

Internal Commercial Alteration Processing Checklist

No changes to the exterior of the building

PROCESSING CHECKLIST

Processor Name:

Building Consent No.

Proposed Intended Use

P = Pass = Compliance with the Building Code

F = Fail = Non-compliance with the Building Code – further information required

N/A = Considered but Not Applicable to this Project

Building Act

Comments/ reason for decision

Owners approval for BC ensure that any private or confidential information is blanked out or removed

P F N/A

PIM issued? (subject to conditions)

P F N/A

Sec 26 – 28 – Warnings and bans

P F N/A

Sec 36 - Has a Development Contribution Notice been attached to the PIM?

P F N/A

Sec 37 –Notice issued?

P F N/A

Sec 67 - Is the building consent subject to a waiver or modification? Sign off by TL/ MBS, condition BC, create information notice & advise Chief Executive MBIE.

P F N/A

Sec 75 - Is the building constructed on 2 or more allotments? Condition BC, notify appropriate authority for lodgment on title. If there are no party walls, or the allotments have been amalgamated, exempt from section 75 Certificate.

P F N/A

Sec 84 – Owner Builder/Designer listed for Restricted building Work (complete separate checklist and create information on property file where owner involved in design or construction)

P F N/A

Sec 84 – LBP design memorandum provided

- Cat 1 (SH <12 Risk score, single household)
- Cat 2 (SH >12 Risk score or not SH(mixed)<10m)
- Cat 3 (SH >12 Risk score or not SH(mixed)>10m)

P F N/A

LBP working at correct level (engineers and architects are unrestricted)

Sec 84 – LBP's nominated for construction phase (complete "Restricted Building Work Record" form)

P F N/A

Sec 112 – Alteration to existing building Cannot reduce compliance with code – record additional considerations in body of checklist

P F N/A

Sec 112 (2) Where work wouldn't proceed if compliance with the code was required – the ability to grant is possible where improvement to attributes that relate to MOE from fire and access and facilities for the disabled outweigh any non-compliance with the relevant provisions of the code

P F N/A

Sec 113 – Specified intended life? Condition BC, create information notice.

P F N/A

Sec 115 – Does this application involve a change of use? <i>Comply ANARP with all provisions of building code when changing to household unit. In all other cases ANARP with provisions that relate to means of escape, protection of other property, sanitary facilities, structural performance, fire rating and or access and facilities for disabled.</i> Complete notes in relevant sections of the checklist and at the rear of this document and record your assessment and decisions.	P	F	N/A	Current use = Proposed use =
Earthquake Prone Building – Check TRIM along with MBIE Register (<i>This section must be applied where there is a substantial alteration [25% Capital Value & > 150K and must take into account the value of all consents over the past 2 years] or a change of use occurs.</i>	P	F	N/A	
Sec 133 AT Alterations to building subject to EPB notice – <i>must comply ANARP with MOE from fire and access and facilities for disabled and continue to comply with other sections of the code; however need not if TA satisfied that the building work includes the necessary seismic work and compliance would be unduly onerous and the non-compliance is no more onerous than is reasonably necessary in light of the requirement to ensure building is no longer EQP and compliance not reduced.</i>	P	F	N/A	
Sec 363 COPU required as part of the building consent? <ul style="list-style-type: none"> Means of escape Accessibility Construction and demolition hazards Specified systems 	P	F	N/A	
Sec 362V - Is the building a household unit being constructed by or on behalf of a commercial on seller for the purpose of sale? <i>If so ensure that developer is aware of the requirement under the Act to obtain CCC or reach agreement using Form 1 before on-selling or allowing occupation of the property.</i>	P	F	N/A	
Check council records <ul style="list-style-type: none"> Pre-approval records Land features (consent notices/hazards) Previous plans against those submitted (<i>unlawful work in existing building</i>) Live complaints in system (Ozone) 	P	F	N/A	
Specification				Comments/ reason for decision
Job specific specification	P	F	N/A	
B1 - Structure – Site Requirements				Reason for decision/compliance path
Wind zone assessment	P	F	N/A	
EQ zone assessment	P	F	N/A	
Geotechnical assessment	P	F	N/A	
Construction monitoring for ground modification	P	F	N/A	
B1 - Structure – Concrete Foundations and Floors				Reason for decision/compliance path
Scope of assessment e.g. <i>within scope or NZS:3604</i>	P	F	N/A	
Concrete foundation design <ul style="list-style-type: none"> Type of foundation/s Correct size Correct steel (size, grade, centers) SED 	P	F	N/A	

