

#### **APPENDIX B - PROPOSED DEVELOPMENT PLANS**

**Greenedge Design** 

# TOOWOOMBA REGION SPORTS PRECINCT



2020 MASTER PLAN [Q] Project 19009 DATE 26/05/2022

#### AND LANDSCAPE DESIGN

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NOISIN

TO CREATE A MEMORABLE REGIONAL SPORTS AND DISTRICT RECREATION FACILITY THAT REFLECTS

ENVIRONMENTALLY RICH AND PROSPEROUS REGION THAT EMBRACES THE FUTURE WHILST RESPECTING THE CHARACTER OF THE SITE AND PROMOTES COUNCIL'S VISION FOR A VIBRANT, INCLUSIVE,

#### THE PAST.

#### DESIGN INTENT

- CREATE A HIGHLY FUNCTIONAL AND USEABLE SPORTS FACILITY FOR THE TOOWOOMBA REGION
- CREATE A UNIQUE DISTRICT RECREATION PARK FOR ALL AGES AND ABILITIES
- PROVIDE A ROBUST LANDSCAPE CHARACTER WITH PREDOMINATELY ENDEMIC PLANT SPECIES
- CREATE A PLACE FOR ALL OF THE COMMUNITY TO ENJOY
- BE SYMPATHETIC TO THE SITE'S ENVIRONMENT SUCH AS RUNOFF PATTERNS, VIEWS AND FLORA
- RESPECT AND EMBRACE THE SITE'S CULTURAL HERITAGE INCLUDING THE FORMER RAIL LINE
- EMBRACE BEST PRACTICE FOR CLIMATE-RESPONSIVE DESIGN AND COMMUNITY LIFESTYLE
- EMPOWER THE COMMUNITY TO BE INVOLVED IN ACTIVE SPORTS, OUTDOOR RECREATION, HEALTHY LIVING AND COMMUNITY EVENTS
- CREATE A UNIQUE, APPEALING, DISTINCTIVE AND ATTRACTIVE DESTINATION THAT OFFERS A RANGE OF BECREATIONAL ACTIVITIES
- ESTABLISH A PRECINCT THAT BLENDS AND INTEGRATES LAND USES SUCH AS INFORMAL RECREATION AND STRUCTURED SPORT WITHIN THE ONE SITE
- EXPLORE OPPORTUNITIES IN WATER HARVESTING, WATER SENSITIVE URBAN DESIGN AND FINANCIALLY VIABLE IRRIGATION OUTCOMES
- ENSURE THAT THE MAINTENANCE REQUIREMENTS OF THE NEW INFRASTRUCTURE DOES NOT IMPOSE A SIGNIFICANT OF UNNECESSARY BURDEN ON COUNCIL'S OR CLUB RESOURCES
- ENSURE DISABILITY DISCRIMINATION ACT (DDA) COMPLIANCE, PUBLIC SAFETY AND CPTED, RELEVANT AUSTRALIAN AND INDUSTRY STANDARDS, CODES AND COUNCIL REQUIREMENTS ARE IMPI EMENTED.
- USE LANDSCAPE TREES, BOLLARDS AND OTHER VEHICLE BARRIERS TO PREVENT VANDALISM OF FACILITIES THROUGH VEHICLE MISUSE



- PROVIDE A 'SENSE OF ARRIVAL' USING LANDSCAPE
- DEVELOP A ROAD HIERACHY IN DESIGN AND VEGETATION TREATMENT TO DEFINE LEGIBILITY AND WAYEINDING.
- CREATE A 'LEVEL' SITE AROUND THE CENTRAL ACTIVITY AREA WHILST ENSURING BALANCE OF EARTHWORKS MATERIAL
- CAPITALISE ON TOPOGRAPHY TO CREATE VIEWING AREAS, MOUNDING AND EMBRACE PRINCIPAL VISTAS, SUCH AS THOSE LOOKING NORTH OVER THE PREMIER OVAL AND RECTANGULAR FIELD TO THE DISTANT LANDSCAPE BEYOND THE SITE'S BOUNDARIES
- LOCATE ACTIVITIES THAT ARE COMPLEMENTARY AND USE THE SITE'S PHYSICAL ENVIRONMENT EFFICIENTLY
- DEVELOP AN EXTENSIVE NETWORK OF SHARED PATHS AND TRAILS THAT ENCOURAGE ACTIVE TRANSPORT AND RECREATIONAL ATTRACTION INCLUDING THE FORMER RAIL LINE TRAIL

