

Moera	Community House , Hutt City		By: Date:	GSF
Moera	······································	D	)ate:	20/00/2040
		P	Revision No.:	26/08/2019 : 0
		<u> </u>	evision no	0
Initial Evaluation	Procedure Step 2			
ination of (%NBS) b				
for particular building - refer	Section B5)			
ominal (%NBS) = (%NBS	i) nom	Longitudinal		Transverse
engthening Data				
	engthened in this direction			
ned, enter percentage of coc	e the building has been strengthened	to N/A		N/A
un/Strengthening, Building	Type and Seismic Zone			
ni oli oli gli oli nig	Type and belonite Lone	Pre 1935		Pre 1935 🔿
		1935-1965 🔘		1935-1965 🔘
		1965-1976		1965-1976
				1976-1984 O 1984-1992 O
				1984-1992
		2004-2011		2004-2011
		Post Aug 2011		Post Aug 2011 🔘
	Building Type:	Others 🛡	,	Others
	Seismic Zone:	Not applicable	÷	Not applicable
rom NZS1170.5:2004, CI 3.	1.3 :	D Soft Soil	·	D Soft Soil
		Not applicable	÷	Not applicable
riod, <i>T</i>				
		$h_n = 5$		5 m
		$A_{c} = 1.00$		1.00 m <sup>2</sup>
5	$T = \max\{0.09h_n^{0.75}, 0.4\}$	0		0
		0		
				$\tilde{\bullet}$
	$T = \max\{0.09h_n^{0.75}/A_c^{0.5}, 0.4\}$	0		
	<i>T</i> <u>&lt;</u> 0.4sec	•		0
	es from the base of the structure to the	U		0
		<b>T:</b> 0.40		0.40
	ing result from (a) above (set to 1.0	Factor A: 1.00		1.00
	Figure 3A.1 using	Factor B: 0.03		0.03
For reinforced concrete buildings de	signed between 1976-84 Factor	Factor C: 1.00		1.00
and Napier (1931-1935) where Fac		Factor D: 1.00		1.00
AxBxCxD	(	<b>%NBS</b> ) <sub>nom</sub>		3%
	rom NZS1170.5:2004, Cl 3. rom NZS1170.5:2004, Cl 3. rom NZS4203:1992, Cl 4.6.3 rom NZS4203:1992, Cl 4.6.3 ior 1992 to 2004 and only if riod, <i>T</i> isting Concrete Frames: Braced Steel Frames: Braced Steel Frames: Braced Steel Frames: me Structures: ear Walls ar Walls: l (input Period): <i>Where h<sub>n</sub> = height in metre</i> <i>uppermost seismic weight in</i> Strengthening factor determined usi if not strengthened) Determined from NZSEE Guidelines results (a) to (e) above For reinforce concrete buildings de C = 1.2, otherwise take as 1.0. For buildings designed prior to 1933	ng is known to have been strengthened in this direction hed, enter percentage of code the building has been strengthened gr/Strengthening, Building Type and Seismic Zone Building Type: Seismic Zone: Tom NZS1170.5:2004, Cl 3.1.3 : rom NZS4203:1992, Cl 4.6.2.2 : for 1992 to 2004 and only if known) riod, T Sting Concrete Frames: $T = max(0.09h_n^{0.75}, 0.4)$ isting Steel Frames: $T = max(0.09h_n^{0.75}, 0.4)$ Braced Steel Frames: $T = max(0.09h_n^{0.75}, 0.4)$ Braced Steel Frames: $T = max(0.09h_n^{0.75}, 0.4)$ me Structures: $T = max(0.09h_n^{0.75}, 0.4)$ me Structures takes a structure to the structure	In gis known to have been strengthened in this direction       Image: marked in the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       NA         Indicating the percentage of code the building has been strengthened to       Indicating the percentage of the structure to the percentage of the structure to the uppercentage steel frames:       T = max(0.040, ^3, 0.4), 0.4, 0.4, 0.4, 0.4, 0.4, 0.4, 0.4, 0.4	ng is known to have been strengthened in this direction ned, enter percentage of code the building has been strengthened to N/A  p/Strengthening, Building Type and Seismic Zone  Pre 1935 0 1995-1986 0 1995-198

