

LIVINGSTONE SHIRE COUNCIL

Local Government Infrastructure Plan

Plans for Trunk Infrastructure

Public Parks and Land for Community Facilities

Review Report

2024

Version 4

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1.0 Background

In the State of Queensland, it is a requirement of the *Planning Act 2016* that local government prepare a Local Government Infrastructure Plan (LGIP) which forms a part of the local government planning scheme.

The purpose of the local government infrastructure plan is to:

- (1) integrate infrastructure planning with the land use planning identified in the planning scheme;
- (2) provide transparency regarding a local government's intentions for the provision of trunk infrastructure;
- (3) enable a local government to estimate the cost of infrastructure provision to assist its long term financial planning;
- (4) ensure that trunk infrastructure is planned and provided in an efficient and orderly manner; and
- (5) provide a basis for the imposition of conditions about infrastructure on development approvals.

The local government infrastructure plan:

- (1) states the assumptions about future growth and urban development including the assumptions of demand for each trunk infrastructure network;
- (2) identifies the prioritised infrastructure area which is serviced or intended to be serviced with development infrastructure for urban purposes, and which can accommodate urban growth for a period of 10 to 15 years;
- (3) states, for each trunk infrastructure network, the desired standard of performance;
- (4) identifies the existing and future trunk infrastructure for the following networks:
 - (a) water supply;
 - (b) sewerage;
 - (c) transport;
 - (d) public parks and land for community facilities;
- (5) provides a list of supporting documents that assist in the interpretation of the local government infrastructure plan.

2.0 Purpose of Report

This report has been prepared to assist with interpreting the Livingstone Shire Council Local Government Infrastructure Plan. The report should be read in conjunction with the document titled *Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023* and other extrinsic material outlined in this document. This report provides a summary of the information used to inform decisions about Council's plans for trunk infrastructure for parks and land for community facilities.

3.0 Planning Assumptions

Planning assumptions are an important base for infrastructure planning. Planning assumptions, together with desired standards of service, provide a logical and consistent basis for the planning of trunk infrastructure networks and the determination of the priority infrastructure areas to support urban development and urban growth. Specific details about the base planning assumptions for development and growth in the Livingstone Shire are contained in the document titled *Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2023*.

4.0 Planning Assumption and Projection Parameters

The following information provides a brief outline of the planning assumption and projection parameters which informed trunk infrastructure planning decisions including those about parks and land for community facilities.

- (1) The Livingstone Planning Scheme 2018 Version 3 is the local planning instrument which contains the main parameters used for making assumptions about current and future land use, current and future LGIP development types, development density, development constraints, and developable area for land parcels. The Livingstone Planning Scheme 2018 Version 3 contains an adopted Local Government Infrastructure Plan.
- (2) To align with Australian Bureau of Statistics census years and statutory requirements, a base year of 2021 and the following projection years were used for LGIP purposes:
 - (1) mid-year 2026;
 - (2) mid-year 2031; and
 - (3) mid-year 2036.
- (4) Population projections assist with planning for trunk infrastructure and the following assumptions were considered:
 - (a) Population projections were made by the Queensland Government Statisticians Office for Statistical Area Level 2 (SA2) boundaries within the Local Government Area of the Livingstone Shire.
 - (b) The assumption underpinning the Livingstone Shire Council Local Government Infrastructure Plan is that population growth over the planning horizon accords with the medium series population projections made by the Queensland Government Statisticians Office.
 - (c) The population projections by Statistical Area Level 2 (SA2) boundaries within the Local Government Area of the Livingstone Shire are stated in Table 1 - Population Projections for the Livingstone Shire SA2 Projection Areas.
 - (d) The total population projections for the Livingstone Shire Local Government Area are stated in Table 2 - Population Projections for the Livingstone Shire Local Government Area.
 - (e) The projected 5-year increment changes in population are stated in Table 3 - Population Projections for the Livingstone Shire LGA 5-Year Increment Change.

Table 1 - Population Projections for the Livingstone Shire SA2 Projection Areas

| Column 1 Description - Projection Area | Column 2 Assumptions - Population per SA2 Projection Areas | | | | | |
|---|---|--------|--------|--------|--------|--------|
| | Base date 2021 (30 June) | 2026 | 2031 | 2036 | 2041 | 2046 |
| SA2 - Emu Park | 5,837 | 6,496 | 7,306 | 8,194 | 9,118 | 10,687 |
| SA2 - Glenlee-Rockyview | 5,286 | 5,761 | 6,256 | 6,738 | 7,172 | 7,444 |
| SA2 - Rockhampton Region - East | 3,533 | 3,800 | 3,989 | 4,195 | 4,396 | 4,597 |
| SA2 - Rockhampton Region - North | 4,628 | 4,766 | 4,814 | 4,881 | 4,976 | 5,129 |
| SA2 - Shoalwater Bay | 22 | 22 | 22 | 22 | 22 | 22 |
| SA2 - Yeppoon | 20,575 | 23,297 | 27,091 | 30,667 | 33,783 | 35,111 |

Table 2 - Population Projections for the Livingstone Shire Local Government Area

| Column 1 Description - Projection Area | Column 2 Assumptions - Population Total | | | | | |
|--|--|--------|--------|--------|--------|--------|
| | Base date 2021 (30 June) | 2026 | 2031 | 2036 | 2041 | 2046 |
| LGA - Livingstone Shire | 39,881 | 44,143 | 49,479 | 54,697 | 59,467 | 62,990 |

Table 3 - Population Projections for the Livingstone Shire LGA 5-Year Increment Change

| Column 1 Description - Projection Area | Column 2 Assumptions - Population 5-Year Increment Change | | | | | |
|--|--|--------|--------|--------|--------|--------|
| | Base date 2021 (30 June) | 2026 | 2031 | 2036 | 2041 | 2046 |
| Change from previous period | - | +4,262 | +5,336 | +5,218 | +4,770 | +3,523 |

5.0 Parks and Land for Community Facilities Trunk Infrastructure Review

5.1 Methodology

Numerous planning assumptions were made as part of the review and update of the Local Government Infrastructure Plan. The broad planning assumption methodology is contained in the document titled *Livingstone Shire Council Local Government Infrastructure Plan Planning Assumptions Report 2022*.

With regard to the infrastructure review for parks and land for community facilities, the following is a broad outline of the process undertaken:

- (1) Review and confirm the service catchments.
- (2) Review and confirm the supply of parks and land for community facilities.
- (3) Review and confirm the suitability of the desired standards of service for trunk infrastructure.
- (4) Review and confirm the need for future embellishment of parks and the need for land or works for community facilities.
- (5) Estimate the timing and establishment cost of future embellishment of parks and land for community infrastructure.

5.2 Service Catchments

- (1) The park and community facilities networks in the Livingstone Shire are generally considered to be an open network in so far as the higher order park and community facilities are concerned. The higher order park and community facilities cater to the needs of the population of both urban and rural localities.
- (2) Despite higher order park and community facilities being predominantly located in proximity to the coastal urban settlements of Yeppoon and Emu Park, this is considered appropriate given that the majority of the current population of the Shire and the projected future population growth is forecast to occur at these locations.