# TOOWOOMBA REGION SPORTS PRECINCT

2020 MASTER PLAN

PO BOX 1640, Buddina, OLD 4575 T: 07 5493 4677 E: admin@gree







CONSULTANT:





#### OVERALL PLAN

- Main Access from Gowrie Junction Road
- Toowoomba Connection Rd Highway Entry Left In / Left Out
- Tree Lined Avenue Entry Road
- Premier Hub Setdown Area and Overflow Parking
- Premier Hub
- Premier Oval
- Premier Rectangular Field
- Rectangular Field Precinct 1

Formalised Car Parking

- Open Parkland and Maintenance Compound
- Oval Field 1
- Oval Field 2
- **Diamond Fields Precinct**
- 14) Rectangular Field Precinct 2
- Rectangular Field Precinct 3

(12)

- 16 Shooting and Archery Precinct
- (18) District Park Oval Field 3
- (19) Boundary Planting Screen Buffers
- (20) Stormwater Treatment Channels and Basins (21) Upgrade of Gowrie Junction Road between r
- Upgrade of Gowrie Junction Road between new Site Access and the Toowoomba Connection Road. Upgrade to include 2.5m on-road cycle lanes in each direction.



# TOOWOOMBA REGION SPORTS PRECINCT

2020 MASTER PLAN











### DETAILED PLAN NORTHERN PRECINCT

- Indoor and Outdoor Shooting Precinct
- Indoor Shooting Range
  - 1b Skeet Shooting Range
    - **Long Range Shooting Archery Precinct**
- Planted Screen Buffer with Safety Bund (2m high) and Security Fence
- Shared Shooting and Archery Clubhouse and Parking
- Rectangular Fields Precinct 2 (n)
- Rectangular Field Precinct 2: Shared Rectangular Fields with Oval Overlay

  - Rectangular Field Precinct 3: Rectangular Fields with Oval Overlay
- Rectangular Field Precinct 3: Clubhouse and Parking

**District Level Playground** 

(b)

- **District Level Park** (2)
- Dry Creek (with Stormwater Treatment)

+523

0

(-)

(P)

+519

SWESOND FONNET SWOSSE

(N)

(2)

+520

@

4+518

- Amphitheatre Capitalising on the Natural Topography (4)
  - 13 Dry Creek Stormwater Channels
- Oval Field Precinct Refer to Southern Precinct Plan (<del>+</del> 4
- 15) Shared Use Clubhouse Rectangular Fields

- (6) Shared Path along former Rail Corridor
  - (7) Shared Pedestrian/Cycle Pathways
- **Car Parking**
- 19 Planted Vegetation Buffers
- **Public Amenities**
- Small Play Space Associated with Club Facility



# **TOOWOOMBA REGION SPORTS PRECINCT**

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+526

+525

@

5

+523

4

(D)

+526

(P)

(2)

#### PLAN SOUTHERN PRECINCT DETAILED

- 1 Premier Oval
- Premier Rectangular Field

Premier Hub (Amenities)

- Premier Hub Setdown Area and Overflow Parking
- **Entry Parkland**
- Maintenance Access Track to Adjoining Site
- Small Play Space Associated with Club Facility
  - Rectangular Fields Precinct 1
- Oval Field 3 **Oval Field 1**
- **Oval Field 2**
- Southern Precinct Maintenance Shed / Compound
- Planted Vegetation Buffers
- Access from Gowrie Junction Road
- Planted Embankments
- Toowoomba Connection Road Entry Left in / Left Out
- **Existing Troys Road Interchange**
- Tree Lined Avenue Entry Road with Central Median
- 19) Shared Path along former Rail Corridor
  - Shared Pedestrian/Cycle Pathways

