

Appendix G

Standard Detail Drawings

STANDARD DETAIL DRAWINGS

General

- G1 Private Right of Ways
- G2 Non-residential/Business Private Ways Construction

Roading

- R1 Road Name Sign
- R2 Services Layout Berm Cross Section Urban Situation
- R4 Vehicle Crossing (Urban) Footpath Adjacent to Kerb
- R5 Vehicle Crossing (Urban) Footpath Away from Kerb
- R6 Vehicle Crossing (Urban) for High Speed Turnoff
- R7 Vehicle Crossing Commercial
- R8 Vehicle Crossing (Urban) for Use When Drainage is via Grass Berm
- R9 Typical Vehicle Crossing Slope Details (Urban) Non-Standard Berm
- R11 Intersection Sight Distance Requirements
- R12 Variation of Carriageway Location
- R13 Urban Street Dimension of Cul-de-Sac head
- R14 Alternative Cul-de-sac Heads
- R16 Typical Dimensions for Kerb and Channel
- R17 Typical Cesspit Details
- R18 Back Inlet Catchpit
- R19 Recess Catchpit
- R21 Concrete Footpath Wheelchair Ramp Kerb Crossing
- R22 Pedestrian Crossing Standard Refuge Crossing Point Approach Details
- R23 Pedestrian Crossing Standard Refuge Island Details
- R24 Indented Bus Bays
- R25 Armco Flexrail Fixing Details
- R28 Rural Roding Typical Cross Section
- R29 Standard Rural Property Entrance (Residential Use)
- R31 Private Access Heavy Vehicles (e.g. Tankers)
- R32 Sand for Use in Replacement of Undercuts in Road Works
- R33 Typical Cross Sections Sheet 1
- R34 Typical Cross Sections Sheet 2
- R35 Typical Cross Sections Sheet 3
- R36 Typical Cross Sections Sheet 4

Water

- W1 Watermain Locations at Intersections
- W2 Principal Main to Rider Main Connections
- W3 Scour Valve Detail for 50mm Dia Rider mains
- W4 Standard Fire Hydrant Installation
- W5 Standard Valve Installation
- W6 Valve Marking
- W7 Hydrant Marking – Urban Areas
- W8 Hydrant Markings – Rural Areas
- W9 Service Connection Installation
- W10 Ducted Water Connection
- W11 Reinstatement and Pipe Bedding Details within Road Boundaries, Metalled and Grassed Areas
- W12 Reinstatement and Pipe Bedding Details within Road Boundaries, Concrete and Hotmix Footpaths.
- W13 Reinstatement and Pipe Bedding Details, Concrete Carriageways and Vehicle Crossings
- W14 Reinstatement and Pipe Bedding Details, Chip Seal and Hotmix Carriageways

Storm Water

SW1	Daily Rainfall Depth 20% AEP
SW2	Daily Rainfall Depth 5% AEP
SW3	Daily Rainfall Depth 1% AEP
SW4	Design Rainfall Curves Pukekohe
SW5	Design Rainfall Curves Waiuku
SW6	Design Rainfall Curves Tuakau
SW11	Storm Water Manhole Details
SW12	Inlet and Outlet Structures
SW13	Field Cesspit
SW14	Storm Water House Connections
SW15	Pipe Bedding
SW16	Anchor Block Details
SW17	Private Rural Sediment Detention Pond -Layout Plan
SW18	Private Rural Sediment Detention Pond - Cross Section Detail
SW19	Soakage System Inlet Details
SW20	Standard Soakage System Details
SW21	Aquatunnel Soakage - System Details
SW22	Rainsmart Tanks Soakage - System Details

Sanitary Sewer

SS1	Manhole Details
SS2	Shallow Manhole Details
SS3	Manhole Fittings Details
SS4	House Connections and Ramped Risers
SS5	Anti-Scour Blocks for Steep Sewer Lines
SS6	Pipe Bridge for 150Ø - 200Ø Pipe
SS7	Sewage Pump Station Switchboard – 2 Pump Layout
SS8	Sewage Pump Station Switchboard – 2 Pump Layout
SS9	Sewage Pump Station Switchboard – 4 Pump Layout
SS10	Sewage Pump Station Switchboard – 4 Pump Layout

Parks and Reserves

P1	Pedestrian Accessway
P2	Pedestrian Accessways
P3	Standard Park Barriers
P4	Standard Berm Cross Section With Envelopes for Tree Landscaping
P5	Preferred Street Tree Placement
P6	Pedestrian Safety Handrail Details
P7	Pedestrian Safety Handrail Baseplate Details