- (3) It is not viable for each community in the Livingstone Shire to be located proximate to a wide array of parks and community facilities. The Shire currently has a population-based hierarchy of settlements with Yeppoon and then Emu Park currently containing most of the Shire's population and community facilities. It is assumed that these coastal settlements will continue to provide for most of the population growth. These settlements will host the greatest mixture and highest order park and community facilities in the foreseeable future. Consequently, the quantity and quality of community facilities will continue to develop at these locations overtime as the population increases.

5.3 Supply of parks and land for community facilities

- (1) A high-level review of the current supply of park and recreation areas, and community facilities in the Livingstone Shire was undertaken.
- (2) The review involved the use of information contained in the LSCPAM2021 in combination with aerial photography and Geographic Information System processing tools to generate estimates of park and recreation land supply and supply of land for community facilities.
- (3) For this high-level review, park and recreation areas were categorised in accordance with the descriptions contained in Attachment 1 - Park and Recreation Area Descriptions.
- (4) Park and recreation area supply estimates are contained in Table 4 – Park and Recreation Area Supply Estimates, and Table 5 – Educational Establishment Indicative Open Recreation Area or Potential Recreation Use Area.
- (5) Estimations of open space recreation areas within Educational Establishments have been provided as these areas add to the supply of recreation areas where user agreements are able to be established between the School Administration and Community Groups. This is particularly the circumstance in rural communities but also is an emerging trend in urban communities where multi-users can result in mutual benefits due to sharing of costs associated with construction and maintenance of recreation areas and facilities.

Table 4 – Park and Recreation Area Supply Estimates

| Column 1 Category | Column 2 Total Shire Wide Parcel Area | Column 3 Total Shire Wide Assumed Unconstrained Development or Use Area |
|--|---|--|
| Park Categories | | |
| Bushland Park | 116.37 Ha | 15.02 Ha |
| Open Space Recreation Park | 96.96 Ha | 65.86 Ha |
| Facilities Recreation Park | 71.66 Ha | 32.57 Ha |
| Community Garden Park | 0.11 Ha | 0.11 Ha |
| Sports Recreation Park | 282.34 Ha | 127.41 Ha |
| Environmental Management and Conservation | 33,291.17 Ha | 252.27 Ha |
| Foreshore Road Reserve Park | 9.15 Ha | 9.15 Ha |
| Other Categories | | |
| Private Outdoor Sport and Recreation Facilities | 308.84 Ha | 132.65 Ha |
| Stormwater Drainage | 12.53 Ha | 3.63 Ha |
| Educational Establishment Open Recreation Area - Government Entity | 62.31 Ha | 25.15 Ha |
| Educational Establishment Open Recreation Area - Private Entity | 62.14 Ha | 17.97 Ha |

Table 5 – Educational Establishment Indicative Open Recreation Area

| Column 1 Category | Column 2 Specific Site | Column 3 Statistical Area | Column 4 LSCPAM2021 Parcel Area | Column 5 Indicative Open Recreation Area |
|--|--|--------------------------------------|---------------------------------------|--|
| Government Entity Educational Establishment | | | | |
| Rural Areas | | | | |
| Education Facility Open Recreation Area | Marlborough Primary School | Rockhampton Region North – SA2 | 35,664 m ² (3.56 Ha) | 27,627 m ² (2.76 Ha) |
| Education Facility Open Recreation Area | Milman Primary School | Rockhampton Region North – SA2 | 24,308 m ² (2.43 Ha) | 17,439 m ² (1.74 Ha) |
| Education Facility Open Recreation Area | The Caves Primary School | Rockhampton Region North – SA2 | 32,660 m ² (3.26 Ha) | 22,988 m ² (2.29 Ha) |
| Education Facility Open Recreation Area | Byfield Primary School | Rockhampton Region North – SA2 | 20,247 m ² (2.02 Ha) | 15,952 m ² (1.59 Ha) |
| Education Facility Open Recreation Area | Farnborough Primary School | Rockhampton Region North – SA2 | 57,715 m ² (5.77 Ha) | 31,070 m ² (3.10 Ha) |
| Education Facility Open Recreation Area | Cawarral Primary School | Rockhampton Region East – SA2 | 45,252 m ² (4.52 Ha) | 17,361 m ² (1.73 Ha) |
| Education Facility Open Recreation Area | Keppel Sands Primary School | Rockhampton Region East – SA2 | 11,724 m ² (1.17 Ha) | 8,479 m ² (0.84 Ha) |
| Education Facility Open Recreation Area | Coowonga Primary School | Rockhampton Region East – SA2 | 16,197 m ² (1.61 Ha) | 12,101 m ² (1.21 Ha) |
| Urban Areas | | | | |
| Education Facility Open Recreation Area | Yeppoon Secondary School | Yeppoon SA2 | 150,589 m ² (15.05 Ha) | 19,007 m ² (1.9 Ha) |
| Education Facility Open Recreation Area | Yeppoon Primary School | Yeppoon SA2 | 108,178 m ² (10.81 Ha) | 18,644 m ² (1.86 Ha) |
| Education Facility Open Recreation Area | Taranganba Primary School | Yeppoon SA2 | 73,173 m ² (7.31 Ha) | 34,580 m ² (3.45 Ha) |
| Education Facility Open Recreation Area | Emu Park Primary School | Emu Park SA2 | 47,450 m ² (4.74 Ha) | 26,347 m ² (2.63 Ha) |
| Private Educational Establishment | | | | |
| Urban Areas | | | | |
| Education Facility Open Recreation Area | Saint Ursula's Secondary School | Yeppoon SA2 | 19,803 m ² (1.98 Ha) | 3,095 m ² (0.30 Ha) |
| Education Facility Open Recreation Area | Saint Brendan's Secondary School | Yeppoon SA2 | 362,571 m ² (36.25 Ha) | 116,288 m ² (11.62 Ha) |
| Education Facility Open Recreation Area | Sacred Heart Primary School | Yeppoon SA2 | 161,703 m ² (16.17 Ha) | 27,035 m ² (2.70 Ha) |
| Education Facility Open Recreation Area | Saint Benedict's Primary School | Yeppoon SA2 | 77,354 m ² (7.73 Ha) | 33,310 m ² (3.33 Ha) |

- (6) The following maps show the locations of the park and recreation areas in the Shire of Livingstone:
- (a) Map 1 - Park and Recreation Areas 2022 Yeppon;
 - (b) Map 2 - Park and Recreation Areas 2022 Yeppon Cadastre;
 - (c) Map 3 - Park and Recreation Areas 2022 Emu Park;
 - (d) Map 4 - Park and Recreation Areas 2022 Emu Park Cadastre;
 - (e) Map 5 - Park and Recreation Areas 2022 Glenlee-Rockyview;
 - (f) Map 6 - Park and Recreation Areas 2022 Glenlee-Rockyview Cadastre;
 - (g) Map 7 - Park and Recreation Areas 2022 Rockhampton Region North;
 - (h) Map 8 - Park and Recreation Areas 2022 Rockhampton Region North Cadastre;
 - (i) Map 9 - Park and Recreation Areas 2022 Rockhampton Region East;
 - (j) Map 10 - Park and Recreation Areas 2022 Rockhampton Region East Cadastre.
- (7) Benchmarks in the Livingstone Planning Scheme 2018 (Version 3) desired standards of service have been used to provide an indication of a hypothetical broad demand for recreation park and sports park based on the Shire's assumed population and future population growth. The assumptions provide an indication as to whether there is likely to be a sufficient broad supply of park and recreation areas in the Shire for the next ten (10) to fifteen (15) year period. The assumptions were as follows:
- (a) Indicative demand for recreation park is calculated at 0.5 Hectares (Ha) per 1,000 persons.
 - (b) Indicative demand for sport park is calculated at 2.5 Hectares (Ha) per 1,000 persons.

