

		Inspection and Test Plan - Control and Supervision of the Works	Document # GT4-ITP-018	Revision : 0 Date : 12/03/2024
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Client: Hobart International Airport Pty Ltd Project: Project Mercury Early Works At Hobart International Airport Contract No: MER-EW-001	Construction Process: <i>Commercial Road ACO Drain Install</i> Specifications: EW-CE-DRW-520-002 Structure / Component: Stormwater drainage, drainage infrastructure Location: Hobart International Airport	Prepared by: Name: Patrick Schurink-Moeller Signed : Date : 12-Mar	Reviewed by : Name: Dave Hart Signed DH Date : 13/03/2024	Approved by : Name: Signed : Date :
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Lot No:	Lot Details:	Lot Size/ Quantity:
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Item No.	Task/Activity Description	Inspection / Controls and Verification Detail					HP/ WP/ AP/ IP/ TP/ SCP	Responsibility Project Engineer Site Engineer Superintendent Surveyor Foreman	Checked by:			
		Frequency	Acceptance Criteria	Reference Documents	Inspection / Test Method	Record of conformity			Client	Fulton Hogan	FH's Sub-contractor	Date
1	Preliminary Works											
1.1	Check for correct documentation	Prior to commencing any activity	Ensure that all employees and subcontractors are: - using the correct and complete set of drawings - all drawings are the latest revision	Drawings and drawing registers	Visual inspection	ITP Signed	HP*	Site Engineer/ Site Foreman	N/A		N/A	
1.2	Implementation of all measures and controls	Prior to commencing any activity	All necessary measures and controls are being implemented, that is: PSP, EMP, TMP, SWMS & WP	PSP, EMP, TMP, SWMS, WP	Visual Inspection	ITP Signed	HP*	Site Engineer/ Site Foreman	N/A			
1.3	Submission & Approval of Concrete Mix Design	Prior to first concrete pour	The Contractor shall submit the concrete mix design details for review by the Superintendent not less than 4 weeks prior to the placement of concrete. Concrete shall not be placed until the mix design has been reviewed by the Superintendent	610.07(b)	Verify	ITP Signed Mix design approval	HP	Site Engineer/ Superintendent				
2	Construction Works											
2.1	Setting Out	Prior to start	Set out work in accordance with drawings. The superintendent will review and confirm set out. The alignment and survey/level pegs will be indicated to the Contractor on the Site by the Superintendent prior to the commencement of work. No survey/level pegs to be removed by any persons until completion of works.	703.17	Verify	This ITP Signed	HP	Site Engineer/ Superintendent			N/A	
2.2	Excavation Permit	For Each Day of Activity	An excavation permit must be issued prior to any excavation commencing. Plant and equipment shall be appropriate for the task. Excavation operations shall not disturb areas outside the limit of excavation	Excavation permit	Verify	ITP Signed	HP*	Site Engineer	N/A		N/A	

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2.3	Excavation	Each Lot	Excavation completed to required depth to allow placement of the concrete blinding layer.	703.20	Verify	ITP Signed	IP	Site Engineer	N/A		N/A	
2.4	Dowel	Prior to concrete pour	12mm Diamond dowel at X centres		Verify	ITP Signed	IP	Site Engineer				
2.5	Bedding	Before placement of ACO DRAIN sections	150mm concrete blinding to base of proposed ACO DRAIN.	Trench grate joint detail with concrete pavement	Visual Inspection	ITP Signed	IP	Site Foreman	N/A		N/A	
2.6	Formwork	Each Lot	Formwork shall comply with the requirements of AS 3610 where required	703.12 AS 3610	Verify	ITP Signed	IP	Site Engineer	N/A		N/A	
2.6	Expansion Joint	Prior to concrete pour	12mm Abelflex seal with approved sealant against existing and adjacent concrete pavements	Trench grate joint detail with concrete pavement	Visual Inspection	ITP Signed	IP	Site Engineer	N/A			
2.7	ACO Drain placement	Prior to concrete pour	ACO drain sections to be placed in trench with lid surface flush with adjacent pavement surfaces. Ensure a 150mm width either side of ACO DRAIN to existing pavements.	Trench grate joint detail with concrete pavement	Visual Inspection	ITP Signed	IP	Site Engineer	N/A			
2.7	Concrete Encasement	Each section of ACO trench	Concrete shall be thoroughly compacted via continuous tamping and internal vibration. Where concrete is unformed it shall be hand tamped to a smooth surface and screeded in accordance with the construction drawings. Where fresh concrete is being placed against concrete which has taken initial set a properly formed construction joint must be used. N25 concrete as per installation drawing - ACO Drain	SPECIFICATION CLAUSE KLASSIKDRAIN K200 - LOAD CLASS A-B	Visual Inspection	ITP Signed	IP	Site Engineer/ Site Foreman	N/A		N/A	SPECIFICATION
2.8	Record location of each batch	Each concrete pour	Batch location recorded on Load Batch Traceability Checklist	610.15 CL001D	Checklist	This ITP Signed	IP	Site Engineer	N/A		N/A	KLASSIKDRAIN