    - **Shared Use Oval Clubhouse** 
      - **Overflow (Event) Parking**
- Spectator Viewing Mounds (Nom. 3m above fields)
  - **Practice Nets**
- Local Playground / Park
- Rectangular Fields Clubhouse **Diamond Fields**
- **Diamond Fields**
- **Car Parking**
- **Drop off and PWD parking**
- Shared Diamond Fields Clubhouse
- **Dry Creek Stormwater Channels**
- Rectangular Field Precinct 2 Refer to Northern Precinct Plan



# **TOOWOOMBA REGION SPORTS PRECINCT**











#### ROAD PLAN ACCESS DETAILED



- Main Access Intersection with Gowrie Junction Road
- Tree Lined Avenue Entry Road without Planted Median Tree Lined Avenue Entry Road with Planted Median
- Dry Creek Stormwater Channels (Existing Alignment)
- Shared Pedestrian/Cycle Pathways (Nom. 2.5m wide)
- Pedestrian Path (Nom. 1.8m wide)
  - Existing Land Owned by T.R.C.
    - **Existing Agricultural Land Use**
- 9 Sports Facility Entry Statement & Signage (11) Left Inbound Deceleration Lane 10 Right Turning Lane - - Site Boundary LEGEND ĘJ SCALE 1:2000 @ A1 1:4000 @ A3

8

(12) Left Exit Lane (13) Right Exit Lane

(2)

8

**©** 4

400m

200m

4



GOWRIE JUNCTION DETAIL PLAN

SCALE 1:250 @ A1 1:500 @ A3

20m

PRELIMINARY ADVICE FROM H.I.G. SUGGESTS A SIGNALLED INTERCHANGE WITH SINGLE RIGHT TURN EXIT ONTO GOWRIE ROAD AND A SINGLE LEFT LANE EXIT ENTERING THE SITE HADING NORTH A DECELERATION LEFT LANE IS TO BE PROVIDED ON THE SOUTHBOUND DIRECTION CARRIAGEWAY. DISCLAIMER: DESIGN SHOWN IS NOT AN ACURATE ENGINEERED SOLUTION AT PRESENT

ARTIST IMPRESSION OF ENTRY STATEMENT & SIGNAGE

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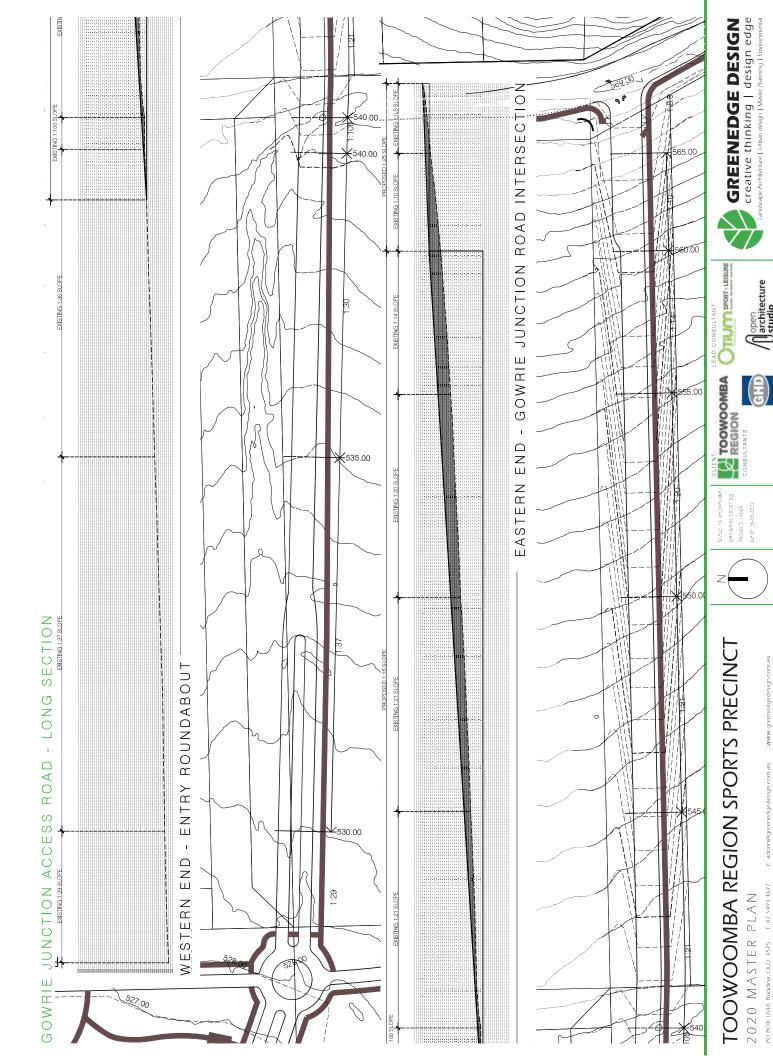




