



Worcester Street Toilets  
Quantitative Engineering  
Evaluation

**Reference:** 237801

**Prepared for:**  
Christchurch City Council

Functional Location ID: PRK 0797 BLDG 002



**Revision:** 2

Address: 388 Worcester Street, Linwood

**Date:** 11 September 2013

# Executive Summary

This is a summary of the Quantitative Engineering Evaluation for the Worcester Street Toilets 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.

<b>Building Details</b>	<b>Name</b>	Worcester Street Toilets			
<b>Building Location ID</b>	PRK 0797 BLDG 002			<b>Multiple Building Site</b>	Y
<b>Building Address</b>	388 Worcester Street, Linwood			<b>No. of residential units</b>	0
<b>Soil Technical Category</b>	NA	<b>Importance Level</b>	2	<b>Approximate Year Built</b>	1970's
<b>Foot Print (m<sup>2</sup>)</b>	30	<b>Storeys above ground</b>	1	<b>Storeys below ground</b>	0
<b>Type of Construction</b>	Heavy concrete roof, unreinforced concrete masonry walls, slab on grade floor.				
<b>Quantitative L5 Report Results Summary</b>					
<b>Building Occupied</b>	Y	The Worcester Street Toilets are currently in use.			
<b>Suitable for Continued Occupancy</b>	Y	The Worcester Street Toilets 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	No critical structural weaknesses were identified.			
<b>Levels Survey Results</b>	Y	Variations in floor levels were within the DBH's Guidelines, with falls of less than 1:200 or 0.5%.			
<b>Building %NBS From IEP</b>	37%	Based on an analysis of capacity and demand.			
<b>Approval</b>					
<b>Author Signature</b>			<b>Approver Signature</b>		
<b>Name</b>	Hugh Burnett		<b>Name</b>	Lee Howard	
<b>Title</b>	Structural Engineer		<b>Title</b>	Senior Structural Engineer	



**Aurecon New Zealand Limited**

**Level 2, 518 Colombo Street  
Christchurch Central**

PO Box 1061  
Christchurch 8140  
New Zealand

**T** +64 3 375 0761

**F** +64 3 379 6955

**E** [christchurch@aurecongroup.com](mailto:christchurch@aurecongroup.com)

**W** [aurecongroup.com](http://aurecongroup.com)

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