



### HB Regional Hospital Hastings

### HBDHB DESCRIPTION – Harding Hall - HA06

2-S5000.00



#### INTRODUCTION:

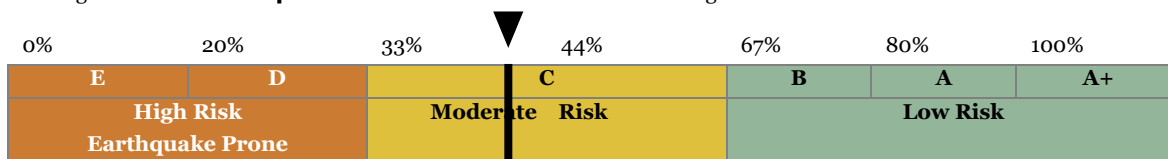
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Harding Hall, HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external non-invasive visual inspections, and an estimation of %NBS using the IEP process. Previous assessments have been used for deriving the IEP's and the values derived from detailed assessments have been adopted. Serviceability Limit State assessments for IL 4 buildings are not included.

#### BUILDING DESCRIPTION:

<b>Building Name:</b>	Harding Hall	<b>Building Use:</b>	Human Resources
<b>Design/Constructed/Upgraded:</b>	1953	<b>Importance Level</b>	2
<b>General Shape:</b>	Irregular	<b>No. of Storeys:</b>	1
<b>Longitudinal Lateral Load Resisting System:</b>	Light timber framing	<b>Transverse Lateral Load Resisting System:</b>	Light timber framing
<b>Foundation System:</b>	Unknown	<b>Other Level Floor Systems:</b>	N/A
<b>Roof System:</b>	Light timber truss	<b>Primary Cladding Type:</b>	Stucco (assumed)
<b>Most Recent Previous Assessment:</b>	<b>Year:</b> 2005 <b>By:</b> Holmes Consulting Group <b>Assessment:</b> Informal SPS 67%		
<b>Other Comments:</b>	Probable candidate for comprehensive ISA		

#### INITIAL EVALUATION PROCEDURE:

Harding Hall is assessed as **41% NBS** when considered as an IL2 building.



	Longitudinal	Transverse
<b>Baseline %NBS</b>	20	20
<b>Factors Influencing Baseline</b>	-	-
<b>Critical Structural Weaknesses</b>	-	-
<b>Modification Factors</b>	2.0	2.0
<b>Influence on Modification Factor</b>	MOE guidelines. MF reduced to account for structure height.	
<b>%NBS</b>	<b>41% NBS</b>	<b>41% NBS</b>

<b>Prepared by:</b>	R Ferguson	<b>Date:</b>	10 October 2013
<b>Reviewed by:</b>	N Evans	<b>CPEng No:</b>	19656
<b>Released by:</b>	N Evans	<b>Report Issue:</b>	