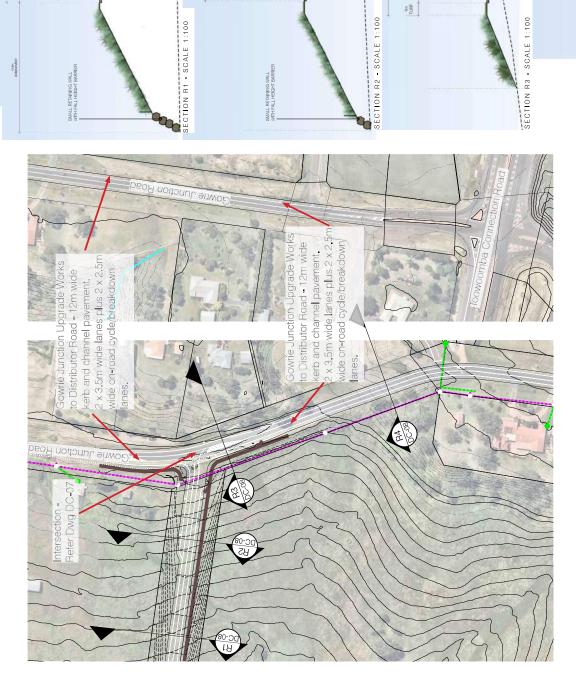
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### GOWRIE JUNCTION ROAD - UPGRADE LAYOUT



OI

3.50m VEHOLE AND BRIE LANE TURF 2.90n SHARED PATH

GOWRIE JUNCTION ROAD - SOUTH

GOWRIE JUNCTION ROAD

NORTH

SECTION R4 - SCALE 1:100











2020 MASTER PLAN

#### PLAN - CENTRAL HUB DETAILED

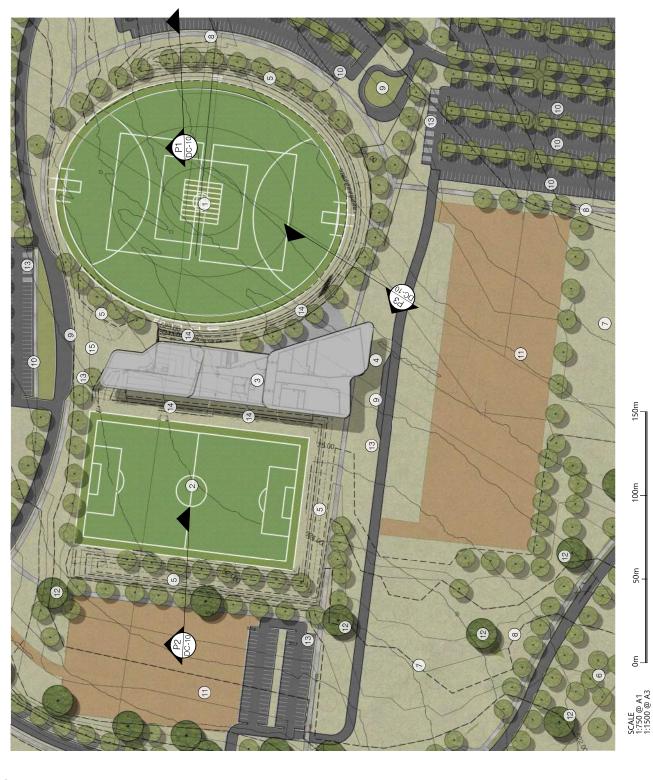
- Premier Rectangle Field
- 3 Premier Hub Refer Architect for Internal Layouts
  - 4 Premier Hub Southern Plaza & Laydown Area
    - 5 Spectator Viewing Mounds
- © Entry / Exit from Toowoomba Connection Road
  - 7 Parkland / Open Space