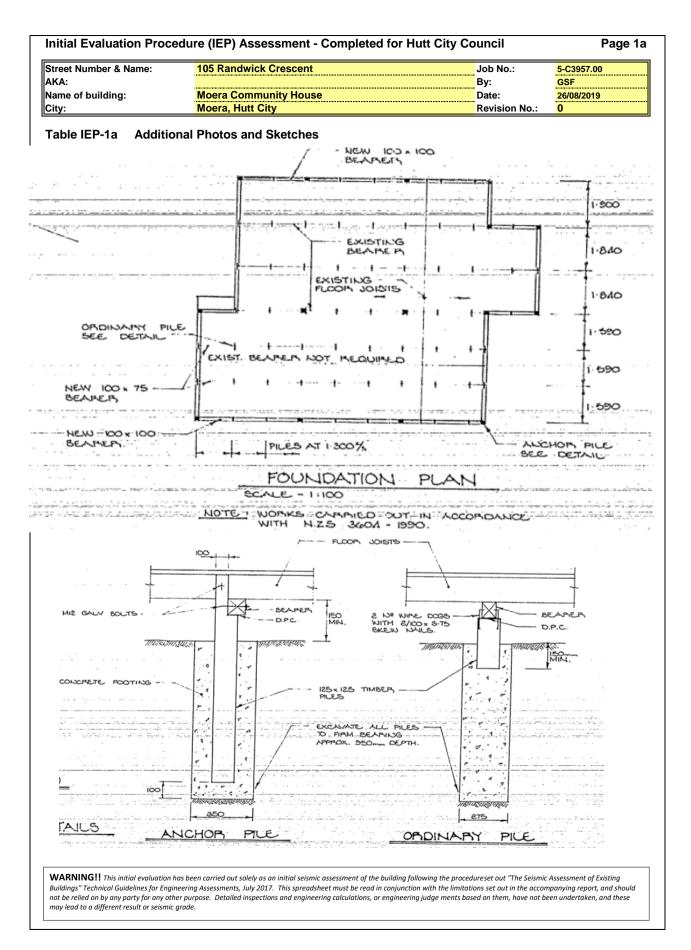
Initial Evaluation Proced	ure (IEP) Asses	sment - C	Completed for Hutt City Completed	ouncil	Page 3
Street Number & Name:	105 Randwick C	rescent		Job No.:	5-C3957.00
AKA:				By:	GSF
Name of building: City:	Moera Commun Moera, Hutt City	#		Date: Revision No.:	26/08/2019 0
	·			Revision No	<u> </u>
Table IEP-2       Initial Eva         2.2 Near Fault Scaling Factor, F	Iluation Procedu	ire Step 2	continued		
If $T \leq 1.5 \sec$ , Factor E = 1			Longitudinal		Transverse
a) Near Fault Factor, N(T,D)			N(T,D): 1		1
(from NZS1170.5:2004, CI 3.1.6)				-	
b) Factor E		= 1/N(T,D)	Factor E: 1.00		1.00
2.3 Hazard Scaling Factor, Fact	tor F				
a) Hazard Factor, Z, for site Location	Hutt Valley-south of Taita	Gorge 🔻	Refer right for user-defined locat	ions	
		1	-	10113	
Z Z <sub>1992</sub>	· · · · · · · · · · · · · · · · · · ·		5:2004, Table 3.3) Zone Factor from accompanying Figure 3.5(b)	\ \	
Z <sub>1992</sub> Z <sub>2004</sub>			5:2004, Table 3.3)	)	
b) Factor F		2			
For pre 1992	=	1/Z			
For 1992-2011 For post 2011	=	Z <sub>1992</sub> /Z Z <sub>2004</sub> /Z			
	=	2004/2	Factor F: 2.50	]	2.50
<ul> <li>public building set to 1.33 for Zone A o</li> <li>b) Design Risk Factor, R<sub>o</sub> (set to 1.0 if other than 1976-2004, or</li> <li>c) Return Period Factor, R (from NZS1170.0:2004 Building Impol</li> <li>d) Factor G</li> <li>2.5 Ductility Scaling Factor, Factor, Factor, A</li> <li>a) Available Displacement Ductit Comment:</li> <li>Lightweight timber</li> </ul>	not known) rtance Level) = ctor H	<u>Choose Impo</u> IR <sub>o</sub> /R	$R_{o} = \boxed{1}$ $P_{o} = \boxed{1}$ $R_{o} = \boxed{1}$ $R = \boxed{1.0}$ Factor G: 1.00 $\mu = \boxed{2.00}$	] 04 01 ] ]	1 ©2 ○3 ○4 1.0 1.00 2.00
b) Factor H	For pre 1976 (maxim For 1976 onwards	um of 2)	= 1.57 = 1 Factor H: 1.57	,	κ <sub>μ</sub> 1.57 1 1.57
(where $k\mu$ is NZS1170.5:2004 Inelasti	c Spectrum Scaling Factor, fr	om accompanying		•	1.01
2.6 Structural Performance Sca a) Structural Performance Facto	-				
(from accompanying Figure 3.4) Tick if light timber-framed const	ruction in this direction		S <sub>p</sub> = 0.50	1	✓ 0.50
b) Structural Performance Scali Note Factor B values for 1992 to 200	-	$= 1/S_p$ 7 to account for S	Factor I: 2.00	]	2.00
2.7 Baseline %NBS for Building (equals (%NBS) <sub>nom</sub> x E x F x			22%	]	22%
Buildings" Technical Guidelines for Engineer	ring Assessments, July 2017. ourpose. Detailed inspections	This spreadsheet	sessment of the building following the procea t must be read in conjunction with the limitatı ç calculations, or engineering judge ments bas	ions set out in the accor	mpanying report, and should

