

## Hutt City Council

Pre-wrap (Framing)		
Building consent number:		
Site address:		
Building owner(s)	Name(s): Contact details:	
Location of building or building work within site/block number/building:		
Description:	This inspection is to check structural framing and its fixings.	
When to book this inspection	Book this inspection when all structural framing has been constructed.	
Building Inspector:	Name:	Warrant number:
Inspection date and time:	Click or tap to enter a date.	Time:
Inspection attendees:		
Next inspection:		
General		
Items to be checked	Help Text	
Outstanding items from previous inspection(s)	<p><i>Are there any outstanding items from previous inspection(s).</i></p> <p><i>If yes, fail the inspection.</i></p>	
Approval for any major changes to the granted building consent	<p><i>Check whether any changes to the granted building consent are going to be made or have been made.</i></p> <p><i>If a major change(s) is to occur or has occurred, has an application for an amendment to the building consent been made or issued?</i></p> <p><i>If no, take necessary enforcement actions.</i></p> <p><i>If the major change(s) affects the building work being inspected and no amendment to the</i></p>	

	<i>building consent has been issued for the major changes, fail the inspection.</i>
Construction and demolition hazards	<i>Are protection measures in place as per the building consent?</i>
An on-site copy of issued building consent documentation	<i>Is a copy of issued building consent documentation on site? If no, fail the inspection.</i>
Building work ready for inspection	<i>If no, the inspection is failed.</i>
Use of building products or building methods that have been banned or have warnings issued	<i>1) Check for the use of any building products or building methods that have been banned by MBIE. If used, fail the inspection.  2) Check for the use of any building products or building methods that have had warnings issued by MBIE. If used, check if building code compliance is compromised. If building code compliance is compromised, fail the inspection.</i>
Site instructions	<i>Check the land and any other structures for potential breaches of the Building Act 2004 and risks to people, property, and public infrastructure.</i>
<p><b>Documentation - all documentation required for this inspection, excluding the on-site copy of the issued building consent documentation, must have been uploaded onto the building consent file in Objective Build prior to the applicant requesting the inspection booking. If the required documents are not on the building consent file, then the inspection booking will be declined.</b></p>	
<ul style="list-style-type: none"> <li>• Site visit records from suitably qualified independent engineers</li> <li>• Pre-nail roof truss supplier PS3 and a scaled pre-nail roof truss plan</li> </ul>	
<p><b>Wall framing</b></p>	
<b>Items to be checked</b>	<b>Help Text</b>
Specific engineer design	<i>Is the wall framing designed by a chartered professional engineer (CPEng)?</i>

	<p><i>If yes, state CPEng's full name, registration number, Practice field(s) and CPEng status.</i></p> <p><i>State what wall framing has been designed by the CPEng.</i></p>
<p>Timber treatment and grade</p>	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Timber treatment, including treatment of cuts</i></li> <li><i>2) Timber grade</i></li> </ol>
<p>Steel fixing protection</p>	<p><i>Is the steel fixing protection as per the building consent?</i></p>
<p>Separation of timber wall framing and concrete or masonry</p>	<p><i>Has the contact between timber wall framing and concrete or masonry been avoided as per the building consent?</i></p>
<p>Bottom plate and fixings</p>	<p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Size of bottom plate</i></li> <li><i>2) Bottom plate fixings, including for wall bracing elements</i></li> </ol>
<p>External bracing elements and fixings</p>	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Material</i></li> <li><i>2) Length</i></li> <li><i>3) Location</i></li> <li><i>4) Fixings</i></li> </ol> <p><i>Check whether the following items are constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Joints</i></li> <li><i>2) Penetrations</i></li> </ol>

Bracing hold-down fixings	<i>Check whether the bracing hold-down fixings are as per the building consent.</i>
Studs	<i>Check whether the following items have been constructed as per the building consent:</i> <ol style="list-style-type: none"> <li>1) <i>Size of studs</i></li> <li>2) <i>Fixings of studs to other members</i></li> <li>3) <i>Lateral support to studs</i></li> <li>4) <i>Holes and notches in studs</i></li> </ol>
Lintels and fixings	<i>Check whether the following items are as per the building consent:</i> <ol style="list-style-type: none"> <li>1) <i>Material</i></li> <li>2) <i>Size</i></li> <li>3) <i>Fixings</i></li> <li>4) <i>Bearing on support members</i></li> <li>5) <i>Support members for the lintel</i></li> </ol>
Window sill height	<i>Have the sill heights been constructed as per the building consent?</i>
Top plate	<i>Check whether the following items have been constructed as per the building consent:</i> <ol style="list-style-type: none"> <li>1) <i>Size of top plate</i></li> <li>2) <i>Fixings of top plates to other members</i></li> <li>3) <i>Top plate joints</i></li> </ol>
Fire wall connections	<i>Are fire wall connections constructed as per the building consent?</i>
Solid blocking for fire wall	<i>Is the solid blocking for fire walls constructed as per the building consent?</i>
Fire mineral batts	<i>Have the fire mineral batts been installed in accordance with the building consent?</i>

