Development Planesion and automatic and automatic and automatic and automatic automati

Northern Areas Council

Consolidaten - 12 February 2015

Please refe: to the Northern Areas Council page at www.w.cd.gov.au/developmentplans to see any amondments not consolidated.



Government of South Australia

Department of Planning, Transport and Infrastructure



Department of Planning, Transport and Infrastructure

Roma Mitchell House 136 North Terrace Adelaide

Postal Address GPO Box 1815 Adelaide SA 5001

Phone (08) 7109 7099 Fax (08) 8303 0782

Email <u>dplgwebmaster@sa.gov.au</u> Internet <u>www.dpti.sa.gov.au</u>



Northern Areas Council

94 Ayr Street Jamestown

Postal Address PO Box 120 Jamestown SA 5491

Phone (08) 8664 1139 Fax (08) 8664 1085

Email <u>ceo@nacouncil.sa.gov.au</u> Web <u>www.nacouncil.sa.gov.au</u>

TABLE OF CONTENTS

Introduction Section

Amendment Record Table	3
Introduction to the Development Plan	5
Council Preface Map	10

General Section

Advertisements	
Safety	14
Free Standing Advertisements	14
Flags, Bunting and Streamers	15
Advertising along Arterial Roads	15
Animal Keeping	
Horse Keeping	
Dairies	
Intensive Animal Keeping	17
Building near Airfields	19
Bulk Handling and Storage Facilities	
Centres and Retail Development	21
Arterial Roads	
Retail Development	22
Community Facilities	23
Crime Prevention	24
Design and Appearance	
Building Setbacks from Road Boundaries	26
Energy Efficiency	
On-site Energy Generation	
Forestry	
Hazards	31
Flooding	
Bushfire	
Salinity	
Acid Sulfate Soils	
Site Contamination	
Containment of Chemical and Hazardous Materials	34
Landslip	34

11

1

Heritage Places	35
Industrial Development	37
Infrastructure	39
Interface between Land Uses Noise Rural Interface	41
Land Division Design and Layout Roads and Access Land Division in Rural Areas	44 45
Landscaping, Fences and Walls	47
Mineral Extraction Separation Treatments, Buffers and Landscaping	-
Natural Resources Water Sensitive Design Water Catchment Areas Biodiversity and Native Vegetation Soil Conservation	52 53 54
Open Space and Recreation	57
Open Space and Recreation	
Orderly and Sustainable Development	
	60 61
Orderly and Sustainable Development Renewable Energy Facilities Wind Farms and Ancillary Development Residential Development Design and Appearance Garages, Carports and Outbuildings Street and Boundary Setbacks Site Coverage Private Open Space Site Facilities and Storage Visual Privacy Noise Car Parking and Access Undercroft Garaging of Vehicles Dependent Accommodation Swimming Pools and Outdoor Spas Temporary Accommodation	60 61 63 63 63 64 64 65 65 66 66 66 66 66 67 67 67 67 68
Orderly and Sustainable Development Renewable Energy Facilities Wind Farms and Ancillary Development Residential Development Design and Appearance. Garages, Carports and Outbuildings Street and Boundary Setbacks Site Coverage Private Open Space Site Facilities and Storage Visual Privacy Noise Car Parking and Access. Undercroft Garaging of Vehicles Dependent Accommodation Swimming Pools and Outdoor Spas	60 61 63 63 63 64 64 65 65 66 66 66 66 66 67 67 67 67 68 63

Sloping Land	72
Supported Accommodation and Housing for Seniors	73
Telecommunications Facilities	75
Tourism Development	76
Tourism Development in Association with Dwelling(s)	
Tourism Development Outside Townships	77
Transportation and Access	79
Land Use	79
Movement Systems	79
Cycling and Walking	
Access	81
Access for People with Disabilities	81
Vehicle Parking	81
Waste	83
Wastewater	
Waste Treatment Systems	84
Waste Management Facilities	

Zone Section

Airfield Zone	91
Bulk Handling Zone	93
Commercial Zone	95
Community Zone	
Home Industry Zone	
Light Industry Zone	
Primary Production Zone	
Forestry Policy Area 1	
Township Fringe Policy Area 2	114
Residential Zone	
Jamestown Low Density Living Policy Area 3	123
Rural Landscape Protection Zone	
Rural Living Zone	130
Town Centre Zone	134
Township Zone	

89

Table Section

Table NtA/1 - Building Setbacks from Road Boundaries	143
Table NtA/2 - Off Street Vehicle Parking Requirements	144
Table NtA/3 - State Heritage Places	146

Mapping Section

Map Reference Tables	149
Spatial Extent Maps	
Bushfire Risk BPA Maps	241
Concept Plan Maps	

Copyright

© Government of South Australia.

All rights reserved. The document may be reproduced free-of-charge in any format providing that it is reproduced accurately and not used in any misleading context. The material must be acknowledged as Government of South Australia copyright and the title of the document specified.

Disclaimer

Although every effort has been made to ensure the accuracy of the information contained in this document, the Government of South Australia, its agents, officers and employees make no representations, either express or implied, that the information contained is accurate or fit for any purpose and expressly disclaims all liability for loss or damage arising from reliance upon the information supplied. Persons using this information should consult the relevant Gazette Notices and/or view an authorised copy of the subject Development Plan Amendment when exacting legal clarification on any amendment is required.

141

147

Introduction Section

Amendment Record Table

The following table is a record of authorised amendments and their consolidation dates for the Northern Areas Council Development Plan since its inception on 13 April 2000. Further information on authorised amendments prior to this date may be researched through the relevant Council, the Department of Planning, Transport and Infrastructure or by viewing Gazette records.

Consolidated	Amendment – [Gazetted date]
13 April 2000	Amalgamation of Jamestown (DC), Rocky River (DC), and Spalding Development Plans - Consolidation and General Policy Review PAR – [13 April 2000]
Not consolidated	Telecommunications Facilities State-wide Policy Framework PAR (Interim) (Ministerial) - [31 August 2000]
12 October 2000	Section 29(2)(b) Amendment – [12 October 2000]
8 November 2001	Telecommunications Facilities State-wide Policy Framework PAR (Ministerial) – [30 August 2001]
28 August 2003	Wind Farms PAR (Ministerial) – [24 July 2003]
7 July 2005	General PAR – [30 June 2005]
25 January 2007	Bushfire Management (Part 2) PAR (Ministerial) – [14 December 2006]
6 August 2009	Jamestown Industrial/Commercial DPA – [23 July 2009]
25 March 2010	Bushfires (Miscellaneous Amendments) DPA (Ministerial) (Interim) – [10 December 2009]
21 July 2011	Bushfires (Miscellaneous Amendments) DPA <i>(Ministerial)</i> – [9 December 2010] Better Development Plan (BDP) and General – [21 July 2011]
9 February 2012	Statewide Wind Farms DPA (Interim) (Ministerial) – [19 October 2011]
17 January 2013	Termination of the Statewide Wind Farms DPA <i>(Ministerial)</i> and its removal from the Northern Areas Counci Development Plan – [18 October 2012] Statewide Wind Farms DPA <i>(Ministerial)</i> – [18 October 2012] Section 29(2)(c) Amendment – [29 November 2012]
12 February 2015	Township Growth DPA – [12 February 2015] Section 29(3)(a) – [12 February 2015]

Development Plan) pursuant to section 31 of the Development Act 1993.

The date of which an authorised amendment was authorised through the publication of a notice in the Government Gazette pursuant to Part 3 of the *Development Act 1993*. Gazetted:

Introduction to the Development Plan

Welcome to the Development Plan for the Northern Areas Council.

This introduction has been prepared by the Department of Planning, Transport and Infrastructure as a guide to assist you in understanding this Development Plan.

For full details about your rights and responsibilities, you are advised to refer to the *Development Act 1993* and the associated *Development Regulations 2008* and/or consult your council.

A number of guides and additional information regarding South Australia's Planning and Development Assessment System are available via the website <u>www.dpti.sa.gov.au</u> or by contacting the Department of Planning, Transport and Infrastructure at 136 North Terrace, Adelaide, SA 5000.

Overview of the Planning System

South Australia has an integrated planning and development system, with three distinct but interrelated parts, these being:

- Legislation
- The Planning Strategy
- Development Plans

The **legislative framework** establishing the planning and development system and setting out its statutory procedures is provided by the *Development Act 1993* and its associated *Development Regulations 2008*. The Development Act is the core legislation enacted by the South Australian Parliament to establish the planning and development system framework and many of the processes required to be followed within that framework (including processes for assessing development applications). The Regulations provide more details about the framework and are updated from time to time by the Governor (on the advice of the Minister for Planning).

The State Government's broad vision for sustainable land use and the built development of the state is outlined in the **Planning Strategy**. The relevant volume of the Planning Strategy for this Development Plan is The Planning Strategy for Regional South Australia (January 2003, as amended at December 2007).

The Planning Strategy, which covers a full range of social, economic and environmental issues, informs and guides policies both across Government and in local area Development Plans. The Planning Strategy is required under section 22 of the Development Act and is updated by the State Government every few years. Local councils also prepare strategic plans which guide the same matters but at a local level. These strategic plans are not, however, development assessment tools: that is the role of Development Plans.

