## Drawings

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| 200 | Streetscape               | W201 Street Trees - Tree Location |
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|     |                           | W415 Entranceway Sight Distances |
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W426 Concrete Work – Dished Channel
W427 Concrete Work – Recessed Sump
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W429 Concrete Work – Sump Frame & Grate
W430 Concrete Work – Drop Structure
W435 Urban Vehicle Crossing
W436 Vehicle Crossing Profiles
W437 Rural Vehicle Entrance
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W460 Road Marking – Parking Dimensions
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W463 Road Marking – Rural Right Turn Bay
W464 Road Marking – Culvert Marker
W468 Pio Shores Urban Vehicle Crossing

Stormwater

W501 Structure – Manhole Standard
W502 Structure – Manhole Shallow
W503 Structure – Manhole Ladder & Steps
W504 Structure – Manhole Precast 1050mmØ LID
W505 Structure – Manhole Entry Fixing
W506 Structure – Manhole Standard & Raised Access Detail
W507 Structure – Manhole Inclined Access Detail
W514 Structure – Manhole Standard Cover & Frame
W515 Structure – Manhole Light Cover & Frame
W516 Structure – Manhole Heavy Duty Non-rock Type Cover & Frame
W521 Structure – Rodding Eye Shallow < 2.5m
W522 Structure – Rodding Eye Deep > 2.5m
W524 Structure – Inlet & Outlet Structure
W526 Structure – Yard Sump
W531 Property Connection – Standard
W532 Property Connection Depth > 2.5m
W533 Property Connection Within Property
W534 Property Connection Outside Property
W535 Property Connection Entry to Stormwater Main/Mainhole
W536 Property Connection Kerb Connection
W537 Property Connection Stormwater Downpipe Syphons (Residential Sites Only)
W538 Lateral Connection Single Connection to Manhole
W539 Lateral Connection 2 to 6 Connections to Manhole
W540 Lateral Connection Single Connection to Main
W541 Lateral Connection Two Connections to Main
W542 Lateral Connection Two Adjacent Connections to Main
W533 Lateral Connection Rear Lot Connection  
W544 Mains Connection Saddle Connection  
W551 Trenchless Pipe Installation  
W552 Anti-Scour Blocks  
W553 Close Proximity Building Near Public Mains  
W554 Close Proximity Retaining Wall Restrictions  

600 Wastewater  

W601 Structure – Manhole Standard  
W603 Structure – Manhole Ladder & Steps  
W604 Structure – Manhole Precast 1050mmØ LID  
W605 Structure – Manhole Entry Fixing  
W606 Structure – Manhole Standard & Raised Access Detail  
W607 Structure – Manhole Inclined Access Detail  
W608 structure – Manhole Internal Drop  
W609 Structure – Manhole External Drop  
W610 Structure – Manhole PE Pipe Connections Wall Adapter & Precast Manhole  
W611 Structure – Manhole PE Pipe Connections Stub Flange & In-Situ Base  
W612 Structure – Manhole PE Pipe Connections Electrofusion Coupler & In-Situ Base  
W613 Structure – Manhole PE Pipe Connections Puddle Flange & Precast Manhole  
W614 Structure – Manhole Standard Cover and Frame  
W615 Structure – Light Cover and Frame  
W616 Structure – Manhole – Heavy Duty Non Rock Type Cover & Frame  
W620 Structure – Rodding Eye Shallow <2.5m  
W621 Structure – Rodding Eye Deep >2.5m  
W630 Property Connection - Standard  
W631 Property Connection - Depth >2.5m  
W632 Property Connection - Within Property  
W633 Property Connection - Outside Property  
W634 Property Connection - Entry to Wastewater Main/Manhole  
W637 Lateral Connection - Single Connection to Manhole  
W638 Lateral Connection - 2 to 6 Connections to Manhole  
W639 Lateral Connection - Single Connection to Main  
W640 Lateral Connection - Two Connections to Main  
W641 Lateral Connection - Two Adjacent Connections to Main  
W642 Lateral Connection - Rear Lot Connection  
W643 Mains Connection Saddle Connection  
W644 Bulk Head & Trenchstop  
W652 Close Proximity - Building Near Public Mains  
W653 Close Proximity - Retaining Wall Restrictions
## 700 Water

