

## Hutt City Council

### Pre-Pour Foundation or Footings

#### General

Building consent number:	
Site address:	
Building owner(s)	Name(s): Contact details:
Location of building or building work within site/block number/building:	
Description:	<p>This inspection is to check:</p> <ul style="list-style-type: none"> <li>• Excavation of foundation footing</li> <li>• Steel reinforcing for foundation footing</li> <li>• Piles</li> <li>• External moisture prevention measures for subfloor space or slab</li> <li>• Installation of insulation</li> </ul>
When to book this inspection	<p>Book this inspection when:</p> <ul style="list-style-type: none"> <li>• The excavation for the foundation has been completed</li> <li>• Concrete for the foundation has not been poured</li> <li>• Formwork is constructed</li> <li>• Reinforcing steel is in place (if applicable)</li> <li>• Piles are in place (if applicable)</li> <li>• External moisture prevention measures for the foundation are installed</li> <li>• Under slab insulation is installed (if applicable)</li> </ul>
Building Inspector:	Name: Warrant number:
Building work ready for inspection	<i>If no, the inspection is failed.</i>

Inspection date and time:	Click or tap to enter a date.	Time:
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Inspection attendees:	
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**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.**

- An on-site copy of issued building consent documentation
- Removal of any section 37 certificate issued under section 37 of the Building Act 2004 by the Resource Consent Team
- Site notes from suitably qualified independent engineers
- Written certification from a registered surveyor that the building complies with minimum floor level requirements
- Hutt City Council Producer Statement PS3 – Construction [form](#) from an approved under floor heating installer
- Hutt City Council Producer Statement PS3 – Construction [form](#) from an approved under slab insulation installer

**Deviation from the granted building consent documentation**

Items to be checked	Help Text
Approval for any major changes to the granted building consent	<p>1) Check if any changes been made to the building work</p> <p>2) Have approval(s) been obtained for the changes to the building work?</p> <p><i>If approval has not been obtained and the changes affect the building work being inspected, fail the inspection. However, if the changes do not affect the building work being inspected, pass the inspection if all other inspection requirements have been met.</i></p>

<b>Warnings and bans</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Use of building products or building methods that have been banned or have warnings issued	<p>1) Check for the use of any building products or building methods that have been banned by MBIE. If used, fail the inspection.</p> <p>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.</p>
<b>Site</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Construction and demolition hazards	<i>Are protection measures in place as per the building consent?</i>
<b>Excavation</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Footprint layout	<i>Is the footprint layout as per the building consent?</i>
Bearing capacity	<i>Is the bearing capacity of the land as per the building consent?</i>
Width, length depth of the footing excavation	<i>Are the width, length and depth of the footing excavation as per the building consent?</i>
Piles footing spacing	<i>Are the pile footings spaced as per the building consent?</i>
Pile footing plan dimensions	<i>Are the pile footing plan dimensions (width and length) as per the building consent?</i>
Pile footing depth	<i>Is the pile footing depth as per the building consent?</i>

Distance from public infrastructure	<i>Check whether the distances between public infrastructure and footing excavations are as per the building consent.</i>
Drain bridging	<i>Check whether the drain bridging is constructed as per the building consent, in particular the distance below the invert level of drains and the distance between drains and footings.</i>
<b>Damp Proof Membrane (DPM)</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Hardfill	<i>Is the hardfill/granular fill placed as per the building consent?</i>
Sand blinding	<i>Is the sand blinding placed as per the building consent?</i>
Type and location of DPM	<i>Check whether the following items are as per the building consent: 1) The type of DPM used 2) Placement of the DPM</i>
DPM lapped and taped	<i>Has the DPM been lapped and taped as per the building consent?</i>
Penetrations to DPM	<i>Has the DPM been sealed and taped at penetrations as per the building consent?</i>
<b>Steel reinforcing</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Placement of steel reinforcing	<i>Check whether the following items are as per the building consent: 1) Cover to the steel reinforcing 2) Steel reinforcing spacing 3) Laps of steel reinforcing</i>
Type and size of steel reinforcing	<i>Check whether the diameter and profile of the steel reinforcing are as per the building consent.</i>

Reinforcing steel tied	<i>Is the reinforcing steel tied as per the building consent?</i>
Starter steel radius	<i>Is the starter steel radius as per the building consent?</i>
Starter steel returned to concrete slab	<i>Is the starter steel returned to the slab as per the building consent?</i>
Starter steel spacing	<i>Is the starter steel spaced as per the building consent?</i>
Reinforcing mesh	<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) Grade of reinforcing mesh</i></li> <li><i>2) Chairs to support reinforcing mesh</i></li> <li><i>3) Laps and ties of reinforcing mesh</i></li> <li><i>4) Laps between reinforcing mesh and starter steel reinforcing</i></li> </ol>
Type, size and length of steel reinforcing	<i>Check whether the length, diameter, and profile of steel reinforcing are as per the building consent.</i>
Concrete cover to mesh and steel reinforcing	<i>Is the concrete cover as per the building consent?</i>
<b>Finished Floor Level (FFL)</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Minimum FFL	<i>Check whether the FFL is equal to or greater than the minimum FFL stated in the building consent.</i>
Ground clearances	<i>Are ground clearances established as per the building consent?</i>
<b>Slab</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Concrete thickness	<i>Is the concrete thickness as per the building consent?</i>

Slab thickening under load bearing walls or point loads	<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>Location of slab thickening</i></li> <li>2) <i>Width and thickness of slab thickening</i></li> <li>3) <i>Steel reinforcing for the slab thickening, including checking steel reinforcing diameter, profile, and spacing</i></li> </ol>
Door rebates	<p><i>Are door rebates constructed as per the building consent?</i></p>
Brick veneer cladding rebates	<p><i>Are brick veneer cladding rebates constructed as per the building consent?</i></p>
Garage door rebate	<p><i>Are the height, width and length of the garage door rebates constructed as per the building consent?</i></p>
Crack inducer	<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>Location of crack inducer</i></li> <li>2) <i>Placement of crack inducer</i></li> </ol>
<b>Under slab insulation</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Under floor insulation	<p><i>Has under floor insulation been installed as per the building consent?</i></p>
In-slab heating	<p><i>Has in-slab heating been installed as per the building consent?</i></p>
<b>Piles</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Timber treatment	<p><i>Is the timber treatment, including the treatment of cuts, as per the building consent?</i></p>

Timber grade	<i>Is the timber grade as per the building consent?</i>
Pile dimensions	<i>Are pile dimensions as per the building consent?</i>
Positioning	<ol style="list-style-type: none"> <li>1) <i>Are piles are set in holes plumb and raised off the ground at the bottom as per the building consent?</i></li> <li>2) <i>Are the piles spaced as per the building consent?</i></li> </ol>
Subfloor bracing pile locations	<i>Are the locations of subfloor bracing piles as per the building consent?</i>
Height	<i>Is the height of piles as per the building consent?</i>
<b>Subfloor ventilation</b>	
<b>Items to be checked</b>	<b>Help Text</b>
Subfloor vents	<ol style="list-style-type: none"> <li>1) <i>Has subfloor ventilation been provided as per the building consent?</i></li> <li>2) <i>Has subfloor ventilation for the existing building been maintained as per the building consent?</i></li> </ol>
<b>Other comments</b>	
<b>Note:</b> Check the land and any other structures for potential breaches of the Building Act 2004 and risks to people, property, and public infrastructure.	
<b>Next inspection</b>	