Development Plans are the key on-the-ground development assessment documents in South Australia. They contain the rules that set out what can be done on any piece of land across the state, and the detailed criteria against which development applications will be assessed. Development Plans cover distinct and separate geographic areas of the state. There is a separate Development Plan for each one of the 68 local council areas, plus a handful of other Development Plans covering areas not situated within local government boundaries. Development Plans outline what sort of developments and land use are and are not envisaged for particular zones (eg residential, commercial, industrial), and various objectives, principles and policies further controlling and affecting the design and other aspects of proposed developments.

What is Development?

'Development' is defined in Section 4 of the Development Act 1993 as:

- a change in the use of land or buildings
- the creation of new allotments through land division (including Strata and Community Title division)
- building work (including construction, demolition, alteration and associated excavation/fill)

- cutting, damaging or felling of significant trees
- specific work in relation to State and Local heritage places
- prescribed mining operations
- other acts or activities in relation to land as declared by the Development Regulations.

No development can be undertaken without an appropriate **Development Approval** being obtained from the relevant authority after an application and assessment process.

How does the Development Plan relate to other legislation?

The Development Plan is a self-contained policy document prepared under and given statutory recognition pursuant to *the Development Act 1993.*

It is generally independent of other legislation but is one of many mechanisms that control or manage the way that land and buildings are used.

The *Development Act, 1993* and *Development Regulations, 2008* contain a number of provisions to ensure that development applications are referred to other government agencies when appropriate.

What doesn't a Development Plan do?

Development Plans are applicable only when new development is being designed or assessed. They do not affect existing development (see above for a description of what constitutes 'development').

Once a Development Approval is issued, the details contained within the application and any conditions attached to that approval are binding.

Development Plan policies guide the point in time assessment of a development application but do not generally seek to control the on-going management of land, which is the role of other legislation (eg the *Environment Protection Act 1993, Natural Resources Management Act 2004, Liquor Licensing Act 1997).*

When do you use the Development Plan?

The Development Plan should be used during a development application process. This may include:

- when undertaking or proposing to undertake 'development' (eg building a house or factory or converting an office into a shop)
- when assessing or determining a development proposal (eg by council staff, a Council or Regional Development Assessment Panel or the Development Assessment Commission)
- when you believe you could be affected by a proposed development and you are given an
 opportunity to comment on it as part of the assessment process.

How to read the Development Plan

Development Plans are comprised of several sections as described below.

<u>All</u> sections and <u>all</u> relevant provisions within each section of the Development Plan must be considered in relation to a development proposal or application.

Development Plans use three text font colours:

- (a) Black text is used to identify all standard policy that forms the basis of all council Development Plans.
- (b) Green text is used to identify additional council-specific policy or variables that have been included in the Development Plan to reflect local circumstances.
- (c) Blue text illustrates hyperlinks to maps, overlays and tables in the Development Plan. These hyperlinks are operational only when viewing electronic versions of the Development Plan.

Development Plan Structure Overview

Advisory Section	Function
Table of Contents	Navigational aid to reference sections within the Development Plan by name and page number.
Amendment Record Table	Tabled information recording previously-authorised Development Plan amendments and their consolidation dates.
Introduction Overview of the Planning System What is Development? How does the Development Plan relate to other legislation? What doesn't a Development Plan do? When do you use the Development Plan? How to read the Development Plan	A general overview of the context, purpose and way a Development Plan is set out (this section is advisory only and not used for development assessment purposes).
Strategic Setting State Strategic Setting (Metro/Outer Metro/Regional Planning Strategy) Council Strategic Setting (Council Strategy)	To be developed, but intended to reflect the relevant Planning Strategy (as it relates to the council area) and council's own local strategic investigations.
Council Preface Map	Map of the entire Development Plan boundary and its spatial relationship to other Development Plans' boundaries.
Assessment Section	Function
General Provisions Objectives Principles of Development Control	 These policies apply across the whole council area and relate to a range of social, environmental, and economic development issues such as: site and design criteria access and vehicle parking requirements heritage and conservation measures environmental issues hazards infrastructure requirements. They establish the development standards that apply to all forms of development and provide a yardstick against which the suitability of development proposals is measured.
Zone Provisions	These policies give greater certainty and direction about where certain forms of developments should be located. Maps are referenced within zones that show where land uses are suitable to be located.
	Generally, envisaged forms of development within a zone are identified and encouraged through carefully worded policies.

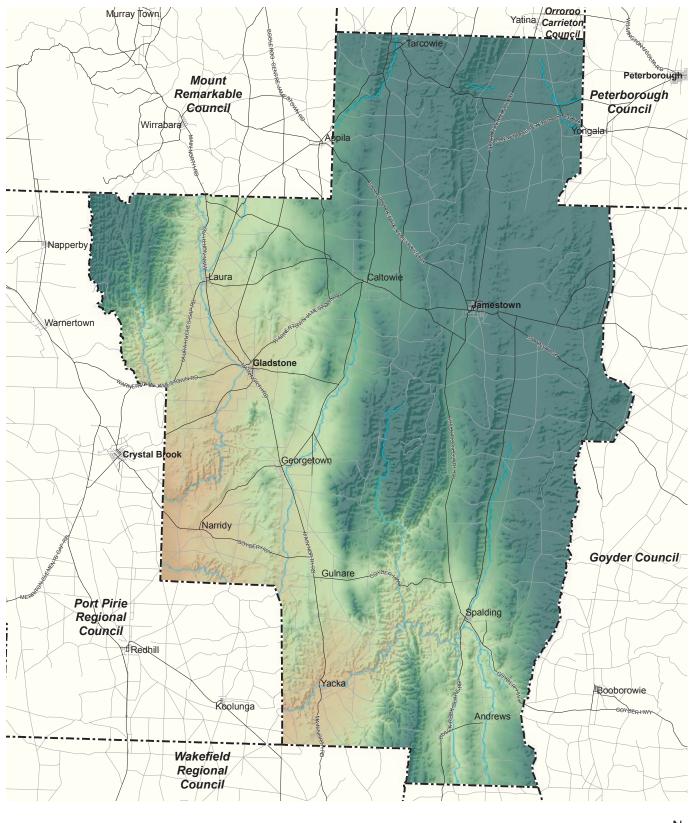
Assessment Section	Function
Desired Character Statements	These express a vision about how the zone should look and feel in the future. They may describe the valued elements of the neighbourhood or area to be retained and/or what level and nature of change is desired.
Objectives	These are the specific planning polices that determine what land uses are encouraged or discouraged in the zone. They often contain detailed provisions to further guide the scale and design of development.
Principles of Development Control	These also provide lists of complying and non- complying development and any public notification provisions that vary from those in the Development Regulations.
Policy Area	Policy areas apply to a portion of a zone and contain additional objectives, desired character statements and principles of development control for that portion.
Precincts	Precincts are used to express policies for a small sub- area of a zone or a policy area.
	Precincts are used if additional site-specific principles of development control are needed to reflect particular circumstances associated with those sub-areas. They do not contain additional objectives or desired character statements.
Procedural Matters	All zones have a procedural matters section that identifies and lists complying, non-complying and public notification categories for various forms of development
	Policy areas and/or precincts, which are a sub-set of the zone, share this procedural matters section. Their respective lists can be modified to accommodate policy area and precinct variations.
Tables	These tables provide detailed data for the assessment of certain elements of development, for example, numeric values for setbacks from road boundaries and car parking rates for certain types of development.
	Conditions for complying development are grouped into their respective tables.
Mapping	
Structure Plan Maps	Structure Plan maps will commonly show the general arrangement and broad distribution of land uses; key spatial elements; and movement patterns throughout the council area and major urban areas.
Council Index Maps	This is the first point of reference when determining the appropriate map(s) applying to a specific property.
	An enlargement index map may be included where needed, eg for large townships.

Assessment Section	Function
Extent Map Series Location Maps	Individual overlay and spatial-based maps (based on the Council Index Maps) originate from a single Location Map and 'drill down' through relevant extent maps affecting that location.
	Note: the entire council area will always be represented as the first map in the extent map series and will commence as map 1.
Overlay Maps	Used to show issue areas or features that run across a number of zones, and are spatially defined to a cadastre, for example: Transport Development Constraints Heritage Natural Resources. Note: issues that are not spatially defined to a cadastre can appear in this section; however they will be presented as illustrative maps only.
Zone Maps	Used to determine which zone applies to which land.
Policy Area Maps	Used to depict the presence and location of any applicable policy area.
Precinct Maps	Used to depict the presence and location of any applicable precincts.
Bushfire Maps <i>(where applicable)</i> Bushfire Protection Area BPA Maps - Bushfire Risk	Bushfire Protection Area - BPA Maps are used to determine the potential bushfire risk (high, medium or general), associated with an allotment located within an area prone to bushfires.
Concept Plan Maps	Concept Plans are used to depict graphically key features and conceptual layouts of how specific areas should be developed.
	Concept Plans appear at the end of the extent map series as a separate section. Concept Plans are consecutively numbered, commencing with number 1.

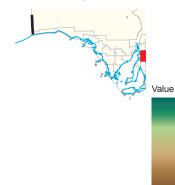
Further info

Contact the Northern Areas Council.

