

Appendix B: Standard construction drawings ~~Water Main Pressure Testing Criteria~~

Commented [SC1]: New Appendix B was Appendix A. Old Appendix B contents has been deleted.

Where the drawings in NZS4404:2010 and the Supplement document table conflict, precedence shall be given to the supplement document.
Add the following:

Roading

RD-WDC-001	Urban Residential Concrete Path
RD-WDC-002	Urban Residential Sealed Path
RD-WDC-003	Right of Way Crossing Concrete Path
RD-WDC-004	Right of Way Sealed Footpath
RD-WDC-005	Right of Way Concrete Path (4-6 Dwellings)
RD-WDC-006	Right of Way Sealed (4-6 Dwellings)
RD-WDC-007	Commercial Concrete Path
RD-WDC-008	Commercial Sealed Footpath
RD-WDC-009	Maximum Change of Grade (Urban Vehicles)
RD-WDC-010	Maximum Breakover Angles
RD-WDC-011	Rural Heavy
RD-WDC-012	Rural Residential
RD-WDC-013	<u>Rural Residential</u>
RD-WDC- 014 013	Typical Cross Section – Cul De Sac
RD-WDC- 015 014	Typical Cross Section – Section
RD-WDC- 016 015	Typical Cross Section – Right of Way
RD-WDC- 017 016	Typical Cross Section – Services
RD-WDC- 018 017	Transformer Location (Preferred)
RD-WDC- 019 018	Footpath Construction
RD-WDC- 020 019	Mobility Crossing Ramps
RD-WDC- 021 020	Kerb and Channel Details

Commented [SC2]: Renumbering

Common Details

CM-WDC-001	Linetypes and Symbols
CM-WDC-002	Depth Contours Cut/Fill Areas
CM-WDC-003	Typical MH As Built Level Requirements
CM-WDC-004	Typical Sewer Manhole
CM-WDC-005	Open Back Sump
CM-WDC-006	Max Pit
CM-WDC-007	Catch Pit
CM-WDC-008	<u>Sanitary lateral connection to main 1.5m deep or less</u>
CM-WDC- 009 008	Stormwater Connection to Kerb & Channel (standard)
CM-WDC- 010 009	Stormwater Connection to Kerb & Channel (sealed system)
CM-WDC- 011 010	Stormwater Connection to Existing System
CM-WDC- 012 011	Stormwater Connection to Kerb (well up sump)
CM-WDC- 013 012	Sanitary Sewer Connection Upgrade of Existing Lateral
CM-WDC- 014 013	Sanitary Sewer Lateral Connection Detail
CM-WDC- 015 014	Carriageway Restoration
CM-WDC- 016 015	Manhole Haunching
CM-WDC- 017 016	Pipe Installation
CM-WDC- 018 017	Rodding Point
CM-WDC- 019 018	Sanitary Sewer Discharge Lot with Street Frontage
CM-WDC- 020 019	Sanitary Sewer Discharge Rear Lots on ROW (2)
CM-WDC- 021 020	Sanitary Sewer Discharge Rear Lots on ROW (3+)
CM-WDC- 022 021	Sanitary Sewer Discharge Public Sewer on Private Land

CM-WDC-023 022	Sanitary Sewer Discharge Common Private Sewer
CM-WDC-024 023	Alternative Subsoil Drain
CM-WDC-025 024	Subsoil Details
CM-WDC-026 025	Installation of Lead-ins for Telecommunications (new subdivisions)

Commented [SC3]: Re-numbering

Water Supply

WS-WDC-001	Valve Installation
WS-WDC-002	Hydrant Installation
WS-WDC-003	Box-Frame Details
WS-WDC-004	Connections – Service Marking
WS-WDC-005	Connections – Two Riders off Fire Main
WS-WDC-006	Connections – Half Way Rider Link to Main
WS-WDC-007	Connections – Mains to Main
WS-WDC-008	Connections – Combie Tee (PVC Main)
WS-WDC-009	Connections – Combie Cross (PVC Main)
WS-WDC-010	Reduced Pressure Valves
WS-WDC-011	Service Connection Main or Rider to Boundary
WS-WDC-012	Principal Main to Boundary

B2 Add the following paragraph to the end of the clause

Commented [SC4]: Deleted

Refer to Wanganui District Council's test method.

Wanganui District Council adopts the pressure test criteria as set out in AS/NZS 2566 Part 2, Section 6, Appendix M and Appendix O for each specific type of pipe.

6.10.4 Pressure testing of water mains

Replace paragraph with the following new paragraph:

~~Before a new water main is connected to the existing reticulation, a successful pressure test shall be completed. The test shall be carried out as specified in Appendix B, in the presence of the authorised officer.~~

~~The reticulation shall withstand a pressure of 1400kpa measured at the lowest point of the section under test or 1.5 times the working pressure at any point in the system, whichever is greater.~~

~~The pressure shall be maintained for a period of 15 minutes. After 15 minutes the pressure drop shall not exceed 10% of test pressure.~~

~~Pressure test shall be carried out in the presence of an authorised representative of Council.~~

6.12 Add the following new clause

Rural Settlements and areas on restricted water supply

~~All of the above users are advised to have 24 hours on site storage.~~

~~These supplies generally do not have fire fighting capability. The flows to the properties are restricted based on land area and land use.~~

~~Testable double check backflows are to be installed on each connection and generally supplies are metered.~~

WDC LAND DEVELOPMENT AND SUBDIVISION ENGINEERING DOCUMENT 2016
APPENDIX B: STANDARD CONSTRUCTION DRAWINGS

~~Each Scheme has its own Rules, Capital Contributions and connection costs.~~

~~Connection manifolds and fittings inside the manifolds are the property of Council.~~