eet Number & Name:	105 Randwick Crescent		Job No.:	5-C3957.00
A:			By:	GSF
me of building: y:	f building: Moera Community House Moera, Hutt City		Date: Revision No.:	26/08/2019 0
				•
ble IEP-3 Initial Eva	aluation Procedure Step 3			
ep 3 - Assessment of Perf fer Appendix B - Section B3.2)	ormance Achievement Ratio (PAR)			
Longitudinal Direction				
potential CSWs		ural Performance Do not interpolate)		Facto
Plan Irregularity		i	o hasimultisent	
Effect on Structural Performan Comment: Nil	ce () severe () s	ignificant	Insignificant	Factor A 1.0
Vertical Irregularity				
Effect on Structural Performan	ce 🔿 Severe 💦 S	ignificant	⊜ Insignificant	Factor B 1.0
Short Columns				
Effect on Structural Performan Comment: Nil	ce 🔿 Severe 💦 S	ignificant	Insignificant	Factor C 1.0
	building has a frame structure. For stiff buil the coefficient to the right of the value app			]
Values given assume the	the coefficient to the right of the value app		al Direction: 1.0	<u> </u>
Values given assume the l may be reduced by taking Table for Selection	the coefficient to the right of the value apprenties of Factor D1	icable to frame building or D1 For Longitudin Severe Signifi	<b>al Direction:</b> 1.0 cant Insignificant ⊳.01H Sep>.01H	
Values given assume the I may be reduced by taking Table for Selection Al Alignr	the coefficient to the right of the value appr Fact of Factor D1 Separation	or D1 For Longituding Severe Signifi 0 <sep<.005h .005<sep<="" th=""><th>al Direction: 1.0 cant Insignificant ⊳.01H Sep&gt;.01H €1</th><th></th></sep<.005h>	al Direction: 1.0 cant Insignificant ⊳.01H Sep>.01H €1	
Values given assume the I may be reduced by taking Table for Selection	the coefficient to the right of the value appr Fact of Factor D1 Separation lignment of Floors within 20% of Storey Height ment of Floors not within 20% of Storey Height Difference Effect	or D1 For Longituding Severe Signifi 0 <sep<.005h .005<sep<br="">01 01 00.4 00</sep<.005h>	IS. al Direction: 1.0 cant Insignificant x.01H Sep>.01H ©1 .7 O0.8	
Values given assume the I may be reduced by taking Table for Selection Ai Alignm Comment: Nil	the coofficient to the right of the value apprending to the right of the value apprending to the value apprending the value of Floors of Floors within 20% of Storey Height the value of Floors not within 20% of Storey Height th	or D1 For Longitudin Severe Signifi 0 <sep<.005h .005<sep<br="">O1 O1</sep<.005h>	al Direction: 1.0 cant Insignificant ><.01H Sep>.01H €1 .7 O0.8 al Direction: 1.0	
Values given assume the I may be reduced by taking Table for Selection Al Aligne Comment: Nil b) Factor D2: - Height	the coofficient to the right of the value appured of Factor D1 Separation lignment of Floors within 20% of Storey Height nent of Floors not within 20% of Storey Height Difference Effect Factor D2	iccable to frame building         or D1 For Longitudin         Severe       Signifition         0 <sep< td="">       .005<sep< td="">         01       01         00.4       00         or D2 For Longitudin       Severe         Severe       Signifition         Severe       Signifition         0       0.4         0       0.4         0       0.4         0       0.4         0       0.4         0       0.4         0       0.4         0       0.4         0       0.4</sep<></sep<>	al Direction: 1.0 cant Insignificant .01H Sep>.01H .7 Oo.8 al Direction: 1.0 cant Insignificant .01H Sep>.01H	
