



Construction Standard Specification 2025 – Amendments Summary

This summary highlights amendments made for the October 2025 version, when compared to the November 2022 version (and to the additional amendments made in 2023 and 2024).

Grammar corrections are not included.

Clause references are to the new version unless stated otherwise.

CSS: All Parts

Part/Clause	Paragraph	Amendment Details	Date
All	Improvement	Hyperlinks URLS updated to reference the correct documents.	October 2025
All	Improvement	Reference Documents Missing or incorrect reference documents corrected.	October 2025

CSS: Part 1 - General

Part/Clause	Paragraph	Amendment Details	Date
Part 1			
12	Updated	Protection of LINZ Survey Marks - CCC Benchmark protection is no longer required.	October 2025
32.5.1	Updated	Compaction Tests – training requirements for ND testers	October 2025
35.2	Updated	CCC AP65 / Crushed AP65 – Crushed AP 65 requirements added.	October 2025
41	Updated	Structural Soil - requirements amended.	October 2025

CSS: Part 1 – Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)
SD101	Trench Restoration	Nov-2022	NZTA M/10:AC14 depth amended to 55mm Note 2: Final surface seal treatment - reference to NZUAG 5.6 added

CSS: Part 2 - Earthworks

Part/Clause	Paragraph	Amendment Details	Date
Part 2			
Standard Details	Updated	SD 201 Berm Construction removed from Part 2 and added to Part 6 SD 607 Sheet 2	October 2025
2 - Related Documents	Updated	NZS 4431 CoP for earth fill for residential development - updated to the 2022 version	October 2025
6 – Pesticide and Herbicide Application	6.2 Safety	Reference to Growsafe for Certification and manufacturers specifications for application.	October 2025
9 - Topsoil Placement	9.2 Ripping	Ripping depth modified and as directed by the Engineer	October 2025
9 - Topsoil Placement	9.5.1 Berms	Standard Drawing reference updated	October 2025
Inspection & Test Plan	Updated	Item 2 – 6.2 Safety Requirements Item 5 – 9.5.1 Berm Detail reference	October 2025

CSS: Part 2 – Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)
SD201	Berm Construction	Nov-2022	SD201 deleted and moved to Part 6. See <i>Berm Construction SD607 - Sheet 2</i>

CSS: Part 3 - Drainage

Part/Clause	Paragraph	Amendment Details	Date
3.2 PE Welders	Added	New Clause 3.2 Polyethylene Welders – Authorized PE welders required.	October 2025
5.3 Abandoned Infrastructure	Added	New Clause 5.3.4 for PSS Pipes added	October 2025
8.7 Pipe Protection	Updated	8.7.1 Minimum Cover to Flexible Pipes increased for path, gardens and open country.	October 2025
8.8 Pressure Pipelines	Added	New sentence prohibiting the use of squeeze off tools.	October 2025
8.11 Carrier Pipe and Duct Install	Removed	The whole clause removed and to be added to IDS	October 2025
9.1.3 Directional Drilling	Updated	Minimum cover to direct drilled pipes increased for path, gardens and open country.	October 2025
14.3 Pressure Pipelines	Updated	14.3.2 and 14.3.3 Polyethylene pipes Now require pressure test compliance after civil works are completed.	October 2025
14.5 Weld Tests	Added	New sentence defining pipe and fitting batches.	October 2025

