

Form 320
 Technical
 Check Sheet

Commercial Processing Check Sheet

Key: P = Pass (ie Compliance with Building Code) F = Fail (ie Non compliance with Building Code) N/A = Not Applicable
Alternative Solutions = Notes are to be recorded at the end of this checklist

Building Consent No: _____

Date: _____

Property Address: _____

BC Official: _____

Signature: _____

Ref No	BC Clause	KEY	Comments	Alternative Solutions? Y/N
Preliminary				
1			Has a comprehensive specification been provided?	
2			Have all documents been supplied to allow a full processing to take place?	
3	F1		Check the site for potential contamination. Pass to Environmental Health Officer for assessment if the property is on the list.	
4	G13		Check on HDC drains on site and order CCTV inspection if proposal is within 5m of the drain.	
5			If a restaurant, hair dresser, mortuary, abattoir, air discharge, main arterial route, pass main copy of file to Environmental health Officer to review.	
Ground Works / Siting / Site Preparation				
6	C		Does the site plan demonstrate distances to boundaries & other buildings on the site/	
7	B1		Have special features of land or ground conditions been considered? Check T/A records for indications of fill, vegetation, overland flow, slips, ponding, gradients, excavation, erosion etc. If present then obtain engineering & or geotechnical input.	
8	B1		Will proposed excavations affect or impact on other buildings / properties? Consider easements, gradients & provisions required to retain surcharge.	
9	E1 E2 G13		Are floor levels & datum provided, including contour plan? Request these if they are not provided.	
Footing / Foundation				
10	B1		Soil report provided? Do special features of land require consideration in regard to footings / foundations? REF e.g. NZS 3604 – 3.4 bearing NB Does Council have knowledge / record of poor ground bearing / flooding on the site of the proposed work or adjoining site?	
11	B1 E1		Have effects of sloping ground been considered? Slotted drains behind step? Steps in footings. Ref NZS 3604 – C1.6.11.2 & .4, Fig 6.12.	
12	B1		Are footing and foundations correctly detailed for the proposed floor loads / cladding / roof for number of stores? E.g. engineering design or NZS 3604 – C1. 7.5 & Fig 7.12 – 7.15	

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13	Are all pad / post footing locations detailed & correctly sized? e.g. engineers design or Sec 9 3604 ensure all load paths have been considered.	B1			
14	Specific engineer design with supporting documents (calcs & PS)	B1			
15	Peer review required / supplied	B1 B2			
16	Do foundations require tanking? Ensure complying tanking details are provided Ref E2/AS1 Section 12: Basements - Obtain manufacturer specification for tanking system.	E2			
Piles					
17	Does pile footing size, grading, treatment, connection details, layout, bracing & heights comply with either NZS 3604 or engineers design for floor load requirements?	B1 B2			
18	Has driven pile specification been provided ? Refer engineers design or NZS 3604 : 19999 Sec 6, C1 6.6	B1 B2			
Bearers					
19	Are bearer spans, grade, spacing, fixings & treatment specified? Have load paths been considered? Load bearing partitions within 200mm of bearers.	B1 B2			
Floor Joists					
20	Do joist grade, treatment, size, span, spacing, fixings & blocking comply with floor load demand? Refer Amendment 2 NZS 3604 for changes to Timber Grades & call size, now Actual minimum Dried Size Consider 1.5 or 3kPa Floor load.	B1 B2			
21	In lateral support, blocking & mid-span-blockings correct? Refer NZS3604 Section 7.1.2..2 & 7.1.2.3	B1			
22	Have load paths been considered? Ensure all point loads are adequately supported.	B1			
23	Has direction of services been considered? Check services plan layout.	B1			
24	Do Trimmer joists comply? Refer NZS3604 Section 7, C1.7.1.3.5, 7.3.1.6 & Fig 7.5	B1			
25	Are non-load bearing walls (with bracing elements) adequately supported? Refer NZS3604 section 7 C1.7.1.3.5, 7.3.1.6 & Fig 7.5	B1			
26	Are non-load bearing walls (without bracing elements) adequately supported? Refer NZS3604 Section 7 Fig 7.5	B1			
27	Are load bearing walls at right angle to joist within 200mm of bearer support? Refer NZS3604 Section 7 fig 7.3	B1			
28	Are double joists provided under load bearing walls? Refer NZS3604 Section 7 Fig 7.3	B1			
29	<i>Do Cantilever joist grade, sizes & spans comply?</i> <i>Refer NZS3604 Table 7.2</i>	B1 B2			
30	Do Cantilever deck joist connections & set back comply? Ref NZS3604 section 7 fig 7.6	B1			
Stringers					
31	Do stringer size, grade, treatment & fixing comply with floor load & durability demands? Refer NZS3604 Section 6 table 6.7 or 14.7 (for 3kPa loading)	B1 B2			