Concrete floor/s design <ul style="list-style-type: none"> • Std xxxx • Code mark • SED • Hard fill • Reinforcing 	P	F	N/A	
DPM to concrete floors	P	F	N/A	
Load thickenings	P	F	N/A	
Control/free joints	P	F	N/A	
B1 - Structure – Timber Foundations and Floors				Reason for decision/compliance path
Floor load (KPA)	P	F	N/A	
Timber foundation wall <ul style="list-style-type: none"> • Grade • Span and LD • Centers 	P	F	N/A	
Floor Joists Layout <ul style="list-style-type: none"> • Grade • Span • Centers • Cantilevered 	P	F	N/A	
Support for: <ul style="list-style-type: none"> • Load points/walls • Under braced wall • Non load bearing walls 	P	F	N/A	
Floor Joist Support <ul style="list-style-type: none"> • Lateral support • Withstand barrier loads 	P	F	N/A	
Flooring/decking/CLT etc <ul style="list-style-type: none"> • Type • Support (including for ply substrates) • SED • Height above floor 	P	F	N/A	
Penetrations to Joists <ul style="list-style-type: none"> • SED • Other 	P	F	N/A	
Barrier design (connection to floor/deck) <ul style="list-style-type: none"> • SED • Other 	P	F	N/A	
Penetrations to Joists <ul style="list-style-type: none"> • SED • Other 	P	F	N/A	
B1 - Structure – Walls				Reason for decision/compliance path
Concrete columns and beams <ul style="list-style-type: none"> • Type • Construction details 	P	F	N/A	
SED structural frames/beams (<i>steel and or timber</i>) <ul style="list-style-type: none"> • Type • Construction details 	P	F	N/A	
Wall panels (concrete tilt and or CLT) <ul style="list-style-type: none"> • Type • Construction details 	P	F	N/A	
Masonry walls <ul style="list-style-type: none"> • SED or Std • Construction joints • Within scope of Std 	P	F	N/A	
Concrete strength	P	F	N/A	

Girt construction (timber or steel) <ul style="list-style-type: none"> • SED compliance path • Grade • Centers 	P	F	N/A	
Wall framing – load bearing <ul style="list-style-type: none"> • Grade • Span • Centers • Nogs (suit cladding) 	P	F	N/A	
Wall framing – non load bearing <ul style="list-style-type: none"> • Grade • Span • Centers • Nogs (suit cladding) 	P	F	N/A	
Bottom plate connections (<i>including brace panels</i>)	P	F	N/A	
Lintels and beams <ul style="list-style-type: none"> • Spans • Supporting documents 	P	F	N/A	
Uplift fixings <ul style="list-style-type: none"> • Top plate to studs • Lintels • Beams 	P	F	N/A	
Bracing calculations <ul style="list-style-type: none"> • Check wind demand • Check EQ demand • Check dimensions/wings etc. 	P	F	N/A	
Bracing Lines <ul style="list-style-type: none"> • Check min BU's to Ext walls • Check distribution • Check min BU's (50% of demand/# brace lines in that direction) • Internal free standing walls or up to suspended ceilings (SED or propriety systems) 	P	F	N/A	
Brace fixing Information	P	F	N/A	
Barrier design <ul style="list-style-type: none"> • Connection to floor • Cantilevered 	P	F	N/A	
B1 - Structure – Supporting Documents				
Specific Engineer Design <ul style="list-style-type: none"> • Type (list) • PS1 • PS2 • Calculations • Construction monitoring • PS author acceptance 	P	F	N/A	
B1 - Structure – Other Elements				Reason for decision/compliance path
Specific Engineer Design – Suspended ceilings <ul style="list-style-type: none"> • Type • Construction details • PS1 • PS2 • Calculations • Construction monitoring • PS author acceptance 	P	F	N/A	