Values given assume the I may be reduced by taking Table for Selection Al Aligne Comment: Nil b) Factor D2: - Height	the coofficient to the right of the value apprending to the right of the value apprending to the value apprending the value of Floors of Floors within 20% of Storey Height the value of Floors not within 20% of Storey Height th	iccable to frame building         or D1 For Longitudin         Severe       Signifi         0 <sep<.005h< td="">       .005<sep< td="">         01       01         00.4       00         or D2 For Longitudin       Severe         Severe       Signifi         Severe       Signifi</sep<></sep<.005h<>	IS. al Direction: 1.0 cant Insignificant 	
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Values given assume the I may be reduced by taking Table for Selection Al Aligne Comment: Nil b) Factor D2: - Height	the coofficient to the right of the value appured of Factor D1 Separation ignment of Floors within 20% of Storey Height ment of Floors not within 20% of Storey Height Difference Effect Factor D2 Height Difference > 4 Storeys Height Difference 2 to 4 Storeys	or D1 For Longituding           Severe         Signifi           0 <sep<.005h< td="">         .005<sep< td="">           01         01           00.4         00           Severe         Signifi           0&lt;0.4</sep<></sep<.005h<>	al Direction: 1.0 cant Insignificant .01H Sep>.01H .7 Oo.8 al Direction: 1.0 cant Insignificant .01H Sep>.01H 7 ©1	
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Values given assume the I may be reduced by taking Table for Selection Al Aligne Comment: Nil b) Factor D2: - Height Table for Selection Comment: Nil	the coofficient to the right of the value appurent of floors to the right of the value appurent of Floors within 20% of Storey Height the ment of Floors not within 20% of Storey Height Difference Effect  Difference Effect  Height Difference > 4 Storeys Height Difference > to 4 Storeys Height Difference < 2 Storeys Height Difference < 2 Storeys Height Difference < 2 Storeys  Height Difference < 3 Storeys	icable to frame building         or D1 For Longitudin         Severe       Signifiti         0 <sep<.005h< td="">       .005<sep< td="">         01       01         00.4       00         or D2 For Longitudin         Severe       Signifiti         0<sep<.005h< td="">       .005<sep< td="">         0.4       00         0       .005         0.4       .005         0.04       .005         0.04       .005         0.04       .005         0.01       .01</sep<></sep<.005h<></sep<></sep<.005h<>	al Direction: 1.0	Factor D 1.0
Values given assume the I may be reduced by taking Table for Selection Alignet Comment: Nil b) Factor D2: - Height Table for Selection Comment: Nil Site Characteristics - Stable Effect on Structural Performan Comment: No impact on performan Comment: No impact on performan Comment: No impact on performan	the coofficient to the right of the value apport Fact of Factor D1 Separation lignment of Floors within 20% of Storey Height ment of Floors not within 20% of Storey Height Difference Effect Fact of Factor D2 Height Difference > 4 Storeys Height Difference < 2 Storeys Height Difference < 2 Storeys Height Difference < 2 Storeys