

SECTION 1 – GENERAL DETAILS							
Project Name:	DCC11014 Water Pump Station Renewals - SILVERSTREAM			Inspection Key <i>Use in sections 3, 4 and 5.</i>	Responsibilities <i>Use in sections 3, 4 and 5.</i>		
Project Number:	561482			A Action	Role Key	Name	Signature/ Initial
Customer:	Dunedin City Council			B Report by Breach	CM Construction Manager	Stephen Vorgers	
Contract Number:	DCC11014-WPS002			C Check	CR Cust. Representative	Joff Riley / Mark Todd	
Area/ Sub-System:	Wet Wall Penetration Preparation - SILVERSTREAM	Lot ID Number:	N/A	D Dimension Inspection	IP Inspection Personnel	Jason Bell	
				E Examine	MC Material Controller		
ITP Number:	561482-ITP-003.2	Version:	DRAFT	H Hold Point	OP Operations Manager		
ITP Description:	Wet Well Wall breakout and preparation - Inspection Test Plan			I Inspection	PM Project Manager	Matt Paterson	
Discipline:	Wet Well Wall breakout & preparation Pump 2 Penetration			M Monitor on Random Basis	PS Project Supervisor		
Specification:	C11014 Water Pump Station Renewals Specification 12581908			O Operation	QE Quality Engineer		
				R Review	QM QA Manager		
Drawings:	Construction Issue Drawings as issued by GHD - Silverstream Pump Station Project Ref: 12581908-GHD-PS-SS-DRG-GN Drawings: G0001, M0001 through M0004 & P0001			S Subcontractor	SP Supervisor	Bruce Allan	
				V Visual Verification	ST Superintendent		
Prepared By: <i>(Name)</i>	Matt Paterson	Date:	10/12/2024	W Witness Point	SV Surveyor		
Quality Specified:	None - As per Specification				WS Welding Supervisor		
SECTION 2 – SIGNATURES – CLOSE-OUT & APPROVAL							
ITP Close-Out by Downer	Name:	Matt Paterson/Jason Bell	Signature:		Date:		
Downer Approval	Name:	Matt Paterson/Stephen Vorgers	Signature:		Date:		
Customer Approval	Name:	Joff Riley / Mark Todd	Signature:		Date:		

SECTION 3 – RECEIVING INSPECTIONS <i>Insert additional or delete unused rows as required. Include reference to specification.</i>								
Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type (<i>Visual, other</i>)	Inspection	
							Key	By (<i>Role Key</i>)
3.1	Masonry drill bits 18mm	Verify correct quantity & type	Compatible with the drill unit	Manufacturers Technical data & Physical fitment	Once	Visual + Photographs	Inspection	IP
3.2	Reinforcing Bar	Verify correct quantity & size/diameter has been delivered to site	Quantities correct. Dimensions correct.	Drawing M0003	Once	Visual + Photographs	Inspection	IP
3.3	Hilti RE-500 Chemical Anchor	Verify correct product is delivered. Check expiration date.	Quantities correct. Within expiration date	HILTI Product Calculator APP. Delivery Docket	Once	Visual + Photographs	Inspection	IP
3.4	Grout (Sika MonoTop 438R)	Verify correct product is delivered. Check expiration date.	Quantities correct. Within expiration date	Delivery Docket	Once	Written/Submission	Inspection	IP

SECTION 4 – IN-PROCESS INSPECTIONS <i>Insert additional or delete unused rows as required. Include reference to specification.</i>								
Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type <i>(Visual, other)</i>	Inspection	
							Key	By <i>(Role Key)</i>
4.1	Mark out penetration on both sides (wet & dry sides) using existing pipe as reference	Check and verify dimensions against drawings	Approval from Engineer	Drawing M0003	once	Document + Visual + Photograph + Engineer site Inspection	V	CR
4.2	Proceed with breakout. Hammer drill	Monitor work and progress report any issues	Approval to proceed from item 4.1	As per drawings listed dimensions & measurements	once	Visual & Document	I	IP
4.3	Pre pour inspection	Engineer Inspection	Dimension & Surface check. As per Drawing M0003 and notes. Approval to proceed via NTC. Correct profile achieved with 5mm roughness and any loose material removed	NTC or other written confirmation	once	Document	H	CR
4.4	Procurement of Reinforcing bar, starters & trimmers	Check measurements and verify correct fitment	As detailed on Drawings & specifications	Drawing M0003	once	Document + Visual	I	IP
4.5	Installation of Reinforcing bar, starters & trimmers	Drill holes around perimeter to receive reinforcing bar. Check for correct diameter & correct embedment	As detailed on Drawings	Drawing M0003	once	Visual + Photographs	I	IP
4.6	Install pipe spool with puddle flange to be cast within wall	Check that orientation is correct and is in alignment with pump assembly	As detailed on Drawings M0003 and drawing notes	Drawing M0001 Drawing M0002 Drawing M0003 Drawing M0004	once	Visual + Photographs	I	IP

4.7	Hilti RE500. Chemical Anchor reinforcing bar, starters & trimmers into position	Observe Manufacturers instructions. Monitor curing times and temperatures. Use manufacturers calculator to determine product volumes. Sequence the installion to avoid obstruction	As detailed on Drawings and completion of item 4.6	Drawing M0003	once	Visual + Photographs	I	IP
4.8	Chemically treat perimeter using product HYDROTITE CJ1020	Observe Manufacturers instructiuons & Health and safety requirements	As detailed on Drawings and completion of item 4.7	Drawing M0003	once	Visual + Photographs	H	IP

SECTION 5 – FINAL INSPECTION AND HANDOVER *Insert additional or delete unused rows as required. Include reference to specification.*

Item No.	Activity/ Task Description	Inspection Point: Quality Control Activity	Acceptance Criteria	Verifying Document	Frequency	Inspection Type (Visual, other)	Inspection	
							Key	By (Role Key)
5.1	Final dimensional check	At completion of all items on this ITP	Dimensions match the measurements shown on drawings	Drawing M0003	once	Visual + Photograph + Mark-up drawing	H	CR

SECTION 6 – COMMENTS

	Customer Release Granted:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Date:	
	Certificate Number:				