

Inspections are undertaken to ensure that all work complies with the building consent documentation and the New Zealand Building Code.

Inspection Type	What is inspected ¹	How inspected (all involve visual checks)
Siting/ Foundation/ Slab	Siting Set out Bearing capacity Footings Reinforcing Levels Hard-fill DPM Slab dimensions Thickenings Reinforcing Control joints	Site dimensions checked/ siting form signed As per consented documents Bearing capacity tested Footings and reinforcing checked against the consented documents Checked Hard-fill compaction and sand blinding Thickness, jointing and terminations Thickness and overall dimensions
Subfloor Plumbing	Sub- floor services Installation and sleeving of pipes Size and location of pipes	As per consented documents
Subfloor building (timber)	Piles and subfloor structure Timber grades and treatment Fixings	As per consented documents As per consented documents As per consented documents and durability requirements met
Wall/ roof framing	Wall structure Roof structure Timber sizes, grades and treatment Fixings and bracing lintel fixings, top plates, trusses, beams	As per consented documents for all elements
Half height Brick	Cavity clearances Brick ties Weathertightness methodology	As per consented documents for all elements
Wrap/Cavity	Building wrap/ RAB Cavity construction Weathertightness methodology for flashings Penetrations	As per consented documents for all elements

¹ High level elements only have been listed. Inspection check sheets have full details of what may be inspected.

Inspection Type	What is inspected ¹	How inspected (all involve visual checks)
Preline building	Moisture content % Joinery Exterior cladding & joinery Insulation Brace hold-downs Air seals Safety glazing	Moisture content % tested As per consented documents for all elements
Preline plumbing and drainage	Hot and cold water supplies Sanitary plumbing fixtures, lagging	Water supplies pressure test Water hammer silicone installed As per consented documents for all elements
Post line	Lining fixing for bracing	Visual check compliance with consented documents
Precast Concrete work	Horizontal & vertical steel correct Precast installation correct	As per consented documents for all elements
Wet Area Membrane	Steel angle Membrane make E3 compliance	As per consented documents for all elements
Final freestanding/ inbuilt fire	Appliance clearances and hearth compliant Flue installation Seismic restraints Weathertightness -roof flashings Smoke detection Wet backs/ area freezing	As per consented documents for all elements
Drainage	Storm water system Foul water system Drain access Layout Methodology On site disposal systems	Drain test – water, air or smoke As per consented documents for all elements
Final plumbing and drainage	Gully traps and ORG Venting Valve trains Water tempering Functionality	Functionality checked for all fixtures As per consented documents for all elements

Inspection Type	What is inspected ¹	How inspected (all involve visual checks)
Final residential	Fixture and fittings functionality Smoke detection Access and accessibility Flashings Barriers Water tightness for all surface finishes Weather tightness	Functionality checked for all fixtures As per consented documents for all elements
Final Garage/ Carport/ Polished	Fixings Stormwater/ Drainage	As per consented documents
Final Commercial	Surface finishes Access and Egress Accessibility Fire Safety features including fire ratings Weathertightness Specified Systems	As per consented documents