- Shared Pedestrian / Cycle Paths
  Drop off Area

  Parking

  Oraritow (Event) Parking

  (2) Signature Feature Trees
  - (13) PWD parking
- (14) Stepped Terraces to Provide Casual Seating
  - (15) Northern Entry Plaza



# TOOWOOMBA REGION SPORTS PRECINCT

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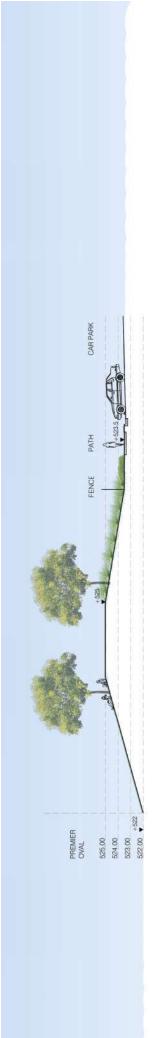
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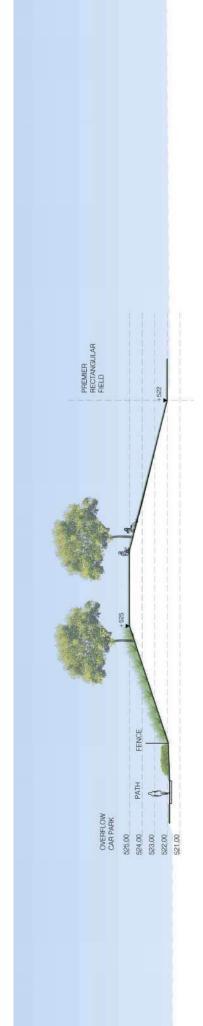




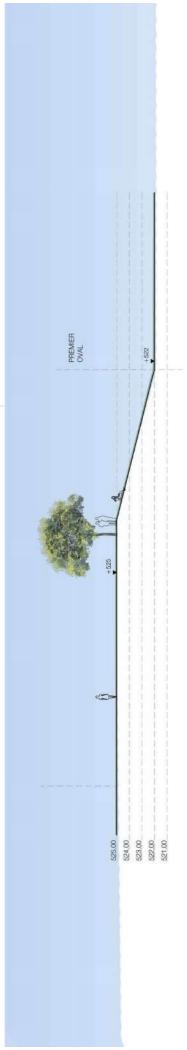




SECTION P1 - PREMIER OVAL SPECTATOR MOUND



SECTION P2 - PREMIER RECTANGULAR FIELD SPECTATOR MOUND



SECTION P3 - PREMIER OVAL AND PLAZA INTERFACE



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DRAWING: DC-10 [Q] PROJECT: 19009









### DETAILED PLAN - DISTRICT PARK PLAYGROUND

- 1) Toddler Play Space
  - **Junior Play Space**
- Teenage Play Space
  - Cableway
- 5) Slide on Mound
- 6 Adventure Net
- Nature Play Dry Creek and Logs **Public Amenities**
- Picnic Shelters with BBQ
  - 10 Kick and Throw Space
- Amphitheatre Space and Performance Deck
  - Main Pathways (2)

Heritage Railway Trail (on former line)

- 14) Car Parking with 4 PWD Spaces
- Dry Creek (with Stormwater Treatment)
- **Future Rectangular Field Precinct** (7) Open Parkland with Shade Trees
- (18) Drainage Channel (Dry Creek Bed)
- (19) Vegetated Sediment Pond for Stormwater
- (21) Overflow Parking Opportunity (Park Run Events)
- 20 Vehicle Maintenance Access 3.5m Wide Pathway



