

1. Executive Summary

1.1. Background

A Qualitative Assessment was carried out on PRK_0894_BLDG_002 EQ2 Building 2 - Toilet, located at Cypress Garden Reserve. The building is a steel frame structure supported by steel posts. An aerial photograph illustrating the location of Building 2 is shown below in Figure 1. A detailed description outlining the building age and construction type is given in Section 5 of this report.



■ Figure 1: Aerial Photograph of PRK_0894_BLDG_002 EQ2

The qualitative assessment broadly includes a summary of the building damage as well as an initial assessment of the current Seismic Capacity compared with current seismic code loads using the Initial Evaluation Procedure (IEP).

This Qualitative report for the building structure is based on the Detailed Engineering Evaluation Procedure document (draft) issued by the Structural Advisory Group on 19 July 2011, visual inspection on 24 April 2012 and structural drawings.

1.2. Key Damage Observed

No damage was observed to the structure at the time of the inspection.

1.3. Critical Structural Weaknesses

No critical structural weaknesses have been identified.



1.4. Indicative Building Strength (from IEP and CSW assessment)

Based on the information available, and using the NZSEE Initial Evaluation Procedure, the building's original capacity has been assessed to be in the order of 100%NBS and due to the lack of damage that has occurred as a result of the earthquake/s, the post earthquake capacity remains the same.

The building has been assessed to have a seismic capacity in the order of 100% NBS and is therefore not earthquake prone.

1.5. Recommendations

It is recommended that:

- a) No placard was displayed on the building however we recommend that the current placard status of the building be Green 1.
- b) We consider that barriers around the building are not necessary.