Specific Engineer Design – Plant and machinery restraint <ul style="list-style-type: none"> Type Construction details PS1 PS2 Calculations Construction monitoring PS author acceptance 	P	F	N/A	
Specific Engineer Design – Barriers <ul style="list-style-type: none"> Type Construction details PS1 PS2 Calculations Construction monitoring PS author acceptance 	P	F	N/A	
Specific Engineer Design – Access ways, building maintenance units or lifts <ul style="list-style-type: none"> Type Construction details PS1 PS2 Calculations Construction monitoring PS author acceptance 	P	F	N/A	
B2 - Durability				Reason for decision/compliance path
Timber treatment (<i>all</i>)	P	F	N/A	
Concrete and masonry	P	F	N/A	
Steel fixings and fastenings	P	F	N/A	
Engineered elements	P	F	N/A	
Cladding (<i>walls, roof, deck</i>)	P	F	N/A	
Wood panel elements (<i>ply flooring/substrate etc.</i>)	P	F	N/A	
Lining elements in wet areas	P	F	N/A	
Material compatibility <i>e.g. Colorsteel not in contact with H3 cavity battens Galvanised product not in contact with CCA wet in service etc.</i>	P	F	N/A	
Microclimatic considerations <i>(a) Industrial contamination and corrosive atmospheres; (b) Contamination from agricultural chemicals or fertilisers; and (c) Geothermal hot spots. Hot spots are defined as being within 50 m of a bore, mud pool, steam vent, or other source. Microclimatic conditions (a) to (c) require SED.</i>	P	F	N/A	
Specific Design – <ul style="list-style-type: none"> Elements Supporting documents PS1 Construction monitoring PS author acceptance 	P	F	N/A	
C1-6 Protection from Fire - Prevention				Reason for decision/compliance path
Fixed appliances <ul style="list-style-type: none"> Secured Adequate separation Max surface temp (<i>90°C</i>) Designed to avoid explosion or hazardous conditions occurring 	P	F	N/A	
C1-6 Protection from Fire MOE				Reason for decision/compliance path
Compliance path assessed (<i>C/AS2, C/VM 2 etc.</i>)	P	F	N/A	
Escape path lengths	P	F	N/A	

Escape path width (1200mm H & 1100mm V)) width must include wall linings to provide a clear 1200mm width between linings in accordance with NZBC C/AS2)	P	F	N/A	
Protected escape paths (lobbies, curtains, separation)	P	F	N/A	
Door widths and direction of opening	P	F	N/A	
Number of exits	P	F	N/A	
Door hardware	P	F	N/A	
Change of level provisions adjacent to door on an exit route	P	F	N/A	
C1-6 Protection from Fire - Internal				Reason for decision/compliance path
Life rating	P	F	N/A	
Fire/ smoke walls/ceilings <i>Intertenancy walls must go full height from subfloor to underside of roofing note: roofing underlay must meet the requirements of a flexible fabric under C-AS1/AS2</i>	P	F	N/A	
Fire/ smoke doors	P	F	N/A	
Penetration protection	P	F	N/A	
Fire damper (ducts)	P	F	N/A	
Group finish provisions (Floor, walls and ceilings)	P	F	N/A	
Suspended flexible fabric assessment	P	F	N/A	
Fire Safety Precautions <i>Design considerations?</i>	P	F	N/A	
Construction methods designed to comply with fire design?	P	F	N/A	
C1-6 Protection from Fire - External				Reason for decision/compliance path
Property rating	P	F	N/A	
Fire rating to avoid spread of fire to other property vertically or horizontally across a relevant boundary	P	F	N/A	
Avoid external spread of fire in buildings >10m in height upper levels contain sleeping or other property	P	F	N/A	
Designed so that fire does not spread more than 3.5 m vertically from the fire source over the external cladding of multi-level buildings.	P	F	N/A	
External wall <1m from relevant boundary must be constructed of; <ul style="list-style-type: none"> Non-combustible materials Will not combust when subjected to radiant flux of 30kW/M² for 30min (<i>importance level 3&4</i>) Non sprinkler protected firecells within 15m of relevant boundary with fire load > 20 JT or >5000m² requires SED. 	P	F	N/A	
SS 1 Automatic system for fire suppression (<i>compliance path</i>)	P	F	N/A	
SS 6 Riser mains for use by fire services (<i>compliance path</i>)				
SS 13 Smoke control systems (<i>compliance path</i>)	P	F	N/A	
D1 – Access Routes				Reason for decision/compliance path
Car parking requirements <ul style="list-style-type: none"> Number (<i>table 1 NZS:4121</i>) Locations (<i>close as practicable to entrance</i>) Size 	P	F	N/A	
Vehicle access (<1:4 gradient & avoid conflict between vehicles and pedestrians, manoeuvre and park delivery vehicles)	P	F	N/A	

