



CLIENT:	Watercare Services Limited	INSPECTION AND TEST PLAN FOR: WORK DESCRIPTION: PROJECT WIDE – ITP – SITE REINSTATEMENT CONTRACTOR NAME: GAJV SUBCONTRACTOR/S NAME: NA	ITP No:	GAJV-ITP-00283_3.0
CONTRACT No. #	6661		JOB/ITP TITLE:	PROJECT WIDE – ITP – SITE REINSTATEMENT
CONTRACT:	Central Interceptor		PACKAGE No:	
WORKPLACE NAME / ADDRESS:	Dundale and Miranda		CHAINAGEE (if any):	Please specify N/A if none
DATE:	15/03/2024		WORK AREA:	Dundale and Miranda
ENGINEERS NAME:	Tiaki Winder		RELATD CEP No:	GAJV-CEP-00403_1.0
			SWMS No (if any):	GAJV-SWMS-00439_1.0

The purpose of this Inspection and Test Plan is for identifying and tracking stages of completion and product traceability during all phases of construction.

ISSUED FOR CONSTRUCTION

Packages: - Discrete components or work areas.

Inspection and Test Plan: A sequential work method statement capturing quality related requirements that provide evidence of conformance to specifications.

Inspection Check Sheet: A document detailing specific criteria to be checked and recorded, often developed to meet testing requirements of standards and / or technical specifications.

Punch List / Defects List: A list of minor rectification type tasks which need to complete to satisfy the term of the contract.

Surveillance: Ongoing monitoring

Hold Point: A notice of the event must be provided and shall not proceed with the work without the client or its representative being present unless authority to proceed has been provided by the client in writing. Signature required

Witness Point: A notice of the event must be provided. If the client representative is not present at the designated time and place, work may proceed.

LEGEND:	W = WITNESS POINT	H = HOLD POINT	S= SURVEILLANCE	GAJV = GHELLA ABERGELDIE JOINT VENTURE	S/C = SUBCONTRACTOR	
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ACTIVITY No. #	DESCRIPTION	RESPONSIBILITY	REQUIREMENTS / REFERENCE	CONFORMANCE CRITERIA	METHOD	FREQUENCY/PROCESS HELD	HOLD/WITNESS REQUIREMENTS		RECORDS OR CHECKLISTS
							TYPE	ATTENDANCE REQUIRED	
1.0 Preliminaries									
1.1	Check CEP and SWMS are in place and signed off by personnel	GAJV	N/A	<ul style="list-style-type: none">GAJV procedures.	Document Review	Each Lot/ Construction start	HP	GAJV	Copy of SWMS and CEP on site and signed by site personal.
1.2	Check Drawings are IFC and current	GAJV	N/A	<ul style="list-style-type: none">IFC Drawings and the current version used.Site restoration plans to be approved by Council prior to works	Visual Inspection	Before project execution	HP	GAJV	Copy of IFC drawings onsite DWG register
1.3	Legislative requirements – Work Safe notifiable works documents submitted and verified	GAJV	WSL CS-C01P-4.1P WSL General Civil Construction Standards C2.7	<ul style="list-style-type: none">Documents (Health and safety at Work Act 2015) as per WorkSafe requirements cited, reviewed, and retained on site. Copy of notification supplied to Watercare.	When required	Prior to construction	WP	GAJV WSL	Notification to work safe - if applicable
1.4	Service Location	GAJV	GC C Standard Version 1	<ul style="list-style-type: none">Clearly identify existing services in proximity of works.	Document review Site mark out	Before works commencement & During Construction	WP	GAJV	Survey Request and As-built drawing of services
2.0 Materials (approval)									
2.1	Soil for plantation backfill	GAJV	IFC Drawings	<ul style="list-style-type: none">Clearly identify soil type before placement.	Docket review	Prior to construction	WP	GAJV	Delivery Dockets
2.2	Mulch (for playground – Miranda site)	GAJV	IFC Drawings	<ul style="list-style-type: none">Clearly identify mulch type before placement.	Docket review	Prior to construction	WP	GAJV	Delivery Dockets
2.3	Tree Reinstatement	GAJV	CEP	<ul style="list-style-type: none">Specific tree to be reinstated.Native trees to be eco sourced.	Delivery docket	Prior to placement	WP	GAJV	Delivery Dockets
3.0 Site Excavation & Temporary Works Removal									



