

Wall Bracing – applicable to Residential Dwellings and Commercial Properties

APPLICANT TO COMPLETE		<input type="checkbox"/> Not Applicable To Project	COUNCIL TO COMPLETE			<input type="checkbox"/> Vetting <small>(has there been information provided)</small>
Document ref or page # where information can be located		Compliance Method	Processing	Inspection	Code Clause	Processing/inspection notes if required
ID Not Applicable	RFI questions and responses					
	<input type="checkbox"/> Inspection not per consent out FM40 issued					
Mark if applicable and compliant, Highlight if RFI required.						
800	<input type="checkbox"/>	SED Wall bracing supported by PS1 from CpEng engineer and design summary reviewed by Stantec	<input type="checkbox"/>	<input type="checkbox"/>	B1	
801	<input type="checkbox"/>	Wall bracing calculations for correct wind zone, (ref NZS3604 5.2 and Table 5.1)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
802	<input type="checkbox"/>	The Building Height, Length and width is correctly identified (ref NZS3604 5.2.6, 5.2.7, 5.2.8, Fig 5.3)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
803	<input type="checkbox"/>	Wall bracing calculations, for correct earthquake zone, (ref NZS3604 5.3.2)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
804	<input type="checkbox"/>	Wall bracing calculations, for the correct site sub soil class. Note if anything other than E used SED by geotechnical investigation required (ref NZS3604 5.3.3)	<input type="checkbox"/>	<input type="checkbox"/>	B1	

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805	<input type="checkbox"/>	The correct cladding weight used for calculations (refNZS3604 sec 1 & 5)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
806	<input type="checkbox"/>	Part story in roof space/Basement (ref NZS3604 5.3.4.3, 5.3.4.4)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
807	<input type="checkbox"/>	Bracing demand for masonry and concrete chimneys (ref B1/AS3)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
808	<input type="checkbox"/>	Bracing capacity external walls >100 BU, 50% demand, 15 BUs / m (ref NZS 3604 5.4.3 & 5.4.7)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
809	<input type="checkbox"/>	Bracing capacity internal walls > 100 Bus, 50% total demand (ref NZS 3604 5.4.3 & 5.4.7)	<input type="checkbox"/>	<input type="checkbox"/>	B1	

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810	<input type="checkbox"/>	Does the bracing schedule match the bracing plan?	<input type="checkbox"/>	<input type="checkbox"/>	B1	
811	<input type="checkbox"/>	Wall bracing plan indicating type, location, length, relation to wall openings, dragon ties, Ceiling diaphragm, restricted zone like bath and showers	<input type="checkbox"/>	<input type="checkbox"/>	B1 B2	
812	<input type="checkbox"/>	Location of bracing elements 6.0m c/s, evenly distributed, wings, blocks, wet areas, split or discontinuous levels (ref NZS 3604 5.4.3 - 5.4.7)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
813	<input type="checkbox"/>	Requirements for joints in top plates for walls containing bracing clearly shown (ref NZS3604 8.7.3.3 & 8.7.3.4)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
814	<input type="checkbox"/>	Dragon ties to extend brace lines to 7.5m > 100 Bus, location (ref NZS 3604 8.3.3 & Fig 8.1)	<input type="checkbox"/>	<input type="checkbox"/>	B1	

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815	<input type="checkbox"/>	Ceiling diaphragm > 100 Bus, location, limitations (ref NZS 3604 Para 5.6 & 13.5)	<input type="checkbox"/>	<input type="checkbox"/>	B1	
816	<input type="checkbox"/>	Construction and fixing detail for all bracing elements used, refer current manufactures details	<input type="checkbox"/>	<input type="checkbox"/>	B1	
817	<input type="checkbox"/>	Penetrations and openings in bracing elements, eg plugs, electrical switchboard do not compromise bracing, as required by manufactures information	<input type="checkbox"/>	<input type="checkbox"/>	B1	
818	<input type="checkbox"/>	Penetrations and openings in ceiling diaphragms located within the middle third of the element? Such as stairs to an attic in a garage, etc. Manufacturers details	<input type="checkbox"/>	<input type="checkbox"/>	B1	