<p>Access route</p> <ul style="list-style-type: none"> Min or one required from exterior to all internal spaces within the building Includes unimpeded access routes to activity spaces such as accommodation units, gymnasiums, into pools etc 	P	F	N/A	
<p>Approach and enter through main entrance of building or other accessible rooms/spaces</p> <ul style="list-style-type: none"> Scalloped kerb Path ($\leq 1:20$) Paving cross fall (<i>min 1:100 but $< 1:50$</i>) Ramp ($\leq 1:12$) Threshold to accessible spaces ($\leq 20\text{mm}$) 	P	F	N/A	
<p>Slip resistance</p> <ul style="list-style-type: none"> Slip resistance (<i>wet and dry</i>) Slip resistance relevant to activity Mat well to manage moisture (<i>wide enough for 2 foot falls or 1.8m min</i>) 	P	F	N/A	
<p>Stairs - Internal and or External</p> <ul style="list-style-type: none"> Width for stair classification Rise and tread for stair classification Contrasting nosing for stair classification No isolated step (<i>ramp required</i>) 	P	F	N/A	
<p>Ladders (<i>restricted where frequent access and carriage of tools or material are required</i>)</p> <ul style="list-style-type: none"> Rungs – non skid Size and spacing of steps Ladder enclosures Max height (<i>$> 6\text{m}$ requires landing</i>) 	P	F	N/A	
<p>Landings to ramps and stairs</p> <ul style="list-style-type: none"> At appropriate intervals Appropriate size where a door opens onto or from a landing 	P	F	N/A	
<p>Barriers and handrails</p> <ul style="list-style-type: none"> Kerbs to ramp to contain wheel chair Center rail to ramp handrail Handrail profile Handrail location and height (both sides on accessible route) Handrail extension and or tactile buttons Open risers limited to 100mm opening where building frequented by children < 6 No open treads on an accessible route 	P	F	N/A	
<p>Width of access routes</p> <ul style="list-style-type: none"> Appropriate for use group No more than minor projections Door located 300mm of wall on closing side of corridor 	P	F	N/A	
<p>Doors</p> <ul style="list-style-type: none"> Appropriate door widths for type of door (760mm clear opening) Door hardware (lever type handles) Kickplates on accessible route Grab rail for closing Vision panels where door opens in both directions 	P	F	N/A	
<p>Accommodation</p> <ul style="list-style-type: none"> Number of accessible rooms in relation to total room number (NZS:4121) 1.5m turning circle Wheel chair access to side of bed 	P	F	N/A	

Places of assembly, entertainment and recreation <ul style="list-style-type: none"> Wheel chair spaces (1-250 people = 2 spaces; add 1 space for each 250 or part thereof) Listening system required when sound amplification installed Access to stage Unaided access to pool from pool side 	P	F	N/A	
Lifts – D1/AS1 <ul style="list-style-type: none"> 4 or more storeys high 3 storeys and have design occupancy \geq 50 people on upper 2 floors 2 storeys and have design occupancy \geq 40 people on upper floor Upper floor of public reception area of banks, all types of government offices and facilities and health care facilities OR NZS:4121 <ul style="list-style-type: none"> Upper floor of public reception area of banks, all types of government offices and facilities, health care facilities, libraries or places of public assembly for \geq 250 people HOWEVER Not required when: <ul style="list-style-type: none"> 2 storeys and upper floor < 400m² 3 storeys high and gross areas or upper 'floors' < 500m² 	P	F	N/A	
D2 – Mechanical Installation for Access				Reason for decision/compliance path
Passenger carrying lifts D1/AS1 <ul style="list-style-type: none"> Confirm design to NZS:4332 with modifications as described in D2/AS1 	P	F	N/A	
Passenger carrying lifts – accessibility <ul style="list-style-type: none"> Contrasting portal/surround Tactile controls Handrails within the passenger conveyer 	P	F	N/A	
Platform and low speed lifts <ul style="list-style-type: none"> Confirm NZS:4334 (D2/AS2) Refer to std for key considerations 	P	F	N/A	
Specific Design – <ul style="list-style-type: none"> Elements Supporting documents PS1 Construction monitoring PS author acceptance 				
SS 8 Lifts, escalators, travellers, or other systems for moving people or good within buildings (compliance path)				
E1 – Surface Water				Reason for decision/compliance path
Not considered for internal alteration	P	F	N/A	
E2 – External Moisture				Reason for decision/compliance path
Not considered for internal alteration	P	F	N/A	
E3 – Internal Moisture				Reason for decision/compliance path
Thermal break with a minimum R-value of 0.25 m ² °C/W for steel framing/insulated panels to avoid thermal bridging (<i>applies to housing and communal buildings</i>)	P	F	N/A	
Overflow protection for adjoining household unit or other property	P	F	N/A	
Spaces containing sanitary fixtures require floor/wall surfaces be impervious and easily cleaned	P	F	N/A	

