

ITP Number	ITP-1	Rev 7
ITP prepared by	Mark Geschke	02-09-2022
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")

Drawing Reference			
Zone Number			
	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/ Conformity with Drawings	Prior to commencement	N/a	Latest drawing available in line with Vic Roads Sec701.05	- Datum point is marked in accessible area by Delta Surveyor. -acceptable tolerances as per 701.05	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	Excavation	Prior & during construction	Visual & photo evidence	Vic Roads Sec701.101	-As per minimum horizontal clearances in table 701.101	Visual	witness				
5.04	Pipe Bedding	Pit to Pit	Visual & photo evidence	Vic Roads Sec701.11	-Minimum bedding as per 701.11 -no less than 100mm bedding via vibration plate	Visual	witness				
5.05	Laying	During construction	Visual & photo evidence	Vic Roads Sec701.12 laying	- Rebate and socket ends of pipe sections shall be placed facing upstream and be fully entered as per Vic Roads Sec701.12(b)	Visual	witness				
5.06	Backfill of material	Pit to Pit	Visual & photo evidence Select backfill to be used	Vic Roads Sec 701.15 Bedding and backfill materials shall be placed and compacted in layers not exceeding 150 mm loose thickness.	-Acceptance will be via compaction test ITP ref 5.07 -Cover 300mm above pipe -Backfill to be in 150mm loose layers.	Visual	witness				
5.07	Compaction testing of backfill material	In reference to Vic Roads Acceptance of Field Compaction & Vic Roads 701 we are defining a "lot" at 50 lin mtrs, and 3 test per 50l/mtrs	Test report by Geotech advisor	Vic Roads Acceptance of Field compaction RC500.05 June 2017 Code of practice 2.2 Selection of lot.	-Terra Firma test pass based on 95%MDD	Terra Firma test results	witness				
5.08	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				
5.09	CCTV	All drainage lines constructed shall be inspected, via CCTV for internal review of pipe	CCTV video to be submitted	Vic Roads 701.24 Inspection of drainage lines beneath pavements	-Sign off after vision is viewed.	CCTV vision	witness				
5.10	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> <hr/> <div>    </div>					