CSS: Part 3 – Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)
SD301-1	Circular Manhole Frames & Covers	Nov-22	New note on frame fixing details
Multiple	SD301/2-3, SD302/1-2, SD303/1-3, SD304, SD305/1, SD306/1-2, SD307, SD308/2, SD327, SD328, SD330, SD375, SD376, SD383, SD384/1, SD385/1-2	Various	New Note: “150mm x 150mm concrete surround with 12mm stirrup when located in grassed area”
SD305-1	Gravity Drop Structure in Manhole	Dec-19	New Note: Remove all old steps – epoxy exposed steel
SD305-2	Pressure Sewer Discharge into Manholes – Non-Turbulent Discharge for Diameters up to DN63	Dec-19	New Note: Remove all old steps – epoxy exposed steel
SD305-3	Pressure Sewer Discharge into Manholes - Turbulent Discharge for Diameters DN90 to DN180	Nov-22	New Note: Remove all old steps – epoxy exposed steel
SD306-1	Manhole Raising Top Adjustment	Apr-14	New Note: Remove all old steps – epoxy exposed steel
SD306-2	Manhole Raising Bottleneck Frame Adjustment	Apr-14	New Note: Remove all old steps – epoxy exposed steel
SD325-1	Single & Double Sumps Flat Channel	Nov-22	Note 5 regarding inlet capacity deleted
SD325-2	Cycleway Sump Flat Channel	Oct-16	Plan detail clarified. AC depth to frame now 30mm. Designer note regarding inlet capacity reworded.
SD341-4	Corbel Details for PVC-U Pipes up to DN400	Dec-19	New Note: Remove all old steps – epoxy exposed steel Length of D12 into benching noted
SD344-1	Concrete Pipe Joint Gap, Wrap and Embedment Details	Nov-22	Title amended. Pipe joint detail added from sheet 2. Wrap shown on trench detail. New table of Laying Gaps and trench width. Amended Notes.
SD344-2	Flexible Pipes Embedment and Joint Details	Nov-22	Wrap details moved to sheet 1. IDS reference removed from notes.
SD361	Direct Connections to Stormwater Pipes	Mar-13	Note 10 – approved by the Engineer etc – deleted
SD385-1	Pressure Sewer Valve Cover	Nov-22	DN150 PVC pipe (Min SN8) shroud Valve spindle extension fixed so it can not be removed

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SD385-2	Service Cover Reinstatement	Nov-22	Note to plan added “DN150 PVC pipe (Min SN8) pipe shroud length to suit” Added Note 2 “Fit triangular spindle cap and extension to triangle spindle”
SD386-1	Pressure Sewer System Chamber Typical Location	Nov-22	Offset and depth dimensions added. Minimum cover to pipework increased Notes added or amended: Note 1 reference added to comply with NZBC G13. Note 3 bend dimension added Note 5 conduits not under structures Note 6 Flexible conduits allowable locations noted
SD386-2	Pressure Sewer System Tank (Non-Trafficable)	Dec-19	Dimensions changed. Tank lifting note added. Note 2 added reference to geotextile
SD387-1	Pressure Sewer Reticulation Details	Nov-22	New note “Additional coupler required for cut-ins”
SD387-2	Pressure Sewer Reticulation Details	Dec-19	New note “Additional coupler required for cut-ins” Notes 1 and 2 deleted. New note 1 covers saddles and self tapping saddles

CSS: Part 4 - Water Supply

Part/Clause	Paragraph	Amendment Details	Date
4.0 – Prevention of Contamination	Updated	Water Supply Hygiene Code of Practice added Drinking Water Quality Assurance Rules added Water Regulator, Taumata Arowai added	October 2025
9.4 – Cover over Pipes	Updated	New pipe cover requirements	October 2025
11.7.2 - Directional Drilling	Updated	Cover for submains	October 2025
11.9 - Carrier Pipe & Duct Installation	Added	Design information moved to IDS and replaced with construction information	October 2025
12.1 - Fasteners	Updated	Compliance for Bolts and washes	October 2025
12.5.3 – Precast Thrust Blocks	Updated	Design requirements for 150mm mains	October 2025
12.6 – Anchor Blocks	Updated	Pipe type changed	October 2025
12.7 – Abandoned Pipes	Updated	New requirements	October 2025

CSS: Part 4 –Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)
SD403-1	Typical Layout for Consumer Connection	Dec-09	Valve to lid gap increased
SD410	Pipelaying Bedding Haunching and Surround	Dec-19	Plan reference correction
SD411-2	Inline Thrust and Anchor Blocks For PE Pipe To Socket Pipe	Nov-22	Flange and reinforcing notes
SD411-3	Inline Thrust and Anchor Blocks	Nov-22	Reinforcing notes
SD412	Hydrant Cover	Dec-19	Note 2 reference removed
SD413-1	Valve Cover for Low Traffic Areas	Dec-19	Pipe shroud note added and Note 2 reference removed
SD421	Water Supply Backflow Preventer RPZ	Oct-16	Plan reference correction
SD444-1	Soft Ground Foundation	Nov-22	Plan reference correction

CSS: Part 5 – Lighting

Part/Clause	Paragraph	Amendment Details	Date
Part 5			
2 – Related Documents	Updated	AS/NZS 1158 various updated versions AS/NZS 1158.4:2015 – Lighting for Roads and Public Spaces – Part 4 Lighting for Pedestrian Crossings added	October 2025

CSS: Part 5 – Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)