Spaces likely to be splashed or contaminated during use require surfaces to be impervious and easily cleaned	P	F	N/A	
Shower construction details (E3/AS1 or E3/AS2)	P	F	N/A	
Graded floor (1:50 min) – 1500mm radius where no enclosure proposed	P	F	N/A	
F1 – Hazardous Agents on Site				Reason for decision/compliance path
Hydrogen Sulphide <ul style="list-style-type: none"> Membrane (under floor and below ground) Ventilation (subfloor/confined spaces) 	P	F	N/A	
Hydrogen sulphide effects - assessment of potential effects on building occupants provided (extreme sites where users incapacitated in some way e.g. sleeping or care)	P	F	N/A	
Contaminated land (check property file/planning comments – HAIL sites, asbestos may be present where old buildings demolished on site)	P	F	N/A	
F2 – Hazardous Building Materials				Reason for decision/compliance path
Glazing to NZS:4223 <ul style="list-style-type: none"> Safety glass (critical areas) Manifestation (when transparent panels could be mistaken for unimpeded path of travel) 	P	F	N/A	
Glazing to NZS:4223 <ul style="list-style-type: none"> Barriers (top or interlinked rails) 	P	F	N/A	
Glazing Specific Engineer Design <ul style="list-style-type: none"> Elements Supporting documents PS1 Construction monitoring PS author acceptance 	P	F	N/A	
Asbestos (Alterations) <ul style="list-style-type: none"> Identification process Mitigation process Clearance certificate required? 	P	F	N/A	
F3 – Hazardous Substances and Processes				Reason for decision/compliance path
Means of restricting unauthorized access	P	F	N/A	
Suitably qualified person has assessed all hazardous substances and has provided necessary input and confirms that a siting certificate will be able to be issued on completion of the project if constructed in accordance with the consent	P	F	N/A	
Means of preventing hazardous substances or other materials unacceptable to the NUO from entering sewers or public drains?	P	F	N/A	
Independent specialist report: <ul style="list-style-type: none"> Harmless release of pressure where there is a risk of explosion Protection of ignition source Ventilation to render harmless vapours, gases or materials which may escape from pipes vessels or containers 	P	F	N/A	
F4 – Safety from Falling				Reason for decision/compliance path
Fall barrier protection <ul style="list-style-type: none"> Fall 1 meter or more to a surface where fall is arrested (e.g. ground level outside a WC window, lake bed) Where there is a sudden change in level Roofs with permanent access 	P	F	N/A	

Barrier not required where incompatible with intend use of an area, some construction sites or where remote locations the route served presents similar hazards	P	F	N/A	
Construction methodology including height	P	F	N/A	
Specific engineering design <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	
F5 – Construction and Demolition Hazards				Reason for decision/compliance path
Restricted access/ barriers/ hoardings and fences (consideration given to type, location, other activities in close proximity) <ul style="list-style-type: none"> • Water Hazards (<i>barriers/ hoardings and fences</i>) • Gantries (<i>walls and toeboards</i>) 	P	F	N/A	
F5 Construction and Demolition Hazards alternative solution	P	F	N/A	
F6 – Lighting for Emergency				Reason for decision/compliance path
Required where there is a change of level or only in the first 20m where risk of injury or impediment to people due to specific features are low (<i>people are familiar with the escape route and do not require assistance</i>) Specific features include: <ul style="list-style-type: none"> • Areas of dangerous machinery • Areas where hazardous processes take place • Clinical areas of hospitals • Prison and other buildings where people are detained; or Escape route serving 250 people	P	F	N/A	
SS 4 Lighting for emergency (design) and (compliance path))	P	F	N/A	
F7 – Warning Systems				Reason for decision/compliance path
Type specified	P	F	N/A	
SS 2 Automatic or manual emergency warning systems for fire or other dangers (<i>compliance path</i>)	P	F	N/A	
Location of any type 1 alarm	P	F	N/A	
F8 – Signs				Reason for decision/compliance path
Signs must be clearly visible and readily understandable under all conditions of foreseeable use, including emergency conditions	P	F	N/A	
Signs identifying potential hazards must be provided and located so that people encounter the signs before encountering the potential hazard	P	F	N/A	
Signs to facilitate escape to a place of safety must be provided and (a) be located to identify the escape routes, and (b) continue to meet the performance requirements in clause F8.3.1 during failure of the main lighting for the period required by performance F6.3.4 and performance F6.3.5	P	F	N/A	
Signs must be provided and located to identify accessible routes and facilities provided for people with disabilities.	P	F	N/A	
Accessible routes must be identified with the International Symbol of Access	P	F	N/A	

