

STEP ONE: General Information of the Retrofitted Building

A. Owner

→

- Not sure
- Public
- Private

B. General maintenance condition of building before rehabilitation

→

- Not sure
- Good
- Fair
- Poor

C. The extent of alteration having been done to original structure before conducting retrofit construction work

→

- Not sure
- Significant
- Insignificant
- None

D. Availability of building as-built information, drawings and other records (at the time of retrofit study)

(Please select the available as-built documents)

<input type="radio"/> Not sure	<input type="radio"/> Material properties test report (in situ or laboratory)
<input type="radio"/> Architectural drawings	<input type="radio"/> Geotechnical and/or site specific seismicity report
<input type="radio"/> Structural drawings	<input type="radio"/> Construction quality assurance report
<input type="radio"/> Construction (contract) drawings	<input type="radio"/> Documents from previously conducted seismic assessment and retrofit
<input type="radio"/> Building design data report (including specification, calculation, reference standards, and codes from the period of construction)	<input type="radio"/> Other

STEP TWO: Structural and Geotechnical Information of the Retrofitted Building

A. Foundation and geologic site hazards

(Please mark the most likely geological deficiencies)

- | | |
|---|--|
| <input type="radio"/> Not sure | <input type="radio"/> Stability or slope failure |
| <input type="radio"/> Surface fault rupture | <input type="radio"/> Flooding or inundation |
| <input type="radio"/> Liquefaction | <input type="radio"/> Other |
| <input type="radio"/> Land sliding | |

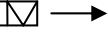
B. Structural deficiencies before retrofitting

(Please mark the most likely structural weaknesses having severe or significant effect on building seismic performance)

- | | |
|---|---|
| <input type="radio"/> Plan irregularity | <input type="radio"/> Hazard of pounding with adjacent building |
| <input type="radio"/> Vertical irregularity | <input type="radio"/> Evidence of settlement |
| <input type="radio"/> Soft story | <input type="radio"/> Other |
| <input type="radio"/> Short column | <input type="radio"/> Not sure |

STEP THREE: Complementary Information and Documents

A. The most likely code or design guideline used for retrofit design



- **New Zealand guideline**
 - The Red Book (1985)
 - The Red Book (second version) (1995)
 - The Green Book (1996)
 - The White Book (2006)
 - Other (please specify in the following box)
- **United States guideline**
 - FEMA 273 (1997)
 - FEMA 356 (2000)
 - Other (please describe)
- **Guideline of other countries (please specify in the following box)**
- **Not sure**

B. Estimate of fundamental period of vibration of existing structure before rehabilitation (T) in second

C. Please provide the following of available

Photo(s) of original building (before rehabilitation)

Photo(s) of rehabilitation work

Photo(s) of retrofitted building

Sketch of building