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2.9	Surface Finish	Each Lot	Concrete elements shall have a Class 3 surface finish for external surfaces and a Class 4 surface finish for permanently hidden surfaces in accordance with AS 3610. Footpaths and other Surfacing shall be compelled with a wooden float.	703.25	Visual Inspection	This ITP Signed	IP	Fulton Hogan Engineer	N/A		N/A	
2.11	Joints	Each Joint	tool joints to be formed at each ACO joint.	SPECIFICATION CLAUSE KLASSIKDRAIN K200 - LOAD CLASS A-B	Visual Inspection	This ITP Signed	IP	Site Engineer/ Site Foreman	N/A		N/A	
2.12	Protection of concrete	Each Lot	All concrete shall be protected from damage from early loading by pedestrians, animals, vehicles and from rain or any other cause. Vehicles equal to or less than 1.5 tonnes in weight may be permitted to cross after 4 days, vehicles greater than 1.5 tonnes may be permitted to cross after 7 days.	703.27	Verify	This ITP Signed	IP	Site Foreman	N/A		N/A	
2.13	Curing	Each Lot	Concrete shall be cured immediately either by water curing, wet hessian, polyethylene sheeting which is adequately sealed, curing compound or a combination of these. Curing compounds shall comply with AS 3799. The curing compound shall be applied in two coats using a fine spray at the rate stated on the certificate of compliance	703.10	Verify	This ITP Signed	IP	Site Engineer/ Site Foreman	N/A		N/A	
3	Completion											
3.1	Carry out sampling of concrete - strength and consistency	Each 50m3	Sampling and testing of the strength of concrete shall be carried out in accordance with Clause 6.2 of AS 1379. The consistency of the concrete shall be determined by a slump test of each concrete strength sample in accordance with AS 1012.3 and Clause 5.2 of AS 1379	703.11 CL001B CL001C	Checklist	ITP Signed/Test Records	TP	Site Engineer	N/A		N/A	
3.2	Tolerances	Each Lot	Where matching in with existing surface levels, the new surface shall be within ± 5 mm existing. Section dimensions shall be constructed within the following tolerances: - 5mm and 15mm for width; or - ± 3 mm for dimensions less than 25mm.	703.15 Drawings	Visual Inspection	This ITP Signed	IP	Site Engineer/ Site Foreman	N/A		N/A	

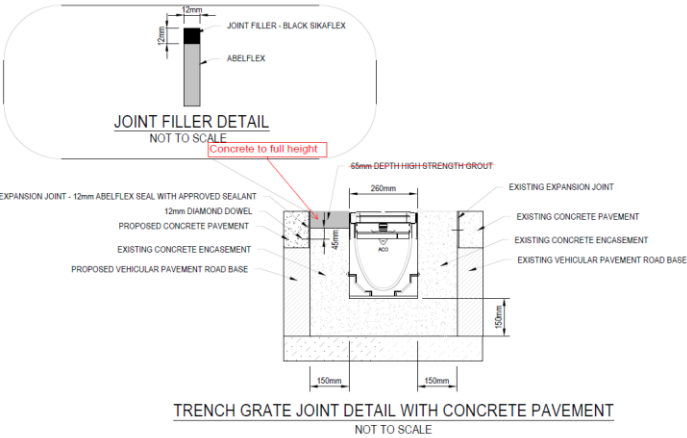
Final Inspection

The signature below verifies that this ITP has been completed in accordance with the FH's Quality system Procedures and verifies lot compliance with specifications.

File Name: GT4-ITP-018 - ACO drain install.xlsx

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Print Name:												

Legend					
HP	Hold Point	Work shall not proceed past the HP until released by the Superintendent	IP	Inspection point	Formal Inspection to be done and recorded
HP*	FH Hold Point	Work shall not proceed past the HP* until released by FH	TP	Test Point	Product compliance test to be undertaken and recorded/reported
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			



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