



# FNQROC Regional Development Manual

## Version Check

	Document Name	Issue No.
	User Guide	01.09
	Definitions	01.09
	AP1 Application Procedures	01.09
	CP1 Construction Procedures	01.09
	DP1 Development Principles	01.09
<b>DESIGN GUIDELINES</b>		
D1	Road Geometry	01.09
D2	Site Regrading	01.09
D3	Road Pavements	01.09
D4	Stormwater Drainage	01.09
D5	Stormwater Quality	11.06
D6	Water Reticulation	01.09
D7	Sewerage System	01.09
D8	Utilities	01.09
D9	Landscaping	01.09
<b>SPECIFICATIONS</b>		
S1	Earthworks	11.05
S2	Road Pavements	01.09
S3	Segmental Paving	11.04
S4	Stormwater Drainage	01.09
S5	Water Reticulation	01.09
S6	Sewerage Reticulation	01.09
S7	Concrete Works	11.06
S8	Landscaping	11.04
<b>LOCAL GOVERNMENT SPECIFIC</b>		
	Cairns Regional Council	01.09
	Cassowary Coast Regional Council	01.09
	Cook Shire Council	01.09
	Tablelands Regional Council	01.09

**STANDARD DRAWINGS****Version**

<b>S1000</b>	<b>Concrete Kerb &amp; Channel</b>	<b>D</b>
<b>S1005</b>	<b>Typical Road Cross Sections Sheet 1</b>	<b>B</b>
<b>S1006</b>	<b>Typical Road Cross Sections Sheet 2</b>	<b>A</b>
<b>S1007</b>	<b>Typical Road Cross Sections Sheet 3</b>	<b>A</b>
<b>S1008</b>	<b>Typical Road Cross Sections Sheet 4</b>	<b>A</b>
<b>S1009</b>	<b>Typical Road Cross Sections Sheet 5</b>	<b>A</b>
<b>S1015</b>	<b>Access Crossovers</b>	<b>B</b>
<b>S1016</b>	<b>Kerb Ramp</b>	<b>A</b>
<b>S1025</b>	<b>Handrail Tubular Steel Fence</b>	<b>A</b>
<b>S1026</b>	<b>Tramway Reserve Fence &amp; Weldmesh Fence</b>	<b>A</b>
<b>S1027</b>	<b>Security Fencing</b>	<b>A</b>
<b>S1035</b>	<b>Pathways / Bikeways</b>	<b>B</b>
<b>S1036</b>	<b>Bikeway Slowdown Control Details</b>	<b>A</b>
<b>S1037</b>	<b>Bikeway Slowdown Control Reverse Curve</b>	<b>A</b>
<b>S1038</b>	<b>Bikeway Slowdown Control Offset Chicane</b>	<b>A</b>
<b>S1039</b>	<b>Bikeway Slowdown Control Z Chicane</b>	<b>A</b>
<b>S1040</b>	<b>Street Name Signs</b>	<b>C</b>
<b>S1041</b>	<b>Traffic Control Devices</b>	<b>B</b>
<b>S1045</b>	<b>Excavation, Bedding &amp; Backfilling of Precast Box Culverts</b>	<b>A</b>
<b>S1046</b>	<b>Excavation, Bedding &amp; Backfilling of Concrete Pipes</b>	<b>A</b>
<b>S1050</b>	<b>Grated Kerb Inlet Pit Pipe dia. Less than 600mm</b>	<b>A</b>
<b>S1055</b>	<b>Grated Kerb Inlet Pit Pipe dia. Greater than 600mm</b>	<b>C</b>
<b>S1060</b>	<b>Kerb Inlet Grate and Frame</b>	<b>B</b>
<b>S1065</b>	<b>Stormwater Manholes 1050 &amp; 1500</b>	<b>B</b>
<b>S1066</b>	<b>Access Chamber Rectangular Roof Slab</b>	<b>A</b>
<b>S1070</b>	<b>Field Inlet Pits</b>	<b>B</b>
<b>S1075</b>	<b>Concrete Pipe Headwall 375mm to 675mm</b>	<b>B</b>
<b>S1080</b>	<b>Box Culvert Headwall H150mm to 600mm</b>	<b>B</b>
<b>S1085</b>	<b>Concrete Headwall Wing Walls and Apron</b>	<b>A</b>
<b>S1090</b>	<b>Box Culvert Headwall Wingwalls and Apron</b>	<b>A</b>
<b>S1095</b>	<b>Subsurface Drainage Flushing Points Outlet</b>	<b>B</b>
<b>S1100</b>	<b>Stormwater Drainage Entry Gates</b>	<b>A</b>