Visit the Department of Planning, Transport and Infrastructure website: <u>www.dpti.sa.gov.au</u>. Discuss your matter with your planning consultant



To identify the precise location of the Development Plan boundary refer to Council Index Map then select the relevant map number.



High : 1159

Council Preface Map

0

Low : -15

25 km

Northern Areas Council General Section

General Section

Advertisements

OBJECTIVES

- 1 Urban and rural landscapes that are not disfigured by advertisements and/or advertising hoardings.
- 2 Advertisements and/or advertising hoardings that do not create a hazard.
- 3 Advertisements and/or advertising hoardings designed to enhance the appearance of the building and locality.

- 1 The location, siting, design, materials, size, and shape of advertisements and/or advertising hoardings should be:
 - (a) consistent with the predominant character of the urban or rural landscape
 - (b) in harmony with any buildings or sites of historic significance or heritage value in the area
 - (c) co-ordinated with and complement the architectural form and design of the building they are to be located on.
- 2 The number of advertisements and/or advertising hoardings associated with a development should be minimised to avoid:
 - (a) clutter
 - (b) disorder
 - (c) untidiness of buildings and their surrounds.
- 3 Buildings occupied by a number of tenants should exhibit co-ordinated and complementary advertisements and/or advertising hoardings to identify the tenants and their type of business.
- 4 The content of advertisements should be limited to information relating to the legitimate use of the associated land.
- 5 Advertisements and/or advertising hoardings should:
 - (a) be completely contained within the boundaries of the subject allotment
 - (b) be sited to avoid damage to, or pruning or lopping of, on-site landscaping or street trees
 - (c) not obscure views to vistas or objects of high amenity value.
- 6 Advertisements and/or advertising hoardings should not be erected on:
 - (a) a public footpath or veranda post
 - (b) a road, median strip or traffic island
 - (c) a vehicle adapted and exhibited primarily as an advertisement

- (d) residential land, unless erected to fulfil a statutory requirement or as a complying type of advertisement or advertising hoarding associated with the residential use of the land.
- 7 Advertisements and/or advertising hoardings attached to buildings should not be sited on the roof or higher than the walls of a building, unless the advertisement or advertising hoarding is appropriately designed to form an integrated and complementary extension of the existing building.
- 8 Advertisements and/or advertising hoardings erected on a veranda or that project from a building wall should:
 - (a) have a clearance over a footway to allow for safe and convenient pedestrian access
 - (b) where erected on the side of a veranda, not exceed the width of the veranda or project from the veranda
 - (c) where erected on the front of a veranda, not exceed the length of the veranda or project from the veranda
 - (d) where projecting from a wall, have the edge of the advertisement or advertising hoarding abutting the surface of the wall.
- 9 Advertisements should be designed to conceal their supporting advertising hoarding from view.
- 10 Advertisements should convey the owner/occupier and/or generic type of business, merchandise or services using simple, clear and concise language, symbols, print style and layout and a small number of colours.
- 11 Advertisements which perform a secondary role in identifying the business, goods or services should only be readable in the immediate vicinity of the site.
- 12 Outside of townships and country settlements advertisements other than traffic signs, tourist signs or advertisements on an existing tourist information bay display board, should not be erected in road reserves.

Safety

- 13 Advertisements and/or advertising hoardings should not create a hazard by:
 - (a) being so highly illuminated as to cause discomfort to an approaching driver, or to create difficulty in the driver's perception of the road or persons or objects on the road
 - (b) being liable to interpretation by drivers as an official traffic sign, or convey to drivers information that might be confused with instructions given by traffic signals or other control devices, or impair the conspicuous nature of traffic signs or signals
 - (c) distracting drivers from the primary driving task at a location where the demands on driver concentration are high
 - (d) obscuring a driver's view of other road or rail vehicles at/or approaching level crossings, or of pedestrians or of features of the road that are potentially hazardous (eg junctions, bends, changes in width, traffic control devices).

Free Standing Advertisements

- 14 Free standing advertisements and/or advertising hoardings should be:
 - (a) limited to only one primary advertisement per site or complex
 - (b) of a scale and size in keeping with the desired character of the locality and compatible with the development on the site.

- 15 Free standing advertisements and/or advertising hoardings for multiple-business tenancy complexes should:
 - (a) incorporate the name or nature of each business or activity within the site or complex in a single advertisement
 - (b) be integrally designed and mounted below the more predominant main complex or site identity advertisement.
- 16 Portable, easel or A-frame advertisements should be displayed only where:
 - (a) no other appropriate opportunity exists for an adequate co-ordinated and permanently erected advertisement and/or advertising hoarding
 - (b) they do not obstruct or compromise the safety of pedestrians or vehicle movement
 - (c) there is no unnecessary duplication or proliferation of advertising information
 - (d) there is no damage to, or removal of, any landscaping on the site.
- 17 Portable, easel or A-frame advertisements associated with a development should be displayed only during the hours the development is open for trading.

Flags, Bunting and Streamers

- 18 Advertisements and/or advertising hoardings incorporating any flags, bunting, streamers, or suspended objects should:
 - (a) be placed or arranged to complement and accord with the scale of the associated development
 - (b) other than flags, not be positioned higher than the building they are attached or related to
 - (c) not be displayed in residential areas.

Advertising along Arterial Roads

19 Advertising and/or advertising hoardings should not be placed along arterial roads that have a speed limit of 80 km/h or more.

Animal Keeping

OBJECTIVES

- 1 Animals not kept at a density beyond the carrying capacity of the land or water.
- 2 Animal keeping development sited and designed to avoid adverse effects on surrounding development.
- 3 Intensive animal keeping protected from encroachment by incompatible development.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Animal keeping and associated activities should not create adverse impacts on the environment or the amenity of the locality.
- 2 Storage facilities for manure, used litter and other wastes should be designed and sited:
 - (a) to be vermin proof
 - (b) with an impervious base
 - (c) to ensure that all clean rainfall runoff is excluded from the storage area
 - (d) outside the 1-in-100 year average return interval flood event area.

Horse Keeping

- 3 Stables, horse shelters or associated yards should be sited:
 - (a) at least 50 metres from a watercourse
 - (b) on land with a slope no greater than 1-in-10 metres.
- 4 A concrete drainage apron should be provided along the front of stables directing water from washdown areas onto a suitably vegetated area that can absorb all the water, or into a constructed drainage pit.
- 5 Stables, horse shelters or associated yards should be sited at least 30 metres from any dwelling on the site and from the nearest allotment boundary to avoid adverse impacts from dust, erosion and odour.
- 6 All areas accessible to horses should be separated from septic tank drainage areas.

Dairies

- 7 Dairies and associated wastewater lagoons and liquid/solid waste storage and disposal areas should be located at a distance from nearby dwellings, public roads and outside the 1-in-100 year average return interval flood event area of any watercourse to avoid adverse impacts or nuisance by noise, smell or pollution on nearby sensitive receptors such as dwellings.
- 8 Dairies should include a lagoon for the storage or treatment of milking shed effluent which should be located:
 - (a) at least 20 metres from a public road
 - (b) at least 200 metres from any dwelling not located on the land

(c) outside any 1-in-100 year average return interval flood event area of any watercourse.

Intensive Animal Keeping

- 9 Intensive animal keeping operations and their associated components, including holding yards, temporary feeding areas, movement lanes and similar, should not be located on land within any of the following areas:
 - (a) 800 metres of a public water supply reservoir
 - (b) the 1-in-100 year average return interval flood event area of any watercourse
 - (c) 200 metres of a major watercourse (third order or higher stream)
 - (d) 100 metres of any other watercourse, bore or well used for domestic or stock water supplies
 - (e) 3000 metres of a defined and zoned township, settlement or urban area (except for land based aquaculture)
 - (f) 500 metres of a dwelling (except for a dwelling directly associated with the intensive animal keeping facility).
- 10 Intensive animal keeping operations in uncovered situations should incorporate:
 - (a) a controlled drainage system which:
 - (i) diverts runoff from external areas
 - (ii) directs surface runoff into an effluent management system that has sufficient capacity to hold run off from the controlled drainage area
 - (b) pen floors which:
 - (i) ensure that effluent does not infiltrate and contaminate groundwater or soil
 - (ii) are graded to a consistent uniform slope of between 2 per cent and 6 per cent
 - (c) effluent drainage into an effluent lagoon(s) that has sufficient capacity to hold runoff from the controlled drainage area.
- 11 Intensive animal keeping facilities and associated wastewater lagoons and liquid/solid waste disposal areas should be sited, designed, constructed and managed and sited to avoid adverse odour impacts on nearby sensitive land uses.

Kennels

- 12 The floor of kennels should be constructed of concrete or similar impervious material and be designed to allow for adequate drainage when kennels are cleaned.
- 13 Kennels and exercise yards should be designed and sited to minimise noise nuisance to neighbours through:
 - (a) orienting their openings away from sensitive land uses such as dwellings
 - (b) siting them as far as practicable from allotment boundaries.
- 14 Kennels should occur only where there is a permanently occupied dwelling on the land.