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Flooring					
32	Check relationship between floor load & flooring thickness? Refer NZS3604, Section 7, 7.2 & Section 14. Check floor loadings, i.e. 1.5 – 2.0kPa or 3kPa	B1 B2			
33	Does flooring thickness & type comply? Ref Tables 7.4 & 14.9	B1 B2			
34	Is joist spacing appropriate for flooring type? Refer NZ3604 Section 7.7.2	B1			
Subfloor spaces					
35	Is sub-floor ventilation provided, ground cover & insulation provided? If not specified request details e.g. NZS3604 Clause 6.14.1	E2 H1			
Concrete Floor					
36	Is floor height above finished ground level correct? E.g. NZS3604 section 7 fig 7.10	E2			
37	Is hard fill detailed & correct? (<600mm in depth) Ref 7.5.3 if >600mm in depth obtain a geotech assessment report on the underlying ground conditions.	B1			
38	Is DPM detailed?	E2			
39	Are slab thickenings required & if so are they detailed & complying? Ref 7.5.11	B1			
40	Does reinforcing comply (is it detailed & is edge, top & bottom cover & supplementary bar detail provided)? Ref 7.5.8.6.4	B1 B2			
41	Does slab thickness comply? Ref 7.5.8.2	B1			
Wall Framing					
42	Do stud height, grade, size, spacing & treatment comply? NZS3604 table 8.2 Refer 'amendment 2' NZS3604 for changes to 'Timber Grades & Call Size, now 'Actual Minimum dried Size'	B1 B2			
43	Is the framing setout appropriate for the cladding system? NZS3604 –C1 11.5.2 i.e. 480mm centres for some vertical Shiplap / Board & Batten claddings etc.	B1			
44	Do top & bottom plate grade, size & treatment comply? Refer "Amendment 2" NZS3604 for changes to 'Timber grades' & call size, now 'Actual Minimum Dried Size'	B1 B2			
45	Steel stud framing detailed- specification required.	B1			
Engineered Tilt Slab					
46	Slab, footing / tilt slab construction detail	B1			
47	Junction and flashing details included	E2			
48	Boundary walls are fire rated	C			
49	Sealant between tilt panels to be fire rated (specified)	C			
50	Gutters and overflows documented in plans	E1			
51	Structural roofing specified / connection details included	B1			
52	Insulation required / specified	H1			
Engineered Structural Steel					
53	All items are covered by engineers design and producer statement.	B1 B2			

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54	PS2 required for portals over 6m to the knee.	B1			
55	Slab – portal construction details supplied	B1			
56	Portal to rafter / purlin details supplied	B1			
57	Fire design incorporated into design e.g. (portal leg)	C			
58	Gutters and overflows documented in plans	E1			
59	Specs for on-site welding	B1 B2			
60	Specific bracing requirements detailed	B1			
Engineered Masonry B1 B2					
61	All items are covered by B1 engineers design and producer statement B1	B1 B2			
62	Construction joints specified, (centers reinforcing etc)	B1			
63	Reinforcing type, centers and size documented	B1			
64	Cantilevered footing designed by engineer (PS1)	B1			
Engineer Timber					
65	All items are covered by engineers design and producer statement	B1 B2			
66	Slab-portal construction details supplied (inc fixings)	B1			
67	Portal to rafter/ purlin details included	B1			
68	Specific bracing details detailed	B1			
Engineered and Non Engineered bracing					
69	All items are covered by engineers design and producer statement	B1 B2			
70	Are wall bracing elements & fixings detailed & correct? If 6m grid – double top plate?	B1			
71	Are wall bracing elements clear of showers & baths?	B2			
72	Is wall bracing schedule calculations & distribution of elements correct? Refer manufacturers specs.	B1			
73	Is a floor & ceiling diaphragm required & if so does it comply? Refer NZS3604 section 7.7.3 for floors & section 13.4 for ceilings	B1			
Lintels & sills					
74	Is lintel and sill span, size, grade, treatment, support correct? Refer NZS3604 table 8.8 – 8.15	B1 B2			
Posts & Beams					
75	Do beam sizes, treatment, connections and footing size comply?	B1 B2			
Trussed roof					
76	Is the truss design criteria & certificate from approved fabricator provided, including details of treatment, fixings, grade and layout.	B1 B2			
Roof Bracing & Framed Roof					
77	Does roof bracing comply? Check that bracing is appropriate for roof weight (heavy / light) and locations, fixings grade and layout.	B1 B2			