Table 6 – Indicative Demand for Park and Recreation Areas

| Assumptions - Population Total and Indicative Demand for Park and Recreation Areas | | | | | | | | | |
|--|--------|-------------------|-----------|--------|-------------------|-----------|--------|-------------------|-----------|
| Projection Area | 2026 | Indicative Demand | | 2031 | Indicative Demand | | 2036 | Indicative Demand | |
| LGA - Livingstone Shire | 44,143 | Rec Park | 22.07 Ha | 49,479 | Rec Park | 24.74 Ha | 54,697 | Rec Park | 27.35 Ha |
| | | Sport Park | 110.36 Ha | | Sport Park | 123.70 Ha | | Sport Park | 136.74 Ha |

- (8) Shire residents and visitors have access to numerous park types and other recreation areas. There is broadly enough and a diverse range of land to satisfy the sporting, and informal and formal recreation needs of the current population and forecast population of the Shire over the next ten (10) to fifteen (15) year period.
- (9) In addition to the park and recreation areas categorised in Table 4 – Park and Recreation Area Supply Estimates, and shown on Map 1 to Map 10, residents also have access to a very large extent of beaches, ocean, lakes, and other waterways which contribute substantially to the supply of areas available for sport and recreation purposes.
- (10) Land for community facilities and community facility estimates are contained in the following tables:
- (a) Table 7 – Community Use Supply Estimates
 - (b) Table 8 – Club Supply Estimates
 - (c) Table 9 – Cemetery Supply Estimates
 - (d) Table 10 – Detention Facility Supply Estimates
 - (e) Table 11 – Early Learning / Childcare Supply Estimates
 - (f) Table 12 – Educational Establishment (Primary and Secondary Schools) Supply Estimates
 - (g) Table 13 – Emergency Services Supply Estimates
 - (h) Table 14 – Hospital Supply Estimates

- (i) Table 15 – Place of Worship Supply Estimates.
- (11) There is broadly enough land and a suitable amount of community facilities to service the needs of the current population and forecast population of the Shire over the next ten (10) to fifteen (15) year period. The Livingstone Planning Scheme 2018 contains an array of zones which provide opportunities for the development of an array of community facilities when the need is identified. In the circumstance where further investigations determine that additional community facilities are needed, then Council will be able to consider their inclusion in its Plans for Trunk Infrastructure as part of the continual review of the Local Government Infrastructure Plan.

Table 7 – Community Use Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---|------------------------------|---|---|
| Community Use | | | |
| Rural Areas | | | |
| Community Use – The Caves Community Hall | Rockhampton Region North | 1,860 m ² | 390 m ² |
| Community Use – Girl Guides Sandringham | Rockhampton Region North | 42,167 m ² | 151 m ² |
| Community Use – Marlborough Community Hall | Rockhampton Region North | 1,013 m ² | 315 m ² |
| Community Use – Byfield Community Hall | Rockhampton Region North | 3,040 m ² | 137 m ² |
| Community Use – Byfield Raspberry Creek Homestead Library & Community Building | Rockhampton Region North | 9,894 m ² | 380 m ² |
| Community Use – Cawarral Community Hall | Rockhampton Region East | 2,027 m ² | 360 m ² |
| Community Use – Keppel Sands Community Advancement Inc. | Rockhampton Region East | 404 m ² | 181 m ² |
| Community Use – Joskeleigh Community Association Inc. | Rockhampton Region East | 8,097 m ² | 342 m ² |
| Community Use – Community Hall | Rockhampton Region East | 4,049 m ² | 120 m ² |
| Community Use – Mount Chalmers Community History Centre | Rockhampton Region East | 17,788 m ² | 130 m ² |
| Urban Areas | | | |
| Community Use – Yeppoon Court House and Government Agent Office | Yeppoon | 5,999 m ² Note: parcel also contains Yeppoon Police Station | 673 m ² |
| Community Use – Yeppoon Information Centre | Yeppoon | 69,255 m ² | 457 m ² |
| Community Use – Yeppoon Community Hall | Yeppoon | 1,343 m ² | 232 m ² |
| Community Use – Meals on Wheels | Yeppoon | 1,010 m ² | 181 m ² |
| Community Use – Yeppoon Town Hall & Yeppoon Historical Society | Yeppoon | 2,758 m ² | 1,350 m ² & 112 m ² |
| Community Use – Yeppoon Art Gallery | Yeppoon | 1,565 m ² | 440 m ² |
| Community Use – Yeppoon Library, Community Buildings | Yeppoon | 3,977 m ² | 1,432 m ² |
| Community Use - Carinity Youth Residential Care and Counselling Centre - Lammermoor | Yeppoon | 35,717 m ² | 668 m ² |

| | | | |
|--|----------|--|---|
| Community Use – Emu Park Library and Community Hall | Emu Park | 1,701 m ² | Library: 207 m ² Community and Hall: 429 m ² |
| Community Use – Emu Park Men's Shed | Emu Park | 780,662 m ² | 470 m ² |
| Community Use – Religious Facility | Emu Park | 3,796 m ² (over two parcels) | 769 m ² (over two parcels) |
| Community Use – QLD Country Women's Association | Emu Park | 883 m ² | 178 m ² |
| Community Use – Emu Park Art Gallery | Emu Park | 640 m ² | 400 m ² |
| Community Use – Emu Park Historical Society & Museum | Emu Park | 1,919 m ² | 344 m ² |

Table 8 – Club Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---|------------------------------|---------------------------------------|--|
| Club | | | |
| Urban Areas | | | |
| Keppel Bay Sailing Club - Yeppoon | Yeppoon | - | 1,304 m ² |
| Keppel Bay Sailing Club #2 - Yeppoon | Yeppoon | - | 1,115 m ² |
| Yeppoon R.S.L - Yeppoon | Yeppoon | - | 508 m ² |
| Yeppoon Golf Club - Yeppoon | Yeppoon | - | 1,459 m ² |
| Capricorn Cruising Yacht Club - Rosslyn | Yeppoon | - | 305 m ² |
| Yeppoon Surf Club - Yeppoon | Yeppoon | - | 1,078 m ² |
| Scouts - Yeppoon | Yeppoon | - | 301 m ² |
| Masonic Lodge - Yeppoon | Yeppoon | - | 504 m ² |
| Girl Guides - Yeppoon | Yeppoon | - | 94 m ² |
| Cracker's Bowls Club - Yeppoon | Yeppoon | - | 842 m ² |
| Emu Park Surf Club – Emu Park | Emu Park | - | 1,132 m ² |
| Emu Park R.S.L – Emu Park | Emu Park | - | 351 m ² |
| Emu Park Golf Club – Emu Park | Emu Park | - | 399 m ² |
| Emu Park Bowls Club – Emu Park | Emu Park | - | 640 m ² |
| GBRIR Golf Club - Zilzie | Emu Park | - | 3,456 m ² |

