Please include this checklist with your drawings and specifications submitted for approval. The checklist summarises some of the requirements of Kāpiti Coast District Council’s [Land Development Minimum Requirements](https://www.kapiticoast.govt.nz/your-council/forms-documents/guides-and-forms/#SubdivisionandDevelopment) document (LDMR). This is not an exhaustive list and we will require compliance with all relevant clauses of NZS 4404:2010 and the LDMR.

1. **General**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Drawings provided in accordance with clause 1.5.2 of NZS 4404:2010. |
|[ ] [ ]  Two copies of drawings, specifications & calculations provided. |
|[ ] [ ]  Health & Safety requirements included in specifications. (Refer Part 3B (viii) of the LDMR). |
|[ ] [ ]  Working in the existing road requirements included in specifications. (Refer Part 3B (xi) of the LDMR). |
|[ ] [ ]  Management plans e.g. Construction Earthworks Management Plans, Earthworks Management Plans, Construction Management Plans, Traffic Management Plans. |
|[ ] [ ]  Design certificate submitted in accordance with Schedule 1A of NZS 4404:2010. |
|[ ] [ ]  Design meets performance criteria. (Refer Part 3B (xii) of the LDMR). |
|[ ] [ ]  Alternative designs supported by appropriate information. (Refer clause 1.5.3.2 of NZS 4404:2010) |
|[ ] [ ]  Documents provided as listed in clause 1.5.1.1 of NZS 4404:2010. |

1. **Geotechnical and Earthworks**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  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 4404:2010). |
|[ ] [ ]  Earthworks specification forwarded. (If not already approved). |
|[ ] [ ]  Design & specifications meet resource consent requirements. |

1. **Transportation and Roading**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Road design is in accordance with performance criteria and design principles, (refer to Part 3D (iii) and (iv) of the LDMR) and requirements of Part 3 NZS4404:2010 |
|[ ] [ ]  Road design is in accordance with Schedule 3, Part 4 of the LDMR and [roading standard drawings](https://www.kapiticoast.govt.nz/your-council/planning/building/standard-drawing/roading-standard-drawings/);  |
|[ ] [ ]  Rights-of-way and accesses design is in accordance with clauses 3.3.16, 3.3.17 and 3.3.18 of NZS 4404:2010. |
|[ ] [ ]  Details of any off-street parking, if provided. |
|[ ] [ ]  Cycleways, walkway, and bridleways provided for. |
|[ ] [ ]  Road safety audit report provided and recommendations incorporated in design. (Refer to Part 3D (vi) of the LDMR). |
|[ ] [ ]  Pavement design in accordance with clause 3.3.3 NZS 4404:2010 with min. thickness of 300mmm, with at least 150mm basecourse. (Refer Schedule 3, Part 4 of the LMDR) |
|[ ] [ ]  Vehicle crossings located and designed in accordance with clause 3.3.19 of NZS 4404:2010 and Schedule 3, Part 4 of the LDMR. |
|[ ] [ ]  Footpath construction in accordance with Figure 3.8 of NZS 4404:2010 and Schedule 3, Part 4 of the LDMR and [roading standard drawings](https://www.kapiticoast.govt.nz/your-council/planning/building/standard-drawing/roading-standard-drawings/). |
|[ ] [ ]  Stormwater collection detailed (Refer to Schedule 3, Part 4 of the LDMR and NZS 4404:2010). |
|[ ] [ ]  Roading specification provided. |
|[ ] [ ]  Lighting specifications provided. (AS/NZS 1158.3.1:2020). |
|[ ] [ ]  Design & specifications meet resource consent requirements. |