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Rafters / Ridge Beams					
78	Do rafter spacing, spans, size, grade, treatment, fixings & connections comply? Check wind zone, roof loads Refer NZS3604 Sec 10	B1 B2			
79	Are ridge beam, spans, supports & fixings clearly detailed and complying? NZS3604 Sec 10.13	B1			
Collar ties & Cleats					
80	Are collar tie & cleat details provided and are they complying? Refer NZS 3604 10.13-14	B1			
Ceiling Joists					
81	Does ceiling joist spacing, size, span, grade & treatment comply?	B1 B2			
Ceiling runners (Strong Backs)					
82	Does ceiling runner (strong back) spacing, span, size, grade & treatment comply? Refer Table 10.5 NZS3604 Section 10	B1 B2			
Valley Boards					
83	Does valley board size, treatment, grade, comply? Must be min 25mm thick and wide enough to support valley gutter. Min H3.1 – NZS3602 – table 1 1D.4	B1 B2			
Purlins					
84	Do purlin spacing's, span, size, grade & treatment comply? Refer 3602 table 1 section E H1.1min or Section D if Skillion roof – H1.2min or flat roof H3.1min respectively for roof framing & associated members	B1 B2			
Ceiling Battens					
85	Do ceiling batten spacing, span, size & grade comply? Ref table 13.1	B1 B2			
86	Proprietary ceiling supports such as "Rhondo" battens are detailed	B1			
Roof Cladding					
87	Is the roof cladding within the limitations of E2/AS1 Refer E2/As1 Paragraph 3.2	E2			
88	Does the roof pitch comply? Refer E2, Section 8.2 clause 8.2.3 & Table 10	E2			
89	Is the proposed design within pressed metal tile limitations? Maximum length from eaves to ridge of 12 metres. No internal gutters (except hidden gutters & valley gutters as detailed in figure 37) E2 8.3	E2			
90	Is the proposed design within profiled metal limitations. E2 8.4 This acceptable solution is limited to profiled metal roofing a) Profiled as outlined in paragraph 8.4.4 b) Without valley that change direction is plan form with sheets no more than 18m in length	E2			
91	Have details & flashing been provided for the hips, ridges, valleys aprons & barges? Refer E2, 8.2 clause 8.2.6 & fig 23-28. Are there relevant stop ends, turn downs etc? E2 8.4 Fig 41-49	E2			
92	Do roof penetration comply? Refer E2, section 8 clause 8.1.7 'roof penetrations'	E2			

