



Ataahua Domain Tennis Club  
Rooms  
Quantitative Engineering Evaluation

**Reference:** 235463  
**Prepared for:**  
Christchurch City Council

Functional Location ID: PRK\_3672\_BLDG\_004

**Revision:** 2

Address: Christchurch Akaroa Road

**Date:** 11 October 2013

# Executive Summary

This is a summary of the Quantitative Engineering Evaluation for the Ataahua Domain Tennis Club Rooms and is based on the Detailed Engineering Evaluation Procedure document issued by the Engineering Advisory Group on 19 July 2011, visual inspections, available structural documentation and summary calculations as appropriate.

<b>Building Details</b>	<b>Name</b>	Ataahua Domain Tennis Club Rooms			
<b>Building Location ID</b>	PRK_3672_BLDG_004			<b>Multiple Building Site</b>	Y
<b>Building Address</b>	Christchurch Akaroa Road			<b>No. of residential units</b>	0
<b>Soil Technical Category</b>	NA	<b>Importance Level</b>	2	<b>Approximate Year Built</b>	1950's
<b>Foot Print (m<sup>2</sup>)</b>	64	<b>Stories above ground</b>	1	<b>Stories below ground</b>	0
<b>Type of Construction</b>	Light roof, timber framed walls, concrete perimeter beams, concrete piles, suspended timber floor.				

## Quantitative L5 Report Results Summary

<b>Building Occupied</b>	Y	The Ataahua Domain Tennis Club Rooms are currently in use.
<b>Suitable for Continued Occupancy</b>	Y	The Ataahua Domain Tennis Club Rooms are suitable for continued occupation.
<b>Key Damage Summary</b>	Y	Refer to summary of building damage section 3.1 report body.
<b>Critical Structural Weaknesses (CSW)</b>	N	There were no critical structural weaknesses found.
<b>Levels Survey Results</b>	Y	Floor levels are within tolerance.
<b>Building %NBS From Analysis</b>	53%	Based on an analysis of bracing capacity and demand, limited by water tank.

## Approval

<b>Author Signature</b>		<b>Approver Signature</b>	
<b>Name</b>	Thomas Bolton	<b>Name</b>	Luis Castillo
<b>Title</b>	Structural Engineer	<b>Title</b>	Structural Engineer



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