Land Based Aquaculture

- 15 Land-based aquaculture and associated components should not be located on land within 500 metres of a defined and zoned township, settlement or urban area.
- 16 Land-based aquaculture ponds should be sited and designed to:
 - (a) prevent surface flows from entering the ponds in a 1-in-100 year average return interval flood event
 - (b) prevent pond leakage that would pollute groundwater
 - (c) prevent any overflow that would enable the species being farmed to enter any watercourse or drainage line
 - (d) minimise the need for intake and discharge pipes to traverse sensitive environments.
- 17 Buildings associated with land-based aquaculture should provide enclosed storage areas to accommodate all equipment associated with aquaculture operations in a manner which is integrated with the use of the land.
- 18 Development should ensure that pipe inlet and outlets associated with land-based aquaculture are located to minimise the risk of disease transmission.

Building near Airfields

OBJECTIVES

1 Development that ensures the long-term operational, safety and commercial aviation requirements of airfields (airports, airstrips and helicopter landing sites) continue to be met.

- 1 The height and location of buildings and structures should not adversely affect the long-term operational, safety and commercial aviation requirements of airfields.
- 2 Development in the vicinity of airfields should not create a risk to public safety, in particular through any of the following:
 - (a) lighting glare
 - (b) smoke
 - (c) air turbulence
 - (d) storage of flammable liquids
 - (e) attraction of birds
 - (f) materials that affect aircraft navigational aids.
- 3 Lighting within 6 kilometres of an airport should be designed so that it does not pose a hazard to aircraft operations.
- 4 Development that is likely to increase the attraction of birds should not be located within 3 kilometres of an airport used by commercial aircraft. If located closer than 3 kilometres the facility should incorporate bird control measures to minimise the risk of bird strikes to aircraft.
- 5 Dwellings should not be located within areas affected by airport noise.
- 6 Development within areas affected by aircraft noise should be consistent with Australian Standard AS2021 Acoustics Aircraft Noise Intrusion Building Siting and Construction.

Bulk Handling and Storage Facilities

OBJECTIVES

1 Facilities for the bulk handling and storage of agricultural and other commodities sited and designed to minimise adverse impacts on the landscape and on and from surrounding land uses.

- 1 Facilities for the handling, storage and dispatch of commodities in bulk should be:
 - (a) located in bulk handling, industry or primary production type zones
 - (b) sited, designed and operated to minimise risks of contamination to the environment and adverse impacts on nearby sensitive land uses and from surrounding land uses.
- 2 Development of facilities for the handling, transportation and storage of bulk commodities should have:
 - (a) areas set aside on the site of the development for the marshalling and manoeuvring of vehicles attending the site
 - (b) roadways and parking areas surfaced in a manner sufficient to control dust emissions from the site
 - (c) vehicle circulation between activity areas contained within the site and without the need to use public roads
 - (d) landscaping, using locally indigenous plant species wherever practical, established within the site for the purpose of providing shade and shelter, and to assist with screening and dust filtration
 - (e) a buffer area for the establishment of dense landscaping adjacent road frontages
 - (f) security fencing around the perimeter of the site.
- 3 Temporary bunkers for storage should not compromise the efficient circulation and parking of vehicles within the site.
- 4 Access to and from the site should be designed to allow simultaneous movement of vehicles entering and exiting in a forward direction to minimise interference to other traffic using adjacent public roads.

Centres and Retail Development

OBJECTIVES

- 1 Shopping, administrative, cultural, community, entertainment, educational, religious and recreational facilities located in integrated centres.
- 2 Centres that ensure rational, economic and convenient provision of goods and services and provide:
 - (a) a focus for community life
 - (b) safe, permeable, pleasant and accessible walking and cycling networks.
- 3 The provision of a safe pedestrian environment within centres which gives high priority to pedestrians and public transport.
- 4 Increased vitality and activity in centres through the introduction and integration of housing.
- 5 Centres developed in accordance with a hierarchy based on function, so that each type of centre provides a proportion of the total requirement of goods and services commensurate with its role.
- 6 The hierarchy of centres outside metropolitan Adelaide is as follows:
 - Regional Town Centre
 - District Town Centre
 - Town Centre (for smaller towns with a single centre zone)
 - Local Town Centre (subsidiary centres for towns with a regional or district centres).

- 1 Development within centres should:
 - (a) integrate facilities within the zone
 - (b) allow for the multiple use of facilities and the sharing of utility spaces
 - (c) allow for the staging of development within the centre
 - (d) be integrated with public and community transport.
- 2 Development within centres should be designed to be compatible with adjoining areas. This should be promoted through landscaping, screen walls, centre orientation, location of access ways, buffer strips and transitional use areas.
- 3 Development within centres should provide:
 - (a) public spaces such as malls, plazas and courtyards
 - (b) street furniture, including lighting, signs, litter bins, seats and bollards, that is sited and designed to complement the desired character
 - (c) unobtrusive facilities for the storage and removal of waste materials
 - (d) public facilities including toilets, infant changing facilities for parents, seating, litter bins, telephones and community information boards

- (e) access for public and community transport and sheltered waiting areas for passengers
- (f) lighting for pedestrian paths, buildings and associated areas
- (g) a single landscaping theme
- (h) safe and secure bicycle parking.
- 4 A single architectural theme should be established within centres through:
 - (a) constructing additions or other buildings in a style complementary to the existing shopping complex
 - (b) renovating the existing shopping complex to complement new additions and other buildings within the centre
 - (c) employing a signage theme.
- 5 The design of undercroft or semi-basement car parking areas should not detract from the visual quality and amenity of adjacent pedestrian paths, streets or public spaces.
- 6 Undercroft or semi-basement car parking areas should not project above natural or finished ground level by more than one metre.

Arterial Roads

- 7 Centre development straddling an arterial road should:
 - (a) concentrate on one side of the arterial road or one quadrant of the arterial road intersection
 - (b) minimise the need for pedestrian and vehicular movement from one part of the centre to another across the arterial road.

Retail Development

- 8 A shop or group of shops with a gross leasable area of greater than 250 square metres should be located within a centre zone.
- 9 A shop or group of shops with a gross leaseable area of less than 250 square metres should not be located on arterial roads unless within a centre zone.
- 10 A shop or group of shops located outside of zones that allow for retail development should:
 - (a) be of a size and type that will not hinder the development, function or viability of any centre zone
 - (b) not demonstrably lead to the physical deterioration of any designated centre
 - (c) be developed taking into consideration its effect on adjacent development.
- 11 Retail showrooms located within centres zones should:
 - (a) complement the overall provision of facilities
 - (b) be sited towards the periphery of those centres.

Community Facilities

OBJECTIVES

- 1 Location of community facilities including social, health, welfare, education and recreation facilities where they are conveniently accessible to the population they serve.
- 2 The proper provision of public and community facilities including the reservation of suitable land in advance of need.

- 1 Community facilities should be sited and developed to be accessible by pedestrians, cyclists and public and community transport.
- 2 Community facilities should be integrated in their design to promote efficient land use.
- 3 Design of community facilities should encourage flexible and adaptable use of open space and facilities for a range of uses over time.

Crime Prevention

OBJECTIVES

1 A safe, secure, crime resistant environment where land uses are integrated and designed to facilitate community surveillance.

- 1 Development should be designed to maximise surveillance of public spaces through the incorporation of clear lines of sight, appropriate lighting and the use of visible permeable barriers wherever practicable.
- 2 Buildings should be designed to overlook public and communal streets and public open space to allow casual surveillance.
- 3 Development should provide a robust environment that is resistant to vandalism and graffiti.
- 4 Development should provide lighting in frequently used public spaces including those:
 - (a) along dedicated cyclist and pedestrian pathways, laneways and access routes
 - (b) around public facilities such as toilets, telephones, bus stops, seating, litter bins, automatic teller machines, taxi ranks and car parks.
- 5 Development, including car park facilities should incorporate signage and lighting that indicate the entrances and pathways to, from and within sites.
- 6 Landscaping should be used to assist in discouraging crime by:
 - (a) screen planting areas susceptible to vandalism
 - (b) planting trees or ground covers, rather than shrubs, alongside footpaths
 - (c) planting vegetation other than ground covers a minimum distance of 2 metres from footpaths to reduce concealment opportunities.
- 7 Site planning, buildings, fences, landscaping and other features should clearly differentiate public, communal and private areas.
- 8 Buildings should be designed to minimise and discourage access between roofs, balconies and windows of adjoining dwellings.
- 9 Public toilets should be located, sited and designed:
 - (a) to promote the visibility of people entering and exiting the facility (eg by avoiding recessed entrances and dense shrubbery that obstructs passive surveillance)
 - (b) near public and community transport links and pedestrian and cyclist networks to maximise visibility.
- 10 Development should avoid pedestrian entrapment spots and movement predictors (eg routes or paths that are predictable or unchangeable and offer no choice to pedestrians).

Design and Appearance

OBJECTIVES

- 1 Development of a high architectural standard that responds to and reinforces positive aspects of the local environment and built form.
- 2 Roads, open spaces, buildings and land uses laid out and linked so that they are easy to understand and navigate.