Ref No		BC Clause	KEY	Comments	Alternative Solutions? Y/N
93	Are the proposed flashing, gutter & fixing compatible? Refer E2 section 8.2 Clause 8.2.4 & Tables 20-22	E2			
94	Are projecting eaves or verges closed in? Refer E2 8.1.3.1 'Projecting eaves'	E2			
95	Is roof underlay required. If 'yes' has it been correctly specified? Refer E2 Section 8 Clause 8.1.5 & 8.1.51 & for masonry tiles refer table 10 for metal roofing refer Table 23	E2			
96	Are anti-ponding boards specified for roof pitches < 17 degrees (masonry tiles) Refer E2, Section 8.2 Clause 8.2.5. anti-ponding boards shall be treated in accordance with NZS3602. Eaves flashing required if roof pitch less than 10 degrees.	E2			
97	Are gutters down pipes and spreaders correctly detailed? Refer E1 Table 5 for down pipe sizing & figures 15 & 16 for size of roof gutter. Refer E2 section 8 clause 8.1.6 'gutters' max 25m2 roof area onto lower roof.	E1			
98	Do the details provided for the internal, valley & or hidden gutters comply? Refer E2 section 8.4 clause 8.4.16-8.4.16.3 & figures 50-52	E2			
Membrane Roofs					
99	Is the proposed design within membrane roof limitations? Refer E2 Section 8.5 clause 8.5.1 'Limitations'	E2			
100	Is the substrate grade, thickness & treatment compatible with the proposed membrane? Refer E2 Section 8.5 Clause 8.5.3 'Plywood substrates'	E2			
101	Does the specified installation of the substrate & membrane comply? Refer E2 Section 8.5 clause 8.5.5-8.5.5.2 'Installations'	E2			
102	Is the proposed membrane Butyl rubber or EPDM rubber? Refer E2 section 8.5 Clause 8.5.4 'Butyl & EPDM'	E2			
103	Is the roof constructed with complying falls, drainage & gutters? Refer E2 Section 8.5 clause 8.5.6 'Roof & Deck Drainage & figure 56, 63, & 64	E2			
104	Has overflow relief been provided for enclosed roofs? Refer E2 Section 8.5 clause 8.5.10 'Gutters & figure 64. Overflow relief shall have a cross-sectional area of 1.5 times the cross-sectional area of the calculated discharge down pipe.	E2			
105	Are the wall junctions & verge details provided? Refer E2 Section 8.5 clause 8.5.8 'Junctions' & figures 57, 58, 61, 62 & 63	E2			
Drained Cavity					
106	Have construction details been provided for the drained cavity system? Ensure all relevant details are in accordance with the details provided in E2	E2			
107	Have details been provided for the batten grade, treatment, size, spacing & fixing? Ensure all relevant details are in accordance with the details provided in E2.	E2			
Exterior Cladding					
108	Has a risk matrix from NZBC E2 been supplied?	E2			
109	Is the proposed design within the limitations of E2? Refer E2, 9.7.1 & 9.7.1.1	E2			
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110	Full flashing details provided for window & door openings Refer E2 9.1.10, 9.1.10.1-9.1.10.7 & figures 115 & 116 or manufacturers specifications.	E2			
111	Cladding materials are clearly indentified on plans?	E2			
112	Is the cladding an approved system?	E2			
113	Internal & external corner details are provided? Junctions between differing claddings	E2			
114	Junctions between differing claddings are detailed?	E2			
115	Have manufacturers installation / fixing details been supplied? Are joints in materials in accordance with manufacturers details or comply with NZBC E2?	E2			
116	Double studs & battens details provided behind sheet joints for 'Expressed joints' & / or Sealant Joints'? Ensure details are provided for Expressed joints & Sealants joints, figure 103 & 106 & Plywood, figure 120 double stud required behind joints for sheet fixing	E2			
117	Has the correct wrap / air barrier been specified for walls?	E2			
118	Has the correct wrap/air barrier been specified for unlined walls or gabled ends NZBC E2 9.1.4	E2			
119	Have parapets / enclosed deck barrier junction / flashings been detailed? Refer to E2 section 6.0 fig 9-13	E2			
120	Have appropriate wall / soffit junctions been detailed?	E2			
121	Have durability requirements been met (particularly where certain material drain on to flashings / roof)?	B2			
122	Are brick lintels correctly sized and have appropriate treatment?	B1 B2			
123	Is brick cavity the correct size?	E2			
124	Any battens / boards have appropriate weather grooves?	E2			
125	All plaster / coating systems are a complete and approved system (tested by an approved testing body)? Certificate from applicator will be required.	E2			
Parapets					
126	Does the cladding require a drainage cavity system . Refer to E2 risk Matrix. Risk score for cladding system shall determine whether a drained cavity is required.	E2			
127	Is the proposed design with the limitations of E2? Refer E2 6.1 this acceptable solution does not cover parapet capping that use EIFS and flush finished Fibre cement materials	E2			
128	Parapet correctly flashed? Refer E2 Section 6 figures 9 & 10 & section 4 'Flashings'	E2			
129	Are parapet / wall junctions correctly flashed? Refer E2 figures 11-13	E2			
130	Has compatibility with lower / upper level materials been considered? Refer NZS3604:1999 section 4 table 4.5 'Material Compatibility chart'	B2 E2			
Enclosed decks					
131	Is the correct timber treatment, grade, size, span & spacing specified for the deck framing? Refer NZS3604 & NZS3602	B1 B2			
132	Is the timber substrate specified & correct treatment? Refer NZS3602	B1 B2			
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133	Have threshold details been provided.	D1 E2			
134	Has details for stormwater drainage & overflow relief been provided.	E1 E2			
135	Have details been provided for the barrier/wall junction.	E2			
136	Is the membrane specified butyl Rubber or EPDM & approved. If not the application is an alternative solution.	E2			
137	Does the deck membrane extend up face of exterior wall and barrier min 150mm?	E2			
138	Have correct falls been specified to the deck area & tops of the barriers?	E2			