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3.1	Survey Setout of project boundaries: - Pothole location for tree reinstatement - Site reinstatement boundary	GAJV	Work Methods Statement CS-C01P General Requirements 29.3P	<ul style="list-style-type: none"> Surveyed line and level in accordance with drawings 	Survey Record	Prior to construction	WP	GAJV	Photos of Setout, Survey report
3.2	Excavation depth to be determined	GAJV	Work Methods Statement	<ul style="list-style-type: none"> Geologist to determine satisfactory minimum soil depth required for future plant growth 	Geologist Report	Prior to construction	WP	GAJV WSL	Survey As Built
3.3	Spoil removal	GAJV	Work Methods Statement	<ul style="list-style-type: none"> Any material removed from site to be sent to appropriate disposal destination as determined by spoil removal team 	Spoil Report	Prior to construction	WP	GAJV	Spoil removal dockets
3.4	Temporary Works Removal – (Flood Walls, Capping Beams, SBP etc.)	GAJV	IFC Drawings	<ul style="list-style-type: none"> Temporary Works to be removed to 1.5m below Finished Ground Level 	Survey Record	Final As Built	WP	GAJV	Survey As Built
4.0 Tree Plantation & Reinstatement									
4.1	SITE PREPARATION: Site Engineer and subcontractor to confirm site ready for reinstatement	GAJV	Work Methods Statement IFC Drawings	<ul style="list-style-type: none"> Area cleared in accordance with drawings. 	Visual Inspection	Prior to construction	WP	GAJV	ITP signed
4.2	POTHOLE: - Ensure that potholes are the correct positioned in spacing, depth and diameter prior to reinstating tree	GAJV	Work Methods Statement IFC Drawings	<ul style="list-style-type: none"> Hole depth, diameter and spacing dug out as specified 	Visual Inspection	Prior to construction	WP	GAJV	ITP signed, photographs of the potholes
4.3	SUREPAVE INSTALLATION	GAJV	IFC Drawings GAJV-RPT-00201 Section 6.3.1	<ul style="list-style-type: none"> Subbase testing to achieve a minimum CBR of 3% Installation as per Manufacturers Guidelines 	Visual Inspection DCP/Scala Penetrometer	During Installation	WP	GAJV	Photos Test results
4.4	Vehicle Crossings, Driveways, Footpaths, Kerb & Channel	GAJV	IFC Drawings CEP ATCOP	<ul style="list-style-type: none"> Auckland Transport Code of Practice Driveways will need to have a vehicle crossing permit and be inspected by council. 	Document review	Prior construction	WP	GAJV WSL	Dockets Inspection check sheet
4.5	Air duct/vent stack installation	GAJV	IFC Drawings CEP	<ul style="list-style-type: none"> Ensure minimum vertical and horizontal spacing as per IFC drawings 	Delivery dockets	Prior construction	WP	GAJV	Visual inspection, material certs and photographs
4.6	Road restoration	GAJV	IFC Drawings ATCOP WSL-LETTER-001346	<ul style="list-style-type: none"> Roads will be restored to Auckland Transport requirements. Paving reinstatement to match existing surfaces. Over 10m2 to be laid by paver layer machine. Backfill test to min 95% MDD Contractor to organise a joint inspection of the relevant works with the Engineer 	Nuclear Densometer	During construction	HP	GAJV WSL	Delivery Dockets IANZ NDM Lab Test Results
4.7	Topsoil specifications	GAJV	IFC Drawings GAJV-RPT-00201 Section 7.3.3 ATCOP Section 14.4.2	<ul style="list-style-type: none"> The topsoil shall be screened to a 12mm maximum particle size and shall not contain any foreign matter. 	Lab test review	Prior Installation	WP	GAJV WSL	Delivery Docket, topsoil lab results, photos



