



### HB Regional Hospital Hastings

### HBDHB DESCRIPTION – Facilities (Office) HA17

2-S5000.00



#### INTRODUCTION:

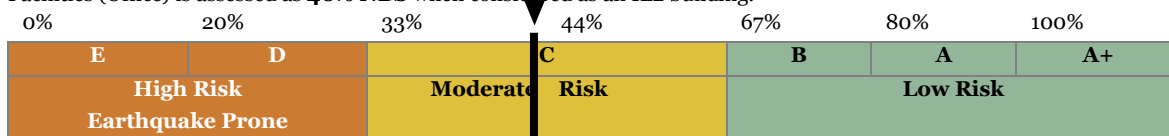
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Facilities (Office), HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external 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>	Facilities	<b>Building Use:</b>	Office Space
<b>Design/Constructed/Upgraded:</b>	1940	<b>Importance Level</b>	2
<b>General Shape:</b>	Rectangular	<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>	Ring beam & piles	<b>Other Level Floor Systems:</b>	N/A
<b>Roof System:</b>	Timber trusses	<b>Primary Cladding Type:</b>	Weatherboards
<b>Most Recent Previous Assessment:</b>	<b>Year: 2013      By: Opus      Assessment: IEP 36% NBS IL2</b>		
<b>Other Comments:</b>	Probable candidate for a comprehensive ISA		

#### INITIAL EVALUATION PROCEDURE:

Facilities (Office) is assessed as **40% NBS** when considered as an IL2 building.



	Longitudinal	Transverse
<b>Baseline %NBS</b>	24	24
<b>Factors Influencing Baseline</b>	-	-
<b>Critical Structural Weaknesses</b>	-	-
<b>Modification Factors</b>	1.5	1.5
<b>Influence on Modification Factor</b>	MOE guidelines and potential lack of ceiling diaphragms	
<b>%NBS</b>	<b>40% NBS</b>	<b>40% NBS</b>

<b>Prepared by:</b>	R Ferguson	<b>Date:</b>	11 November 2016
<b>Reviewed by:</b>	N Evans	<b>CPEng No:</b>	19656
<b>Released by:</b>	N Evans	<b>Report Issue:</b>	