Table 9 – Cemetery Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---------------------------------------|------------------------------|---------------------------------------|--|
| Cemetery | | | |
| Rural Areas | | | |
| Cemetery - Yaamba | Rockhampton Region North | 8,392 m ² | 0 m ² |
| Cemetery - Milman | Rockhampton Region North | 16,628 m ² | 0 m ² |
| Cemetery – Cawarral | Rockhampton Region East | 20,107 m ² | 0 m ² |
| Cemetery – Joskeleigh | Rockhampton Region East | 1,200 m ² | 0 m ² |
| Cemetery – Capricorn Memorial Gardens | Rockhampton Region North & | 844,451 m ² | 0 m ² |

| | | | |
|---------------------|-------------------------|---|------------------|
| | Rockhampton Region East | | |
| Urban Areas | | | |
| Cemetery – Yeppoon | Yeppoon | 35,408 m ² (over two parcels) | 0 m ² |
| Cemetery – Emu Park | Yeppoon | 45,602 m ² | 0 m ² |

Table 10 – Detention Facility Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---------------------------|------------------------------|---------------------------------------|--|
| Detention Facility | | | |
| Urban Areas | | | |
| Detention Facility | Yeppoon | 4,511,522 m ² | 44,293 m ² |

Table 11 – Early Learning / Childcare Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|--|------------------------------|--|--|
| Early Learning / Childcare | | | |
| Urban Areas | | | |
| The Creche and Kindergarten - Taranganba | Yeppoon | Note: Located within Taranganba Primary School Grounds Parcel. | 320 m ² |
| Yeppoon & District Kindergarten | Yeppoon | 1,908 m ² | 465 m ² |
| Cedar Avenue Early Learning - Taranganba | Yeppoon | 3,303 m ² | 977 m ² |
| J.A.C.s Early Learning Centre | Yeppoon | 1,493 m ² | 418 m ² |
| Taranganba Early Learning | Yeppoon | 4,109 m ² | 1,783 m ² |
| The Creche and Kindergarten | Emu Park | 3,037 m ² (over two parcels) | 844 m ² |
| Coastal Kids Kindergarten Emu Park | Emu Park | 2,860 m ² | 838 m ² |

Table 12 – Educational Establishment (Primary and Secondary Schools) Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---|--------------------------------|---------------------------------------|--|
| Educational Establishment – Primary and Secondary Schools | | | |
| Rural Areas | | | |
| Marlborough Primary School | Rockhampton Region North – SA2 | 35,664 m ² (3.56 Ha) | 789 m ² |
| Milman Primary School | Rockhampton Region North – SA2 | 24,308 m ² (2.43 Ha) | 406 m ² |
| The Caves Primary School | Rockhampton Region North – SA2 | 32,660 m ² (3.26 Ha) | 1,792 m ² |
| Byfield Primary School | Rockhampton Region North – SA2 | 20,247 m ² (2.02 Ha) | 891 m ² |
| Farnborough Primary School | Rockhampton Region North – SA2 | 57,715 m ² (5.77 Ha) | 3,755 m ² |

| | | | |
|----------------------------------|-------------------------------|--------------------------------------|-----------------------|
| Cawarral Primary School | Rockhampton Region East – SA2 | 45,252 m ² (4.52 Ha) | 2,486 m ² |
| Keppel Sands Primary School | Rockhampton Region East – SA2 | 11,724 m ² (1.17 Ha) | 942 m ² |
| Coowonga Primary School | Rockhampton Region East – SA2 | 16,197 m ² (1.61 Ha) | 1,057 m ² |
| Urban Areas | | | |
| Yeppoon Secondary School | Yeppoon SA2 | 150,589 m ² (15.05 Ha) | 13,595 m ² |
| Yeppoon Primary School | Yeppoon SA2 | 108,178 m ² (10.81 Ha) | 4,906 m ² |
| Taranganba Primary School | Yeppoon SA2 | 73,173 m ² (7.31 Ha) | 6,263 m ² |
| Emu Park Primary School | Emu Park SA2 | 47,450 m ² (4.74 Ha) | 4,747 m ² |
| Saint Ursula's Secondary School | Yeppoon SA2 | 19,803 m ² (1.98 Ha) | 8,930 m ² |
| Saint Brendan's Secondary School | Yeppoon SA2 | 362,571 m ² (36.25 Ha) | 15,932 m ² |
| Sacred Heart Primary School | Yeppoon SA2 | 161,703 m ² (16.17 Ha) | 5,178 m ² |
| Saint Benedict's Primary School | Yeppoon SA2 | 77,354 m ² (7.73 Ha) | 4,257 m ² |

Table 13 – Emergency Services Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPA2021 Parcel Area | Column 4 Estimated Building GFA |
|---|------------------------------|--------------------------------------|--|
| Emergency Services | | | |
| Rural Areas | | | |
| Emergency Services – Stanage Volunteer Coast Guard | Rockhampton Region North | 1,402 m ² | 433 m ² |
| Emergency Services - Marlborough Police Station | Rockhampton Region North | 3,804 m ² | 212 m ² |
| Emergency Services - Marlborough Fire & Ambulance | Rockhampton Region North | 1,478 m ² | 299 m ² |
| Emergency Services - Marlborough | Rockhampton Region North | 2,024 m ² | 159 m ² |
| Emergency Services – Yaamba SES | Rockhampton Region North | 1,012 m ² | 144 m ² |
| Emergency Services – The Caves Rural Fire Brigade | Rockhampton Region North | 810 m ² | 292 m ² |
| Emergency Services – Adelaide Park Rural Fire Brigade | Rockhampton Region North | 6,891 m ² | 126 m ² |
| Emergency Services – Adelaide Park Rural Fire Brigade | Rockhampton Region North | Road Reserve | 144 m ² |
| Emergency Services – Cawarral Rural Fire Brigade | Rockhampton Region East | 14,641 m ² | 300 m ² |
| Emergency Services – Coowonga Rural Fire Brigade | Rockhampton Region East | 1,847 m ² | 126 m ² |
| Emergency Services – Keppel Sands Rural Fire Brigade | Rockhampton Region East | 1,074 m ² | 213 m ² |
| Emergency Services – Keppel Sands SES | Rockhampton Region East | 625 m ² | 73 m ² |
| Emergency Services – Tanby Rural Fire Brigade | Rockhampton Region East | 1,190 m ² | 200 m ² |
| Urban Areas | | | |

| | | | |
|---|----------|--|----------------------|
| Emergency Services – Emu Park Ambulance Service | Emu Park | 2,674 m ² | 313 m ² |
| Emergency Services – Emu Park Fire Brigade | Emu Park | 2,215 m ² | 467 m ² |
| Emergency Services – Emu Park SES | Emu Park | 749 m ² | 154 m ² |
| Emergency Services – Emu Park Police Station | Emu Park | 5,325 m ² | 113 m ² |
| Emergency Services – Yeppoon SES | Yeppoon | 2,641 m ² | 381 m ² |
| Emergency Services – Yeppoon Police | Yeppoon | 5,999 m ² Note: parcel also contains Yeppoon Court House and Government Agent Office | 1,304 m ² |
| Emergency Services – Yeppoon Coast Guard | Yeppoon | Note: Numerous other land use over the parcel at the harbour. | 391 m ² |
| Emergency Services – Fire Brigade | Yeppoon | 9,304 m ² | 1,148 m ² |