# **TOOWOOMBA REGION SPORTS PRECINCT**

SCALE 1:500 @ A1 1:1000 @ A3

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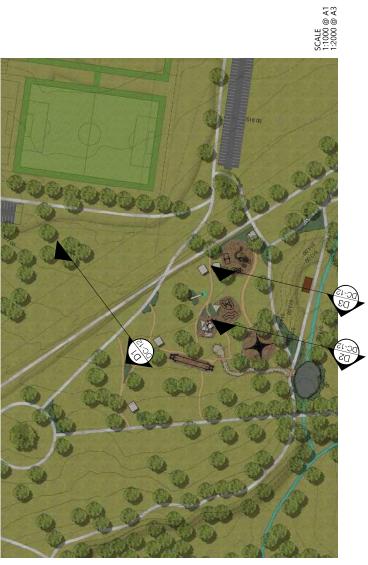
#### DISTRICT PARKLAND - SECTIONS

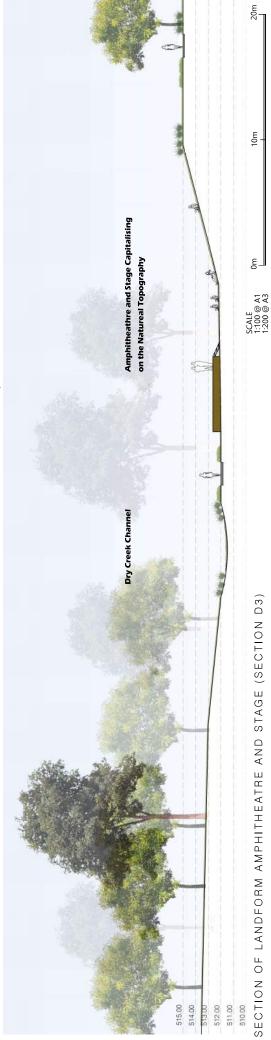


TYPICAL SECTION OF HISTORIC RAILWAY LINE PATH (SECTION D1)



TYPICAL SECTION OF DRAINAGE CHANNEL (SECTION D2)





# **TOOWOOMBA REGION SPORTS PRECINCT**

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# DETAILED PLAN - ENTRY PARKLAND & LOCAL PLAYGROUND

- 1 Toddler & Junior Play Space 2 Large Shade Trees (Like Ficus)
  - 3 Swings
- 4 Entry Parkland Green Open Space
- Slide on Mound
- Nature Play Dry Creek and Logs
- Picnic Shelter with Bench
  - 8 Picnic Shelter with BBO
- Shared Cycle / Pedestrian Paths Main Pathways (b)
  - 11) Car Parking
- 12 Entry Tree Lined Boulevard
  - Rectangular Field Precinct 14 Diamond Fields Precinct (1)
- Drainage Channel (Dry Creek Bed) (12)
- (16) Entry Parkland with Trees and Grass and some Informal Paths & Seating plus access to the Dry Creek Bed





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SCALE 1:500 @ A1 1:1000 @ A3

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DRAWING: DC-13 [Q]





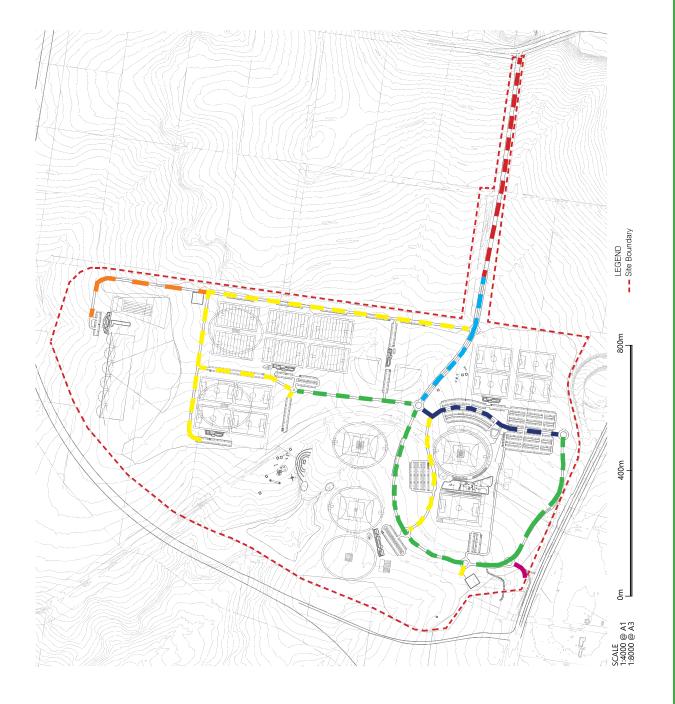






#### HIERARCHY ROAD TYPE KEY PLAN





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DRAWING: DC:14 [Q] PROJECT: 19009