Height Difference < 2 Storeys Height Difference < 3 Storeys Height Difference < 3 Storeys Height Difference < 3 Storeys Height Difference < 4 Storeys Height Difference < 3 Storeys Height Difference < 4 Storeys Height Difference < 3 Storeys Height Difference < 4 Storeys Height Difference < 4 Storeys Height Difference < 4 Storeys Height Difference < 5 Storeys Height Difference < 6 Storeys Height Difference < 6 Storeys Height Difference < 6 Storeys Height Difference < 6 Storeys Height Difference < 7 Storeys Height Difference < 8 Storeys H	icable to frame building         or D1 For Longitudin         Severe       Signifi         0 <sep<.005h< td="">       .005<sep< td="">         01       01         004       00         or D2 For Longitudin         Severe       Signifi         0<sep<.005h< td="">       .005<sep< td="">         004       00         005       .005         004       .00         007       .00         01       .01         02       .02         037       .00         04       .01         05       .01         05       .02         05       .03         004       .02         01       .01         02       .02         03       .01         01       .01         02       .02         037       .02         04       .02         05       .03         05       .04         05       .05         05       .05         05       .05         05       .05         04       .02<!--</td--><td>al Direction: 1.0 cant Insignificant isolitic Sep&gt;.01H 1.7 0.8 al Direction: 1.0 cant Insignificant isoliticant isoliticant 0.1 7 0.1 9 01 01 1.0 0.8 1.0 0.1 1.0 0.8 1.0 0.1 1.0 0.1 1.0 0.1 0.1 0.1</td><td>Factor D 1.0 spective Factor E 1.0</td></sep<></sep<.005h<></sep<></sep<.005h<>	al Direction: 1.0 cant Insignificant isolitic Sep>.01H 1.7 0.8 al Direction: 1.0 cant Insignificant isoliticant isoliticant 0.1 7 0.1 9 01 01 1.0 0.8 1.0 0.1 1.0 0.8 1.0 0.1 1.0 0.1 1.0 0.1 0.1 0.1	Factor D 1.0 spective Factor E 1.0
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reet Number & Name:	105 Randwick Crescent		Job	No.:	5-C3957.00
(A:			By:		GSF
me of building:	Moera Community House		Date		26/08/2019
ty:	Moera, Hutt City		Rev	ision No.:	0
able IEP-3 Initial Ev	valuation Procedure Step 3				
ep 3 - Assessment of Per efer Appendix B - Section B3.2)	formance Achievement Ratio (PAR)				
Transverse Direction					
potential CSWs		uctural Performar e - Do not interpola			Facto
Plan Irregularity	,	·	,		
Effect on Structural Perform	ance 🔿 Severe	Significant		Insignificant	Factor A 1.0
Comment: Nil					
2 Vertical Irregularity					
Effect on Structural Perform Comment: Nil	ance 🔿 Severe 🔗	Significant		Insignificant	Factor B 1.0
Short Columns					
Effect on Structural Perform	ance O Severe	Significant		Insignificant	Factor C 1.0
Comment: Nil					
	building has a frame structure. For stiff build g the coefficient to the right of the value appl			of pounding	
Values given assume the	g the coefficient to the right of the value appl		ildíngs.		]
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Values given assume the may be reduced by taking Table for Selection Align	g the coefficient to the right of the value appl Fa n of Factor D1 Separation Alignment of Floors within 20% of Storey Height mment of Floors not within 20% of Storey Height	ctor D1 For Trans Severe S 0 <sep<.005h .005<br="">O1</sep<.005h>	sverse Direct Significant Ins 5 <sep<.01h< td=""><td>ion: 1.0 significant Sep&gt;.01H ⊚1</td><td></td></sep<.01h<>	ion: 1.0 significant Sep>.01H ⊚1	