Table 14 – Hospital Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---------------------------|------------------------------|---------------------------------------|--|
| Hospital | | | |
| Urban Areas | | | |
| Yeppoon Hospital | Yeppoon | 31,088 m ² | 4,095 m ² |

Table 15 – Place of Worship Supply Estimates

| Column 1 Specific Site | Column 2 Statistical Area | Column 3 LSCPAM2021 Parcel Area | Column 4 Estimated Building GFA |
|---|------------------------------|---------------------------------------|--|
| Place of Worship | | | |
| Urban Areas | | | |
| The Salvation Army Mission Centre | Yeppoon | 1,301 m ² | 316 m ² |
| Sea Life Baptist Church | Yeppoon | 2,174 m ² | 272 m ² |
| Yeppoon Wesleyan Methodist Church | Yeppoon | 8,140 m ² | 891 m ² |
| Saint James Anglican Church - Lammermoor | Yeppoon | 5,885 m ² | 996 m ² |
| Sacred Heart Church - Lammermoor | Yeppoon | 18,568 m ² | 1,107 m ² |
| Kingdom Hall of Jehovah's Witnesses - Inverness | Yeppoon | 9,514 m ² | 669 m ² |
| Mary Immaculate Catholic Church – Emu Park | Emu Park | 2,834 m ² | 382 m ² |
| Keppel Anglican Church – Emu Park | Emu Park | 2,022 m ² | 152 m ² |

5.4 Desired standards of service

- (1) A review of a selection of parks and community facility planning guidelines (refer Attachment 2 - Supporting Material) highlights that there is not a one size fits all approach when it comes to planning for parks, sport, recreation, and other community facilities.
- (2) The current planning scheme desired standards of service are not inconsistent with some of the generic guiding principles, objectives and benchmarks for good practice as identified in the different information sources available during review.
- (3) The current planning scheme desired standards of services are generally suitable for retention in Part 4 of the planning scheme.
- (4) There is not considered to be a significant need to depart from these desired standards in any major way.
- (5) There is value in adding some extra details regarding the preferred location of higher order parks and land for community facilities (refer Attachment 3 - Pt 4 Desired Standard of Service – Amended).

5.5 Future embellishment of parks and land for community facilities

- (1) Opportunities for additional or new embellishment of existing parks and land for community facilities have been identified.
- (2) When determining the trunk infrastructure items and embellishments, consideration was given to matters such as the following:
 - (a) Existing supply of land and facilities.
 - (b) Current development and usage of facilities.
 - (c) Historic and current community expectations and perceptions of need.
 - (d) Development approvals.
 - (e) Infrastructure designations.
 - (f) Livingstone Shire Council forward works programs.
 - (g) Livingstone Shire Council major project concept plans and funding submissions.
 - (h) Current population estimates and future population growth forecasts.
 - (i) Current planning scheme desired standards of service, benchmarks of good practice, and other supporting material (refer Attachment 2 - Supporting Material).
- (3) It is considered that these projects have a high priority, and they will broadly satisfy community need over the next ten (10) to fifteen (15) years.
- (4) The identified trunk infrastructure items and embellishments are identified in Attachment 4 - Future Plans for Trunk Infrastructure - Parks and Land for Community Facilities.

5.6 Estimate of timing and establishment cost of future embellishments

- (1) Estimations of timing and the establishment cost of the trunk infrastructure and their embellishments are identified in Attachment 4 - Future Plans for Trunk Infrastructure - Parks and Land for Community Facilities.
- (2) When estimating the timing and establishment cost for these trunk infrastructure items and embellishments, consideration was given to matters such as the following:
 - (a) Existing and recently completed trunk infrastructure projects (timing and costs).
 - (b) Livingstone Shire Council Centralised Corporate Records Database (Building Approval, Form 2 - Estimated Value of Work).
 - (c) Livingstone Shire Council Site Improvements Revaluation 2022.
 - (d) Rawlinson's Australian Construction Handbook.
 - (e) Development approvals and concept plans with preliminary cost estimates.
 - (f) Development approvals with staging plans.
 - (g) Current population estimates and future population growth forecasts.
 - (h) Current planning scheme desired standards of service (refer Attachment 3 - Livingstone Planning Scheme 2018 Version 3, Pt 4 Desired Standard of Service), benchmarks of good practice, and other supporting material (refer Attachment 2 - Supporting Material).

6.0 Conclusion

There is broadly enough and a diverse range of land to satisfy the sporting, and informal and formal recreation needs of the current population and forecast population of the Shire over the next ten (10) to fifteen (15) year period. It is possible that changes to the future demographic profile of the Shire along with potential changing community preferences and demand may mean that land for some specific sports and recreation and community uses may be required in addition to the current supply however at the time of this review it is not known if this will eventuate. Should new demand and needs be identified during the ongoing process of review of the Local Government Infrastructure Plan, then Council will have an opportunity to update its plans for trunk infrastructure at a necessary time via future amendment processes.

Despite there being a sufficient supply of land available to satisfy broad community needs over the next ten to fifteen years, there are opportunities to enhance these areas with new embellishments. Focusing on the development of existing land parcels in the immediate future will ensure that Council can better utilise its currently and forecast resources, while maintaining and contributing to the development of parks and community facilities in a balanced manner after considering community needs and expectations.

There is value in adding some extra details to the existing Desired Standards of Service regarding the preferred location of higher order parks and land for community facilities. This will enhance alignment with performance outcomes in the Livingstone Planning Scheme 2018.

Future Plans for Trunk Infrastructure - Parks and Land for Community Facilities have been identified. Assumptions regarding the potential timing and the establishment cost of the embellishment of the identified plans for trunk infrastructure have also been made. There is a level of uncertainty about these estimates of timing and cost. It is likely that infrastructure charges for development will be a necessary contribution to the partial funding of the identified plans for trunk infrastructure for park and land for community facilities.

