

ITP Number	ITP-1	Rev 5
ITP prepared by	Mark Geschke	30-08-2022
ITP reviewed CYP		



INSPECTION TEST PLAN

Project:	CYP Domain Station St Kilda Road
Service:	Main Civil Works Drainage
Subcontractor:	DELTA GROUP - GESCHKE PTY LTD ("GPL")

Work Lot Number			
Drawing Reference			
	Pit number	Pit number	Pipe size
Pit to Pit reference			

PROJECT INSPECTION TEST PLAN REQUIREMENTS:

- Hold Point:** Works under the contract are not permitted to progress beyond a Hold Point.
- Witness Point:** A Witness Point is a nominated point in the design, and construction process at which the appointed inspector or approver under this ITP may review, witness, inspect the item in question
- Records:** All records are to be available on site in hard-copy format for QA audits by the Contractor, and in electronic scanned copies (PDF format).

PROJECT KEY PERSONEL:

Contractor Authorised Representative
Subcontractor Authorised Representative
Engineer
Foreman

PROJECT: The works covered by this Inspection Test Plan are as presented in the Infrastructure Works Subcontract, on the drawings and within this Inspection Test Plan. This Inspection Test Plan is to be read in conjunction with drawing and specification recommendations.








Geschke plumbing have been contracted to construct stormwater drainage as part of Delta Group scope of works.

SCOPE: Construction of stormwater drainage including; stormwater pipe work, pits & GPTs

Ref	Description of Inspection/Test/Approval	Stage/Frequency	Records	Specification/Standard	Acceptance Criteria	Inspection/Test Procedure	Hold or Witness Point	Geschke Sign off	Delta Sign off	CYP Sign off	Yarra Trams Sign Off
5.01	Check Set out	Prior to commencement	N/a	Latest drawing available	- Set-out of pits is marked with pegs and alignment matches construction drawings. Where applicable a 3m 1m offset to be pegged. - Datum point is marked in accessible area by Delta Surveyor.	N/a	witness				
5.02	Pipe work Materials	Prior to commencement	Delivery Dockets by Delta	N/a	Ensure pipe work is ready and client delivers pipe work to work zone	N/a	witness				
5.03	Pre-Cast Pits	Combination of precast	Shop Cards for reference	Relevant council specification and guidelines Vic Roads 705	-Installed where Delta set out intended.	N/a	witness				
5.04	Check below ground pipework, pipe bedding - rubber ring joints & Haunching	This is not signed off based on duration. It will be signed off with a highlighted mark-up detailing what this ITP covers. This will be at the discretion of site foreman.	N/a	Bedding to be crush rock 20mm as per Vic Roads 701	- No rubber joint visible on visual inspection. -Haunching holding pipe straight and true. -Ensure SW pipe and pits are laid with accordance to construction drawings & quality of work is up to standard. -Visually check the bottom of the trench before installing stormwater pipe.	Prior to backfill looking up pipe to ensure installation completed to a satisfactory standard.	witness				
5.05	Backfill of material	This is not signed off based on duration. It will be signed off with a highlighted mark-up detailing what this ITP covers. This will be at the discretion of site foreman.	Refer material approvals, refer to material delivery dockets	Compaction in layers as per industry standards and Vic Roads 701.09 (d) backfill of material	-Compaction in layers with mechanical compaction equipment. Eg, Wacker Packer (jumping jacks) & DPU vibrating plates. -GPL using project approved material	To be monitored during by site foreman	witness				
5.06	Testing of backfill material	One test per 1000 tonnes or part thereof as per 701 vic roads standard	Test report by Geotech advisor	As required based on zone of install in line with council guidelines.	-Visual inspection at time and agreed if suitable for test. -Test report when available final sign off.	Test to be completed by qualified/ registered Geotechnical Lab eg: Terra Firma	witness				

Ref	Description of Inspection/Test/Approval	Stage/Frequency	Records	Specification/Standard	Acceptance Criteria	Inspection/Test Procedure	Hold or Witness Point	Geschke Sign off	Delta Sign off	CYP Sign off	Yarra Trams Sign Off
5.07	Poured Insitu Pits	Each pit	Photos of install prior to pour	Relevant authority construction details	Visual inspection and acceptance pit has been constructed as per the detail	Prior to Pour	witness				
5.08	Haunch base of pit	Each pit	Photos of base of bit	Relevant authority construction details	Visual Inspection – Photos	Photos	witness				
5.09	Pipe bandages around external connection of pit to pit, and internal final patch of pipe to pit.	Each pit	Photos of external and internal pit walls	Relevant authority construction details	Visual Inspection – Photos	Photos	witness				
5.10	CCTV	All drainage lines constructed shall be inspected, via CCTV for internal review of joints	CCTV video to be submitted	Joints are installed within the manufacture and 701 tolerances.	-Sign off after vision is viewed. This could be viewed on site during other sign off's	CCTV	witness				
5.11	Final As-Built	As required to get accurate as built information, typically pit to pit post installation.	As Built	N/a	-Show line, grade and position of pipework and pits.	-As Built Provided by Delta	witness				

FINAL SIGN OFF

Company	Name	Title	Signature	Final Comments	Date
					
					
<div>  <div> <small>Construction partner</small>  </div> </div> <div>    </div>					