Values given assume the may be reduced by taking Table for Selection Align Comment: Nil b) Factor D2: - Heigh	g the coefficient to the right of the value appl Fa n of Factor D1 Separation Alignment of Floors within 20% of Storey Height t Difference Effect Fa	icable to frame bui       ctor D1 For Trans       Severe     S       0 <sep<.005h< td="">     .005       O1     .004       .004    </sep<.005h<>	sverse Direct Significant Ins 5 <sep<.01h O1 O0.7 Sverse Direct</sep<.01h 	ion: 1.0 significant Sep>.01H €1 ○0.8 ion: 1.0	
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reet Number & Nar	ne: 1	05 Randwick Crescent			Job No.:	5-C395	7.00
<b>Κ</b> Α:					By:	GSF	
ame of building:		Moera Community House			Date:	26/08/2	019
ty:	<u>r</u>	Moera, Hutt City			Revision N	lo.: 0	
able IEP-4 Ir	nitial Evalua	ation Procedure Steps	4, 5, 6 and	7			
ep 4 - Percentage	e of New Buil	ding Standard (%NBS)					
				Longit	udinal	Trans	verse
1 Assessed Base	line %NBS (%	«NBS) <sub>b</sub>		22	%	229	6
(from Table IEF	P - 1)						
2 Performance A		atio (PAR)		2.5	0	2.5	0
(from Table IEI	P - 2)						
3 PAR x Baseline	e (%NBS) <sub>b</sub>			55	%	559	/0
	w Building State two values from	andard (%NBS) - Seismic Ra	ating			55%	/0
		0.07 4.07					
ep 5 - Is <i>%NB</i> S <	34?					NC	
tep 6 - Potentially	Earthquake	Risk (is <i>%NBS</i> < 67)?				YE	S
ep 7 - Provisiona	I Grading for	Seismic Risk based on IF	- D				
	•	Delamic Mak based on h	EF				
	nents (items of	note affecting IEP based seism	nic rating)	1990	Seismic Gr	ade C	
Comment: Origina	nents (items of al chimney's rem	note affecting IEP based seism loved and piling upgraded to com	nic rating)	1990	Seismic Gr	ade C	
Comment: Origina	nents (items of al chimney's rem	note affecting IEP based seism	nic rating)	1990	Seismic Gr	ade C	
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A	e of building:	105 Randwick Crescent Moera Community House Moera, Hutt City	Job No.: By: Date: Revision No.:	5-C3957.00 GSF 26/08/2019 0
	o 8 - Identification of pote	luation Procedure Step 8 ential Severe Structural Weaknesses (SSWs significant number of occupants	s) that could result in	
ľ	Number of storeys above	ground level		1
2	Presence of heavy concre	ete floors and/or concrete roof? (Y/N)		N
	Potential Severe	Structural Weaknesses (SSWs):		
	Note: Options that are greyed	out are not applicable and need not be considered.		
	Occupancy not conside	ered to be significant - no further considera	ation required	
	Risk not considered to	be significant - no further consideration re	quired	
		Severe Structural Weaknesses (SSWs) hav Id result in significant risk to a significant i		
	1. None identified			
	2. Weak or soft storey (	except top storey)		
		or beam-column joints the deformations of ther structural elements	which are	
	4. Flat slab buildings w connections	ith lateral capacity reliant on low ductility s	ilab-to-column	
	5. No identifiable conne	ection between primary structure and diaph	nragms	
	6. Ledge and gap stairs			
	IEP Assessme	nt Confirmed by		
		been carried out solely as an initial seismic assessment of the build ring Assessments, July 2017. This spreadsheet must be read in con		