Attachment 1 - Park and Recreation Area Descriptions

| Name | Function | Characteristics |
|--|--|---|
| Environmental Management and Conservation Park | <ul style="list-style-type: none"> • Environmental Management and Conservation Purposes. • Informal Recreation Purposes. • Education, cultural, scientific, or other compatible purposes. | Park land under jurisdiction of a government entity. The park land is predominantly undeveloped. The land has high remnant vegetation cover, and the remnant vegetation predominantly is considered to comprise one or more matters of state environmental significance or matters of local environmental significance. Some land parcels are categorised as National Park. |
| Bushland Park | <ul style="list-style-type: none"> • Environmental Management. • Informal Recreation Purposes. • Education, cultural, scientific, or other compatible purposes. • Natural drainage purposes. | Park land under jurisdiction of a government entity. The park land is predominantly undeveloped and it is retained in its natural bushland state. The land has high to moderate remnant vegetation cover. The land may have different functions including stormwater drainage. The land may have some open or walking areas capable of use for recreation activities. |
| Open Space Recreation Park | <ul style="list-style-type: none"> • Informal Recreation Purposes. • Formal Recreation Purposes. • Public Events. | Park land under jurisdiction of a government entity. The park land is predominantly undeveloped however in some instances there may be very minimal provision of infrastructure, buildings or structures. The land may have nil to moderate vegetation cover. The land has open areas capable of use for recreation activities. |
| Facilities Recreation Park | <ul style="list-style-type: none"> • Informal Recreation Purposes. • Formal Recreation Purposes. • Public Events. | Park land under jurisdiction of a government entity. The park land is developed or is intended to be developed predominantly for recreation with a range of recreation facilities available for users. The range of facilities include buildings and structures such as toilet buildings, shade structures, fixed tables and fixed chairs, lighting, drinking water, carparking spaces, fixed barbecues, children play equipment, and small-scale sports structures. The quantity of facilities in each park varies depending on location and the parks status in the hierarchy of parks. |

| | | |
|-----------------------------|--|---|
| | | Larger destination parks generally have a high quantity and quality of facilities and they service large catchment areas. |
| Community Garden Park | <ul style="list-style-type: none"> • Informal Recreation Purposes. • Formal Recreation Purposes. | Park land under jurisdiction of a government entity. The park land is developed or is intended to be developed predominantly for recreation with a range of recreation facilities available for users. The range of facilities include buildings and structures such as toilet buildings, shade structures, fixed tables and fixed chairs, lighting, drinking water, carparking spaces, fixed barbecues, children play equipment, and small scale sports structures. The quantity of facilities in each park varies depending on location and the parks status in the hierarchy of parks. Larger destination parks generally have a high quantity and quality of facilities and they service large catchment areas. |
| Foreshore Road Reserve Park | <ul style="list-style-type: none"> • Informal Recreation Purposes. • Formal Recreation Purposes. • Public Events. | Park land under jurisdiction of a government entity. The park land is predominantly undeveloped however in some instances there may be parts of the foreshore road reserve having the same characteristics of a 'Facilities Recreation Park' or an 'Open Space Recreation Park'. Foreshore road reserve areas enable minor local government development of facilities for public purposes. |
| Sports Recreation Park | <ul style="list-style-type: none"> • Formal Recreation Purposes. • Informal Recreation Purposes. • Public Events. | Park land under jurisdiction of a government entity. The land may be managed on behalf of the public by government or by community groups. The park land is developed or is intended to be developed predominantly for formal sporting purposes. The park land is developed or is intended to be developed for individual or multiple playing surfaces such as fields, ovals, courts, rinks, tracks, and the like (depending on the nature of the sport). Infrastructure, buildings and structures develop on this land. |

Attachment 2 - Supporting Material

Various information sources assisted with the review of the Parks and Land for Community Facilities Trunk Infrastructure Review. The key information sources are identified in Table 1 - Park and Land for Community Facility Standards Information Sources and Table 2 - Site Specific Information Sources.

Table 1 - Park and Land for Community Facility Standards Information Sources

| Location | Background/Review Information Sources |
|-------------------|---|
| Livingstone Shire | Livingstone Shire Open Space and Recreation Plan 2002 |
| | State of Queensland, Economic Development Queensland, PDA Guideline No. 11: Community Facilities, May 2015 |
| | State of Queensland, Economic Development Queensland, PDA Guideline No 12: Park Planning and Design, May 2015 |
| | State of Queensland, DILGP, Multiple Use Public Open Space Consultation Report September 2015 |
| | Institute of Public Works Engineering Australasia, Parks Management Suite of Practice Notes |
| | Livingstone Shire Sporting Needs Analysis 2022 - Draft |

Table 2 - Site Specific Information Sources

| Park or Land for Community Infrastructure | Background/Review Information Sources |
|---|---|
| Barmaryee Multi Sports Park | Barmaryee Multi Sports Precinct Master Plan 2010 |
| | Barmaryee Multi Sports Precinct Concept Master Plan 2019 |
| | D293-2010 – Development Permit for Material Change of Use for Outdoor Recreation (Multi Purpose Sports Fields) |
| Cooee Bay Multi Sports Park | Cooee Bay Sports Complex Concept Plan Report 2017 |
| Hartley Street Multi Sports Park | Hartley Street Recreation Reserve Concept Plan Report 2014 |
| | Hartley Street Sport and Recreation Reserve Development Report 2016 |
| | D70-2016 – Development Permit for Material Change of Use for Outdoor Recreation (Hartley Street Recreation Reserve – Stages 2 to 7) |
| Capricorn Coast Memorial Parklands | QLD Government Gazette Vol. 379, Friday 21 December 2018 – Notice under section 37 and 38 of the <i>Planning Act 2016</i> that on 18 December 2018, Livingstone Shire Council as designator had made a designation for Community Infrastructure being for the Capricorn Coast Memorial Gardens (Cemetery, Crematorium and Parklands). |
| | The designation applies to premises located at Lot 1 Mulambin Road and Lot 362 Mulambin Road, Taroomball Queensland 4703. |
| | Livingstone Shire Council, Capricorn Coast Memorial Parklands, Landscape Concept Plans 2018. |

Attachment 3 – Livingstone Planning Scheme 2018 Version 3, Part 4 Local Government Infrastructure Plan, Desired Standards of Service, Public Parks and Land for Community Facilities

4.4.5 Public Parks and Land for Community Facilities Network

- (1) The desired standards of service for the public parks and land for community facilities trunk infrastructure are shown in Tables 4.4.5.1 to 4.4.5.6 – desired standards of service – public parks and land for community facilities, and they should be read in conjunction with Livingstone Shire Council's adopted technical standards – Capricorn Municipal Development Guidelines.
- (2) It is acknowledged that in some cases, due to local circumstances, the desired standards of service may not be met. In these situations, public parks and land for community facilities trunk infrastructure aims to meet the standards to the greatest degree practicable.

