

**HB Regional Hospital
Hastings****HBDHB DESCRIPTION – Cardiology (Villa 2)
HA18**

2-S5000.00

**INTRODUCTION:**

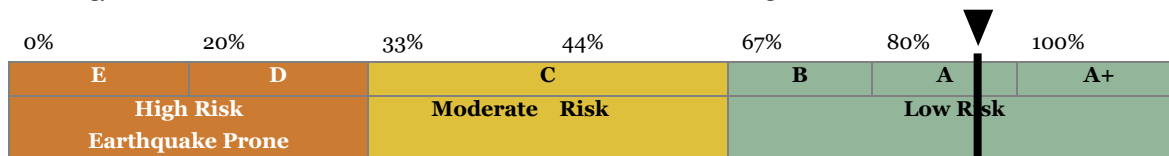
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Cardiology (Villa 2), HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external non-invasive visual inspections, and an estimation of %NBS using the IEP process 2006. 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:

Building Name:	Cardiology (Villa 2)	Building Use:	Medical Services
Design/Constructed/Upgraded:	C 1940, U 1997	Importance Level	4
General Shape:	Rectangle	No. of Storeys:	2
Longitudinal Lateral Load Resisting System:	Reinforced concrete frames & shear walls	Transverse Lateral Load Resisting System:	Reinforced concrete frames & shear walls
Foundation System:	Concrete slab and piles	Other Level Floor Systems:	Concrete slab
Roof System:	Steel framed structure	Primary Cladding Type:	N/A
Most Recent Previous Assessment:	Year: 2005 By: Holmes Consulting Group Assessment: SPS 100%		
Other Comments:	Although shear walls dominate, short columns may affect performance. IL4 SLS assessment recommended		

INITIAL EVALUATION PROCEDURE:

Cardiology (Villa 2) is assessed as **87% NBS** when considered as an IL4 building.



	Longitudinal	Transverse
Baseline %NBS	69	69
Factors Influencing Baseline	-	-
Critical Structural Weaknesses	-	-
Modification Factors	1.25	1.25
Influence on Modification Factor	Site specific seismic study	
%NBS	87% NBS	87% NBS

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