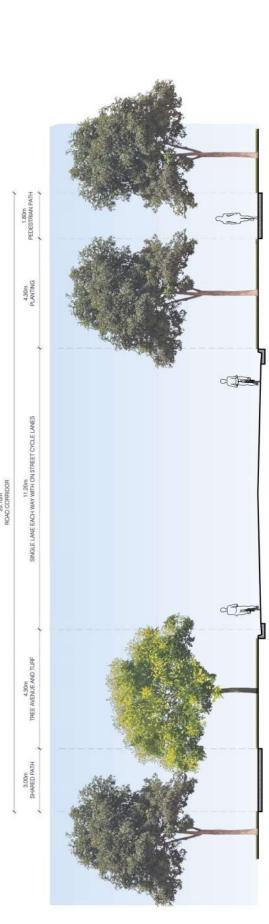












TYPICAL ROAD TYPE A - SINGLE LANE CARRIAGE WAY WITH CYCLE LANE



TYPICAL ROAD TYPE B - TWO DUAL LANE CARRIAGE WAY WITH CENTRAL MEDIAN











5m

0m

SCALE 1:50 @ A1 1:100 @ A3

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TYPICAL ROAD TYPE C - SINGLE LANE CARRIAGE WAY



TYPICAL ROAD TYPE D - SINGLE LANE CARRIAGE WAY

DRAWING: DC-16 [Q] PROJECT: 19009 DATE: 26-05-2022











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10m

5m

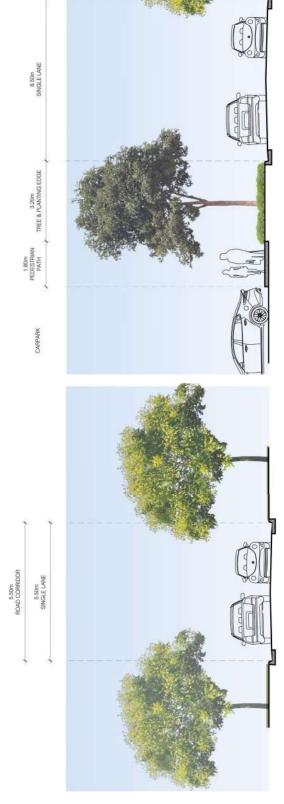
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SCALE 1:50 @ A1 1:100 @ A3

TOOWOOMBA REGION SPORTS PRECINCT

2020 MASTER PLAN

#### TYPICAL ROAD SECTIONS



CARPARK

5.00m THEE & PLANTING EDGE

TYPICAL ROAD TYPE F - SINGLE LANE CARRIAGE WAY CAR PARK CONNECTION

TYPICAL ROAD TYPE E - SINGLE LANE CARRIAGE WAY



TYPICAL ROAD TYPE G - SINGLE LANE CARRIAGE WAY











10m

0m

SCALE 1:50 @ A1 1:100 @ A3

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#### CAR PARK SPACE QUANTITIES

ACTIVITY	ZONE	FIELDS/COURTS	RATE	FIELDS/COURTS RATE REQUIREMENTS ACHIEVED PWD	ACHIEVED	PWD
Recreation	Local	-	25	25	25	2
Recreation	District	-	90	909	920	8
Premier Fields		2	75	150	377	10
Rectangular Fields Precinct 2 North	North	9	90	300	292	9
Rectangular Fields Precinct 1 South	South	4	90	200	200	2
Rectangular Fields Precinct 3 North	North	4	920	200	200	2
Oval Fields 1, 2 & 3		3	90	150	150	8
Diamond Fields		4	25	100	100	4
Archery / Shooting		-	20	920	52	2
Premier Hub		-	90	90	100	5
Sub-total				1275	1546	
Events Allowance#	Approx No.			300	009	
PWD Parking*					39	68
No. of Additional Parking Spaces Provided	209					
Total				1575	2185	