F9 – Restricting Access to Residential Pools				Reason for decision/compliance path
Use septate checklist	P	F	N/A	
G1 – Personal Hygiene				Reason for decision/compliance path
Sufficient number of WC pans/urinals/basins for occupancy number specific to building use	P	F	N/A	
Sufficient number of baths/showers for occupancy number specific to building use	P	F	N/A	
Sufficient number of fixtures for persons with a disability	P	F	N/A	
Avoid risk of food contamination	P	F	N/A	
Provide adequate privacy	P	F	N/A	
Provided in convenient locations	P	F	N/A	
Cubicle size if non accessible spaces	P	F	N/A	
Cubicle size if accessible spaces	P	F	N/A	
Accessible attributes including <ul style="list-style-type: none"> • Grab rails • Side transfer space • Seats • Basin and WC seat height • Shower slide rail • Mirror • Capstan tapware handle 	P	F	N/A	
G2 – Laundering				Reason for decision/compliance path
Laundering facilities shall be provided with a laundry tub or space for washing machine (<i>applies to housing, old people's homes, early childcare centres, camping grounds and work camps</i>)	P	F	N/A	
Accessible facilities shall be provided in camping ground for people with disabilities (<i>adequate turning circle</i>)	P	F	N/A	
G3 – Food Preparation & Prevention of Contamination				Reason for decision/compliance path
Space for a refrigerator, or a perishable food storage area capable of being cooled and protected from vermin and insects	P	F	N/A	
Means for food rinsing, utensil washing and waste water disposal	P	F	N/A	
Means for cooking food, and space and a surface for food preparation	P	F	N/A	
Exposed building elements located and shaped and constructed of robust material to avoid chipping or flaking or the accumulation of dirt	P	F	N/A	
Accessible facilities to be provided to camping grounds & accessible accommodation unit in communal residential buildings	P	F	N/A	
G4 – Ventilation				Reason for decision/compliance path
Natural ventilation	P	F	N/A	
SS 9 Mechanical ventilation (<i>type & compliance path</i>)	P	F	N/A	
SS 9 Mechanical ventilation that includes modifies temperature (<i>type & compliance path</i>)	P	F	N/A	
SS 11 Laboratory fume cupboards (<i>compliance path</i>)	P	F	N/A	

<p>Mechanical ventilation for removal of</p> <ul style="list-style-type: none"> • Cooking fumes and odours • Moisture from laundering, utensil washing, bathing and showering • Odours from sanitary and waste storage spaces • Gaseous by-products and excessive moisture from commercial or industrial processes • Poisonous fumes and gases • Flammable fumes and gases • Airborne particles • Bacteria, viruses or other pathogens • Products of combustion 	P	F	N/A	
Contaminated air shall be disposed of in a way which avoids creating a nuisance or hazard to people and other property	P	F	N/A	
The quantities of air supplied for ventilation shall meet the additional demands of any fixed combustion appliances	P	F	N/A	
<p>Specific engineering design</p> <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring <p>PS author acceptance</p>	P	F	N/A	
G5 – Interior Environment				Reason for decision/compliance path
Habitable spaces, bathrooms and recreation rooms shall have the provision for maintaining the internal temperature at no less than 16°C measured at 750 mm above floor level, while the space is adequately ventilated (<i>apply only to old people apply only to old people's homes and early childhood centres's homes and early childhood centres</i>)	P	F	N/A	
Habitable spaces shall have sufficient space for activity, furniture, and mobility aids (<i>apply only to old people's homes</i>)	P	F	N/A	
Where reception counters or desks are provided for public use, at least one counter or desk shall be accessible (<i>4 applies only to Communal Residential, Communal Non-Residential, and Commercial buildings</i>)	P	F	N/A	
Buildings shall be provided with listening systems which enable enhanced hearing by people with hearing aids – identification signage required (<i>applies to Communal Non-residential assembly spaces occupied by more than 250 people, and any theatre, cinema, or public hall, and assembly spaces in old people's homes occupied by more than 20 people</i>)	P	F	N/A	
SS 12 Audio loops or other assistive listening systems (<i>compliance path</i>)	P	F	N/A	
G6 – Airborne & Impact Sound				Reason for decision/compliance path
<p>Building elements which are common between occupancies shall be constructed to prevent undue noise transmission for other occupancies or common spaces to the habitable spaces of household units.</p> <ul style="list-style-type: none"> • Sound transmission class of wall, floor and ceilings shall be no less than 55 • Impact insulation class of floors shall be no less than 55 	P	F	N/A	
<p>Specific engineering design</p> <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	

