



Hornby Multicultural Centre
Administration Building
Qualitative Engineering Evaluation

Reference: 227684
Prepared for:
Christchurch City Council

Functional Location ID: PRO 2522 002


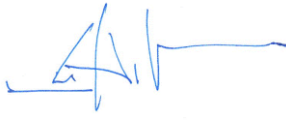
Revision: 3

Address: 153 Gilberthorpes Road, Hornby

Date: 28 June 2013

Executive Summary

This is a summary of the Qualitative Engineering Evaluation for the Hornby Multicultural Centre Administration Building building 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.

Building Details	Name	Hornby Multicultural Centre Administration Building			
Building Location ID	PRO 2522 002	Multiple Building Site	Y		
Building Address	153 Gilberthorpes Road, Hornby	No. of residential units	0		
Soil Technical Category	TC1	Importance Level	2	Approximate Year Built	1940s
Foot Print (m²)	390	Storeys above ground	1	Storeys below ground	0
Type of Construction	Timber framed roof, plasterboard lined timber framed walls, timber floor with timber and concrete pile foundations.				
Qualitative L4 Report Results Summary					
Building Occupied	Y	The Hornby Multicultural Centre Administration Building is currently in use.			
Suitable for Continued Use	Y	The Hornby Multicultural Centre Administration Building is suitable for continued use. Refer section 6 of report body.			
Key Damage Summary	Y	Refer to summary of building damage Section 3.1 of report body.			
Critical Structural Weaknesses (CSW)	N	No critical structural weaknesses were identified.			
Levels Survey Results	Y	Variations in floor levels were within the DBH's Guidelines, with falls of less than 1:200 or 0.5%.			
Building %NBS From Analysis	Estimated 62%	Based on out checks for bracing adequacy. Building assessed as "moderate risk" category according to NZSEE guidelines refer Figure C1 in Appendix C.			
Qualitative L4 Report Recommendations					
Geotechnical Survey Required	N	Geotechnical survey not required due to lack of observed ground damage on site.			
Proceed to L5 Quantitative DEE	N	A quantitative DEE is not required for this structure.			
Approval					
Author Signature		Approver Signature			
Name	Christopher Bong	Name	Luis Castillo		
Title	Structural Engineer	Title	Senior Structural Engineer		



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