

Hutt City Council

| Pre-pour slab and foundation/footings | | |
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| 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: <ul style="list-style-type: none"> Excavation of foundation footing Steel reinforcing for foundation footing Piles External moisture prevention measures for subfloor space or slab Installation of slab insulation | |
| When to book this inspection | Book this inspection when: <ul style="list-style-type: none"> The excavation for the foundation has been completed Concrete for the foundation has not been poured Formwork is constructed Reinforcing steel is in place (if applicable) Piles are in place (if applicable) External moisture prevention measures for the foundation are installed Under slab insulation is installed (if applicable) | |
| Building Inspector: | Name: | Warrant number: |
| Inspection date and time: | Click or tap to enter a date. | Time: |
| Inspection attendees: | | |
| Next inspection: | | |

| General | |
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| 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 building consent has been issued for the major changes, fail the inspection.</i></p> |
| Construction and demolition hazards | <p><i>Are protection measures in place as per the building consent?</i></p> |
| An on-site copy of issued building consent documentation | <p><i>Is a copy of issued building consent documentation on site?</i></p> <p><i>If no, fail the inspection.</i></p> |
| Building work ready for inspection | <p><i>If no, the inspection is failed.</i></p> |
| Use of building products or building methods that have been banned or have warnings issued | <p><i>1) Check for the use of any building products or building methods that have been banned by MBIE. If used, fail the inspection.</i></p> <p><i>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></p> |

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| 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>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.</p> | |
| <ul style="list-style-type: none"> • Site visit records from suitably qualified independent engineers • Site visit records from suitably qualified independent geotechnical engineers | |
| <p>Foundations/footings</p> | |
| <p>Items to be checked</p> | <p>Help Text</p> |
| <p>Specific engineer design</p> | <p><i>Are the foundations and/or footings 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>CPEng geotechnical written certification for earthworks</p> | <p><i>Has the geotechnical certification been done as per building consent?</i></p> |
| <p>Proximity of earthwork to other buildings, structures, and services</p> | <p><i>Is the location of the earthwork as per the building consent?</i></p> |
| <p>Footprint layout</p> | <p><i>Is the footprint layout as per the building consent?</i></p> |
| <p>Bearing capacity</p> | <p><i>Is the bearing capacity of the land as per the building consent?</i></p> |
| <p>Width, length depth of the footing excavation</p> | <p><i>Are the width, length and depth of the footing excavation as per the building consent?</i></p> |
| <p>Drain bridging / Public infrastructure</p> | <p><i>Check whether the drain bridging is constructed as per the building consent, in particular the distance below the</i></p> |

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| | <i>invert level of drains and the distance between drains and footings.</i> |
| 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> |
| DPM | <p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <i>1) The type of DPM used</i> <i>2) Placement of the DPM</i> <i>3) Lapping and tapping of the DPM</i> <i>4) Sealing and taping of any penetrations to the DPM</i> |
| Steel reinforcing | <p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <i>1) Profile</i> <i>2) Diameter</i> <i>3) Length</i> <i>4) Steel reinforcing spacing</i> <i>5) Laps of steel reinforcing</i> <i>6) Tying of steel reinforcing</i> <i>7) Starter steel radius</i> <i>8) Starter steel returned to the slab</i> <i>9) Starter steel spacing</i> |
| Concrete cover to steel reinforcing / boxing | <i>Is the concrete cover as per the building consent?</i> |
| Slab | |
| Items to be checked | Help Text |
| Specific engineer design | <i>Is the slab(s) designed by a chartered professional engineer (CPEng)?</i> |

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| | <i>If yes, state CPEng's full name, registration number, Practice field(s) and CPEng status.</i> |
| Concrete thickness | <i>Is the concrete thickness as per the building consent?</i> |
| Minimum Finished Floor Level (FFL) | <ol style="list-style-type: none"> <i>1) Check whether the FFL is equal to or greater than the minimum FFL stated in the building consent.</i> <i>2) Are ground clearances established as per the building consent?</i> |
| Slab thickening under load bearing walls or point load | <p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <i>1) Location of slab thickening</i> <i>2) Width and thickness of slab thickening</i> <i>3) Steel reinforcing for the slab thickening, including checking steel reinforcing diameter, profile, and spacing</i> |
| 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> |
| DPM | <p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> <i>1) The type of DPM used</i> <i>2) Placement of the DPM</i> <i>3) Lapping and tapping of the DPM</i> <i>4) Sealing and taping of any penetrations to the DPM</i> |

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| <p>Steel reinforcing</p> | <p><i>Check whether the following items are as per the building consent:</i></p> <ol style="list-style-type: none"> 1) <i>Profile</i> 2) <i>Diameter</i> 3) <i>Length</i> 4) <i>Steel reinforcing spacing</i> 5) <i>Laps of steel reinforcing</i> 6) <i>Tying of steel reinforcing</i> 7) <i>Starter steel radius</i> 8) <i>Starter steel returned to the slab</i> 9) <i>Starter steel spacing</i> |
| <p>Reinforcing mesh</p> | <p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> 1) <i>Grade of reinforcing mesh</i> 2) <i>Chairs to support reinforcing mesh</i> 3) <i>Laps and ties of reinforcing mesh</i> 4) <i>Laps between reinforcing mesh and starter steel reinforcing</i> |
| <p>Concrete cover to steel reinforcing</p> | <p><i>Is the concrete cover as per the building consent?</i></p> |
| <p>Slab rebates</p> | <p><i>Check whether the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> 1) <i>Door rebates</i> 2) <i>Brick veneer wall cladding rebates</i> 3) <i>The height and slope of the garage door rebates</i> |

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| Crack inducer | <p>Check whether the following items have been constructed as per the building consent:</p> <ol style="list-style-type: none"> 1) Location of crack inducer 2) Placement of crack inducer |
| Under slab insulation | <p>Has under floor insulation been installed as per the building consent?</p> |
| In-slab heating | <p>Has in-slab heating been installed as per the building consent?</p> |
| Piles | |
| Items to be checked | Help Text |
| Specific engineer design | <p>Are the piles 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> |
| Pile spacing | <p>Check whether the following items are as per the building consent:</p> <ol style="list-style-type: none"> 1) Pile spacing 2) Positioning of piles under loadbearing walls |
| Pile excavation depth and size | <p>Are the pile excavation depth and size as per the building consent?</p> <ol style="list-style-type: none"> 1. Anchor piles 2. Braced piles 3. Ordinary piles |
| Timber treatment and grade | <p>Check whether the following items are as per the building consent:</p> <ol style="list-style-type: none"> 1) Timber treatment, including the treatment of cuts 2) Timber grade |

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| Pile dimensions | <i>Are pile dimensions as per the building consent?</i> |
| Steel reinforcing | <i>Check whether the following items are as per the building consent:</i> <ul style="list-style-type: none"> 1) Profile 2) Diameter 3) Length 4) Steel reinforcing position |
| Concrete cover | <i>Are piles are set in holes plumb and raised off the ground at the bottom as per the building consent?</i> |
| Sub-floor bracing and point loads | <i>1) Are the locations of piles for bracing as per the building consent?</i> <i>2) Are the locations of piles for the point loads as per the building consent?</i> |
| Height | <i>Is the height of piles as per the building consent?</i> |