

## Table of Edits to the Palmerston North Engineering Standards for Land Development.

List of Update Dates March 2025

Note: this table excludes minor formatting changes

Sections	Clauses Changed, Amended or New	Year
<b>Multiple</b>	<p>Document Control added</p> <p>1.20.2.2 – New Hold Point for water lateral</p> <p>1.11 – Restriction of noxious plants clarified</p> <p>1.14 – Engineering drawing requirements updated</p> <p>1.29 – As-built requirements updated</p> <p>1.31 – Clarification of bond restriction on service connection</p> <p>3.24 – Street Tree and berm grassing requirements updated</p> <p>3.5.21.1 – Requirement for turning heads in subdivisions specified</p> <p>3.5.21.2 – Bus route requirements for subdivision clarified</p> <p>3.8.8 – Machine laid Kerb and Channel requirements specified</p> <p>3.25.3 – Street lighting lamp requirements clarified</p> <p>3.26 – Requirements for stock underpass added</p> <p>5.9.1.0 – Addition of material specification for live watermain cut in</p> <p>5.18.2 – Fire hydrant location clarified</p> <p>6.3.1 – Treatment requirements clarified</p> <p>6.7 – Rain garden requirements updated</p> <p>6.7.1.2 – Dam guideline appendix introduced</p>	March 2025
<b>Section 1: Introduction</b>	<p>1.2 Interpretation</p> <p>1.3 Developers Technical Representative</p> <p>1.11 Greenfield Reserves Development Criteria</p> <p>1.13 Engineering Drawings, Specifications and Reports</p> <p>1.14 Draughting Standards – Engineering Drawings</p> <p>1.18 Works in Roads and Road Reserves</p> <p>1.29 "As Built" Drawings</p> <p>1.3 Practical completion inspection</p> <p>1.33 Acceptance or Approval of Works</p> <p>1.34. Maintenance of Works</p>	February 2023
<b>Section 3: Roading</b>	<p>3.2. Standards and Specifications</p> <p>3.5. Geometric Design of Carriageways</p> <p>3.6. Structural Design and Testing of Pavements</p> <p>3.7. Pavement Construction and Testing</p> <p>3.8. Construction of Kerb and Channel</p> <p>3.9. Footpaths</p> <p>3.10. Crossings</p> <p>3.19. Access to Rear Lots</p>	

<b>Chapter 4: Wastewater Drainage</b>	4.12. Pipe Laying and Testing	July 2021
<b>Chapter 5: Water Supply</b>	5.15. Construction  5	July 2021
<b>Chapter 6: Stormwater Drainage</b>	6.12. Pipe Laying and Testing 6.7. Water Sensitive Design	

<p><b>Standard Drawings Updated or Renewed</b></p>	<p>1.3 Trench Cross Section for Fixing Roads and Footpaths  3.1 Mobility Crossing &amp; Corner Splay Details  3.1.1A Mobility Crossing with Grass Frontage  3.1.1B Mobility Crossing with no Grass Berm  3.2 Intersection detail  3.5 Dish Channel and Subgrade Drainage  3.9 Road typical Cross Section  3.11 Stormwater to Kerb  3.12 Footpath details  3.4.1 Rural Road / Accessway Entrance-Edge Protection for Drain Depth &lt;1m  3.14 Dish Vehicle Crossing Details (Hotmix Footpath)   3.15 Dish Vehicle Crossing (Berm &amp; Footpath)  3.18 Plate Vehicle Crossing  3.19.1 Build-Up Vehicle Crossing  3.21.1A Residential Vehicle Crossing Detail for the UFB Fibre Installation Reinstatement requirements (sheet 1 of 2)  3.21.1B Residential Vehicle Crossing Detail for the UFB Fibre Installation Reinstatement requirements (sheet 2 of 2)  3.22 Rural Vehicle Crossing – one lot  3.23 Rural Vehicle Crossing – 2 to 4 lots  3.27 Residential Access to Rear Lots - One to Three Lots  3.28 Residential Access to rear Lots – Four to Six Lots  3.29 Rural – Access to Rear Lots  3.31.1 Street Tree – Plan and Details  3.32 Stormwater and sewer access chamber Lid securing details  4.1 Pipe Trenching Details- Wastewater &amp; Stormwater  4.2 Anti-Scour Blocks for Steep Pipelines  4.3 Manhole -Wastewater  4.6 Standard Two Pump station – Plan  4.6.1 Standard Two Pump station – Elevation  4.7 Standard Pump Bypass  4.6.1 Standard Two Pump station – Elevation  4.10 Trafficable Boundary Kit -Pressure Sewer  4.10.1 Non Trafficable Boundary Kit -Pressure Sewer  5.2.1 Water in ROW  5.4 Sluice Valve Installation  5.6 Watermain – Pipelaying Details  5.8 20mm ID Water Service Connection and Manifold  5.9 25mm, 32mm, &amp; 40mm ID Service Connection and Valve  5.11 Manifold Assembly at Boundary</p>	<p>July 2021</p>
<p><b>Appendixes Updated or Renewed</b></p>	<p>Appendix 8 Pump Station Design Check Sheet  Appendix 11 AsBuilt Shapefile Templates  Appendix 12 Schedule of Assets  Appendix 13 Rain-garden-design-construction-and-maintenance-manual Courtesy of CCC</p>	