- 1 The design of a building may be of a contemporary nature and exhibit an innovative style provided the overall form is sympathetic to the scale of development in the locality and with the context of its setting with regard to shape, size, materials and colour.
- 2 Buildings should be designed and sited to avoid creating extensive areas of uninterrupted walling facing areas exposed to public view.
- 3 Buildings should be designed to reduce their visual bulk and provide visual interest through design elements such as:
 - (a) articulation
 - (b) colour and detailing
 - (c) small vertical and horizontal components
 - (d) design and placing of windows
 - (e) variations to facades.
- 4 Where a building is sited on or close to a side boundary, the side boundary wall should be sited and limited in length and height to minimise:
 - (a) the visual impact of the building as viewed from adjoining properties
 - (b) overshadowing of adjoining properties and allow adequate sun light to neighbouring buildings.
- 5 Transportable buildings and buildings which are elevated on stumps, posts, piers, columns or the like, should have their suspended footings enclosed around the perimeter of the building with brickwork or timber, and the use of verandas, pergolas and other suitable architectural detailing to give the appearance of a permanent structure.
- 6 The external walls and roofs of buildings should not incorporate highly reflective materials which will result in glare.
- 7 Structures located on the roofs of buildings to house plant and equipment should form an integral part of the building design in relation to external finishes, shaping and colours.
- 8 Building design should emphasise pedestrian entry points to provide perceptible and direct access from public street frontages and vehicle parking areas.
- 9 Development should provide clearly recognisable links to adjoining areas and facilities.

- 10 Buildings, landscaping, paving and signage should have a co-ordinated appearance that maintains and enhances the visual attractiveness of the locality.
- 11 Buildings (other than ancillary buildings or group dwellings) should be designed so that their main façade faces the primary street frontage of the land on which they are situated.
- 12 Where applicable, development should incorporate verandas over footpaths to enhance the quality of the pedestrian environment.
- 13 Development should be designed and sited so that outdoor storage, loading and service areas are screened from public view by an appropriate combination of built form, solid fencing and/or landscaping.
- 14 Outdoor lighting should not result in light spillage on adjacent land.
- 15 Balconies should:
 - (a) be integrated with the overall architectural form and detail of the building
 - (b) be sited to face predominantly north, east or west to provide solar access
 - (c) have a minimum area of 2 square metres.
- 16 Buildings should not use second-hand or re-used materials as external cladding but be reclad with new materials or, where the existing cladding is of good quality and condition, the external surfaces are painted a neutral shade that complements the appearance and amenity of its setting.

Building Setbacks from Road Boundaries

- 17 The setback of buildings from public roads should:
 - (a) be similar to, or compatible with, setbacks of buildings on adjoining land and other buildings in the locality
 - (b) contribute positively to the streetscape character of the locality
 - (c) not result in or contribute to a detrimental impact upon the function, appearance or character of the locality.
- 18 Except where specified in a particular zone, policy area or precinct, the main face of a building should be setback from the primary road frontage in accordance with the following table:

Setback difference between buildings on adjacent allotments	Setback of new building
Up to 2 metres	The same setback as one of the adjacent buildings, as illustrated below:
	a = 6m b = 8m

When b - $a \le 2$, setback of new dwelling = a or b

Greater than 2 metres At least the average setback of the adjacent buildings.

- 19 Except where specified in a particular zone, policy area, or precinct, buildings and structures should be setback from road boundaries having regard to the requirements set out in <u>Table NtA/1 Building</u> <u>Setbacks from Road Boundaries</u>.
- 20 Except where specified in a zone, policy area or precinct, the setback of development from a secondary street frontage should reflect the setbacks of the adjoining buildings and other buildings in the locality.

Energy Efficiency

- 1 Development designed and sited to conserve energy, and minimise waste.
- 2 Development that provides for on-site power generation including photovoltaic cells and wind power.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Development should provide for efficient solar access to buildings and open space all year around.
- 2 Buildings should be sited and designed:
 - (a) to ensure adequate natural light and winter sunlight is available to the main activity areas of adjacent buildings
 - (b) so that open spaces associated with the main activity areas face north for exposure to winter sun.

On-site Energy Generation

- 3 Development should facilitate the efficient use of photovoltaic cells and solar hot water systems by:
 - (a) taking into account overshadowing from neighbouring buildings
 - (b) designing roof orientation and pitches to maximise exposure to direct sunlight.
- 4 Public infrastructure, including lighting and telephones, should be designed to generate and use renewable energy.

Forestry

OBJECTIVES

1 Forestry development that is designed and sited to maximise environmental and economic benefits whilst managing potential negative impacts on the environment, transport networks and surrounding land uses and landscapes.

- 1 Forestry plantations should not be undertaken if they will cause or require the clearance of valued trees or substantially intact strata of vegetation, or detrimentally affect the physical environment or scenic quality of the rural landscape.
- 2 Forestry plantations should not occur:
 - (a) on land with a slope exceeding 20 degrees
 - (b) within a separation distance (which may include forestry firebreaks and vehicle access tracks) of 50 metres of either of the following:
 - (i) any dwelling including those on an adjoining allotment
 - (ii) a reserve gazetted under the National Parks and Wildlife Act 1972 or Wilderness Protection Act 1992.
- 3 Forestry plantations should:
 - (a) not involve cultivation (excluding spot cultivation) in drainage lines or within 20 metres of a major watercourse (a third order or higher watercourse)
 - (b) incorporate artificial drainage lines (ie culverts, runoffs and constructed drains) integrated with natural drainage lines to minimise concentrated water flows onto or from plantation areas
 - (c) retain a minimum 5 metre width separation distance immediately to either side of a watercourse (a first or second order watercourse). This separation distance should contain locally indigenous vegetation (including grasses) and unmodified topography to ensure water flow.
- 4 Forestry plantations should incorporate:
 - (a) 7 metre wide external boundary firebreaks for plantations of 40 hectares or less
 - (b) 10 metre wide external boundary firebreaks for plantations of between 40 and 100 hectares
 - (c) 20 metre wide external boundary firebreaks, or 10 metres with an additional 10 metres of fuelreduced plantation, for plantations of 100 hectares or greater.
- 5 Forestry plantations should incorporate vehicle access tracks:
 - (a) within all firebreaks
 - (b) of a minimum width of 7 metres with a vertical clearance of 4 metres
 - (c) that are aligned to provide straight through access at junctions, or if they are a no through access track they are appropriately signposted and provide suitable turnaround areas for fire fighting vehicles

- (d) that partition the plantation into units not exceeding 40 hectares in area.
- 6 Forestry plantations should ensure the clearances from power lines listed in the Table following are maintained when planting trees with an expected mature height of more than 6 metres:

Voltage of transmission line	Tower or Pole	Minimum horizontal clearance distance between plantings and transmission lines (in metres)
500 kV	Tower	38
275 kV	Tower	25
132 kV	Tower	20
132 kV	Pole	20
66 kV	Pole	20
Less than 66 kV	Pole	20

Hazards

OBJECTIVES

- 1 Maintenance of the natural environment and systems by limiting development in areas susceptible to natural hazard risk.
- 2 Development located away from areas that are vulnerable to, and cannot be adequately and effectively protected from the risk of natural hazards.
- 3 Critical community facilities such as hospitals, emergency control centres, major service infrastructure facilities, and emergency service facilities located where they are not exposed to natural hazard risks.
- 4 Development located and designed to minimise the risks to safety and property from flooding.
- 5 Development located to minimise the threat and impact of bushfires on life and property.
- 6 Expansion of existing non-rural uses directed away from areas of high bushfire risk.
- 7 The environmental values and ecological health of receiving waterways and marine environments protected from the release of acid water resulting from the disturbance of acid sulphate soils.
- 8 Protection of human health and the environment wherever site contamination has been identified or suspected to have occurred.
- 9 Appropriate assessment and remediation of site contamination to ensure land is suitable for the proposed use and provides a safe and healthy living and working environment.
- 10 Minimisation of harm to life, property and the environment through appropriate location of development and appropriate storage, containment and handling of hazardous materials.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Development should be excluded from areas that are vulnerable to, and cannot be adequately and effectively protected from, the risk of hazards.
- 2 Development located on land subject to hazards as shown on the Overlay Maps Development Constraints should not occur unless it is sited, designed and undertaken with appropriate precautions being taken against the relevant hazards.
- 3 There should not be any significant interference with natural processes in order to reduce the exposure of development to the risk of natural hazards.

Flooding

- 4 Development should not occur on land where the risk of flooding is likely to be harmful to safety or damage property.
- 5 Development should not be undertaken in areas liable to inundation by tidal, drainage or flood waters unless the development can achieve all of the following:
 - (a) it is developed with a public stormwater system capable of catering for a 1-in-100 year average return interval flood event
 - (b) buildings are designed and constructed to prevent the entry of floodwaters in a 1-in-100 year average return interval flood event.

- 6 Development, including earthworks associated with development, should not do any of the following:
 - (a) impede the flow of floodwaters through the land or other surrounding land
 - (b) increase the potential hazard risk to public safety of persons during a flood event
 - (c) aggravate the potential for erosion or siltation or lead to the destruction of vegetation during a flood
 - (d) cause any adverse effect on the floodway function
 - (e) increase the risk of flooding of other land
 - (f) obstruct a watercourse.
- 7 The floor area of buildings located within an area affected by a 1-in-100 year average return interval flood event should be a minimum of 600 millimetres above ground level.
- 8 Wastewater disposal systems including irrigation areas should be located outside areas affected by a 1in-100 year average return interval flood event.