Table 4.4.5.1 – Public Parks and Land for Community Facilities Network Desired Standards of Service

| Measure | Planning criteria (qualitative standards) | Design criteria (quantitative standards) |
|---|--|--|
| Functional network | A network of parks and community land is established to provide for the full range of recreational and sporting activities and pursuits. | Parks and community land are provided at a local, district and local government area wide level Parks and community land address the needs of both recreation and sport |
| Accessibility | Public parks and land for community facilities will be located to ensure adequate pedestrian, cycle and vehicle access. Co-locate land for multi-purpose community facilities with parks and recreation land and commercial/retail centres. Higher order parks and community facilities which are likely to generate a high amount of use are located in proximity to current or future high order transport routes. | <ul style="list-style-type: none"> 2,000 square metres of land for community facilities is to be provided when such land is co-located with a district and regional park Accessibility standards are identified in Table 4.4.5.3 |
| <ul style="list-style-type: none"> Land quality/suitability Area/ 1,000 persons Minimum size Shape of land Minimum desired flood immunity Maximum desired grade Road frontage and visibility | Public parks and land for community facilities will be provided to a standard that supports a diverse range of recreational, sporting, community and health–promoting activities to meet community expectations. This includes ensuring land is of an appropriate size, configuration and slope, and has an acceptable level of flood immunity. | The rate of land provision is identified in Table 4.4.5.2. The minimum size, shape of land, minimum desired flood immunity, maximum desired grade and road frontage and visibility for land is identified in Table 4.4.5.4. |

| Measure | Planning criteria (qualitative standards) | Design criteria (quantitative standards) |
|--|---|--|
| Facilities/ embellishments | Public parks and land for community facilities contain a range of embellishments to complement the type and purpose of the park. | Indicative embellishments for each type of park, land for community facilities and sports grounds are identified in Table 4.4.5.5 and Table 4.4.5.6. |
| Infrastructure design/ performance standards | Maximise opportunities to collocate recreational parks and land for community facilities in proximity to other community infrastructure, transport hubs and valued environmental and cultural assets. | <ul style="list-style-type: none"> Local government standards in the planning scheme and planning scheme policies Australian Standards |

Table 4.4.5.2 – Rate of Land Provision

| Infrastructure type | Rate of provision (Hectare per 1000 people) | |
|-------------------------------------|---|---|
| | District | Local Government-Wide |
| Recreation park | 0.8 | 0.5 |
| Sports Ground | 2.5 | 2.5 |
| Land for Community Facilities | Rate of provision to be determined by minimum land sizes and at least one (1) district facility per the following planning sectors: <ul style="list-style-type: none"> Yeppoon Emu Park | Rate of provision to be determined by minimum land sizes and at least one (1) regional facility per the following planning sectors: <ul style="list-style-type: none"> Yeppoon |

Table 4.4.5.3 – Accessibility Standard

| Infrastructure type | Accessibility standard (km) | |
|-------------------------------------|---|---|
| | District | Local Government-Wide |
| Recreation park | 2.5 kilometres in urban areas and within 500 metres of a public transport pick up/drop off point. | Local government area and within 500 metres of a public transport pick up/drop off point. |
| Sports ground | 2.5 kilometres in urban areas and within 500 metres of a public transport pick up/drop off point. | Local government area and within 500 metres of a public transport pick up/drop off point. |
| Land for community facilities | Within 800 metres of a public transport pick up/drop off point. | Within 500 metres of a public transport pick up/drop off point. |

Table 4.4.5.4 – Public Parks and Land for Community Facilities Characteristics

| Characteristic | Recreation Parks and Land for Community Facilities | | Sports Grounds | |
|--|--|--|--|--|
| | District | Regional | District | Regional |
| Minimum size of open space (hectares) | Two (2) hectares of usable space for parkland. | Six (6) hectares of usable space for parkland. | A minimum of three (3) hectares, sufficient to boast two (2) fields per one (1) oval collocating and room for ancillary facilities (club house, toilets, car parking). | A minimum of four (4) hectares, sufficient to boast three (3) fields per two (2) ovals collocating and room for ancillary facilities (club house, toilets, car parking). |
| | One (1) hectare of usable space for land for community facilities. | 1.5 hectares of usable space for land for community facilities. | | |
| Shape of land | The preferred shape for a park/land for community facilities is square to rectangular with the sides no greater than 2:1. | | To maximise the area available for playing fields, a square or rectangular shape is considered most efficient. | |
| Minimum desired flood immunity for parks | At least twenty-five (25) per cent of total area above Q50 with main activity area/s above Q100. | At least fifty (50) per cent of total area above Q50 with main activity area/s above Q100 and free of hazards. | Free of hazards. Ninety per cent of land above Q20. Fields/courts above Q50. Built facilities above Q100. | |
| Maximum desired grade | Recreation parks — average grade of 1:14 for eighty (80) per cent of the area of the park to facilitate wheelchair access to parks. Variable topography is satisfactory for the remaining area No area of the park will have a grade greater than 1:6 Community facilities — a maximum grade of no more than six (6) per cent for the entirety of the site or ten (10) per cent for the footprint of the community facility. | Recreation parks — average grade of 1:20 for main use areas, 1:50 for kick about area, and variable topography for remainder No area of the park will have a grade greater than 1:6 Community facilities — a maximum grade of no more than six (6) per cent for the entirety of the site or ten (10) per cent for the footprint of the community facility. | Laser levelling to a maximum gradient of playing surface 1:100. | |
| Road frontage and visibility | Twenty-five (25) per cent of park perimeter to have | Fifty (50) per cent of park perimeter to have direct | Twenty-five (25) per cent of the ground perimeter to have direct road frontage. | |

| Characteristic | Recreation Parks and Land for Community Facilities | | Sports Grounds | |
|----------------|---|--|----------------|----------|
| | District | Regional | District | Regional |
| | direct road frontage, preferably on a collector road. | road frontage, preferably on a collector road. | | |

Table 4.4.5.5 – Indicative Embellishments for the Hierarchy of Recreation Parks and Land for Community Facilities

| Embellishment | Recreation parks | |
|--|---|---|
| | District | Local Government-Wide |
| Internal roads | None. | As required to service car parking and access requirements. |
| Car parking | Forty (40) sealed car parks. | Minimum of 120 sealed car parks. |
| Fencing/bollards, lock rail | Fencing/bollards along road frontages and including a lock rail. | Fencing/bollards along road frontages and including a lock rail. |
| Lighting | Lighting to all roadways, parking, picnic nodes and primary pedestrian paths. | Lighting to all roadways, parking, picnic nodes and primary pedestrian paths. |
| Toilets/public amenities | One (1) toilet (location to be determined in consultation with Council). | Two (2) toilets (location to be determined in consultation with Council). |
| Pedestrian pathway access network | 2.2 metre wide concrete shared pedestrian and cycle path through and around park connecting to adjacent pathways. | Entrance and access paths. Concrete shared pedestrian and cycle path (minimum 2.2 metre wide generally and minimum 3.5 metre wide in key, high use areas) connecting to adjacent pathways. |
| Bench seating | Minimum of four (4), located for supervision of any play area (if not otherwise serviced by sheltered tables), and/or along recreation corridors/pedestrian pathways to provide rest stops. | As determined in consultation with Council. Located for: <ul style="list-style-type: none"> • supervision of any play area (if not otherwise serviced by sheltered tables); and • along recreation corridors/pedestrian pathways to provide rest stops; and/or • enjoyment of views/amenity. |
| Shade structures or trees (over playgrounds) | Yes. | Yes. |
| Shelters/gazebo with tables and seating and bins | Minimum of six (6) shaded tables, seating and bins. | Minimum of fifteen (15) shaded tables, seating and bins (further provision to be determined in consultation with Council). |
| Tap/bubbler | Three (3) drinking fountain/bubbler and taps. | Ten (10) drinking fountain/bubbler and taps. |
| Barbeques | Three (3) barbeques. | Ten (10) barbeques (to be determined in consultation with Council – provision may consist of multiple double |