Decks / Balconies / Barrier

139	Are fixings correct & does compatibility / durability comply? B1 & B2	B1 B2			
140	Does design comply – (top rails, balusters, bottom rails, palings, boundary joist (NZBC B1)) Treatment?	B1 B2			
141	Is deck more than 3m high if so SED?	B1			
142	Does deck bracing comply? Refer NZS3604 Section 7 clause 7.2 'Timber Decks. All decks which project > 2m from the building shall be provided with subfloor bracing At half the light / light / light cladding calculated from Table 5.8.	B1			
143	Are the subfloor piles & bearers the correct grade, treatment, size, spacing & span correct? All timber piles for decks are to be a minimum of 125 x 125mm H5	B1 B2			
144	Do deck joist sizes, grade, treatment, span & spacing comply? Refer 'Amendment 2' NZS3604 for changes to 'timber Grades' & call size, now 'Actual Minimum Dried Size'	B1 B2			
145	Does decking material comply for the joist spacing ? Refer NZS3604 Section 7 Clause 7.4.3 'Decking 32mm for joists @ 600mm centres or 19mm for joists @ 450mm centres.	B1			
146	Does decking material comply for slip resistance? If the deck surface provides access to the main entrance of the building, slip resistance must be considered in accordance NZS3604 Section 7 clause 7.4.4 & D1 clause 2.1 'Slip resistance'	D1			
147	Is the substrate specified for the balcony waterproofing membrane appropriate? Check the manufacturers technical literature to ensure the products are compatible.	B1 B2 E2			
148	Do stringer size & connection comply? Refer NZS3604 section 6 clause 6.3 table 6.7 & E2 Section 7 clause 7.2.1.1 & figure 15 Note: Stringers spaced off cladding by 12mm	B1			
149	Do the thresholds specified for the deck comply? Refer E2 section 7 clause 7.1.1. & figure 14	E2			

Stairs / Landings / handrails

150	Are handrails specified & correctly located? (required if 2 or more risers) Refer D1, section 6.0 'Handrails' clause 6.0.1 all stairways with a width less than 2.0m or less shall have a handrails on at least one side	D1			
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151	Are visibility & lighting levels complying? Refer D1 4.6 'Visibility of stair treads' 4.6.1, 4.6.2 & Table 8	D1			
152	Do stairs specified comply for the intended use & area to which they provide access and does the stair tread & rise construction comply with the stair type? Accessible stairs min tread 310mm max riser 180 common stairs min tread 280mm max riser 190 service stair min tread 220mm max riser 220mm	D1			
153	Do curved stair winder tread & rise comply? Refer D1 section 4.4 'Curved & spiral stairways'	D1			
154	Do landings provide 400mm clearance in front of door opening onto the landing? Refer D1 clause 4.3.5 Figure 15	D1			
155	Do the location & size of the landing/s comply? Refer D1 section 4.3.1 "landings required 4.3.2 ' maximum rise' 4.3.3 'landing width & 4.3.4 landing length 4.3.5 Obstructions also refer figures 14, 15 & 25	D1			
Kitchen					
156	Is facility provided for washing utensils / food & waste water disposal? G3 Section 1.1 & figure 1 Preparation area and Access to Facility Paragraphs 1.1.2 and 1.5	G3			
157	Have impervious easily cleaned wall finishes been specified? Wall linings adjacent to appliances and facilities shall have surfaces that can be easily maintained in a hygienic condition. Stainless steel, decorative high pressure laminate tiles wallboards with painted or applied impervious coatings or films are examples of suitable materials for these surfaces.	G3			
Laundry					
158	Have facilities with a laundry tub or space & connections for a washing machine been provided? G2/As1 clause 1.0.1 laundering facilities shall be provided with a) a laundry tub b) space and service connections for a washing machine.	G2			
Wet areas / WCs					
159	Have they provided the correct number of WC's?	G1			
160	If the wet area has a timber floor is the flooring treatment complying? In wet areas where maintenance of an impervious coating can not be assured plywood or timber flooring that has been treated to a min. of H3.1 shall be used (ref NZS3602:2003 sec 10.3.1)	B2			
161	Has the shower type been specified (tiled or proprietary cubicle) If tiles shower have construction details been provided for the tiling substrate and waterproofing membrane.	E3			
162	If level access shower is proposed have adequate falls been provided to drain? Falls required to the floor of a level access shower to the floor drain are to be no less than 1:50 Refer NZS4121:2000 10.5.11.3 Floors.	E3			
163	Has complying waterproofing membrane been specified? Ensure the specified waterproof membrane has been applied in accordance with the manufacturers technical specification. If required ensure applicator provides a Producer Statement – construction (PS3)	E3			
Ventilation					
164	Are opening providing natural ventilation to occupied space 5% or more of floor area? Refer G4 Clause 1.2 'Natural ventilation'	G4			