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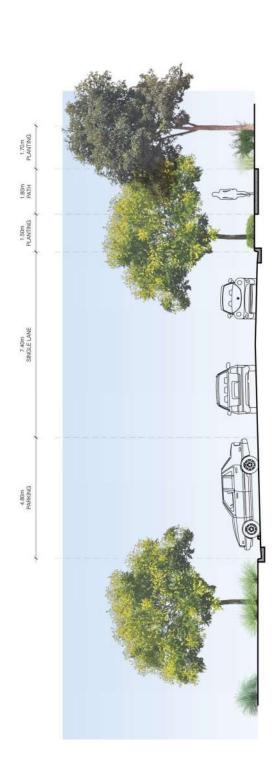




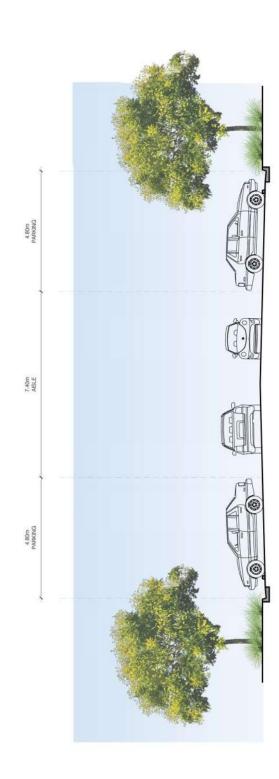








TYPICAL ON STREET PARKING MODULE TYPE A



TYPICAL OFF STREET PARKING MODULE TYPE B

REGION











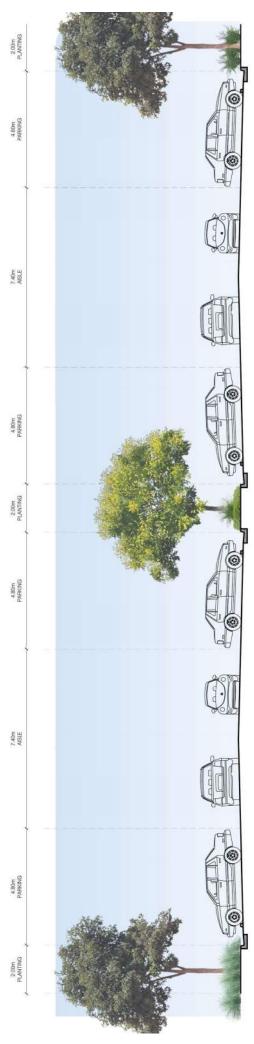
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10m

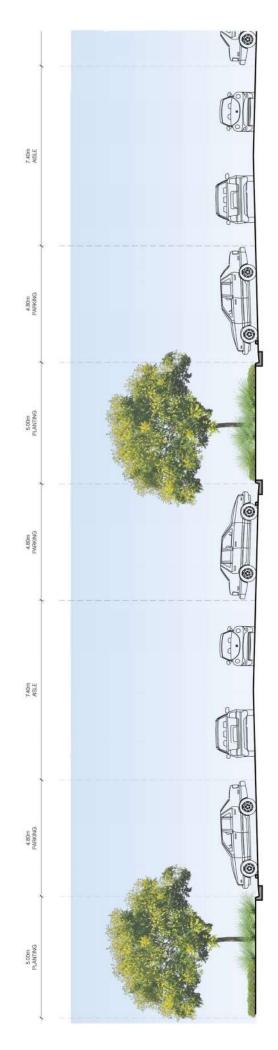
5m

m<sub>o</sub>

SCALE 1:50 @ A1 1:100 @ A3



TYPICAL OFF STREET PARKING MODULE TYPE C



TYPICAL OFF STREET PARKING MODULE TYPE D













10m

5m

m<sub>o</sub>

SCALE 1:50 @ A1 1:100 @ A3

THUM SPORT LEISURE open architecture studio CONSULTANT:

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