Bushfire

- 9 The following bushfire protection principles of development control apply to development of land identified as General, Medium and High bushfire risk areas as shown on the *Bushfire Protection Area BPA Maps Bushfire Risk.*
- 10 Development in a Bushfire Protection Area should be in accordance with those provisions of the *Minister's Code: Undertaking development in Bushfire Protection Areas* that are designated as mandatory for Development Plan Consent purposes.
- 11 Buildings and structures should be located away from areas that pose an unacceptable bushfire risk as a result of one or more of the following:
 - (a) vegetation cover comprising trees and/or shrubs
 - (b) poor access
 - (c) rugged terrain
 - (d) inability to provide an adequate building protection zone
 - (e) inability to provide an adequate supply of water for fire fighting purposes.
- 12 Residential, tourist accommodation and other habitable buildings should:
 - (a) be sited on the flatter portion of allotments and avoid steep slopes, especially upper slopes, narrow ridge crests and the tops of narrow gullies, and slopes with a northerly or westerly aspect
 - (b) be sited in areas with low bushfire hazard vegetation and set back at least 20 metres from existing hazardous vegetation
 - (c) have a dedicated and accessible water supply available at all times for fire fighting.
- 13 Extensions to existing buildings, outbuildings and other ancillary structures should be sited and constructed using materials to minimise the threat of fire spread to residential, tourist accommodation and other habitable buildings in the event of bushfire.
- 14 Buildings and structures should be designed and configured to reduce the impact of bushfire through using simple designs that reduce the potential for trapping burning debris against the building or structure, or between the ground and building floor level in the case of transportable buildings.

- 15 Land division for residential or tourist accommodation purposes within areas of high bushfire risk should be limited to those areas specifically set aside for these uses.
- 16 Where land division does occur it should be designed to:
 - (a) minimise the danger to residents, other occupants of buildings and fire fighting personnel
 - (b) minimise the extent of damage to buildings and other property during a bushfire
 - (c) ensure each allotment contains a suitable building site that is located away from vegetation that would pose an unacceptable risk in the event of bushfire
 - (d) ensure provision of a fire hazard separation zone isolating residential allotments from areas that pose an unacceptable bushfire risk by containing the allotments within a perimeter road or through other means that achieve an adequate separation.
- 17 Vehicle access and driveways to properties and public roads created by land division should be designed and constructed to:
 - (a) facilitate safe and effective operational use for fire fighting and other emergency vehicles and residents
 - (b) provide for two-way vehicular access between areas of fire risk and the nearest public road.
- 18 Olive orchards should be located and developed in a manner that minimises their potential to fuel bushfires.

Salinity

- 19 Development should not increase the potential for, or result in an increase in, soil and water salinity.
- 20 Preservation, maintenance and restoration of locally indigenous plant species should be encouraged in areas affected by dry land salinity.
- 21 Irrigated horticulture and pasture should not increase groundwater-induced salinity.

Acid Sulfate Soils

- 22 Development and activities, including excavation and filling of land, that may lead to the disturbance of potential or actual acid sulfate soils should be avoided unless such disturbances are managed in a way that effectively avoids the potential for harm or damage to any of the following:
 - (a) natural water bodies and wetlands
 - (b) agricultural or aquaculture activities
 - (c) buildings, structures and infrastructure
 - (d) public health.
- 23 Development, including primary production, aquaculture activities and infrastructure, should not proceed unless it can be demonstrated that the risk of releasing acid water resulting from the disturbance of acid sulfate soils is minimal.

Site Contamination

24 Development, including land division, should not occur where site contamination has occurred unless the site has been assessed and remediated as necessary to ensure that it is suitable and safe for the proposed use.

Containment of Chemical and Hazardous Materials

- 25 Hazardous materials should be stored and contained in a manner that minimises the risk to public health and safety and the potential for water, land or air contamination.
- 26 Development that involves the storage and handling of hazardous materials should ensure that these are contained in designated areas that are secure, readily accessible to emergency vehicles, impervious, protected from rain and stormwater intrusion and other measures necessary to prevent:
 - (a) discharge of polluted water from the site
 - (b) contamination of land
 - (c) airborne migration of pollutants
 - (d) potential interface impacts with sensitive land uses.

Landslip

- 27 Development, including associated cut and fill activities, should not lead to an increased danger from land surface instability or to the potential of landslip occurring on the site or on surrounding land.
- 28 Development on steep slopes should promote the retention and replanting of vegetation as a means of stabilising and reducing the possibility of surface movement or disturbance.
- 29 Development in areas susceptible to landslip should:
 - (a) incorporate split level designs to minimise cutting into the slope
 - (b) ensure that cut and fill and heights of faces are minimised
 - (c) ensure cut and fill is supported with engineered retaining walls or are battered to appropriate grades
 - (d) control any erosion that will increase the gradient of the slope and decrease stability
 - (e) ensure the siting and operation of an effluent drainage field does not contribute to landslip
 - (f) provide drainage measures to ensure surface stability is not compromised
 - (g) ensure natural drainage lines are not obstructed.

Heritage Places

OBJECTIVES

- 1 The conservation of State and local heritage places.
- 2 The continued use, or adaptive re-use of State and local heritage places that supports the conservation of their cultural significance.
- 3 Conservation of the setting of State and local heritage places.

- 1 A heritage place spatially located on Overlay Maps Heritage and more specifically identified in <u>Table</u> <u>NtA/3 - State Heritage Places</u> should not be demolished, destroyed or removed, in total or in part, unless either of the following apply:
 - (a) that portion of the place to be demolished, destroyed or removed is excluded from the extent of the places identified in the Table
 - (b) the structural condition of the place represents an unacceptable risk to public or private safety.
- 2 Development of a State or local heritage place should retain those elements contributing to its heritage value, which may include (but not be limited to):
 - (a) principal elevations
 - (b) important vistas and views to and from the place
 - (c) setting and setbacks
 - (d) building materials
 - (e) outbuildings and walls
 - (f) trees and other landscaping elements
 - (g) access conditions (driveway form/width/material)
 - (h) architectural treatments
 - (i) the use of the place.
- 3 Development of a State or local heritage place should be compatible with the heritage value of the place.
- 4 Original unpainted plaster, brickwork, stonework, or other masonry of existing State or local heritage places should be preserved, unpainted.
- 5 New buildings should not be placed or erected between the front street boundary and the façade of existing State or local heritage places.
- 6 Development that materially affects the context within which the heritage place is situated should be compatible with the heritage place. It is not necessary to replicate historic detailing, however design elements that should be compatible include, but are not limited to:

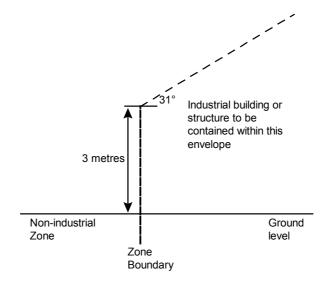
- (a) scale and bulk
- (b) width of frontage
- (c) boundary setback patterns
- (d) proportion and composition of design elements such as rooflines, openings, fencing and landscaping
- (e) colour and texture of external materials.
- 7 The introduction of advertisements and signage to a State or local heritage place should:
 - (a) be placed on discrete elements of its architecture such as parapets and wall panels, below the canopy, or within fascias and infill end panels and windows
 - (b) not conceal or obstruct historical detailing of the heritage place
 - (c) not project beyond the silhouette or skyline of the heritage place
 - (d) not form a dominant element of the place.
- 8 The division of land adjacent to or containing a State or local heritage place should occur only where it will:
 - (a) create an allotment pattern that maintains or reinforces the integrity of the heritage place and the character of the surrounding area
 - (b) create an allotment or allotments of a size and dimension that can accommodate new development that will reinforce and complement the heritage place and the zone or policy area generally
 - (c) be of a size and dimension that will enable the siting and setback of new buildings from allotment boundaries so that they do not overshadow, dominate, encroach on or otherwise impact on the setting of the heritage place
 - (d) provide an area for landscaping of a size and dimension that complements the landscape setting of the heritage place and the landscape character of the locality
 - (e) enable the State or local heritage place to have a curtilage of a size sufficient to protect its setting.

Industrial Development

OBJECTIVES

- 1 Industrial, warehouse, storage, commercial and transport distribution development on appropriately located land, integrated with transport networks and designed to minimise potential impact on these networks.
- 2 Industrially zoned allotments and uses protected from encroachment by adjoining uses that would reduce industrial development or expansion.
- 3 Industrial development occurring without adverse effects on the health and amenity of occupiers of land in adjoining zones.
- 4 Compatibility between industrial uses within industrial zones.
- 5 The improved amenity of industrial areas.