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165	Does the mechanical ventilation to be provided for extracting moisture & other contaminants comply? Refer G4 clause 1.3 Mechanical Ventilation'	G4			
166	Does the documentation demonstrate mechanical ventilation ducted to outside air? Refer G4 clause 1.3 'Mechanical Ventilation'	G4			
167	Peer review required / supplied	G4			
Insulation					
168	Is floor wall and ceiling insulation correctly specified ? Refer NZS4218 AS/NZ 2918	H1			
169	Is a 25mm separation provided between the top of the insulation and the underside of the skillion roof underlay? Ensure 25mm gap is specified between insulation & building paper Refer BRANZ Home Insulation guide	H1			
170	Do the glazed areas exceed 30% of the wall area? Specific design for compliance with NZBC H1 is required.	H1			
Glazing					
171	Do vertical windows in external walls have a window area of not less than 10% of the floor area of the room? Refer G7 clause 1.0.1.a)	G7			
172	Do vertical windows in external walls have a glazing transmittance of no less than 0.7? Refer G7 clause 1.0.1 b	G7			
173	If reflective surfaces are required, then do they comply? Refer to G7 clause 1.0.3 & 1.0.4 & tables 1 & 2	G7			
174	Is at least 50% of the glazed area provided for natural light clear glazed? (G 7 2.0.1 & 2) It is acceptable for awareness of the outside to be provided via another space.	G7			
175	Has safety glass been installed where required Refer NZS4223:1999	F2			
Connections					
176	Are they using existing connections? If not has a WWS connections form been completed?	G13			
177	Back flow prevention required at boundary	G12			
Water Supplies					
178	Has a schematic plan been provided for buildings of 2 or more storeys?	G12			
179	Is insulation specified for the potable hot water system complying? Refer H1 clause 5.0 'Hot water system' & NZS4305:1996 Energy efficiency – domestic type hot water systems	H1			
180	Are pipe sizes specified adequate Refer G12 sec 5.3 Water pipe size	G12			
181	Is the system open vented?	G12			
182	Are pipe / fittings of compatible materials?	G12			
Sanitary Plumbing					
183	Are all ground floor WC's connected directly to the drain?	G13			
184	Has a schematic plan been provided for buildings of 2 or more storeys?	G13			
185	Are discharge stacks of appropriate size? Refer Table 2	G13			

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186	Is waste pipe size / length, gradients & venting correct?	G13			
187	Is the discharge pipe size appropriate? Refer Table 1	G13			
188	Is the discharge stack serving 3 floors fitted with a relief vent pipe? Refer fig 6	G13			
189	Is floor waste installed? Is it for accidental overflow?	G13			
190	Is more than one fixture discharging to the discharge pipe? Refer table 4 & 5 for sizing	G13			
191	Is the relief vent connected to the discharge stack and sized correctly? Refer table 3	G13			
192	Are pipe materials appropriate Refer table 7	G13			
Sanitary Drainage					
193	Has the correct lateral been detailed?	G13			
194	Is the sizing and gradient of drainage pipes correct? Venting? Ensure all branch drains 10m or > are vented	G13			
195	Does the drain pass under a building/ Is access provided on each side of building?	G13			
196	Does the system incorporate access points, chambers, rodding points & inspection points as appropriate	G13			
197	Does the drainage layout contain least one overflow relief gully? (ORG)	G13			
198	Is a drainage access area providing for drainage access points located within a building?	G13			
199	Is the grease trap sized correctly?	G13			
200	Effluent disposal? Has engineer design and producer statement been provided/	G14			
201	Oil and grit interceptor details required.	G13			
Stormwater Drainage					
202	Adequate downpipes provided?	E1			
203	Are drain invert levels provided?	E1			
204	Are drain sizes, alignment and gradient correct?	E1			
205	Are sump pump details provided (E1 surface water control for hardstand areas)?	E1			
206	If so, has flood risk assessment been provided?	E1			
207	Is provision made for inspection / Maintenance?	E1			
208	Is the site in proximity of water course or low lying or located on a secondary flow path?	E1			
209	Is there any history of flooding on this site or nearby sites?	E1			
210	Overflow provided? (where necessary)	E1			
211	Roof gutters correctly sized?	E1			
212	Will invert prevent ground water entry?	E1			
C2-Means of Escape from Fire					
213	Has fire design been supplied	C			
214	Peer review required / supplied	C			
215	Are dead end travels distances correct? Ref table 3.3	C			

