

Client: APAM (MELBOURNE AIRPORT)

Contract No: CP14038

Prepared By: Jihad Barbar

Project: Taxiway Zulu 2.0

Reviewed By: Jamal Khodr

Date: 21/05/24

Construction Process: Miscellaneous Concrete Structures

Approved By: Jamal Khodr

Date: 21/05/24

Specifications: Specifications as per Drawings

Structure / Component: Concrete Structures

Lot No:

Lot Details:

Lot size/Quantity:

Date:

Item No.	Task/Activity Description	Inspection/Test					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility FH Engineer Superintendent Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection/ Test Method	Record of conformity			Fulton Hogan	Beca	Other	Date
1.0	Preliminaries											
1.1	The current revision drawings are being used including subcontractors copy.	Prior to Start	Current revision drawing is being used (including the subcontractors copy). Current revision to be obtained via Aconex or ACC	Drawings and drawing registers	Verify	Up to date drawing sets and this ITP signed	HP*	FH Engineer				
1.2	Implementation of all measures and controls	Prior to Start	All necessary measures and controls being implemented, that is CEMP, TMP, SWMS, & WP	CEMP, TMP, SWMS, & WP	Verify	Site and office Inspection	HP*	FH Engineer				
1.3	Excavation Permit	Prior to Start	Excavation Permit issued by APAM obtained prior to any excavation on site.	Approved permits	Verify	Proof of & permit ITP sign	HP*	FH Engineer				
2.0	Supply of Materials											
2.1	Reinforcement	Pre-commencement	Test Certificates demonstrating compliance of the reinforcement with the requirements of AS 3600	Drawings and Specification	Verify	Aconex Correspondence	HP	FH Engineer and Beca				
2.2	Concrete Mix	Each Lot	Mix design to be submitted to contract administrator for review and acceptance.	Drawings ZULU-BECA-014-DWG-00201	Verify	Mix Design	HP	FH Engineer and Beca				

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				ZULU-BECA-030-DWG-20001								
3.0	Construction\Erection of Formwork											
3.1	Setout	Each Lot	Setout completed and conformance with Beca IFC Drawings.	Drawings	Verify	Survey Report	SCP	FH Engineer Surveyor				
3.2	Excavate	Each Lot	Excavation depth shall be as per specified or as shown on Drawings to accommodate structures.	Specifications as per Drawings	Verify	This ITP signed	IP	FH Engineer				
3.3	Confirm Ground	Each lot	Completion of excavation and inspection of subgrade materials. No soft spots, unsuitable material	Specifications as per Drawings	Verify	DCP Test Results (if required)	HP*	FH Engineer				
3.4	Formwork	Each Lot	Formwork / Reverse Shall conform to shapes, lines, levels and dimensions of the concrete shown or indicated on the Drawings.	Specifications as per Drawings	Verify	This ITP Signed	IP	FH Engineer Surveyor				
3.5	Penetrations/Cast in items	Each Lot	Penetrations/cast in items are present in the formwork.	Drawings	Verify	This ITP Signed	IP	FH Engineer Surveyor				
4.0	Reinforcement											

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4.1	Reinforcement installation	Prior to concrete pour	Pre-Pour Checklist Completed: <ul style="list-style-type: none"> Position and spacing check and recorded. Cover checked and recorded. Reinforcing supports checked and recorded. Laps at required length. Penetrations/cast in items 	Specifications and drawings	Verify	Pre-pour inspection List CLA37A	IP HP*	FH Engineer				
5.0	Pre-pour Planning and Inspections and Placement (1st Pour)											
5.1	Pre-pour Inspection	Prior to concrete pour	Superintendent or Engineer to conduct pre-pour inspection prior to concrete pour	Specifications and Drawings	Verify	Pre-pour inspection List CLA37A	HP* WP	FH Engineer				
5.2	Pour in-situ	Each Lot	Concrete shall be placed within 90mins from batching. All concrete supplied for concrete structures shall be subject to project control testing in accordance with AS 1379.	Specifications and drawings	Verify	This ITP signed	IP	FH Engineer				
5.3	Concrete Testing	Each Lot	1 – 7 Day cylinder and 2 – 28 day cylinders to be taken.	Specifications and drawings	Verify	Concrete Testers Sheet/Results	TP	FH Engineer				
5.5	Finishing & Curing	Each Lot	Concrete to be vibrated to ensure compaction and air voids	Specifications and drawings	Verify	This Signed ITP	IP	FH Engineer				

		Inspection and Test Plan - Control and Supervision of the Works		Doc ID: FH-ZU2-QU-ITP037 Rev: 0	
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WP	Witness Point	An inspection which must be witnessed by the Superintendent	SCP	Survey conformance point	A qualified surveyor to check product/section/structure and report
AP	Approval Point	Written or verbal approval given by the Superintendent			

Notes	
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