1. **Stormwater**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Achieve hydraulic neutrality so that peak flows into the receiving bodies for the 1 in 2-year, 1 in 5-ear, 1 in 10-year, 1 in 50-year and 1 in 100-year design rainfall events shall not exceed the pre-development peak flows for the same design rainfall events |
|[ ] [ ]  Design is in accordance with the principles outlined in Part 3E (vi) of the LDMR. |
|[ ] [ ]  Information requirements under clause 4.3.1.2 NZS 4404:2010 are provided. |
|[ ] [ ]  Latest Rainfall Isohyet Plans or NIWA’s HIRDS (high intensity rainfall design system) V4 used for peak flow design. |
|[ ] [ ]  Minimum pipe sizes in accordance with Schedule 4, Part 4 of the LDMR. |
|[ ] [ ]  Minimum cover in accordance with Schedule 4, Part 4 of the LDMR. |
|[ ] [ ]  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. |

1. **Wastewater**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Design is in accordance with the principles outlined in Part 3F (iv) of the LDMR. |
|[ ] [ ]  Alternative systems in accordance with principles outlined in Part 3F (vi) of the LDMR. |
|[ ] [ ]  All lots provided a connection to Council system where available. Each unit on a cross lease shall have an individual lateral connection. |
|[ ] [ ]  Minimum clearances from other services in accordance with clause 5.3.3 of NZS 4404:2010. |
|[ ] [ ]  Minimum pipe sizes in accordance with clause 5.3.5.3 of NZS 4404:2010. |
|[ ] [ ]  Minimum grades in accordance with clause 5.3.5.5 of NZS 4404:2010. |
|[ ] [ ]  Minimum cover in accordance with paragraph 9 of Schedule 5, Part 4 of the LDMR. |
|[ ] [ ]  Maintenance structure locations, deflections and internal falls in accordance with Part 5 of NZS 4404:2010 and Schedule 5, Part 4 of the LDMR. |
|[ ] [ ]  Wastewater specification forwarded. (If not already approved). |
|[ ] [ ]  Design & specifications meet resource consent requirements. |

1. **Water Supply**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Design is in accordance with Part 6 NZS 4404:2010 & Schedule 6, Part 4 of the LDMR. |
|[ ] [ ]  Firefighting water supply meets NZ Fire Service Code of Practice SNZ PAS 4509:2008. |
|[ ] [ ]  Each rateable property has only one standard connection/point of supply, unless otherwise approved by the Council. (Note that each separate unit on a cross lease is a separate rateable property). Refer paragraph 19 of Part 4, Schedule 6 of the LDMR. |
|[ ] [ ]  Minimum clearances from other services in accordance with clause 6.3.13 of NZS 4404:2010. |
|[ ] [ ]  Alternative non potable water supplies considered. |
|[ ] [ ]  On site storage requirements established. (minimum of 30,000 litres (sufficient storage to supply four people for up to 30 days at 250 litres per person per day), unless otherwise approved by the Council, but 50,000 litres is recommended). |
|[ ] [ ]  Water supply specification forwarded. (If not already approved). |
|[ ] [ ]  Design & specifications meet resource consent requirements. |

1. **Landscape Design**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Comprehensive landscape plan covering new roads, reserves, riparian planting and protection of vegetation.(refer Part 3H of the LDMR) |
|[ ] [ ]  Species selection complies with Paragraph 7 of Schedule 7, Part 4 of the LDMR. |
|[ ] [ ]  Landscape specification forwarded. (If not already approved). |
|[ ] [ ]  Design & specifications meet resource consent requirements. |

1. **Power, Telecommunications and Gas Utilities**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Service positions meet typical cross section detail or alternatives approved by the Council. |
|[ ] [ ]  Working in the road requirements met. (Refer Part 3I (b) of the LDMR). |

1. **Waste Services**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Multi-unit development waste storage and servicing designed, where applicable. (Refer to Part 3J of the LDMR). |

1. **Standard Construction Drawings**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Standard details from Appendix A, NZS 4404:2010 used (unless other Council details specified elsewhere). |

1. **Reserves**

|  |  |  |
| --- | --- | --- |
| **N/A** | **Yes** | **Item** |
|[ ] [ ]  Any works as a contribution to reserves detailed. |
|[ ] [ ]  Pedestrian access ways specific design (minimum legal width of 6m, with a specifically designed formation width no less than 2.2m). |