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Ref No		BC Clause	KEY	Comments	Alternative Solutions? Y/N
216	Are number of exits & escape routes correct & shown?	C			
217	Are open path lengths correct?	C			
218	Do doors open in direction of escape?	C			
219	Is escape route width & height correct?	C			
220	Is fire alarm type correct?	C			
221	Sprinklers have been engineered designed with PS1 supplied.	C			
222	Doors have been engineered designed with PS1 supplied	C			
223	Is the escape route free of obstructions?	C			
C4-Structural Stability during Fire					
224	Designed to avoid structural collapse?	C			
225	Has fire service vehicle access been considered	C			
226	Check Fire Analysis covers all aspects of NZBC "C" documents.	C			
227	Section 112 of the NZ Building Act (change of use) requires people with disabilities can carry out normal activities and functions within a building NZS 4121	C			
228	Compliance schedule (maintenance requirements etc)	C			
Accessible Facilities					
229	Dimension and fit out comply with NZBC G1 fig 6 & 9	G1			
Toilet / Shower (combined)					
230	Dimensions and fit out comply with NZBC G1 Fig 5 & 9	G1			
Food Preparation					
231	Applies to camping round and accessible accommodation in communal residential buildings (see basin)	G3			
Laundering					
232	Applies only to camping grounds (must be accessible and usable)	G2			
Accessibility of Accommodation Units, Cabins, Tourist Flats					
233	Free space of 1.5m turning circle	G5			
234	Wheelchair access to side of bed	G5			
Accessible Route					
235	From car park to building	D1			
236	Car parks level with minimum width of 3.5m (signs inc)	D1			
Footpaths and Ramps					
237	To have a minimum width of 1.2m	D1			
238	Level of lowered curbs	D1			
239	Maximum slope of 1 in 12	D1			
240	Ramps to have handrail fitted to both sides and kerb bars	D1			
Entrances					
241	Maximum slope of 1 in 12 and a 1.2m level landing	D1			
Stairs					
242	D1Minimum of 900mm clear width	D1			

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Ref No		BC Clause	KEY	Comments	Alternative Solutions? Y/N
243	Minimum of 760mm clear opening (no less)	D1			
244	Nosing to be contrasting colours and non slip	D1			
Doors					
245	Threshold no greater than 20mm and 760mm clear opening	D1			
246	Hinged doors to open out, grab rail for closing & a kick plate to base	G1			
247	Lever handles to doors	D1			
248	Sliding door to be 910mm opening to allow for lever handle	D1			
Reception Counters					
249	775mm from floor. 900mm acceptable in some circumstances.	G5			
Corridors					
250	To be 1200mm wide maximum on an accessible route	D1			
Lifts / Escalators					
251	Lifts have been engineered designed with PS1 supplied	D2			
252	1.4 x 1.4 mtrs internal dimensions	D2			
253	Door to have 900mm clear opening	D2			
254	Call & control buttons to have raised / indented designations	D2			
255	Surfaces	D2			
256	To be stable, firm and non slip	D2			
257	Escalators have been engineered designed with PS1 supplied	D2			
Compliance Schedule					
258	Compliance				
Certificate for Public Use					
259	Certificate for Public Use <input type="checkbox"/> Yes <input type="checkbox"/> No				

Alternative Solutions

Ref #	Brief description of Alternative Solution	Reason for acceptance