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				<ul style="list-style-type: none">Topsoil should have an acidity range of pH 5.5 to 7.5 and be suitable for the plant species being used.					
4.8	Bollard installation (If applicable)	GAJV	IFC Drawings Auckland Parkland Design Guideline	<ul style="list-style-type: none">As per IFC drawingsBollards should be spaced at gaps of a maximum 1.5m	Visual / measure on site	During Installation	WP	GAJV	Delivery Docket, Photos
4.9	Planter installation (If applicable)	GAJV	IFC Drawings	<ul style="list-style-type: none">As per IFC drawings	Visual Inspection	Post Construction	WP	GAJV	Photos
4.10	Rain garden and/or swale installation (If applicable)	GAJV	IFC Drawings	<ul style="list-style-type: none">As per IFC drawings	Visual Inspection	Post Construction	WP	GAJV	Photos
5.0 Post Construction:									
5.1	Final As built	GAJV	IFC Drawings	<ul style="list-style-type: none">Survey as built	Survey	Reinstated area	WP	WSL	As built



ITEM	QA DOCUMENT CHECKLIST	TICK APPROPRIATE BOX	COMMENTS	ITEM	QA DOCUMENT CHECKLIST	TICK APPROPRIATE BOX	COMMENTS
1	Completed Inspection and Test Plan	<input type="checkbox"/>		12	Check sheets Completed and signed	<input type="checkbox"/>	
2	Material Delivery Dockets (if applicable)	<input type="checkbox"/>		13	Independent Reviewer Report	<input type="checkbox"/>	
3	Incoming Material Inspection Checklist	<input type="checkbox"/>		14	Operation and Maintenance Manuals (if applicable)	<input type="checkbox"/>	
4	All Aconex Mails Closed-Out - Related to Lots	<input type="checkbox"/>		15	Warranties / Guarantees (if applicable)	<input type="checkbox"/>	
5	Conformance Certificates (if applicable)	<input type="checkbox"/>		16	Producer Statements	<input type="checkbox"/>	
6	Test Reports	<input type="checkbox"/>		17	Compliance Statement	<input type="checkbox"/>	
7	Engineers Red-Line mark ups	<input type="checkbox"/>		18	Relevant RFIs -	<input type="checkbox"/>	
8	As Built Survey	<input type="checkbox"/>		19	Instructions -	<input type="checkbox"/>	
9	Photos	<input type="checkbox"/>		20	Factory Acceptance Test (if applicable)	<input type="checkbox"/>	
10	Geotechnical Site Inspection Report (if applicable)	<input type="checkbox"/>		21	Other -	<input type="checkbox"/>	
11	QA Engineer Site Inspection Report	<input type="checkbox"/>		22	Other -	<input type="checkbox"/>	

CONFORMANCE / VERIFICATION STATEMENT

This closed lot conforms in all respects with the standards and requirements specified in the Contract Documents. The lot verification records are complete, and any non-conformances have been closed out in accordance with the Projects requirements.

Construction Lot checked by the Senior Project Engineer responsible for the works	PRINT NAME	Click or tap here to enter text.	SIGNATURE	<div></div>	DATE	Click or tap to enter a date.
Construction Lot verified and closed by Quality Management Representative	PRINT NAME	Click or tap here to enter text.	SIGNATURE	<div></div>	DATE	Click or tap to enter a date.
Independent Verification Review (if required) by:	PRINT NAME	Click or tap here to enter text.	SIGNATURE	<div></div>	DATE	Click or tap to enter a date.