

Client: APAM (MELBOURNE AIRPORT)

Contract No: CP21009

Prepared By: Owen Tieu

Project: Runway 16-34 Overlay

Reviewed By: Jamal Khodr

Date: 03/08/2022

Construction Process: Stripping and Bulk Excavation

Approved By: Jamal Khodr

Date: 03/08/2022

Specifications: N/A

Structure / Component:

Lot No:

Lot Details:

Lot size/Quantity:

Date:

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			N / A	Fulton Hogan	Date
1.0	Preliminary Activities										
1.1	Inspection and Test Plan	Prior to commencing works	<u>Hold Point</u> The Contractor must submit an Inspection and Test Plan to the Principal's Representative for review, outlining the tests, frequencies of tests, certifications and Hold Points		Verify	This ITP signed	HP	Project Engineer/ Principal's Representative			
1.2	Current Drawings being utilised	Prior to commencing works	Current revision drawing is being used including the subcontractors copy. Current Revision to be obtained via Aconex	Aconex	Visual Inspection	This ITP signed	IP	Project Engineer			
1.3	Survey	Prior to commencing works	Area has been surveyed, highlighting any areas where excavations should not occur (e.g. exclusion zone)	Drawings Permits	Visual Inspection	This ITP signed	IP	Project Engineer			
1.4	Native grass	Prior to commencing works	APAM to confirm native grass permit. Surveyor to mark out the native grass area and place bollards/fencing along the boundary.	EMP Native grass ITP No.29	Visual Inspection	This ITP signed	HP*	Project Engineer			
1.5	Implementation of all measures and controls	Prior to works	All necessary measures and controls are being implemented, that is: PSP, EMP, TMP, SWMS and WP	PSP, EMP, TMP, SWMS, WP	Visual Inspection	This ITP signed	HP*	Project Engineer			

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1.6	APAM permits	Prior to commencing works	Excavation permit and if working near HV electrical. An Electricity supply Isolation form and cabling permit has been issued from Melbourne Airport Fulton Hogan Excavation permit issued to plant operators prior to excavation works	Excavation permit	Approved permits	This ITP signed	HP*	Project Engineer		
1.7	Maintenance of Pavements	Prior to Commencing Works	Hold Point Prior to the use of any existing roads within the airport boundary and site access roads, the contractor shall carry out a site inspection and provide a dilapidation report.	Aconex	Verify	This ITP signed	HP	Project Engineer/ Principal's Representative		
1.8	Drainage of Earthworks	Prior to Commencing Works	Fulton Hogan to submit dewatering plan for each area of the works prior to carrying out any excavations for pavement design subgrade level. As safely practical the contractor must keep all earthworks free from standing water and must provide sufficient pumps at low points and other special dewatering equipment for the disposal of all water encountered in the excavations. Including the installation of any design or temporary drainage works to allow for preparedness of pavement construction.		Verify	This ITP signed	HP*	Project Engineer		
1.9	Plant and Equipment	Prior to Commencing Works	Plant and Equipment used in the works are appropriate to achieve specifications requirements. All plant inducted and inspected as per Fulton Hogan's plant safety guidelines.		Visual Inspection	This ITP signed	HP*	Project Engineer		

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2.0 Stripping/Excavation to Subgrade										
2.1	Site Preparation	Each lot	<p>All excavation and filling will be free draining to low points clear of the Works at all times;</p> <p>Sufficient pumps, well-points or other equipment for work area de-watered during the works shall be provided where required.</p> <p>Existing drainage lines and water mains found to be traversing the site must be removed as shown on drawings.</p> <p>Contractor must provide temporary pollution control devices or ponds in existing drainage systems and receiving waters.</p>		Visual Inspection	This signed ITP	IP	Project Engineer		
2.2	Dust control	Each Lot	<p>Prevention of dust during earthworks and subgrade preparation (Water Cart, tarps etc.);</p> <p>Truck mounted water sprayer keeping dust moist to allow for reliable operation 24 hours per day.</p>		Visual Inspection	This signed ITP	IP	Project Engineer		
2.3	Excavation	Each Lot	<p>Contractor shall excavate every type of material encountered within the limit of earthworks to the lines and levels indicated on the drawings.</p>		Inspection Point	This signed ITP	IP	Project Engineer		

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Where over-excavation occurs or filling is required the area must be filled with Class 3/4 crushed rock or profiling's.

All materials removed from excavations are to be classified by the contractor as topsoil, fill, concrete (for recycling) or unsuitable material.

Final Inspection

On behalf of Fulton Hogan it is hereby certified that the Works represented by the items of work listed have been tested in accordance with the Project Quality Plan and conform in all respects with the requirements of the Contract.

Print Name:
Position:
Signature:
Date: / /

Legend:

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

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