

	Inspection and Test Plan - Control and Supervision of the Works	Document # ITP-010 Revision : 1 23/05/2025
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Client: DTP Project: Stud Road/ Mcfees Road Contract No: DOT38025	Construction Process: <i>Insitu Pit Construction</i> Specifications: VicRoads Standard Specification Section 705 Structure / Component: Drainage Location:	Prepared by: Name: Ruby Lewis Signed : 23/05/2025	Reviewed by : Name: Cameron Beattie Signed : Date : 23/05/2025	Approved by : Name: Cameron Beattie Signed : Date : 23/05/2025
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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 Activities												
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/ Supervisor	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: QMP, TMP, SWMS & ITP	QMP, TMP, JSEA, SWMS, ITP	Visual Inspection	ITP signed	HP*	Site Engineer/ Supervisor	N/A		N/A		
1.3	Use of approved mix design	Prior to commencing any activity	Concrete mixes used will be inline with Table 705.041 - VR330/32 for drainage pits	CI 705.04	Verify	ITP signed	HP	Site Engineer			N/A		
1.4	Excavation Permit	Each lot	An excavation permit must be issued prior to any excavation commencing including removal of unsuitable material. Plant and equipment shall be appropriate for the task. Excavation operations shall not disturb areas outside the limit of excavation	Excavation permit	Verify	This ITP Signed Off	HP*	Site Engineer	N/A		N/A		
2	Excavation and erection of falsework/formwork												
2.1	Excavation	Prior to concrete pour	Excavations shall be to the depths shown on the drawings and that necessary to provide satisfactory foundation	CI 705.05	Visual inspection	ITP signed	IP	Site Engineer/ Site Supervisor	N/A		N/A		
2.2	Construction Methodology	Prior to erection	Formwork shall be used in such a manner that it can be removed without damage to the concrete. Formwork shall be placed in locations where steel reinforcement and other fixtures can be inspected, and sufficiently tight at joints to to confine freshly placed concrete and maintain position and shape during construction.	CI 703.12	Verify	ITP signed	IP	Site Engineer/ Site Supervisor	N/A		N/A		
3	Steel reinforcing												

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3.1	Placement methodology	At all times	All steel reinforcement to be securely held during placing and compacting of concrete Supports shall be of a material durable to impose loads without movement of the reinforcement The placement method shall not allow the reinforcement to become contaminated by contact with other steel	CI 703.13	Verify	ITP signed	IP	Site Engineer/ Site Supervisor	N/A		N/A	
3.2	Minimum Cover	At all times	The specified minimum cover must be maintained at all tire wire positions. A tolerance of 0 to +5mm is allowed.	CI 703.13	Visual Inspection	ITP signed	IP	Site Engineer/ Site Supervisor	N/A		N/A	
4	Pre-pour Planning and Inspection											
4.1	Pre-pour inspection	Prior to concrete pour	Superintendent confirms that the inspected formwork, reinforcement and embedments comply with the project drawings and specifications. Hold Point released by the Superintendent.	CL 705.06	Verify	ITP signed	HP	Site Engineer/ Superintendent			N/A	
5	Placing Concrete											
5.1	Carry out sampling of concrete	0-50m3 - 1 sample	No. of Samples: 0 to 50m3 - 1 No.	CI 703.11	Checklist	CLB CLC	TP	Site Engineer	N/A		N/A	
5.2	Compressive testing	0-50m3 - 1 sample	A minimum of one cylinder shall be tested at 7 days and a minimum of 2 cylinders at 28 days. The average compressive strength at 28 days shall not be lower than the specified minimum compressive strength. Additionally, the compressive strength of each individual cylinder shall be no less than 90% of that at 28 days.	CI 703.11	Verify	Concrete test records	TP	Site Engineer	N/A		N/A	
5.3	Placement methodology	Each concrete pour	Concrete shall be transported, handled and placed in a manner that will prevent segregation or loss of materials Concrete shall not be freely dropped from height >2m Concrete shall not be moved horizontally by vibrators		Verify	ITP signed	IP	Site Engineer/ Site Supervisor	N/A		N/A	
5.4	Compaction	Each concrete pour	Vibration shall be applied to the full depth of each layer and extended into the top 100 mm of the underlying layer. Vibration shall continue at each point until air bubbles cease to emerge from the concrete, then withdrawn slowly. Concrete shall not be vibrated to the point where segregation of the ingredients occurs.		Verify	ITP signed	IP	Site Engineer/ Site Supervisor	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.

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Print Name:		Position:		Signature:			Date: / /					

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			