Acoustic walls	<i>Have the acoustic walls been constructed as per the building consent?</i>
Posts	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Material</i></li> <li><i>2) Size</i></li> <li><i>3) Spacings</i></li> <li><i>4) Fixings</i></li> </ol>
Beams	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Material</i></li> <li><i>2) Size</i></li> <li><i>3) Spacings</i></li> <li><i>4) Bearing on support members</i></li> <li><i>5) Fixings</i></li> <li><i>6) Cantilever distance</i></li> <li><i>7) Support members for the beam</i></li> </ol>
Balustrades	<p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Height of balustrades</i></li> <li><i>2) Opening size within balustrades (if applicable)</i></li> <li><i>3) Fixings to other members</i></li> <li><i>4) Post spacing</i></li> </ol>

<b>Mid-floor framing</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Specific engineer design	<p><i>Is the mid-floor framing designed by a chartered professional engineer (CPEng)?</i></p> <p><i>If yes, state CPEng's full name, registration number, Practice field(s) and CPEng status.</i></p> <p><i>State what mid-floor framing has been designed by the CPEng.</i></p>
Timber treatment and grade	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Timber treatment, including treatment of cuts</i></li> <li><i>2) Timber grade</i></li> </ol>
Steel fixing protection	<i>Is the steel fixing protection as per the building consent?</i>
Separation of timber midfloor framing and concrete or masonry	<i>Has the contact between timber midfloor framing and concrete or masonry been avoided as per the building consent?</i>
Joist size, spacings, bearing on support members and their fixings	<i>Are joist size, spacings, bearing on support members, and fixings as per the building consent?</i>
Joist cantilever distance	<i>Is the joist cantilever distance as per the building consent?</i>
Holes and/or notches to floor joists	<i>Have the holes and/or notches to floor joists been constructed as per the building consent?</i>
Joint construction	<i>Are the joints in floor joists constructed as per the building consent?</i>

<p>Floor joist stiffener</p>	<p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) The size of the holes in floor joist</i></li> <li><i>2) Spacing of holes in floor joist</i></li> <li><i>3) Number of holes per floor joist</i></li> <li><i>4) Floor joist stiffener fixed to floor joist</i></li> </ol>
<p>Solid blocking to floor joist</p>	<p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Size of solid blocking</i></li> <li><i>2) Spacing of solid blocking</i></li> <li><i>3) Fixings of solid blocking</i></li> </ol>
<p>Point loads and loadbearing walls</p>	<ol style="list-style-type: none"> <li><i>1) Are point loads transferred to ground as per the building consent?</i></li> <li><i>2) Are the lower storey walls and joists supporting upper storey loadbearing walls positioned as per the building consent?</i></li> </ol>
<p>Beams</p>	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Material</i></li> <li><i>2) Size</i></li> <li><i>3) Spacings</i></li> <li><i>4) Bearing on support members</i></li> <li><i>5) Fixings</i></li> <li><i>6) Cantilever distance</i></li> <li><i>7) Support members for the beam</i></li> </ol>

Flooring	<i>Is the thickness of the flooring as per the building consent?</i>
Floor diaphragm	<i>Is the floor diaphragm constructed as per the building consent? Check nailing pattern of the flooring, perimeter support of the floor diaphragm and length to width ratio of the diaphragm.</i>
Stair opening	<i>Check whether the stair opening(s) has been constructed as per the building consent.</i>
Ramps	<i>Check whether the following items have been constructed as per the building consent:</i> <ol style="list-style-type: none"> <li><i>1) Slope</i></li> <li><i>2) Landings</i></li> <li><i>3) Width of ramps</i></li> <li><i>4) Construction of ramps</i></li> <li><i>5) Crossfall of ramps</i></li> <li><i>6) Height clearances</i></li> </ol>
Wet area substrate	<i>Check whether the following items regarding the substrate for wet area membrane are as per the building consent.</i> <ol style="list-style-type: none"> <li><i>1) Material</i></li> <li><i>2) Timber treatment</i></li> <li><i>3) Fixings</i></li> <li><i>4) Slope</i></li> </ol>
Steel beams and their fixings	<i>Are the steel beams and their fixings as per the building consent?</i>