<b>S1105</b>	<b>Rural Allotment Accesses</b>	<b>C</b>
<b>S1110</b>	<b>Concrete Driveway for Allotment Access</b>	<b>C</b>
<b>S2000</b>	<b>Valve Box Installation</b>	<b>A</b>
<b>S2001</b>	<b>Air Valve Pit Air Release</b>	<b>A</b>
<b>S2005</b>	<b>Hydrant Box Installation</b>	<b>A</b>
<b>S2010</b>	<b>Kerb &amp; Road Markers</b>	<b>B</b>
<b>S2011</b>	<b>Steel Marker Posts</b>	<b>A</b>
<b>S2012</b>	<b>Timber Marker Posts</b>	<b>A</b>
<b>S2015</b>	<b>Thrust Block Details</b>	<b>B</b>
<b>S2016</b>	<b>Water Reticulation Bedding Details</b>	<b>A</b>
<b>S2020</b>	<b>Main Connection details</b>	<b>A</b>
<b>S2025</b>	<b>Water Service Road Crossings Low Density Residential</b>	<b>A</b>
<b>S2035</b>	<b>Water Reservoir Level Indicator Details</b>	<b>A</b>
<b>S3000</b>	<b>Sewerage Manholes</b>	<b>B</b>
<b>S3005</b>	<b>House Connection Branches</b>	<b>A</b>
<b>S3015</b>	<b>Sewer Bedding – Trench Details</b>	<b>B</b>
<b>S3020</b>	<b>Sewerage Pump Station Cast Insitu</b>	<b>B</b>
<b>S3025</b>	<b>Sewerage Pump Station Precast Units</b>	<b>A</b>
<b>S3030</b>	<b>Sewerage Pump Station Details</b>	<b>A</b>
<b>S3035</b>	<b>Pump Station Overflow</b>	<b>A</b>
<b>S4100</b>	<b>Tree Guards</b>	<b>C</b>
<b>S4110</b>	<b>Traffic Island Medians</b>	<b>C</b>
<b>S4210</b>	<b>Street Tree Planting</b>	<b>C</b>
<b>S4220</b>	<b>Landscape Mounding</b>	<b>A</b>
<b>S4230</b>	<b>Buffer Mound</b>	<b>D</b>
<b>S4300</b>	<b>Log Barrier Fencing &amp; Timber Bollards</b>	<b>D</b>
<b>S4340</b>	<b>Timber Bench Seat</b>	<b>C</b>
<b>S4370</b>	<b>Playground Edging</b>	<b>C</b>
<b>S4380</b>	<b>Garden Bed Edging</b>	<b>C</b>
<b>S4390</b>	<b>Advisory Signs</b>	<b>C</b>
<b>S9000</b>	<b>Aerial Pipe Crossings</b>	<b>A</b>
<b>S9001</b>	<b>Protection Grill for Aerial Pipe Crossings</b>	<b>A</b>
<b>S9005</b>	<b>Dual Module Electric Control Box</b>	<b>A</b>
<b>S9010</b>	<b>Park Access Gate</b>	<b>A</b>

# LOCAL GOVERNMENT SPECIFIC DRAWINGS

## Cairns Regional Council

### Roadwork's & Drainage

S1010C-CRC	Public Utilities on Road Verges
S1020A-CRC	Segmental Paving Units
S1040B-CRC	Street Signage

### Water

S2000A-CRC	Valve Box Installation
S2001A-CRC	Air Valve Pit - Dia. 50mm & Dia. 80mm Air Valves
S2005A-CRC	Hydrant Box Installation
S2010A-CRC	Marker Plates and Kerb Marking
S2015A-CRC	Thrust Block Details
S2016A-CRC	Water Reticulation Bedding Details
S2020A-CRC	Main Connection Details
S2025A-CRC	Water Service Road Crossings Low Density Urban
S2035-CRC	Water Reservoir Level Indicator Details (Under revision, refer CRC for guidance)
S2038A-CRC	Standard Arrangement of 20mm Water Service Installation & recycled water installations
S2040-CRC	(Deleted – refer CRC for guidance)
S2041-CRC	(Deleted – refer CRC for guidance)
S2042-CRC	(Deleted – refer CRC for guidance)
S2043-CRC	(Deleted – refer CRC for guidance)
S2050A-CRC	Standard Arrangement of >80mm Water & Fire Service Installation