CSS: Part 6 – Roads

Part/Clause	Paragraph	Amendment Details	Date
Part 6			
5.4 - Kerb Repairs	Updated	Repair extents amended	October 2025
6.4 - Weed Control	Updated	Reference to application requirements in Part 2 added	October 2025
8.4 – Weed Control	Updated	Reference to application requirements in Part 2 added	October 2025
9.9 – Weed Control	Updated	Reference to application requirements in Part 2 added	October 2025
10.5 – Weed Control	Updated	Reference to application requirements in Part 2 added	October 2025
10.9 - Paving	Updated	Use of pavelock sand requirement added	October 2025
11.6 – Acceptance Criteria	Updated	11.6.1 By Clegg Hammer not accepted added	October 2025
15.4 - Acceptance Criteria	Updated	Pre seal acceptance criteria expanded	October 2025
Appendix 1 – Check sheets	Updated	Clause requirements from 6.4, 8.4, 9.9, 10.5, 10.10, 15.4 added	October 2025

CSS: Part 6 –Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)
SD607-1	Asphaltic Concrete Footpath & Vehicle Crossing Construction	Nov-22	Reference to sheet 2 added
SD607-2	Grass Berm Construction	Dec-09	Moved from SD201 – Dimensions amended
SD608-1	Concrete Footpath & Vehicle Crossing Construction	Apr-14	Berm Construction SD607 sheet 2 reference added
SD611-1	Vehicle Crossing (Cutdown Kerb)	Mar-13	Reinforcing detail added, residential/commercial added
SD621-1	Pedestrian Safety Fence	Oct-16	Various details amended
SD623-1	Camber Table	Oct-16	Usage parameter note added
SD627-1	Traffic Signal Pole Location Relative to Kerb Cutdown	Dec-19	Offset dimensions amended
SD631-1	Road Hump Details	Nov-22	Asphalt layers and key in details amended
SD634-1	Interlocking Concrete Block Edge Treatments	Nov-22	Ramp Asphalt layers and key in details amended
SD635-1	Mid-Block Pedestrian Island	Nov-22	Central kerb alignment amended
SD641-1	Typical Road Hump & Platform Road marking	Nov-22	Dimension notes added
SD644-1	Typical Bus Stop Road marking	Nov-22	Green surfacing amended
SD644-2	Typical Indented Bus Bay	Nov-22	Green surfacing amended
SD646-1	Chevron and PW5 Sign	Dec-09	Detail Deleted
SD648-1	Safe Routes to School Signage	Dec-09	Detail Deleted
SD649-1	Width Marker and Hazard Marker	Oct-16	References and Note amended
SD650-1	Cycle Lane at Intersection with Edge Lines	Dec-09	Continuity line note amended
SD660-1	Cycle Give Way Sign	Nov-22	Supplementary sign removed Title amended
SD661-1	Pedestrian and Cycle Symbols	Oct-22	Minimum spacing added. Sizes amended



CSS Part 7 – Landscapes

Part/Clause	Paragraph	Amendment Details	Date
Part 7			
1 - Foreword	Improvement	New Clause Paragraph added regarding quality standards.	October 2025
2 - Related Documents	Reference Added	CCC Waterways, Wetlands and Drainage Guide 2003	October 2025
3 – Approval of Materials...	Improvement	New Clause Pre-existing trees and vegetation that is to be retained must be inspected by Council to ensure the trees are healthy and structurally sound	October 2025
4 – Supply of Tree and Plant Materials	Improvement	Clause 4.1 change Added ... ‘true to form and shape’ to Scope of Work	October 2025
4.2 – Inspection and Acceptance	Improvement	Clause 4.2 change Paragraph 3 added ‘the correct species as specified in the accepted landscape plans and are’ Paragraph 4 replace ‘Technician’ with ‘suitably experienced Arborist’	October 2025
4.3 - Trees	Clarification	Identification - when sourced from a specific ecological region Health and Vigour - new canopy and foliage requirements Pest and Disease – Deleted ‘substantially’ Injury – revised description Pruning – deleted non relevant restrictions Included Bark – deleted non relevant description	October 2025
4.4 - Plant Materials	Improvement Correction	Above Ground – reference to Eco sourcing added Below Ground – reference to pests added Root Direction – Last Paragraph, last sentence deleted.	October 2025
5.2 – Supply and Collect	Correction Clarification	Substitutions approval required for Council initiated projects only Clarification to paragraph 2 and 3	October 2025
5.3 Transportation and Storage	Clarification Correction	Delivery destination clause deleted.	October 2025