Fire rated floors	<i>Have the fire rated floors been constructed as per the building consent?</i>
Acoustic floors	<i>Have the acoustic floors been constructed as per the building consent?</i>
<b>Roof framing</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Specific engineer design	<p><i>Is the roof framing designed by a chartered professional engineer (CPEng)?</i></p> <p><i>If yes, state CPEng's full name, registration number, Practice field(s) and CPEng status.</i></p> <p><i>State what roof framing has been designed by the CPEng.</i></p>
Timber treatment and grade	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li><i>1) Timber treatment, including treatment of cuts</i></li> <li><i>2) Timber grade</i></li> </ol>
Steel fixing protection	<i>Is the steel fixing protection as per the building consent?</i>
Dragon ties	<p><i>Check whether the following items have been constructed as per the building consent?</i></p> <ol style="list-style-type: none"> <li><i>1) Size of dragon tie</i></li> <li><i>2) Fixings of dragon ties to other members</i></li> <li><i>3) Blocking for dragon ties (if applicable)</i></li> </ol>
Separation of timber roof framing and concrete or masonry	<i>Has the contact between timber roof framing and concrete or masonry been avoided as per the building consent?</i>

<p>Trusses</p>	<p><i>Check whether the following items have been constructed as per the building consent?</i></p> <ol style="list-style-type: none"> <li>1) <i>Truss layout</i></li> <li>2) <i>Truss spacing</i></li> <li>3) <i>External and internal truss fixings</i></li> <li>4) <i>Overhang distance</i></li> <li>5) <i>Bearing on support member</i></li> <li>6) <i>Gable end truss bracing (if applicable)</i></li> <li>7) <i>Bottom chord restraints (if applicable)</i></li> </ol>
<p>Rafters</p>	<p><i>Check whether the following items have been constructed as per the building consent?</i></p> <ol style="list-style-type: none"> <li>1) <i>Rafter layout</i></li> <li>2) <i>Size of rafters</i></li> <li>3) <i>Spacing of rafters</i></li> <li>4) <i>Roof pitch</i></li> <li>5) <i>Rafter fixings</i></li> <li>6) <i>Overhang distance</i></li> <li>7) <i>Bearing on support members</i></li> </ol>
<p>Openings in roof</p>	<p><i>Has the framing for openings in the roof been constructed as per the building consent?</i></p>
<p>Purlins</p>	<p><i>Check whether the following items have been constructed as per the building consent?</i></p> <ol style="list-style-type: none"> <li>1) <i>Size of purlins</i></li> </ol>

	<ul style="list-style-type: none"> <li>2) Spacing of purlins</li> <li>3) Purlin fixings</li> <li>4) Overhang distance</li> </ul>
Roof bracing	<ul style="list-style-type: none"> <li>1) Has the roof bracing been constructed as per the building consent?</li> <li>2) Has the roof plane bracing been constructed as per the building consent (if applicable)?</li> <li>3) Has the roof space bracing been constructed as per the building consent (if applicable)?</li> </ul>
Eaves framing	<p>Check whether the eaves framing such as eaves bearers and ribbon boards been constructed as per the building consent. Please check the following items regarding eaves framing:</p> <ul style="list-style-type: none"> <li>1) Size of eaves framing members</li> <li>2) Eaves framing member fixings</li> <li>3) Spacing of eave framing members (if applicable)</li> </ul>
<b>Deck roof and/or deck framing</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Specific engineer design	<p>Is the deck and/or balcony framing designed by a chartered professional engineer (CPEng)?</p> <p>If yes, state CPEng's full name, registration number, Practice field(s) and CPEng status.</p> <p>State what deck and/or balcony framing has been designed by the CPEng.</p>

Timber treatment and grade	<p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <li>1) <i>Timber treatment, including treatment of cuts</i></li> <li>2) <i>Timber grade</i></li> </ol>
Steel fixing protection	<i>Is the steel fixing protection as per the building consent?</i>
Deck thresholds	<i>Are deck thresholds constructed as per the building consent?</i>
Barriers	<p><i>Check whether the following items have been constructed as per the building consent?</i></p> <ol style="list-style-type: none"> <li>1) <i>Height of barriers</i></li> <li>2) <i>Opening size within barriers (if applicable)</i></li> <li>3) <i>Fixings to other members</i></li> <li>4) <i>Post spacing</i></li> </ol>
Deck joists size, spacings, bearing on support members and their fixings	<i>Are deck joist sizes, spacings, bearing on support members, and fixings as per the building consent?</i>
Deck joist cantilever distance	<i>Is the deck joist cantilever distance as per the building consent?</i>
Any holes and/or notches to deck joists	<i>Have the holes and/or notches to deck floor joists been constructed as per the building consent?</i>
Parapet slope	<i>Has the slope at the top of the parapet been constructed as per the building consent?</i>
Deck outlets	<i>Are the deck stormwater drainage outlets constructed as per the building consent?</i>
Deck overflows	<i>Are the deck overflows constructed as per the building consent?</i>

Deck slope	<i>Has the slope of the deck been constructed as per the building consent?</i>
Substrate for deck membrane	<p><i>Check whether the following items regarding the substrate for deck membrane are as per the building consent.</i></p> <ul style="list-style-type: none"> <li><i>1) Material</i></li> <li><i>2) Timber treatment</i></li> <li><i>3) Fixings</i></li> <li><i>4) Slope</i></li> </ul>