G7 – Natural Light				Reason for decision/compliance path
Habitable spaces in housing, old people's homes and early childhood centres shall be provided with adequate openings for natural light <ul style="list-style-type: none"> • 10% of floor area • No restrictions from other structures • Head height of at least ½ width of room 	P	F	N/A	
G8 – Artificial Light				Reason for decision/compliance path
Spaces within buildings used by people, shall be provided with adequate artificial lighting which, when activated in the absence of sufficient natural light, will enable safe movement Applies to; <ul style="list-style-type: none"> • All exitways in Multi-unit Dwellings, Group Dwellings and Communal Residential [(except backcountry huts)], Communal Non-residential, Commercial and Industrial buildings • All access routes except those in Outbuildings, backcountry huts, and Ancillary buildings • All common spaces within Multiunit Dwellings, Group Dwellings, and Communal Residential [(except backcountry huts)] and Communal Non-residential buildings 	P	F	N/A	
G9 – Electricity				Reason for decision/compliance path
Compliance path	P	F	N/A	
Correct location & height layout in accessible rooms	P	F	N/A	
G10 – Piped Services				Reason for decision/compliance path
Type of fluid or gas or solid being piped	P	F	N/A	
Compliance path	P	F	N/A	
Specific engineering design <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	
G11 – Gas as an Energy Source				Reason for decision/compliance path
Compliance path	P	F	N/A	
Specific engineering design <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	
G12 – Water Supplies				Reason for decision/compliance path
Potable water supply (<i>tested if own supply</i>)	P	F	N/A	
Hot and cold supplied for utensil washing and personal washing, showering or bathing	P	F	N/A	
Temperature control (<i>water temperature max 45° for care facilities and 55° in residential situations</i>)	P	F	N/A	
Hot water heating design (<i>all relevant valves, venting</i>)	P	F	N/A	
Safe trays under water tanks/HWC's	P	F	N/A	
Structural support to tanks (<i>roof and ceiling</i>) and seismic restraint				
Wet back design	P	F	N/A	

Solar water assessment (G12/AS1)	P	F	N/A	
Protection of water supplies (<i>hazard categorisation</i>)	P	F	N/A	
SS 7 Backflow preventers (<i>compliance path</i>)	P	F	N/A	
Specific engineering design <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	
G13 – Foul Water				Reason for decision/compliance path
Specific installation Std noted	P	F	N/A	
Waste pipe size / gradients	P	F	N/A	
Waste pipe length / venting (<i>stacks, multi fixtures to discharge pipe</i>)	P	F	N/A	
Correct lateral and depth to allow gravity feed	P	F	N/A	
Drainage pipe size / gradients	P	F	N/A	
Drainage pipe length / ventilation	P	F	N/A	
Overflow relief gully (ORG)	P	F	N/A	
Pollution control <ul style="list-style-type: none"> • Grease interceptor/trap 	P	F	N/A	
Specific engineering design <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	
G14 – Industrial Liquid Waste				Reason for decision/compliance path
Industrial waste containing <ul style="list-style-type: none"> • Organic compounds • Metals & cyanides • Other chemical waste 	P	F	N/A	
Assess against G14/VM1	P	F	N/A	
Assess against G14/AS1	P	F	N/A	
Specific engineering design <ul style="list-style-type: none"> • Elements • Supporting documents • PS1 • Construction monitoring • PS author acceptance 	P	F	N/A	
G15 – Solid Waste				Reason for decision/compliance path
Buildings shall be provided with space and facilities for the collection, and safe hygienic holding prior to disposal, of solid waste arising from the intended use of the buildings. <i>(Does not apply to Detached Dwellings, household units of Multi-unit Dwellings, Outbuildings or Ancillary buildings if there is independent access or private open space at ground level.)</i>	P	F	N/A	