- 1 Offices and showrooms associated with industrial, warehouse, storage, commercial and transport development should be sited at the front of the building with direct and convenient pedestrian access from the main visitor parking area.
- 2 Any building or structure on, or abutting the boundary of, a non-industrial zone should be restricted to a height of 3 metres above ground level at the boundary and a plane projected at 31 degrees above the horizontal into the development site from that 3 metre height, as shown in the following diagram:



- 3 Industrial development should enable all vehicles to enter and exit the site in a forward direction, where practical.
- 4 Industrial development abutting an arterial road, a non-industrial zone boundary, or significant open space should be developed in a manner that does not create adverse visual impacts on the locality.
- 5 Building facades facing a non-industrial zone, public road, or public open space should:
 - (a) use a variety of building finishes

- (b) not consist solely of metal cladding
- (c) contain materials of low reflectivity
- (d) incorporate design elements to add visual interest
- (e) avoid large expanses of blank walls.
- 6 Industrial development should minimise significant adverse impact on adjoining uses due to hours of operation, traffic, noise, fumes, smell, dust, paint or other chemical over-spray, vibration, glare or light spill, electronic interference, ash or other harmful or nuisance-creating impacts.
- 7 Landscaping should be incorporated as an integral element of industrial development along nonindustrial zone boundaries.
- 8 Fencing (including colour-coated wire mesh fencing) adjacent to public roads should be setback in one of the following ways:
 - (a) in line with the building façade
 - (b) behind the building line
 - (c) behind a landscaped area that softens its visual impact.

Infrastructure

OBJECTIVES

- 1 Infrastructure provided in an economical and environmentally sensitive manner.
- 2 Infrastructure, including social infrastructure, provided in advance of need.
- 3 Suitable land for infrastructure identified and set aside in advance of need.
- 4 The visual impact of infrastructure facilities minimised.
- 5 The efficient and cost-effective use of existing infrastructure.

- 1 Development should not occur without the provision of adequate utilities and services, including:
 - (a) electricity supply
 - (b) water supply
 - (c) drainage and stormwater systems
 - (d) waste disposal
 - (e) effluent disposal systems
 - (f) formed all-weather public roads
 - (g) telecommunications services
 - (h) social infrastructure, community services and facilities
 - (i) gas services.
- 2 Development should only occur where it provides, or has access to, relevant easements for the supply of infrastructure.
- 3 Development should incorporate provision for the supply of infrastructure services to be located within common service trenches where practicable.
- 4 Development should not take place until adequate and co-ordinated drainage of the land is assured.
- 5 Development in urban areas should not occur without provision of an adequate reticulated domestic quality mains water supply and an appropriate waste treatment system.
- 6 In areas where no reticulated water supply is available, buildings whose usage is reliant on a water supply should be equipped with an adequate and reliable on-site water storage system and, in particular, new residential development being provided with a rain water tank with a capacity of at least 22 500 litres to be available exclusively for the domestic needs of occupants.
- 7 Urban development should not be dependent on an indirect water supply.

- 8 Electricity infrastructure should be designed and located to minimise its visual and environmental impacts.
- 9 In urban areas, electricity supply serving new development should be installed underground.
- 10 Utilities and services, including access roads and tracks, should be sited on areas already cleared of native vegetation. If this is not possible, their siting should cause minimal interference or disturbance to existing native vegetation and biodiversity.
- 11 Utility buildings and structures should be grouped with non-residential development where possible.
- 12 Development in proximity to infrastructure facilities should be sited and be of a scale to ensure adequate separation to protect people and property.

Interface between Land Uses

OBJECTIVES

- 1 Development located and designed to prevent adverse impact and conflict between land uses.
- 2 Protect community health and amenity and support the operation of all desired land uses.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Development should not detrimentally affect the amenity of the locality or cause unreasonable interference through any of the following:
 - (a) the emission of effluent, odour, smoke, fumes, dust or other airborne pollutants
 - (b) noise
 - (c) vibration
 - (d) electrical interference
 - (e) light spill
 - (f) glare
 - (g) hours of operation
 - (h) traffic impacts.
- 2 Development should be sited and designed to minimise negative impact on existing and potential future land uses considered appropriate in the locality.
- 3 Development adjacent to a Residential Zone or residential area within a Township Zone should be designed to minimise overlooking and overshadowing of nearby residential properties.
- 4 Residential development adjacent to non-residential zones and land uses should be located, designed and/or sited to protect residents from potential adverse impacts from non-residential activities.
- 5 Sensitive uses likely to conflict with the continuation of lawfully existing developments and land uses considered appropriate for the zone should not be developed or should be designed to minimise negative impacts.

Noise

- 6 Development should be sited, designed and constructed to minimise negative impacts of noise and to avoid unreasonable interference.
- 7 Development should be consistent with the relevant provisions in the current Environment Protection (Noise) Policy.

Rural Interface

- 8 The potential for adverse impacts resulting from rural development should be minimised by:
 - (a) not locating horticulture or intensive animal keeping on land adjacent to townships

- (b) maintaining an adequate separation between horticulture or intensive animal keeping and townships, other sensitive uses and, where desirable, other forms of primary production.
- 9 Traffic movement, spray drift, dust, noise, odour, and the use of frost fans and gas guns associated with primary production activities should not lead to unreasonable impact on adjacent land users.
- 10 Existing primary production uses and mineral extraction should not be prejudiced by the inappropriate encroachment of sensitive uses such as urban development.
- 11 Development within 300 metres of facilities for the handling, transportation and storage of bulk commodities should:
 - (a) not prejudice the continued operation of those facilities
 - (b) be located, designed, and developed having regard to the potential environmental impact arising from the operation of such facilities and the potential extended operation of activities.

Land Division

OBJECTIVES

- 1 Land division that occurs in an orderly sequence allowing efficient provision of new infrastructure and facilities and making optimum use of existing under utilised infrastructure and facilities.
- 2 Land division that creates allotments appropriate for the intended use.
- 3 Land division layout that is optimal for energy efficient building orientation.
- 4 Land division that is integrated with site features, including landscape and environmental features, adjacent land uses, the existing transport network and the availability of infrastructure.
- 5 Land division restricted in rural areas to ensure the efficient use of rural land for primary production and avoidance of uneconomic infrastructure provision.

- 1 When land is divided:
 - (a) stormwater should be capable of being drained safely and efficiently from each proposed allotment and disposed of from the land in an environmentally sensitive manner
 - (b) a sufficient water supply should be made available for each allotment
 - (c) provision should be made for the disposal of wastewater, sewage and other effluent from each allotment without risk to health
 - (d) proposed roads should be graded, or be capable of being graded to connect safely and conveniently with an existing road or thoroughfare.
- 2 Land should not be divided if any of the following apply:
 - (a) the size, shape, location, slope or nature of the land makes any of the allotments unsuitable for the intended use
 - (b) any allotment will not have a frontage to one of the following:
 - (i) an existing road
 - (ii) a proposed public road
 - (iii) access to a public road via an internal roadway in a plan of community division
 - (c) the intended use of the land is likely to require excessive cut and/or fill
 - (d) it is likely to lead to undue erosion of the subject land or land within the locality
 - (e) the township wastewater treatment plant to which subsequent development will be connected does not have sufficient capacity to handle the additional wastewater volumes and pollutant loads generated by such development
 - (f) the area is unsewered and cannot accommodate an appropriate onsite wastewater disposal system within the allotment that complies with (or can comply with) the relevant public and environmental health legislation applying to the intended use(s)

(g) any allotments will straddle more than one zone or policy area.

Design and Layout

- 3 Land divisions should be designed to ensure that areas of native vegetation and wetlands:
 - (a) are not fragmented or reduced in size
 - (b) do not need to be cleared as a consequence of subsequent development.
- 4 The design of a land division should incorporate:
 - (a) roads, thoroughfares and open space that result in safe and convenient linkages with the surrounding environment, including public and community transport facilities, and which, where necessary, facilitate the satisfactory future division of land and the inter-communication with neighbouring localities
 - (b) safe and convenient access from each allotment to an existing or proposed public road or thoroughfare
 - (c) areas to provide appropriate separation distances between potentially conflicting land uses and/or zones
 - (d) suitable land set aside for usable local open space
 - (e) public utility services within road reserves and where necessary within dedicated easements
 - (f) the preservation of significant natural, cultural or landscape features including State and local heritage places
 - (g) protection for existing vegetation and drainage lines
 - (h) where appropriate, the amalgamation of smaller allotments to ensure co-ordinated and efficient site development.
- 5 Land division should facilitate optimum solar access for energy efficiency.
- 6 Land division within an area identified as being an 'Excluded Area from Bushfire Protection Planning Provisions' as shown on *Bushfire Protection Area BPA Maps - Bushfire Risk* should be designed to make provisions for:
 - (a) emergency vehicle access through to the Bushfire Protection Area and other areas of open space connected to it
 - (b) a mainly continuous street pattern serving new allotments that eliminates the use of cul-de-sacs or dead end roads
 - (c) a fire hazard separation zone isolating residential allotments from areas that pose an unacceptable bushfire risk by containing the allotments within a perimeter road or through other means that achieve an adequate separation.
- 7 Allotments in the form of a battleaxe configuration should:
 - (a) have an area of consistent with the requirements set out in the relevant zone (excluding the area of the 'handle' of such an allotment)
 - (b) provide for an access onto a public road, with the driveway 'handle' being not less than 5 metres in width nor more than 50 metres in length

- (c) contain sufficient area on the allotment for a vehicle to turn around to enable it to egress the allotment in a forward direction
- (d) not be created where it would lead to multiple access points onto a road which would dominate or adversely affect the amenity of the streetscape
- (e) be avoided where their creation would be incompatible with the prevailing pattern of development.
- 8 Allotments should have an orientation, size and configuration to encourage development that:
 - (a) minimises the need for earthworks and retaining walls
 - (b) maintains natural drainage systems
 - (c) faces abutting streets and open spaces
 - (d) does not require the removal of native vegetation to facilitate that development
 - (e) will not overshadow, dominate, encroach on or otherwise detrimentally affect the setting of the surrounding locality.
- 9 Within defined townships and settlements where the land to be divided borders a river, lake, wetland or creek, the land adjoining the bank should become public open space and linked with an existing or proposed pedestrian or transport network.
- 10 Within defined townships and settlements land division should make provision for a reserve or an area of open space that is at least 25 metres wide from the top of the bank of a watercourse and that incorporates land within the 1-in-100 year average return interval flood event area.
- 11 The layout of a land division should keep flood-prone land free from development.
- 12 The arrangement of roads, allotments, reserves and open space should enable the provision of a stormwater management drainage system that:
 - (a) contains and retains all watercourses, drainage lines and native vegetation
 - (b) enhances amenity
 - (c) integrates with the open space system and surrounding area.

