

Inspection and Test Plan

ITP No: HA0423- Struct- 03. REV A



Client: AIAL	Subcontractor: V&B	Work Area: Sub Structure
Project Name: Domestic Jet Terminal	Job No: HA0423	Subcontractor Representative: Ross Ferraby

1. ITP Element : **Pile Cap and Beam Backfilling**

2. Revision Records

Rev No.	Revision Description	Name of Author	Authorised by:	Date
0	For Approval	Ross Ferraby	Joe Burke	10 September 2024
A	For Approval Mott Mac-CAN-000129	Ross Ferraby	Joe Burke	29 October 2024
B				
4				
5				

3. Relevant Documents

Doc No.	Specification/ Drwgs/ Standards	Additional Info	Document No.	Specification/ Drwgs/ Standards	Additional Info
1	DP001-MMD-SPC-ST-Z-Z-0001 Rev 01 Structural Specifications (8 Aug 24)	Section 2	5	Winstone MTR to follow if used	
2	Stevenson MTR ATAP65 Portage Rd Quarry	Material Cert 25/09/24	6		
3	WWLW_Domestic Processor_Airfield and Headhouse_EMP_Rev 1		7		
4			8		

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4. Document Deliverables *(The documents listed below shall be completed and compiled during the course of the construction)*

No.	Description Inspection / test	Frequency	Spec/standard	Acceptance Criteria	Measuring Devices	Reporting Format	Inspected by*			Hold Points Sign off	Remarks
							HCL	SC	Consult		
1	Representative	once	Strut 2.3	Accept/Reject	N/A	CV		SUB	R		Hawkins-GCOR-001784
2	Silt Control	Daily	Strut 2.11	Resource Council Requirements	N/A Observation	N/A included in pre start	M	M			
3.	Dewatering	Daily	Strut 2.12.4	AIAL requirements no standing water	N/A Observation	N/A included in pre start	M	M			
4.	Approved Backfill	Every new material		Accepted	Off Site	Certificate		SUB		Hold Point	With rev A Submission
5	Removing all timber/rubbish/ loose material	Prior to backfill	Strut 2.16	Observation	N/A	N/A	M	M	M		
6	Inspection notifications	TBA	Strut 2.13 Strut 1.3.2	2 days notice	N/A	N/A			S	Hold Point	Actions to be issued on Field
7	Backfilling layers	Max 150mm layers or as per drwgs	Strut 2.16,	Material agreed	Tape / level	N/A	M	M	M		Or as instructed by Engineer
8	Compaction – vibrating roller/ plate compactor etc.	Every layer	Strut 2.16, 2.14	CIV equivalent to 95% of max dry density NZ4432:2022	Clegg Impact Hammer Test	Results		SUB	R		As per test report

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9	Compaction – vibrating roller/ plate compactor etc.	Every 3 months	Strut 2.16, 2.14	95% of max dry density NZ4432:2022	NDM	Results		SUB	R		
10	Closing out Reports	when works is available to be closed	Civil 1.3.3	Accept/ reject	N/A	Aconex Field	M		R		Inspection closed on Aconex Field

5. Documents

Results of Compactions	
Material Certificates	

6. Distribution Records

Name	Position	Company	Date
TBA		Mott McDonalds	
TBA		BECA	
TBA		AIAL	

- Inspect (I) – To visually examine or measure an item or contracted work operation to verify its conformance to predetermined quality requirements
- Review (R) – To examine any form of documentation to establish its acceptability against specified requirements
- Surveillance (S) – To observe in-process activities to the degree necessary to be assured that they comply with the established criteria
- Test (T) – To subject a component, structure, or system to a controlled set of physical, chemical, environmental or operational conditions to determine or verify its capability to meet specified requirements
- Witness (W) – To watch over, observe or visually examine a specific work operation or test performed by others under Contractor supervision
- Monitor (M) – General oversight of work in progress with no need to document formally.
- SUB (SUB) Submission