- **W701** Water Supply – Looped and Linked Principal Mains
- **W702** Water Main – Location at Intersections
- **W706** Water Main – Main to Main Connection
- **W708** Water Main – Branch Valves and Hydrant Combinations
- **W709** Water Main – Support for Asbestos Cement Main
- **W710** Water Fittings Hydrant Surround
- **W714** Water Fittings Hydrant Box
- **W715** Water Fittings Hydrant Surround Blocks
- **W716** Water Fittings Valve Surround
- **W717** Water Fittings Valve Box
- **W718** Water Fittings Valve Surround 75mm Concrete
- **W719** Water Fittings Valve Surround 100mm Concrete
- **W720** Water Fittings Valve Surround Heavy Duty Concrete
- **W721** Water Fittings Anchor Block for Sluice Valves On Mains
- **W722** Water Fittings Anchor Block for Flanged Fittings on Mains
- **W724** Water Fittings Hydrant & Valve Marker Post
- **W727** Water Meter Type 1 & 2 Point of Supply Location Installation
- **W728** Water Meter Type 3 & 4 Point of Supply Location Installation
- **W729** Water Meter Fire System Connection with Potable Supply Installation
- **W730** Property Connection Standard 20mm Manifold Connections
- **W731** Property Connection Standard 20mm Manifold Connections Plan View
- **W732** Property Connection Multiple 20mm Manifold Connections
- **W733** Property Connection 20mm Connection Requiring Double Check Valve
- **W734** Property Connection 20mm Connection Requiring RPZ Installation
- **W735** Property Connection 25mm OR 40mm Meter Installation with Double Check Valve
- **W736** Property Connection 25mm OR 40mm Meter Installation with RPZ
- **W737** Property Connection 50mm Combination Meter Installation with Double Check Valve
- **W738** Property Connection Combination Meter Installation with RPZ
- **W739** Property Connection Combined Meter Installation with RPZ and Bypass Option
- **W740** Property Connection Secure Connection

## 800 Streetlighting

- **W801** Streetlighting Mowing Strip Detail

## 900 Network Utilities

- **W901** Network Utility Locations

## 1000 Natural Hazards & Earthworks

- No Drawings
1100  Wastewater Pump Station

W1101 Typical Site Layout
W1102 Elevation Section
W1103 Plan Section
W1104 Detail - Pedestal Base Plate, Pedestal Mounting, Valve Chamber & Riser
W1105 Detail - Deflector Plate, Ladder and Plinth
W1106 Detail – Valve Extension Spindle, Spindle Guide and Handwheel
W1107 Detail – Detail Cover Slab
W1108 Detail – Detail Frame
W1109 Detail – Detail Chamber Lid
W1110 Detail – Chamber Lid Padlock and Handle
W1111 Alternate Rising Main Entry to Receiving Manhole
W1112 25mm Water Service Connection
W1113 Electrical – Standard 2 Pump Stn Without Soft Starters (1 of 2)
W1114 Electrical – Standard 2 Pump Stn Without Soft Starters (2 of 2)
W1115 Electrical – Standard 2 Pump Stn SMC – 3 Soft Starters (1 of 2)
W1116 Electrical – Standard 2 Pump Stn SMC – 3 Soft Starters (2 of 2)
W1117 Electrical – Standard 2 Pump Stn IMS2 Soft Starters (1 of 2)
W1118 Electrical – Standard 2 Pump Stn IMS2 Soft Starters (2 of 2)
W1119 Electrical – Standard 2 Pump Stn ISMC – 3 Soft Starters (1 of 3)
W1120 Electrical – Standard 2 Pump Stn ISMC – 3 Soft Starters (2 of 3)
W1121 Electrical – Standard 2 Pump Stn ISMC – 3 Soft Starters (3 of 3)
W1122 Electrical – 2 Pump Stn Mincas SMC – 3 Soft Starters (1 of 2)
W1123 Electrical – 2 Pump Stn Mincas SMC – 3 Soft Starters (2 of 2)
W1124 Electrical – Pumping Station Cabinet