

SCHEDULE 4 - INFRASTRUCTURE

Division 1 – Standards of Service for Infrastructure

- (1) The following table identifies the planned standards of service for infrastructure in the Shire.

Column 1 Zone	Column 2 Standards of Service
Rural	Water supply <ul style="list-style-type: none"> ▶ For residential use – potable water supply is to be demonstrated and an alternative water supply to be identified.
	Waste water and sewerage <ul style="list-style-type: none"> ▶ On site disposal of effluent and waste water in accordance with the Onsite Sewerage Code²³⁷ and any relevant supplementary planning scheme policy.
	Electricity <ul style="list-style-type: none"> ▶ The standards of service nominated by the electricity supply authority ▶ Reticulated electricity to be made available at the property boundary. Alternative power sources may be considered where supported by the electricity service authority.
	Telecommunications <ul style="list-style-type: none"> ▶ The standards of service nominated by the relevant telecommunications supply authority.
	Roads <ul style="list-style-type: none"> ▶ New roads to be constructed and sealed in accordance with Council Policy. ▶ Existing roads to be sealed in accordance with policy.
	Vehicular access <ul style="list-style-type: none"> ▶ Vehicular access to be constructed in accordance with standards specified in Division 2 of this Schedule.
Park Residential	Water supply <ul style="list-style-type: none"> ▶ Reticulated water supply in accordance with Council Policy for residential and fire fighting use.
	Waste water and sewerage <ul style="list-style-type: none"> ▶ On site disposal of effluent and waste water in accordance with the Onsite Sewerage Code²³⁶ and any relevant supplementary planning scheme policy.
	Electricity <ul style="list-style-type: none"> ▶ The standards of service nominated by the relevant electricity supply authority. ▶ Electricity supply is to be underground.

²³⁷ Pursuant to Section 74 of the *Queensland Standard Sewerage Law*, the On-site Sewerage Code is prepared by the Queensland Department of Natural Resources and Mines.

Column 1 Zone	Column 2 Standards of Service
	<p>Telecommunications ▶ The standards of service nominated by the relevant telecommunications supply authority.</p> <p>-----</p> <p>Roads ▶ New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.</p> <p>-----</p> <p>Vehicular access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>-----</p> <p>Pedestrian access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>-----</p> <p>Bikeways ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>-----</p> <p>Stormwater ▶ Roads to be drained in accordance with Council Policy.</p> <p>-----</p> <p>Street Lighting ▶ Street lighting to be provided in accordance with Council Policy.</p> <p>-----</p>
Residential	<p>Water supply ▶ Reticulated water supply in accordance with Council Policy for residential and fire fighting use.</p> <p>-----</p> <p>Sewerage ▶ Reticulated sewerage scheme to be provided.</p> <p>-----</p> <p>Electricity ▶ The standards of service nominated by the relevant electricity supply authority ▶ Electricity supply is to be underground.</p> <p>-----</p> <p>Telecommunications ▶ The standards of service nominated by the relevant telecommunications supply authority.</p> <p>-----</p> <p>Roads ▶ New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.</p> <p>-----</p> <p>Vehicular access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>-----</p> <p>Pedestrian access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>-----</p> <p>Bikeways ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>-----</p> <p>Stormwater ▶ Roads to be drained in accordance with Council Policy.</p> <p>-----</p> <p>Street lighting ▶ Street lighting to be provided in accordance with Council Policy.</p> <p>-----</p>

Column 1 Zone	Column 2 Standards of Service
Village	Water supply <ul style="list-style-type: none"> ▶ Reticulated water supply in accordance with Council Policy for residential and fire fighting use. ▶ Connection to a reticulated water supply to be provided at Keppel Sands, Marlborough, Ogmore. All other areas water supply to be potable, in accordance with Council Policy.
	Waste water and sewerage <ul style="list-style-type: none"> ▶ On site disposal of effluent and waste water in accordance with the Onsite Sewerage Code²³⁶ and any relevant supplementary planning scheme policy.
	Electricity <ul style="list-style-type: none"> ▶ The standards of service nominated by the relevant electricity supply authority
	Telecommunications <ul style="list-style-type: none"> ▶ The standards of service nominated by the relevant telecommunications supply authority.
	Roads <ul style="list-style-type: none"> ▶ New and existing roads to be sealed with asphalt.
	Vehicular access <ul style="list-style-type: none"> ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Pedestrian access <ul style="list-style-type: none"> ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Bikeways <ul style="list-style-type: none"> ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Stormwater <ul style="list-style-type: none"> ▶ Roads to be drained in accordance with Council Policy.
	Street lighting <ul style="list-style-type: none"> ▶ Street lighting to be provided in accordance with Council Policy.
Yeppoon Central and Business	Water supply <ul style="list-style-type: none"> ▶ Reticulated water supply in accordance with Council Policy for defined purposes and fire fighting use.
	Sewerage <ul style="list-style-type: none"> ▶ Reticulated sewerage scheme to be provided.
	Electricity <ul style="list-style-type: none"> ▶ The standards of service nominated by the relevant electricity supply authority ▶ Electricity supply is to be underground in Yeppoon and Emu Park.
	Telecommunications <ul style="list-style-type: none"> ▶ The standards of service nominated by the relevant telecommunications supply authority.
	Roads <ul style="list-style-type: none"> ▶ New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.

