

Hutt City Council

Drainage	
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:	This inspection is to check: <ul style="list-style-type: none"> • The stormwater disposal system • The wastewater disposal system
When to book this inspection	Book this inspection when: <ul style="list-style-type: none"> • Excavation for trenches has been completed • The drains have been laid. • The drains have not been backfilled • The drains have been capped (if applicable) • The drains are under test • On-site stormwater disposal system constructed (if applicable) • On-site wastewater disposal system constructed (if applicable)
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:
Inspection attendees:	

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
- A copy of the draft compliance schedule
- Hutt City Council Producer Statement PS3 – Construction [form](#) from an approved backflow prevention device installer
- A scaled as-built drainage plan
- A copy of current Plumbers Gasfitters and Drainlayers Board (PGDB) licence card from a certifying drainlayer
- Pass inspection record issued by the network utility operator of the public wastewater network and/or the public stormwater network that it approves of the drainage connection/s to that/those network/s
- Site notes from suitably qualified independent engineers for on-site wastewater disposal system
- A copy of the signed and dated maintenance contract for the on-site wastewater disposal system
- Site notes from suitably qualified independent engineers for any on-site stormwater retention and/or disposal system

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>

Warnings and bans	
Items to be checked	Help Text
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>
Site	
Items to be checked	Help Text
Construction and demolition hazards	<i>Are protection measures in place as per the building consent?</i>
Stormwater drainage	
Items to be checked	Help Text
Trench width and depth	<i>Check whether the trench width and depth are as per the building consent.</i>
Bedding material	<i>Check whether the bedding material is as per the building consent, in particular the depth of the bedding material underneath the drains.</i>
Pipes	<p><i>Check whether the following items regarding the drains and discharge pipes are as per the building consent:</i></p> <ol style="list-style-type: none"> 1) <i>Material label that is printed on the pipes</i> 2) <i>Size</i> 3) <i>Gradient</i> 4) <i>Joints</i> 5) <i>Bends</i> 6) <i>Junctions</i>

	<p>7) Discharge to outfall 8) Support to pipes 9) Access points 10) Proximity to other services 11) Temporary cover/cap at the upstream of the pipes (if applicable)</p> <p>Take sufficient photos to show all of the above</p>
Protection of pipes against concrete	Has protection of pipes against concrete been constructed as per the building consent?
Watertightness	<p>Check whether:</p> <ol style="list-style-type: none"> 1) The water or air test have been carried out as per building consent 2) The drains have passed the water or air test
Loading on drains	Check whether any superimposed loads on the drains have been addressed as per the building consent.
Reflux valves	Have reflux valves been installed as per the building consent?
Sumps	Have sumps been installed as per the building consent?
Soak pits	Have soak pits been constructed as per the building consent?
Pumps	Have pumps been installed as per the building consent?
Silt and sediment control	<p>Check whether the silt and sediment control measures are as per the building consent.</p> <p>Take sufficient photos to show all of the above measures.</p>

Wastewater drainage	
Items to be checked	Help Text
Trench width and depth	<i>Check whether the trench width and depth are as per the building consent.</i>
Bedding material	<i>Check whether the bedding material is as per the building consent, in particular the depth of the bedding material underneath the drains.</i>
Pipes	<p><i>Check whether the following items regarding the drains and discharge pipes are as per the building consent:</i></p> <ol style="list-style-type: none"> <i>1) Material label that is printed on the pipes</i> <i>2) Size</i> <i>3) Gradient</i> <i>4) Joints</i> <i>5) Bends</i> <i>6) Junctions</i> <i>7) Discharge to outfall</i> <i>8) Support to pipes</i> <i>9) Access points</i> <i>10) Proximity to other services</i> <i>11) Temporary cover/cap at the upstream of the pipes (if applicable)</i> <p><i>Take sufficient photos to show all of the above</i></p>
Protection of pipes against concrete	<i>Has protection of pipes against concrete been constructed as per the building consent?</i>
Watertightness	<p><i>Check whether:</i></p> <ol style="list-style-type: none"> <i>1) The water or air test have been carried out as per building consent</i>

	<p>2) <i>The drains have passed the water or air test</i></p>
<p>Loading on drains</p>	<p><i>Check whether any superimposed loads on the drains have been addressed as per the building consent.</i></p>
<p>Reflux valves</p>	<p><i>Have reflux valves been installed as per the building consent?</i></p>
<p>Backflow prevention device</p>	<p><i>Have backflow prevention devices been installed as per the building consent?</i></p>
<p>Ventilation</p>	<p><i>Check whether ventilation for plumbing and drainage work has been constructed as per the building consent.</i></p>
<p>Grease trap</p>	<p><i>Have grease trap(s) been installed as per the building consent?</i></p>
<p>Overflow relief gully</p>	<p><i>Has an overflow relief gully been installed as per the building consent?</i></p>
<p>Concrete protection of gullies</p>	<p><i>Has concrete protection surrounding gully traps and/or overflow relief gully been constructed as per the building consent?</i></p>
<p>Pumps</p>	<p><i>Have pumps been installed as per the building consent?</i></p>
<p>Septic tank</p>	<p><i>Check that the following items have been constructed as per the building consent:</i></p> <ol style="list-style-type: none"> <i>1) Location</i> <i>2) Clearance to buildings and boundaries</i> <i>3) Size</i> <i>4) Support to septic tank</i> <i>5) Alarm system</i> <i>6) Distribution box (if applicable)</i> <i>7) Non-return valve</i> <i>8) Cut off valve</i>

Effluent field	<p>Check that the following items have been constructed as per the building consent:</p> <ol style="list-style-type: none"> 1) Location 2) Size 3) Clearance to boundaries and waterways
Sub-soil drainage	
Items to be checked	Help Text
Sub-soil drain	<p>Check whether the following items regarding the sub-soil drain are as per the building consent:</p> <ol style="list-style-type: none"> 1) Size 2) Gradient 3) Geotextile sleeve over the sub-soil drain 4) Discharges to outfall <p>Take sufficient photos to show all of the above.</p>
Silt and sediment control	<p>Check whether silt and sediment control measures are as per the building consent.</p>
Drainage metal	<p>Is the drainage metal as per the building consent?</p>
Loading on drains	<p>Check whether any superimposed loads on the sub-soil drain have been addressed as per the building consent.</p>
<p>Other comments</p> <p>Note: Check the land and any other structures for potential breaches of the Building Act 2004 and risks to people, property, and public infrastructure.</p>	
Next inspection	