



### HB Regional Hospital, Hastings

### HBDHB DESCRIPTION – Block A Extension HA32A

2-S5000.00



#### INTRODUCTION:

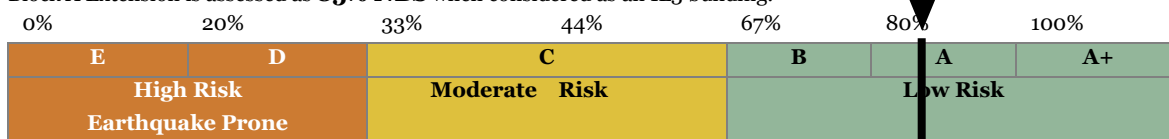
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Block A Extension, HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external 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>	Block A	<b>Building Use:</b>	Medical Services
<b>Design/Constructed/Upgraded:</b>	Late 1970's	<b>Importance Level</b>	3
<b>General Shape:</b>	Rectangle	<b>No. of Storeys:</b>	1
<b>Longitudinal Lateral Load Resisting System:</b>	RC Frame	<b>Transverse Lateral Load Resisting System:</b>	RC Frame
<b>Foundation System:</b>	R C Slab	<b>Other Level Floor Systems:</b>	N/A
<b>Roof System:</b>	Steel Roof Structure	<b>Primary Cladding Type:</b>	Unknown
<b>Most Recent Previous Assessment:</b>	<b>Year:</b>	<b>By:</b>	<b>Assessment:</b>
<b>Other Comments:</b>	Detailed Seismic Assessment and an SLS Assessment recommended		

#### INITIAL EVALUATION PROCEDURE:

Block A Extension is assessed as **85% NBS** when considered as an IL3 building.



	Longitudinal	Transverse
<b>Baseline %NBS</b>	68	68
<b>Factors Influencing Baseline</b>	-	-
<b>Critical Structural Weaknesses</b>	-	-
<b>Modification Factors</b>	1.25	1.25
<b>Influence on Modification Factor</b>	Site specific seismic study	
<b>%NBS</b>	<b>85% NBS</b>	<b>85% NBS</b>

<b>Prepared by:</b>	R Ferguson	<b>Date:</b>	4 October 2017
<b>Reviewed by:</b>	N Evans	<b>CPEng No:</b>	19656
<b>Released by:</b>	N Evans	<b>Report Issue:</b>	