Column 1 Zone	Column 2 Standards of Service
	<p>Vehicular access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>Pedestrian access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>Bikeways ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>Stormwater ▶ Roads to be drained in accordance with Council Policy.</p> <p>Street lighting ▶ Street lighting to be provided in accordance with Council Policy.</p>
Industry	<p>Water supply ▶ Reticulated water supply in accordance with Council Policy for defined purposes and fire fighting use.</p> <p>Sewerage ▶ Reticulated sewerage scheme to be provided.</p> <p>Electricity ▶ The standards of service nominated by the relevant electricity supply authority ▶ Electricity supply is to be underground in Yeppoon and Emu Park.</p> <p>Telecommunications ▶ The standards of service nominated by the relevant telecommunications supply authority.</p> <p>Roads ▶ New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.</p> <p>Vehicular access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>Pedestrian access ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>Bikeways ▶ To be constructed in accordance with standards specified in Division 2 of this Schedule.</p> <p>Stormwater ▶ Roads to be drained in accordance with Council Policy.</p> <p>Street lighting ▶ Street lighting to be provided in accordance with Council Policy.</p>
Open Space	<p>Water supply ▶ Reticulated supply where in conjunction with building works, in accordance with Council Policy.</p> <p>Waste water and sewerage ▶ On site disposal of effluent and waste water in accordance with the Onsite Sewerage Code²³⁶ and any relevant supplementary planning scheme policy.</p>

Column 1 Zone	Column 2 Standards of Service
	Electricity D The standards of service nominated by the relevant electricity supply authority
	Telecommunications D The standards of service nominated by the relevant telecommunications supply authority.
	Roads D New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.
	Vehicular access D To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Pedestrian access D To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Bikeways D To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Stormwater D Roads to be drained in accordance with Council Policy.
	Street lighting D Street lighting to be provided in accordance with Council Policy.
Special Purpose	Water supply D Reticulated supply where in conjunction with building works, in accordance with Council Policy.
	Waste water and sewerage D On site disposal of effluent and waste water in accordance with the Onsite Sewerage Code ²³⁶ .
	Electricity D The standards of service nominated by the relevant electricity supply authority
	Telecommunications D The standards of service nominated by the relevant telecommunications supply authority.
	Roads D New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.
	Vehicular access D To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Pedestrian access D To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Bikeways D To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Stormwater D Roads to be drained in accordance with Council Policy.
	Street lighting D Street lighting to be provided in accordance with Council Policy.

Column 1 Zone	Column 2 Standards of Service	
Comprehensive Development	Water supply	<ul style="list-style-type: none"> Reti­cu­lated supply where in con­junc­tion with build­ing works, in ac­cor­dance with Council Policy.
	Waste water and sewerage	<ul style="list-style-type: none"> Reti­cu­lated sewerage scheme to be provided; or On site disposal of effluent and waste water in ac­cor­dance with the Onsite Sewerage Code²³⁶ and any relevant supplementary planning scheme policy.
	Electricity	<ul style="list-style-type: none"> The standards of service nominated by the relevant electricity supply authority.
	Telecommunications	<ul style="list-style-type: none"> The standards of service nominated by the relevant telecommunications supply authority.
	Roads	<ul style="list-style-type: none"> New and existing roads to be sealed with asphalt, to be provided with kerb and channelling, and major/minor storm water management strategy.
	Vehicular access	<ul style="list-style-type: none"> To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Pedestrian access	<ul style="list-style-type: none"> To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Bikeways	<ul style="list-style-type: none"> To be constructed in accordance with standards specified in Division 2 of this Schedule.
	Stormwater	<ul style="list-style-type: none"> Roads to be drained in accordance with Council Policy.
	Street lighting	<ul style="list-style-type: none"> Street lighting to be provided in accordance with Council Policy.

Division 2 – Construction Standards for Infrastructure

- (1) The construction standards for infrastructure works, including works for reconfiguring of a lot in the Shire are the following:

For roads:

- Relevant parts of the Capricorn Municipal Development Manual adopted by Council by resolution; and
- Relevant planning scheme policies;

For stormwater drainage:

- Queensland Urban Drainage Manual* (QUDM – latest edition as amended) for urban drainage; and
- Queensland Department of Main Roads – *Urban Road Design Volume 2 for Culvert Design (section 10-1800 to 10-2080)* for rural road cross drainage provision.

For water supply:

- Queensland Water Resources Commission's *Guidelines for Planning and Design of Urban Water Schemes*.

For sewerage:

- Queensland Water Resources Commission's *Guidelines for Planning and Design of Sewerage Schemes*.

For wastewater treatment and disposal (in Rural, Park Residential and Village Zones):

- Australian Standard AS/NZS 1547:2000 - *On-site domestic wastewater management*; and
- *On-site Sewerage Code* (Queensland Department of Natural Resources, July 2002); and
- Relevant planning scheme policies

For vehicular access:

- Relevant planning scheme policies.

For pedestrian access:

- Relevant planning scheme policies.

For bikeways:

- *AUSTROADS Part 14 Guide to Traffic Engineering Practice BICYCLES*; and
- Relevant planning scheme policies

For erosion and sediment control

- *Guidelines for Soil Erosion and Sediment Control for Construction Sites*. (Institution of Engineers, Brisbane, 1996)