| Embellishment | Recreation parks | |
|---------------------------|---|--|
| | District | Local Government-Wide |
| | | barbecues located to service picnic nodes for individuals, families and large groups). |
| Rubbish bins | As required to service activity areas, picnic nodes, key access/egress areas and pathway systems. | As required to service activity areas, picnic nodes, key access/egress areas and pathway systems. |
| Landscaping and turfing | Shade trees, landscaping and turfing to enhance amenity (determined in consultation with Council). | Shade trees, landscaping and turfing to enhance amenity (determined in consultation with Council). |
| Signage | Park identification and way finding signage, located at key entrances. Optional — interpretive signage (for nature appreciation areas) or trail signage (for example distance markers on recreation corridors). | Park identification and way finding signage, located at key entrances. Optional — interpretive signage and/or trail signage (for example distance markers on recreation corridors). Signage theme reflecting key features of the park. |
| Recreation activity areas | Mix of ten (10) recreation activity areas, clustered in two or more nodes (for example mix of toddlers, children, youth, picnic and barbecue area, dog off-leash, skate park, meeting area, older adults, pathway systems). | Mix of fifteen (15) recreation activity areas dispersed across well-defined nodes of activity focus (for example a mix of toddlers, children, youth, older adults, major picnic and barbecue area, dog off-leash, skate park, meeting areas, trail network, event area, nature appreciation area). |
| Irrigation | In identified high use areas. | In identified high use areas. |
| Bike racks | Three (3) bike racks for a minimum of fifteen (15) bikes. | Bike racks for a minimum of thirty (30) bikes. |
| Bus pull-through | No. | Yes (location to be determined in consultation with Council). |
| Bus parking | No. | Yes (location to be determined in consultation with Council). |

Table 4.4.5.6 – Indicative Embellishments for the Hierarchy of Sport Parks

| Park element | Embellishment details | |
|-------------------------|--|--|
| | District | Local government-wide |
| Courts/fields | As a minimum, two (2) rectangular fields and capacity for additional facilities/courts (as determined in consultation with Council). Sports grounds and facilities meet accepted standards including dimensions, playing surface and subsurface drainage. | As a minimum, three (3) rectangular fields and capacity for additional facilities/courts (as determined in consultation with Council). Sports grounds and facilities meet accepted standards including dimensions, playing surface and subsurface drainage. |
| Goal posts/line marking | According to accepted standards. | According to accepted standards. |

| Park element | Embellishment details | |
|---|--|--|
| | District | Local government-wide |
| Irrigation | Main field as a minimum (to be determined in consultation with Council). | Two (2) main fields as a minimum (to be determined in consultation with Council). |
| Field/court lighting | Lighting for night sports. | Lighting for night sports. |
| Spectator seating | 100 seats and earth mounds (determined in consultation with Council). | 150 seats and earth mounds (determined in consultation with Council). |
| Tap/bubbler | Four (4) drink bubblers and taps located near activity areas and canteen/clubhouse area. | Eight (8) drink bubblers and taps located near activity areas and canteen/clubhouse area. |
| Sports clubhouse | Minimum of one (1) (exact provision to be determined in consultation with Council) including a toilet/change room, canteen, storage and administrative/office space. | Minimum of two (2) (exact provision to be determined in consultation with Council) including a toilet/change room, canteen, storage and administrative/office space. |
| Landscaping and turfing | Trees/shade provision for spectators, landscaping of boundaries to buffer noise/light spill to any surrounding properties. | Trees/shade provision for spectators, landscaping of boundaries to buffer noise/light spill to any surrounding properties. |
| Feature paving/concrete stencilling | Located at key entry areas or high use zones (to be determined in consultation with Council). | Located at key entry areas or high use zones (to be determined in consultation with Council). |
| Internal roads | Yes. | Yes. |
| Bus pull-through | Yes. | Yes. |
| Bus parking | Yes. | Yes. |
| Car parking | Minimum of sixty (60) sealed spaces for a two (2) field complex or twelve (12) per court. | Minimum of 100 sealed spaces for a three (3) field complex or twelve (12) per court. |
| Bike racks | Bike racks for a minimum of thirty (30) bikes. | Bike racks for a minimum of fifty (50) bikes. |
| Fencing/ bollards, lock rail | Fencing/bollards along road frontages and including a lock rail. | Fencing/bollards along road frontages and including a lock rail. |
| Security Lighting | Security lighting to all roadways, parking, picnic nodes and primary pedestrian paths. | Security lighting to all roadways, parking, picnic nodes and primary pedestrian paths. |
| Pedestrian pathway access network | Entrance and access paths, walking/cycling network. Minimum 2.2 metre wide concrete shared pedestrian and cycle path. | Entrance and access paths, walking/cycling network. Minimum 2.2 metre wide concrete shared pedestrian and cycle path. |
| Public artwork | To be determined in consultation with Council. | To be determined in consultation with Council. |
| Signage | Park identification and way finding signage, located at key entrances. | Park identification and way finding signage, located at key entrances. |
| Recreation activity areas (for example play | Mix of three (3) recreation activity areas (for example play spaces, | Mix of five (5) recreation activity areas (for example play spaces, |

| Park element | Embellishment details | |
|---|---|---|
| | District | Local government-wide |
| spaces, fitness circuits, hit up walls) | fitness circuits, half courts, free to use courts). | fitness circuits, half courts, free to use courts). |

Attachment 4 - Future Plans for Trunk Infrastructure – Parks and Land for Community Facilities

| Column 1 Map Reference | Column 2 Trunk Infrastructure | Column 3 Estimated Timing | Column 4 Establishment cost ¹ |
|------------------------------|--|---------------------------------|--|
| PCL-01 | Local Recreation Park - Daniel Park (Cooee Bay) - Embellishment | 2023 | \$145,383 |
| PCL-02 | District Sports Park - Cooee Bay Multi Sports Park (Cooee Bay) - Embellishment | 2023 - 2025 | \$15,669,535 ² |
| PCL-03 | District Sports Park - Barmaryee Multi Sports Park (Barmaryee) - Embellishment | 2026 | \$3,433,092 |
| PCL-04 | District Sports Park - Barmaryee Multi Sports Park (Barmaryee) - Embellishment | 2026 | \$1,168,101 |
| PCL-05 | District Sports Park - Barmaryee Multi Sports Park (Barmaryee) - Embellishment | 2027 | \$1,788,078 |
| PCL-06 | District Sports Park - Cooee Bay Multi Sports Park (Cooee Bay) - Embellishment | 2027 | \$1,344,942 |
| PCL-07 | District Sports Park - Hartley Street Multi Sports Park (Emu Park) - Embellishment | 2031 | \$3,023,087 |
| PCL-08 | District Sports Park - Hartley Street Multi Sports Park (Emu Park) - Embellishment | 2032 | \$962,396 |
| PCL-09 | Land for Community Facilities - Capricorn Coast Memorial Gardens | 2035 | \$2,676,234 |
| TOTAL | | | \$30,210,848 |

¹ The establishment cost is expressed in cost terms as at June 2021 dollars.

² Subsidy of \$11,940,535 applies to this item, which has not been included in the Establishment Cost.