### Sewerage

S3000B-CRC	Sewerage Manholes
S3005A-CRC	Property Connection Branches
S3010A-CRC	Connection To Existing Sewer Mains
S3015A-CRC	Sewer Bedding & Trench Details

<b>S3020B-CRC</b>	<b>Sewerage Pump Station Cast In Situ</b>
<b>S3025A-CRC</b>	<b>Sewerage Pump Station Precast Units</b>
<b>S3030A-CRC</b>	<b>Sewerage Pump Station Details</b>
<b>S3035A-CRC</b>	<b>Pump Station Overflow</b>
<b>S3040-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3041-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3042-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3043-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3045-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3046-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3047-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3048-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>
<b>S3049-CRC</b>	<b>(Deleted – refer CRC for guidance)</b>

#### **Landscaping**

<b>S4010A-CRC</b>	<b>Typical Planting Plan &amp; Plant Schedule</b>
<b>S4020A-CRC</b>	<b>Typical Hard Landscape Plan</b>
<b>S4110A-CRC</b>	<b>Landscaping Guidelines - Tree Grate Type 1</b>
<b>S4120A-CRC</b>	<b>Landscaping Guidelines - Footpath Planter Type A</b>
<b>S4130A-CRC</b>	<b>Landscaping Guidelines - Footpath Planter Type B</b>
<b>S4140A-CRC</b>	<b>Landscaping Guidelines - Footpath Planter Type C</b>
<b>S4150A-CRC</b>	<b>Landscaping Guidelines - Footpath Planter Type D</b>
<b>S4160A-CRC</b>	<b>Landscaping Guidelines - Footpath Planter Type E</b>
<b>S4200A-CRC</b>	<b>Verge Landscaping Guidelines - Tree Planting: Setout</b>
<b>S4210A-CRC</b>	<b>Urban Street Tree Planting</b>
<b>S4220A-CRC</b>	<b>Car Park Tree Planting</b>
<b>S4310B-CRC</b>	<b>Landscaping Guidelines - Timber Bollard</b>

#### **Miscellaneous**

<b>S9000A-CRC</b>	<b>Water and Sewer Pump Station – Preferred Equipment List</b>
<b>S9004A-CRC</b>	<b>Water and Sewer Pump Station – Generator Autochangeover Circuit</b>

<b>S9005A-CRC</b>	<b>Water and Sewer Pump Station – Flow Meter Wiring</b>
<b>S9006A-CRC</b>	<b>Water and Sewer Pump Station – Pump Control Switchboard Solar Shade To Suit 1300mm Wide Switchboard</b>
<b>S9007A-CRC</b>	<b>Water and Sewer Pump Station – - Pump Control Switchboard Solar Shade To Suit 2150 Wide Switchboard</b>
<b>S9015A-CRC</b>	<b>Levels Datum</b>

### **Cassowary Coast Regional Council**

<b>09002-r1</b>	<b>Standard Above Ground Water Meter Plan &amp; Elevation</b>
<b>09039-r0</b>	<b>Standard Below Ground Water Meter Plan &amp; Elevation</b>
<b>09040-r0</b>	<b>Standard Water Details Water Services to Rural &amp; Residential Allotments</b>
<b>09041-0</b>	<b>Standard Detail Rollover Kerb &amp; Channel Elevation</b>
<b>09042-0</b>	<b>Public Utilities Allocation in Footpaths Residential &amp; Rural Residential</b>

### **Cook Shire Council**

**Nil**

### **Tablelands Regional Council**

<b>S2000D-TRC</b>	<b>Valve Box Installation</b>
<b>S2005D-TRC</b>	<b>Hydrant Box Installation</b>
<b>S2015D-TRC</b>	<b>Thrust Block Details</b>
<b>S2020D-TRC</b>	<b>Main Connection Details</b>
<b>S2025D-TRC</b>	<b>Water Serviced Road Crossing Low Density Residential</b>

### **Wujal Wujal Aboriginal Shire Council**

**Nil**