H1 – Energy Efficiency				Reason for decision/compliance path
Insulation requirements where energy is used to modify temperature or humidity (<i>excludes assembly-service buildings, industrial buildings, out buildings or ancillary buildings</i>)	P	F	N/A	
Modelling method – assess against H1/VM1	P	F	N/A	
Schedule/calculation method – assess against H1/AS1 (<i><50% window/wall</i>)	P	F	N/A	
Insulation walls (<i><30% glazing, solid construction</i>)	P	F	N/A	
Insulation ceiling (<i>25mm air gap to skillion</i>)	P	F	N/A	
Insulation floor (<i>heated floors, enclosed perimeter</i>)	P	F	N/A	
Insulation glazing	P	F	N/A	
Energy efficient light fittings (<i>>300m2</i>)	P	F	N/A	

P = Pass = Compliance with the Building Code

F = Fail = Non-compliance with the Building Code – further information required

N/A = Considered but Not Applicable to this Project

Alternative Solutions

- Alternative solutions involving structural, geotechnical, fire, weather tight, acoustic, HVAC, energy efficiency and fire design will be peer reviewed by a contractor/specialist
- Before finalizing a decision of whether to accept or refuse an alternative solution the processor will obtain a peer review from their Team Leader/Technical Leader
- In making a decision, the Building Officer may give consideration to (but is not limited to) comparison with acceptable solutions, other documents, standards, best practice guides, publications, expert opinion, determinations, in-service history, product certification – compliance with Building Code objectives. Consideration may also be given to industry guidance provided in BRANZ Bulletin #456 (Dec 2004).

Alternative Solutions, Change of use, ANARP, Section 112 - Reasons for Decisions continued and or other considerations

Specified Systems to be installed or removed	Y	N
Existing, New, Altered, Removed, Inspection & Maintenance Supplied, BC Endorsed (circle where applicable)		

S/S Type	NA	Exist	New	Alt	Rem	Inspection and maintenance supplied and checked - <i>record compliance decision</i>	BC End
SS1 (Fire Suppression)	NA	Exist	New	Alt	Rem	I&M	BC End
SS2 (Emergency warning)	NA	Exist	New	Alt	Rem	I&M	BC End
SS3/1 (Auto Doors)	NA	Exist	New	Alt	Rem	I&M	BC End
SS3/2 (Access Control Doors)	NA	Exist	New	Alt	Rem	I&M	BC End
SS3/3 (Auto Smoke/Fire Doors or Windows)	NA	Exist	New	Alt	Rem	I&M	BC End
SS4 (Emergency Lighting)	NA	Exist	New	Alt	Rem	I&M	BC End
SS5 (Escape Route Pressurisation System)	NA	Exist	New	Alt	Rem	I&M	BC End
SS6 (Riser Mains)	NA	Exist	New	Alt	Rem	I&M	BC End
SS7 (Auto Backflow Preventors)	NA	Exist	New	Alt	Rem	I&M	BC End

SS8/1 (<i>Passenger Lifts</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS8/2 (<i>Service Lifts</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS8/3 (<i>Escalators/ Travellators</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS9/1 (<i>Mechanical Ventilation</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS9/2 (<i>Air Conditioning</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS10 (<i>Building Maintenance Units</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS11 (<i>Laboratory Fume Cupbds</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS12 (<i>Audio Loops/ Listening Systems</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS13/1 (<i>Mechanical Smoke Control</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS13/2 (<i>Natural Smoke Control</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS13/3 (<i>Smoke Curtains</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS14/1 (<i>Emergency Power Systems</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS14/2 (<i>Signs Relating to Systems SS1-SS13</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS15/1 (<i>Communicate Spoken Evacuation Info</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS15/2 (<i>Final Exits</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS15/3 (<i>Fire Separations</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS15/4 (<i>Signs to Facilitate Evacuation</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS15/5 (<i>Smoke Separations</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
SS16 (<i>Cable Car</i>)	NA	Exist	New	Alt	Rem	<i>I&M</i>	BC End
Compliance Schedule Draft and Save to P File (New Buildings & Tenancy Fit Outs (√))							

GRANTING BUILDING CONSENT

Sign the application form to grant the building consent once satisfied on reasonable grounds that if the building work was to be constructed in accordance with the approved documents, then compliance with the Building Code will be met.