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Part/Clause	Paragraph	Amendment Details	Date
6.2 - Timing	Correction Improvement	“Council initiated projects” added. Last sentence “Contractor shall cooperate” deleted.	October 2025
6.3 - Setting Out	Improvement	Last sentence “Contractor shall cooperate” deleted.	October 2025
6.5 – Transplanting Trees	Improvement	Reference to “site specific” methodology added	October 2025
6.6 – Tree Pit	Improvement	Tree pit definition added. Tree pit shape requirement deleted.	October 2025
6.8, 6.9	Improvement	Clause 6.9 Acceptance Criteria - Title change to Practical Completion Acceptance Criteria and moved to Clause 6.8 with text re-written Clause 6.9 is now Establishment with No change to text.	October 2025
6.10, 6.11	Improvement	New Clause 6.10 Final Completion Acceptance Criteria has been added. Clause 6.11 is now Measurement of Work and Basis of Payment with no change to text.	October 2025
7.9, 7.10, 7.11, 7.12	Improvement	Clause 7.10 Acceptance Criteria – Title change to Practical Completion Acceptance Criteria and moved to Clause 7.9 with text re-written Clause 7.10 is now Establishment with no change to text. New Clause 7.11 Final Completion Acceptance Criteria has been added. Clause 7.12 is now Measurement of Work and Basis of Payment with no change to text.	October 2025
8	Improvement	Title Change: MULCHING AND POST-PLANTING SPRAYING	October 2025
8.2 - Preparation	Improvement	First paragraph description expanded.	October 2025
8.3 – Mulch	Improvement	Timing of application added.	October 2025
8.6.2	Improvement	Change of scope to exclude application of herbicide.	October 2025
9.2 – Tree Stakes	Correction	First sentence descriptor deleted.	October 2025
9.5 – Basis of Payment	Correction	Change to include supply, installation etc.	October 2025
12.1 – Scope of Work	Correction	Change to clarify turf as “pre-prepared turf”	October 2025
12.6, 12.7	Improvement	Clause 12.7 Acceptance Criteria - Title change to Practical Completion Acceptance Criteria and moved to Clause 12.6 with text re-written. Clause 12.7 is now Establishment with change to reference turf	October 2025



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Part/Clause	Paragraph	Amendment Details	Date
12.8, 12.9	Improvement	New Clause 12.8 Final Completion Acceptance Criteria has been added. Clause 12.9 is now Measurement of Work and Basis of Payment . With text changes to include “temporary fencing”.	October 2025
13.7, 13.8	Improvement	Current Clause 13.8 Acceptance Criteria - Title change to Practical Completion Acceptance Criteria and moved to Clause 13.7 with text re-written. Clause 13.8 is now Establishment with no change to text.	October 2025
13.9, 13.10	Improvement	New Clause 13.9 Final Completion Acceptance Criteria has been added. Clause 13.10 is now Measurement of Work and Basis of Payment . With text changes to include “temporary fencing”.	October 2025
14.1 – Scope of Work	Improvement	Change to include temporary fencing. Fourth paragraph re-worded.	October 2025
14.2 - Watering	Improvement	Prescriptive paragraphs deleted.	October 2025
16– As-built Records	Improvement	New sentence – ‘ <i>records to be provided at Practical Completion</i> ’.	October 2025
Appendix 2	Improvement	Correction of references due to above changes	October 2025
Appendix 3	Improvement	Tree Supply Inspection Form – added “Rootball occupancy correct” “Included bark absent” deleted /acceptable option.	October 2025

CSS: Part 7 –Standard Drawings

Drawing	Drawing Title	Previous Version	Amendment(s)
SD714	Post and Cable Fence	Oct-16	Note added for gateway visibility. Mowing Strip removed.
SD715	Post and Chain Fence	Oct-16	Note added for gateway visibility. Mowing Strip removed.
SD717	Picnic Table	Oct-16	Detail Deleted
SD719	Dog bowl base with E-Mac Drinking fountain and bottle filler	May-06	Detail Deleted
SD721	Plant Bed Formation	Dec-09	Topsoil level changed, Title and notes clearer.
SD722	Boulder in Plant Bed	Oct-16	Improved boulder stability details.
SD735 - 1	High Volume Central Bollard & Markings	Oct-16	Titles, reflective tape, Notes 2, 4 & 6 added.
SD735 - 2	Hinged Bollard	Oct-16	Steel dimensions changed, reflective tapes added.

