principal's Rep. Surveyor Foreman	Principal's Rep.	FH	Date
1.0	Preliminary Activities – Permits, Documentation, Approvals, Survey Documentation										
1.1	Check for correct documentation	Prior to commencing activity	Ensure that all employees and subcontractors are: - using the correct and complete set of drawings. - all drawings are the latest revision.	Drawings / Aconex Register	Verify	Drawings and drawing registers	HP*	Project Engineer			
1.2	Implementation of all measures and controls	Prior to commencing activity	All necessary measures and controls being implemented, that is PSP, EMP, TMP, SWMS & WP.	PSP, EMP, TMP, JSEA, SWMS, WP	Visual inspection	This ITP signed	HP*	Project Engineer			
1.3	Survey Checks	Prior to commencing activity	Survey set out to be completed for all assets	Drawings	Verify	This ITP signed	HP*	Project Engineer / Surveyor			
1.4	Submission & approval of shop drawings	Prior to commencing activity	<b>HOLD POINT</b> Submit shop drawings to the principal's representative for approval prior to fabrication commencement.	ZULU-BECA-001-SPC-00005 Drawings Shop drawings	Verify	Aconex Reference	HP	Project Engineer / Principals Representative			
1.5	Material Submissions	Prior to commencing activity	<b>HOLD POINT</b> Items to include but not limited to: - Refer to materials register and list items	ZULU-BECA-001-SPC-00005 Drawings	Verify	Aconex Reference	HP	Project Engineer / Principals Representative			

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**Specifications:** ZULU-BECA-001-SPC-00005, Drawings

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1.6	Temporary Works	Prior to commencing activity	Submission and approval of the following documentation (not limited to): - Certification of Lifting Points - Lift Plan - Certification of Ground Platform for lift - Lifting inserts	ZULU-BECA-001-SPC-00005 Drawings	Verify	Temporary Works Geo Report	HP*	Project Engineer			
1.7	Certificates of Compliance	Each Lot	Provide Suppliers Certificate of Compliance and Spatial Certificate of Compliance for • pumps, hot water units, and valves.	ZULU-BECA-001-SPC-00005 Drawings C1900.6	Verify	Supplier's Certificate of Compliance Spatial Certificate of Compliance (where required)	HP*				
<b>2.0</b>	<b>Construction</b>										
2.10	Delivery of Materials to site	Each Lot	Inspection of materials whilst still loaded on the truck prior to accepting the delivery on site. Identify any damage/defects prior to unloading of the material.	ZULU-BECA-001-SPC-00005 Drawings	Visual Inspection	This ITP Signed Materials Inspection Checklist on Conqa	IP	Project Engineer / Site Engineer			
2.11	Installation – Cold Water System	Each Lot	Verify pressure and flow, installation of water meter assembly, isolation valves, and boosting/reducing systems.	ZULU-BECA-001-SPC-00005, C1700.2.2(a), Drawings, AS/NZS 3500.1	Visual Inspection	This ITP Signed Building Eng ITP	IP	Project Engineer / Site Engineer			
2.12	Installation – Hot Water System	Each Lot	<b><u>WITNESS POINT</u></b>	ZULU-BECA-001-SPC-00005,	Verify	This ITP Signed Building Eng ITP	<b>WP</b>	Project Engineer / Site Engineer /			

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			Installation of electric instantaneous hot water units, temperature control, and thermostatic mixing valves.  Give notice for inspection of installed elements prior to covering/lining.	C1700.2.2(b), Drawings, AS/NZS 3500.4				Principals Representative			
2.13	Installation – Sanitary Plumbing & Sewer Drainage System	Each Lot	<b>WITNESS POINT</b> Installation of vented gravity sewer drainage, floor waste gullies, and inspection openings. Give notice for inspection prior to backfilling any pipework.	ZULU-BECA-001-SPC-00005, C1700.2.2(c), Drawings, AS/NZS 3500.2	Verify	This ITP Signed Building Eng ITP	WP	Project Engineer / Site Engineer / Principals Representative			
2.14	Installation – Roof Drainage System	Each Lot	Installation of downpipes, eaves gutters, and stormwater drainage systems.	ZULU-BECA-001-SPC-00005, C1700.2.2(d), Drawings, AS/NZS 3500.3	Verify	This ITP Signed Building Eng ITP	IP	Project Engineer / Site Engineer			
2.15	Installation – Insulation	Each Lot	Application of thermal insulation, fire properties, and vapour barriers.	ZULU-BECA-001-SPC-00005, C1715.3, C1715.4, Drawings, AS/NZS 3500.4	Verify	This ITP Signed Building Eng ITP	IP	Project Engineer / Site Engineer			
2.16	Installation – Pumps	Each Lot	Installation of submersible sump pumps, control panels, and electric motors.	ZULU-BECA-001-SPC-00005, C1719.4, C1719.6, Drawings,	Verify	This ITP Signed Building Eng ITP	IP	Project Engineer / Site Engineer			

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				ISO 2858, BS EN ISO 9906							
2.17	Installation – Fixtures, Fittings, and Appliances	Each Lot	<b>WITNESS POINT</b> Installation and connection to water supplies and drainage piping. Give notice for inspection after installation.	ZULU-BECA-001-SPC-00005, C1750.1, Drawings, AS/NZS 3500	Verify	This ITP Signed Building Eng ITP	WP	Project Engineer / Site Engineer / Principals Representative			
2.18	Testing	Each Lot	Carry out testing as per requirements in C1700.8 for water and sewer services. Conduct flushing, pressure testing and disinfection.	ZULU-BECA-001-SPC-00005 C1700.8 Drawings	Verify	This ITP Signed Building Eng ITP	IP	Project Engineer / Site Engineer			
2.19	Survey As Built	Prior to Covering Services	Survey to pick up services prior to covering	FH QMP	Verify	Survey	IP	Project Engineer/Survey or			

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<b>Final Inspection</b> The signature below verifies that this ITP has been completed in accordance with the Fulton Hogan's Quality system Procedures and verifies lot compliance with specifications.			
Print Name:	Position:	Signature:	Date:        /        /

Legend:

<b>HP</b>	Hold Point	Work shall not proceed past the HP until released by the Principal's Representative	<b>IP</b>	Inspection point	Formal Inspection to be done and recorded
<b>HP*</b>	Fulton Hogan Hold Point	Work shall not proceed past the HP* until released by Fulton Hogan	<b>TP</b>	Test Point	Product compliance test to be undertaken and recorded/reported
<b>WP</b>	Witness Point	An inspection which must be witnessed by the Principal's Representative	<b>SCP</b>	Survey conformance point	A qualified surveyor to check product/section/structure and report
<b>AP</b>	Approval Point	Written or verbal approval given by the Principal's Representative			

Notes	
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