



Retaining Wall Inspection

Site Details

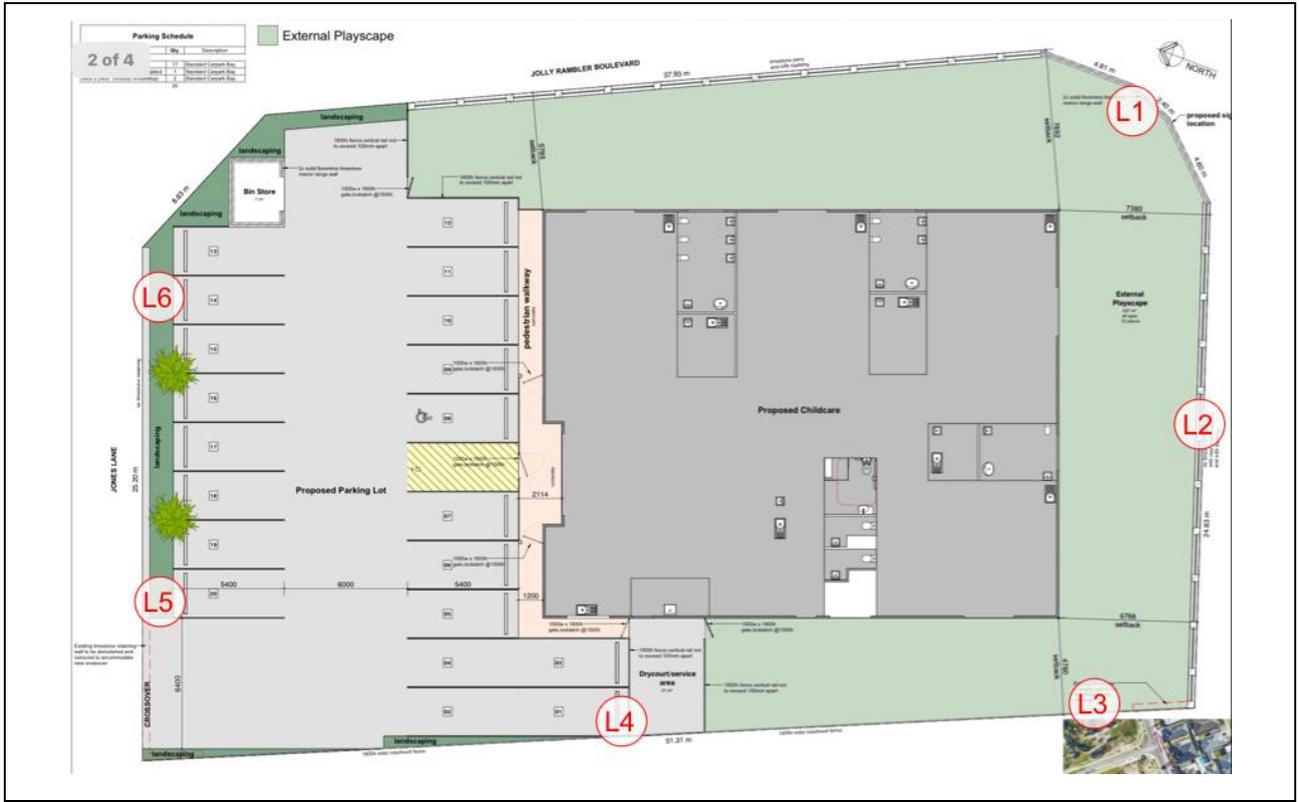
Client: IQ CONSTRUCTION
Address: LOT 977 NANCARROW WAY, RAVENSWOOD
Job Reference: 25-2340
Inspection Date: 10-2-2026

Site Photograph



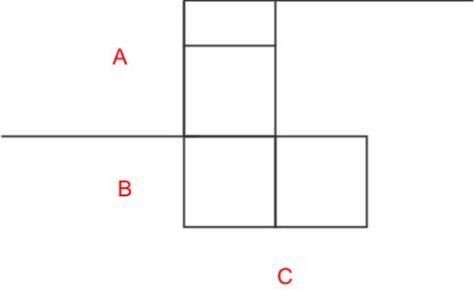


Testing Plan





Wall Profile – Location 1

	
Mark A: Height of Retaining	500 mm
Mark B: Embedment	350 mm
Mark C: Width at base	700 mm
Construction Material: 350 x 350 Reconstituted Limestone Block	
Condition: Fair	

Compaction Test Results

Depth / Location	150 - 450	450 - 750	750 - 1050
Low Side	Unable to test		
High Side	9	VH	



Wall Profile – Location 2

	
Mark A: Height of Retaining	500 mm
Mark B: Embedment	350 mm
Mark C: Width at base	700 mm
Construction Material: 350 x 350 Reconstituted Limestone Block	
Condition: Fair	

Compaction Test Results

Depth / Location	150 - 450	450 - 750	750 - 1050
Low Side	Unable to test		
High Side	11	VH	



Wall Profile – Location 3

	
Mark A: Height of Retaining	500 mm
Mark B: Embedment	350 mm
Mark C: Width at base	700 mm
Construction Material: 350 x 350 Reconstituted Limestone Block	
Condition: Fair	

Compaction Test Results

Depth / Location	150 - 450	450 - 750	750 - 1050
Low Side	Unable to test		
High Side	9	VH	



Wall Profile – Location 4

	
Mark A: Height of Retaining	500 mm
Mark B: Embedment	350 mm
Mark C: Width at base	700 mm
Construction Material: 350 x 350 Reconstituted Limestone Block	
Condition: Fair	

Compaction Test Results

Depth / Location	150 - 450	450 - 750	750 - 1050
Low Side	Unable to test		
High Side	9	VH	



Wall Profile – Location 5

	
Mark A: Height of Retaining	500 mm
Mark B: Embedment	350 mm
Mark C: Width at base	700 mm
Construction Material: 350 x 350 Reconstituted Limestone Block	
Condition: Fair	

Compaction Test Results

Depth / Location	150 - 450	450 - 750	750 - 1050
Low Side	Unable to test		
High Side	9	VH	



Compaction Testing Notes

- **VH - Very Hard:** Penetration Resistance (N_p) results which exceed 15 blows.
- **R - Refusal:** This is when the shaft of the penetrometer encounters a material which cannot be penetrated such as gravel, limestone or building rubble.
- Tested with a Perth Sands Penetrometer (PSP). Flat ended rod of 16 ϕ driven with a 9kg mass dropped 600mm) in accordance with AS 1289.6.3.3
- Test points are taken at locations indicated on the testing plan.
- This is an indication of the in-situ compaction at time of inspection and is intended to act as a guide when determining the extent of earthworks and preparation required for the site. A formal compaction certificate is to be obtained prior to pouring any concrete or commencing any construction.

Certification

This office has inspected the profile of the existing limestone retaining wall and can confirm the wall is structurally adequate to support the proposed loads anticipated for the proposed brick fence as detailed on the structural drawings.

Gaetano (Guy) Anzà
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