Information	

1. Building Information				
Building Name/ Description	Moera Community House			
Street Address	105 Randwick Crescent, Moera			
Territorial Authority	Hutt City Council			
No. of Storeys	1			
Area of Typical Floor (approx.)	120 sqm			
Year of Design (approx.)	Not confirmed assumed 1940			
NZ Standards designed to	Piles - NZS 3604:1990			
Structural System including Foundations	Timber framed structure with lined and diagonal timber braced walls with weatherboard cladding. Sarked timber framed roof and piled foundation.			
Does the building comprise a shared structural form or shares structural elements with any other adjacent titles?	Νο			
Key features of ground profile and identified geohazards	Flat even ground profile, subsoil D, variable potential for liquefaction			
Previous strengthening and/ or significant alteration	Relocated and re-piled in 1991			
Heritage Issues/ Status	Nil			
Other Relevant Information	Original chimneys removed 1991			

## ISA

2. Assessment Informa	tion
Consulting Practice	
<ul> <li>CPEng Responsible, including:</li> <li>Name</li> <li>CPEng number</li> <li>A statement of suitable skills and experience in the seismic assessment of existing buildings<sup>1</sup></li> </ul>	
Documentation reviewed, including: • date/version of drawings/ calculations <sup>2</sup> • previous seismic assessments	Re-piling plan and relocation plan dated 1991 Inspection confirmed roof sarking Diagonal timber bracing assumed, walls appeared to be original based on linings and condition
Geotechnical Report(s)	NA – subsoil assumed based on local knowledge refer to section 3
Date(s) Building Inspected and extent of inspection	21 August 2019
Description of any structural testing undertaken and results summary	None
Previous Assessment Reports	ΝΑ
Other Relevant Information	Nil

<sup>&</sup>lt;sup>1</sup> This should include reference to the engineer's Practice Field being in Structural Engineering, and

commentary on experience in seismic assessment and recent relevant training

 $<sup>^{2}</sup>$  Or justification of assumptions if no drawings were able to be obtained

3. Summary of Enginee	ering Assessment Methodology and Key Parameters Used
Occupancy Type(s) and Importance Level	Importance Level 2
Site Subsoil Class	D assumed based on local knowledge and <b>NZS1170.5:2004 Site Subsoil</b> Classification of Lower Hutt http://nzsee.org.nz/db/2011/013.pdf
For an ISA:	
<ul> <li>Summary of how Part B was applied, including:</li> <li>Key parameters such as μ, S<sub>p</sub> and F factors</li> <li>Any supplementary specific calculations</li> </ul>	Ductility – 2.0 lined and braced timber framed walls Sp Factor – 0.5 for lightweight timber structure F Factor – 2.5 both directions (maximum) based on the arrangement and length of the bracing walls, sarked roof with lightweight cladding and re-piled foundations.
For a DSA:	
Summary of how Part C was applied, including: • the analysis methodology(s) used from C2 • other sections of Part C applied	NA
Other Relevant Information	NA

4. Assessment Outcomes				
Assessment Status (Draft or Final)	Final			
Assessed %NBS Rating	55%NBS IL2			
Seismic Grade and Relative Risk (from Table A3.1)	C Grade 5 to 10 times risk comparable to new building			
For an ISA:				
Describe the Potential Critical Structural Weaknesses	None identified			
Does the result reflect the building's expected behaviour, or is more information/ analysis required?	Yes – the ISA is sufficient			
If the results of this ISA are being used for earthquake prone decision purposes, <u>and</u> elements rating <34%NBS have been identified:	Engineering Statement of Structural Weaknesses and Location NA	<i>Mode of Failure and Physical</i> <i>Consequence</i> Statement(s) NA		
For a DSA:				
Comment on the nature of Secondary Structural and Non-structural elements/ parts identified and assessed				
Describe the Governing Critical Structural Weakness				
If the results of this DSA are being used for earthquake prone decision purposes, <u>and</u> elements rating <34%NBS have been identified (including Parts) <sup>3</sup> :	Engineering Statement of Structural Weaknesses and Location	<i>Mode of Failure and Physical</i> <i>Consequence</i> Statement(s)		
Recommendations (optional for EPB purposes)				

<sup>&</sup>lt;sup>3</sup> If a building comprises a shared structural form or shares structural elements with other adjacent titles, information about the extent to which the low scoring elements affect, or do not affect the structure.