

Hutt City Council

Drainage		
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:
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)	<i>Are there any outstanding items from previous inspection(s). If yes, fail the inspection.</i>	
Approval for any major changes to the granted building consent	<i>Check whether any changes to the granted building consent are going to be made or have been made.</i>	

	<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	<i>Are protection measures in place as per the building consent?</i>
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	<i>If no, the inspection is failed.</i>
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>
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"> • A scaled as-built drainage plan 	

- Site visit records from suitably qualified independent engineers for any on-site wastewater disposal system
- Site visit records from suitably qualified independent engineers for any on-site stormwater retention and/or disposal system

Certifying drainlayer PGDB licence

Items to be checked	Help Text
Confirm certifying drainlayer PGDB licence	<p><i>Check the PGDB register for the certifying drainlayer's details.</i></p> <p><i>If the certifying drainlayer's registration has expired, fail the inspection.</i></p> <p><i>If there are errors in the details, fail the inspection.</i></p>

Stormwater drainage

Items to be checked	Help Text
Specific engineer design	<p><i>Is the stormwater drainage system 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 stormwater drainage system has been designed by the CPEng.</i></p>
Trench width and depth	<i>Check whether the trench width and depth are constructed 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>

	<p>4) Joints</p> <p>5) Bends</p> <p>6) Junctions</p> <p>7) Discharge to outfall</p> <p>8) Support to pipes</p> <p>9) Access points</p> <p>10) Proximity to other services</p> <p>11) Temporary cover/cap at the upstream of the pipes (if applicable)</p> <p>12) Protection of pipes against concrete</p> <p>13) Addressing any structural loads over the pipes</p> <p>Take sufficient photos to show all of the above</p>
Water test or Air test	<p>Check whether:</p> <p>1) The water or air test have been carried out as per building consent</p> <p>2) The drains have passed the water or air test</p>
Sumps	<p>Have sumps been installed as per the building consent?</p>
Soak pits	<p>Have the soak pits been constructed as per the building consent?</p>
Pumps	<p>Have pumps been installed as per the building consent?</p>
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
Specific engineer design	<p><i>Is the wastewater drainage system 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 wastewater drainage system has been designed by the CPEng.</i></p>
Trench width and depth	<p><i>Check whether the trench width and depth are constructed as per the building consent.</i></p>
Bedding material	<p><i>Check whether the bedding material is as per the building consent, in particular the depth of the bedding material underneath the drains.</i></p>
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>12) Protection of pipes against concrete</p> <p>13) Addressing any structural loads over the pipes</p> <p>Take sufficient photos to show all of the above</p>
Water test or Air test	<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
Reflux valves	<p>Have reflux valves been installed as per the building consent?</p>
Ventilation	<p>Check whether ventilation for plumbing and drainage work has been constructed as per the building consent.</p>
Grease trap	<p>Have grease traps been installed as per the building consent?</p>
Overflow relief gully	<p>Has an overflow relief gully been installed as per the building consent?</p>
Concrete protection of gullies	<p>Has concrete protection surrounding gully traps and/or overflow relief gully been constructed as per the building consent?</p>
Pumps	<p>Have pumps been installed as per the building consent?</p>
Septic tank	<p>Check that the following items have been constructed as per the building consent:</p> <ol style="list-style-type: none"> 1) Location 2) Clearance to buildings and boundaries 3) Size 4) Support to septic tank 5) Alarm system 6) Distribution box (if applicable) 7) Non-return valve

	<p>8) <i>Cut off valve</i></p>
Effluent field	<p><i>Check that the following items have been constructed as per the building consent:</i></p> <ul style="list-style-type: none"> 1) <i>Location</i> 2) <i>Size</i> 3) <i>Clearance to boundaries and waterways</i>
Manholes	<p><i>Check whether the following items regarding the manholes are as per the building consent:</i></p> <ul style="list-style-type: none"> 1) <i>Size</i> 2) <i>Location</i> 3) <i>Haunching for pipes</i>