

DESIGN REQUIREMENTS CHECKLIST

Please include this checklist with your drawings and specifications submitted for approval. The checklist part summarises the requirements of the Council's Subdivision and Development Principles and Requirements (SDPR). The alternate short form checklist may be acceptable for small scale developments.

Item	✓ or N/A
General	
Design certificate submitted in accordance with Schedule 1A of NZS 4404.	
Design meets performance criteria. (Refer Part 3B (ix) of the SDPR).	
Alternative designs supported by appropriate information. (Refer Clause 1.5.3.2 of NZS 4404)	
Cost benefit or Life cycle costing information provided. (Refer Clause 1.5.3.3 of NZS 4404).	
Documents provided as listed in Clause 1.5.1.1 of NZS 4404.	
Drawings provided in accordance with Clause 1.5.2 of NZS 4404.	
Two copies of drawings, specifications & calculations provided.	
Health & Safety requirements included in specifications. Refer Part 3B (v) of the SDPR)	
Working in the Road requirements included in specifications. (Refer Part 3B (viii) of the SDPR).	
Geotechnical and Earthworks	
Geotechnical report recommendations incorporated in design and specifications.	
Requirements of Earthworks Management Plan incorporated in design & specifications.	
Landform modified to the least extent practicable. (Refer clause 2.4.1 NZS 4404).	
Earthworks Specification forwarded. (If not already approved).	
Design & Specifications meet Resource Consent requirements.	
Transportation and Roads	
Road design is in accordance with performance criteria and design principles, (refer to Part 3D (ii) and (iii) of the SDPR) and requirements of Part 3 NZS4404	
Urban road design is in accordance with Fig 3.1R Schedule 3 Part 4 of the SDPR; or Specific design submitted with supporting information.	
Rural road design is in accordance with Table 3.2 of NZS 4404; or Specific design submitted with supporting information.	
Rights-of-way and multi unit accesses design is in accordance with clauses 3.3.17 and 3.3.18 of NZS 4404.	
Cycleways, walkway, and bridleways provided for.	
Road safety audit report provided and recommendations incorporated in design. (Refer to Part 3D (iv) of the SDPR).	
Pavement design in accordance with clause 3.3.3 NZS 4404 with min. depth 200mm.	
Basecourse specified is TNZ M/4: 2003 Specification for Basecourse Aggregate – Wellington 1 Greywacke.	
Vehicle crossings located and designed in accordance with clause 3.3.19 of NZS 4404.	
Footpath construction in accordance with Figure 3.8 of NZS 4404.	
Trap sumps detailed (WCC or similar approved).	
Roading Specification forwarded. (If not already approved).	
Design & Specifications meet Resource Consent requirements.	

Continued

Item	✓ or N/A
Stormwater	
No increase in run-off up to the 1 in 10 year storm.	
Design is in accordance with the principles outlined in Part 3 E(iv) of the SDPR.	
Information requirements under clause 4.3.1.2 NZS 4404 provided.	
Isohyet guidelines and charts used for peak flow design.	
Minimum pipe sizes in accordance with paragraph 6 of Schedule 4 Part 4 of the SDPR.	
Minimum cover in accordance with paragraph 7 of Schedule 4 Part 4 of the SDPR.	
On-site disposal/re-use used where appropriate.	
Stormwater quality issues addressed.	
Stormwater Specification forwarded. (If not already approved).	
Design & Specifications meet Resource Consent requirements.	
Wastewater	
Design is in accordance with the principles outlined in Part 3 F(iv) of the SDPR.	
Alternative systems in accordance with principles outlined in Part 3 F(vi) of the SDPR.	
All lots provided a connection to Council system where available.	
Minimum clearances from other services in accordance with clause 5.3.3 of NZS 4404.	
Minimum pipe sizes in accordance with clause 5.3.5.3 of NZS 4404.	
Minimum grades in accordance with clause 5.3.5.5 of NZS 4404.	
Minimum cover in accordance with paragraph 6 of Schedule 5 Part 4 of the SDPR.	
Maintenance structure locations, deflections and internal falls in accordance with Part 5 of NZS 4404.	
Wastewater Specification forwarded. (If not already approved).	
Design & Specifications meet Resource Consent requirements.	
Water Supply	
Design is in accordance with Part 6 NZS 4404 & Schedule 6 Part 4 of the SDPR.	
Fire fighting water supply meets NZ Fire Service Code of Practice SNZ PAS 4509:2003	
All lots provided with a connection. Refer paragraph 8 of Schedule 6 Part 4 of the SDPR	
Minimum clearances from other services in accordance with clause 6.3.13 of NZS 4404.	
Alternative non potable water supplies considered.	
On site storage requirements established. (Minimum 25k litres, 50k litres recommended)	
Water supply Specification forwarded. (If not already approved).	
Design & Specifications meet Resource Consent requirements.	
Landscape Design	
Comprehensive Landscape plan covering new roads, reserves and riparian planting.	
Complies with Native Planting Guideline or Environmental guidelines for rural living.	
Landscape Specification forwarded. (If not already approved).	
Design & Specifications meet Resource Consent requirements.	
Reserves	
Any works as a contribution to reserves detailed.	
Pedestrian access ways specific design (minimum legal width of 6 metres).	
Fence heights in accordance with paragraphs 1 & 2 of Schedule 8 Part 4 of the SDPR.	
Power, Telecommunications, Gas	
Service positions meet typical cross section detail or alternatives approved by KCDC.	
Working in the Road requirements met.	
Standard Construction Drawings	
Standard details from Appendix A, NZS 4404 used (unless other KCDC details specified elsewhere).	
Design Guide Approach	
Design guides that have been used noted and supporting information provided	