

Development manual planning scheme policy (PSP)

SC6.4.3 Standard Drawings

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SC6.4.3.1 List of standard drawings

(1) Introduction

This section contains the current set of Townsville City Council standard drawings. Council's standard drawings show the minimum standard that Council has adopted for certain types of work. Standards have been developed for works on roads, stormwater drainage, water, sewerage, transport, landscaping and open space, irrigation, and other miscellaneous works.

List of Standard Drawings:

Table SC6.4.3.1 - Townsville City Council Standard Drawings for Roadworks

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Table SC6.4.3.3 - Townsville City Council Standard Drawings for Water

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Table SC6.4.3.5 - Townsville City Council Standard Drawings for Transport

Table SC6.4.3.6 - Townsville City Council Standard Drawings for Landscaping and Open Space

Table SC6.4.3.7 - Townsville City Council Standard Drawings for Irrigation

(2) Standard drawings for roadworks

Table SC6.4.3.1 - Townsville City Council Standard Drawings for Roadworks

[Click here](#) to obtain a copy of the drawings.

Drawing No.	Title
SD-001	Typical Road Cross Sections – Local Streets
SD-002	Typical Road Cross Sections – Major Collector Roads
SD-003	Typical Road Cross Sections – Sub Arterial Roads
SD-004	Typical Road Cross Sections – Arterial Roads
SD-005	Typical Road Cross Sections – Industrial Roads
SD-006	Typical Road Cross Sections – B-Double Turning Path and Access Plan Example Drawing
SD-010	Typical Road Cross Sections – Rural Roads
SD-015	Verge Zones and Trees – General Type Sections
SD-020	Concrete Kerbing
SD-025	Kerb Ramp
SD-030	Driveway Access Urban Residential Properties
SD-031	Driveway Access Industrial Properties
SD-032	Driveway Crossovers Urban Residential Properties
SD-055	Road Crossing and Footpath Reinstatement for Trench Laid Services
SD-060	Traffic Sign Installation
SD-065	Street Name Sign and Installation Details
SD-066	Miscellaneous Traffic Details – Shared Path Terminal Treatments Deflection Rail and Intersection at Side Road
SD-067	Miscellaneous Traffic Details – Pedestrian Refuge and Holding Rail
SD-070	Concrete Pathway Reinforced Concrete (Mesh) Alternative
SD-075	Concrete Pathway Reinforced Concrete (Fibre) Alternative
SD-080	Subsoil Drain

SD-085	Kerb and Channel Drainage Connections
SD-090	Driveway Access Rural Properties Type 1 - Access With Invert Slab H<300mm
SD-091	Driveway Access Rural Properties - Type 2 - Concrete Access With Culvert Cast in-situ with Grate H≥300mm
SD-092	Driveway Access Rural Properties - Type 3 - Gravel Access With Culvert Cast in-situ with Grate H≥300mm
SD-093	Driveway Access Rural Properties - Type 4 - Concrete Access With Culvert Inverted Pre-cast Box Culvert H≥325mm
SD-094	Driveway Access Rural Properties - Type 5 - Gravel Access With Culvert Inverted Pre-cast Box Culvert H≥325mm
SD-095	Driveway Access Rural Properties - Type 6 – Access With Culvert Cast in-situ H≥450mm
SD-096	Driveway Access Rural Properties - Type 7 - Conc. Access With Culvert 535mm<H<685mm
SD-097	Driveway Access Rural Properties - Type 8 - Gravel Access With Culvert 535mm<H<685mm

- (3) Standard drawings for stormwater drainage

Table SC6.4.3.2 - Townsville City Council Standard Drawings for Stormwater Drainage

[Click here](#) to obtain a copy of the drawings.

Drawing No.	Title	
SD-200	Precast Grated Kerb Inlet System and Cast in-situ Stormwater Manhole	
SD-205	Stormwater Manhole Details	
SD-210	Precast Stormwater Manhole – Slab Top Details	
SD-215	Raised Grate Field Inlet Manhole	

- (4) Standard drawings for water

Table SC6.4.3.3 - Townsville City Council Standard Drawings for Water

Refer to the Cairns, Townsville & Mackay (CTM) Water Alliance Design and Construction Code standard drawings for water.

[Click here](#) to obtain a copy of the drawings.

- (5) Standard drawings for sewerage

Table SC6.4.3.4 - Townsville City Council Standard Drawings for Sewerage

Drawing No.	Title	
SD-435	Sewerage Pump Stations Washdown Service Installation	
SD-440	Pressure Main Discharge to Maintenance Hole	
SD-450	Vents at Sewerage Rising Main Receiving Inspection Chambers and Pump Stations	

Refer to the Cairns, Townsville & Mackay (CTM) Water Alliance Design and Construction Code for other standard drawings for sewerage.

[Click here](#) to obtain a copy of the drawings.

- (6) Standard drawings for transport

Table SC6.4.3.5 - Townsville City Council Standard Drawings for Transport

[Click here](#) to obtain a copy of the drawings.

Drawing No.	Title	
SD-500	Standard Bus Shelter Framing Details Sheet 1 of 2	
SD-502	Standard Bus Shelter Slab and Footing Details Sheet 2 of 2	
SD-505	Regional Bus Shelter Framing Details Sheet 1 of 2	
SD-510	Regional Bus Shelter Construction Details Sheet 2 of 2	
SD-515	Standard Bus Stop Urban Location Layout Details Type 1 and 2	
SD-520	Regional Bus Stop Urban Location Layout Details Type 3 and 4	
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SD-530	Standard Bus Stop Urban and Rural Locations Layout Details Type 7 and 8	
SD-535	J Pole, Timetable Display Case, Rubbish Bin and Sleeve Installation Details	
SD-540	School Bus Bus Stop Sign Details	
SD-545	Bus Setdown – Urban Locations Layout Details	
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SD-575	Standard-City Bus Shelter Framing Details	
SD-580	Standard-City Bus Shelter Slab and Footing	
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SD-596	Taxi sign details	

- (7) Standard drawings for landscaping and open space

Table SC6.4.3.6 - Townsville City Council Standard Drawings for Landscaping and Open Space

[Click here](#) to obtain a copy of the drawings.

Drawing No.	Title	
SD-600	Open Space Standard Drawing Index	
SD-641	Surface Treatment Edging	
SD-642	Surface Treatment Rubber Softfall	
SD-643	Surface Treatment Sand Softfall	
SD-644	Surface Treatment Decomposed Granite Path	
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SD-653	Fencing Dog Off-Leash Area	
SD-654	Fencing Open Space Bollard	
SD-657	Fencing Maintenance Access Gate	
SD-664	Furniture - Drinking Fountain	

(8) Standard drawings for irrigation

Table SC6.4.3.7 - Townsville City Council Standard Drawings for Irrigation

[Please contact Townsville City Council to obtain a copy of drawings](#)

Drawing No.	Title	
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SD-4.2	XR 1 - 4 Terminal Layout and Power Diagram	
SD-4.3	XR 1 - 4 Control Enclosure	
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SD-4.5	XR 1 - 4 Preferred Equipment List – Controller and Telemetry	
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SD-5.3	AC Irrinet ACE DR 24 – 48 Control Enclosure	
SD-5.4	AC Irrinet ACE DR 24 – 48 Base and Pole	
SD-5.5	AC Irrinet ACE DR 24 – 48 Electrical Diagram	
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