



### HB Regional Hospital Hastings

### HBDHB DESCRIPTION – Child Development Block B HA09A

2-\$5000.00



#### INTRODUCTION:

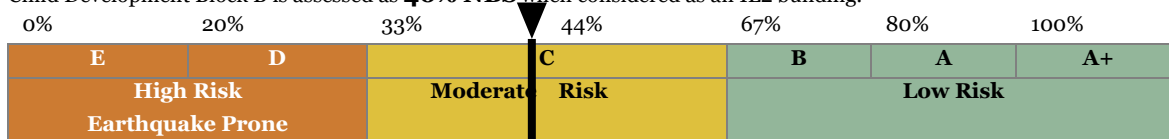
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Child Development Block B, HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal 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>	Child Development Unit	<b>Building Use:</b>	Medical Services
<b>Design/Constructed/Upgraded:</b>	1951	<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 and piles	<b>Other Level Floor Systems:</b>	N/A
<b>Roof System:</b>	Light steel cladding	<b>Primary Cladding Type:</b>	Brick veneer cladding
<b>Most Recent Previous Assessment:</b>	<b>Year:</b> 2013 <b>By:</b> Opus <b>Assessment:</b> IEP 36% NBS (IL2)		
<b>Other Comments:</b>	Probable candidate for a comprehensive ISA		

#### INITIAL EVALUATION PROCEDURE:

Child Development Block B is assessed as **40% 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>	Exterior wall brick veneer is a potential CSW-	Exterior wall brick veneer is a potential CSW -
<b>Modification Factors</b>	1.75	1.75
<b>Influence on Modification Factor</b>	MOE guidelines with reduction for brick veneer. Multiple internal walls	
<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>	