Roads and Access

- 13 Road reserves should be of a width and alignment that can:
 - (a) provide for safe and convenient movement and parking of projected volumes of vehicles and other users
 - (b) provide for footpaths, cycle lanes and shared-use paths for the safety and convenience of residents and visitors
 - (c) allow vehicles to enter or reverse from an allotment or site in a single movement allowing for a car parked on the opposite side of the street
 - (d) accommodate street tree planting, landscaping and street furniture
 - (e) accommodate the location, construction and maintenance of stormwater drainage and public utilities
 - (f) provide unobstructed, safe and efficient vehicular access to individual allotments and sites

- (g) allow for the efficient movement of service and emergency vehicles.
- 14 The design of the land division should facilitate the most direct route to local facilities for pedestrians and cyclists and enable footpaths, cycle lanes and shared-use paths to be provided of a safe and suitable width and reasonable longitudinal gradient.
- 15 The layout of land divisions should result in roads designed and constructed to ensure:
 - (a) that traffic speeds and volumes are restricted where appropriate by limiting street length and/or the distance between bends and slow points
 - (b) there are adequate sight distances for motorists at intersections, junctions, pedestrian and cyclist crossings, and crossovers to allotments to ensure the safety of all road users and pedestrians
 - (c) that existing dedicated cycling and walking routes are not compromised.
- 16 The design of the land division should provide space sufficient for on-street visitor car parking for the number and size of allotments, taking account of:
 - (a) the size of proposed allotments and sites and opportunities for on-site parking
 - (b) the availability and frequency of public and community transport
 - (c) on-street parking demand likely to be generated by nearby uses.
- 17 The layout of land divisions should incorporate street patterns designed to enhance the efficient movement of traffic and minimise trip lengths.

Land Division in Rural Areas

- 18 Rural land should not be divided if the resulting allotments would be of a size and configuration likely to impede the efficient use of rural land for any of the following:
 - (a) primary production
 - (b) value adding industries related to primary production
 - (c) protection of natural resources.
- 19 Rural land should not be divided where new allotments would result in any of the following:
 - (a) fragmentation of productive primary production land
 - (b) strip development along roads or water mains
 - (c) prejudice against the proper and orderly development of townships
 - (d) removal of native vegetation for allotment boundaries, access roads, infrastructure, dwellings and other buildings or firebreaks.

Landscaping, Fences and Walls

OBJECTIVES

- 1 The amenity of land and development enhanced with appropriate planting and other landscaping works, using locally indigenous plant species where possible.
- 2 Functional fences and walls that enhance the attractiveness of development.

- 1 Development should incorporate open space and landscaping and minimise hard paved surfaces in order to:
 - (a) complement built form and reduce the visual impact of larger buildings (eg taller and broader plantings against taller and bulkier building components)
 - (b) enhance the appearance of road frontages
 - (c) screen service yards, loading areas and outdoor storage areas
 - (d) minimise maintenance and watering requirements
 - (e) enhance and define outdoor spaces, including car parking areas
 - (f) maximise shade and shelter
 - (g) assist in climate control within and around buildings
 - (h) minimise heat absorption and reflection
 - (i) maintain privacy
 - (j) maximise stormwater re-use
 - (k) complement existing vegetation, including native vegetation.
 - (I) contribute to the viability of ecosystems and species
 - (m) promote water and biodiversity conservation.
- 2 Landscaping should:
 - (a) include the planting of locally indigenous species where appropriate
 - (b) be oriented towards the street frontage
 - (c) result in the appropriate clearance from powerlines and other infrastructure being maintained.
- 3 Landscaping should not:
 - (a) unreasonably restrict solar access to adjoining development
 - (b) cause damage to buildings, paths and other landscaping from root invasion, soil disturbance or plant overcrowding

- (c) introduce pest plants
- (d) increase the risk of bushfire
- (e) remove opportunities for passive surveillance
- (f) increase leaf fall in watercourses
- (g) increase the risk of weed invasion.
- 4 Fences and walls, including retaining walls, should:
 - (a) not result in damage to neighbouring trees
 - (b) be compatible with the associated development and with existing predominant, attractive fences and walls in the locality
 - (c) enable some visibility of buildings from and to the street to enhance safety and allow casual surveillance
 - (d) incorporate articulation or other detailing where there is a large expanse of wall facing the street
 - (e) assist in highlighting building entrances
 - (f) be sited and limited in height, to ensure adequate sight lines for motorists and pedestrians especially on corner sites
 - (g) in the case of side and rear boundaries, be of sufficient height to maintain privacy and/or security without adversely affecting the visual amenity or access to sunlight of adjoining land
 - (h) be constructed of non-flammable materials.
- 5 Fencing should be open in form to allow cross ventilation and access to sunlight.

Mineral Extraction

OBJECTIVES

- 1 Development of mining activities in a way that contributes to the sustainable growth of the industry.
- 2 Protection of mineral deposits against intrusion by inappropriate forms of development.
- 3 Areas with scenic or conservation significance protected from undue damage arising from mining operations.
- 4 Mining operations undertaken with minimal adverse impacts on the environment and on the health and amenity of adjacent land uses.
- 5 Minimisation of the impacts from mining activities upon the existing groundwater level and the quality of groundwater resources.
- 6 Mining operations that make adequate provision for site rehabilitation.

- 1 Known reserves of economically-viable mineral deposits should be kept free of development that may inhibit their future exploitation.
- 2 Development in proximity to mining operations should not be undertaken where it may be exposed to adverse impacts resulting from mining activities.
- 3 Mining in scenic and native vegetation areas should only be undertaken if:
 - (a) the proposed location is the best site in regard to minimising loss of amenity, degradation of the landscape and loss of native vegetation
 - (b) there are a limited number of known reserves of the minerals in the area or elsewhere in the State
 - (c) the extraction and transportation of materials from alternative sites to principal centres of consumption carry significantly higher costs
 - (d) the site is capable of restoration with locally indigenous plant species to counter the long-term impact on the landscape and biodiversity.
- 4 Stormwater and/or wastewater from land used for mining should be diverted into a silt retention structure so that it can be re-used on-site for purposes such as truck wash-down, dust control, washing of equipment and landscape irrigation or for disposal off-site in an environmentally responsible manner.
- 5 Access to land used for mining should be sited and designed to accommodate heavy-vehicle traffic and ensure the safety of all road users.
- 6 Mining operations should:
 - (a) ensure that minimal damage is caused to the landscape
 - (b) minimise the area required for operations, and provide for the progressive reclamation of disturbed areas
 - (c) minimise disturbance to natural hydrological systems.

Separation Treatments, Buffers and Landscaping

- 7 Mining development should be sited, designed and sequenced to protect the amenity of surrounding land uses from environmental nuisance such as dust or vibration emanating from mining operations.
- 8 Mining operations that are likely to impact upon the amenity of the locality should incorporate a separation distance and/or mounding/vegetation between the mining operations (including stockpiles) and adjoining allotments to help minimise exposure to those potential impacts.
- 9 Quarry faces should be orientated away from public view.
- 10 Screening of mining areas should occur in advance of extraction commencing.
- 11 An area of densely vegetated and/or mounded land should be established around the perimeter of mining sites in order to screen excavated land and mineral processing facilities from all of the following:
 - (a) residential areas
 - (b) tourist areas
 - (c) tourist routes
 - (d) scenic routes.
- 12 Screen planting around mining operations should incorporate a mixture of trees and shrubs that:
 - (a) contribute to an attractive landscape
 - (b) suit local soil and climatic conditions
 - (c) are fast growing and/or have a long life expectancy
 - (d) are locally indigenous species.
- 13 Borrow pits for road making materials should be sited so as to cause the minimum effect on their surroundings.

Natural Resources

OBJECTIVES

- 1 Retention, protection and restoration of the natural resources and environment.
- 2 Protection of the quality and quantity of South Australia's surface waters, including inland, and underground waters.
- 3 The ecologically sustainable use of natural resources including water resources, including ground water, surface water and watercourses.
- 4 Natural hydrological systems and environmental flows reinstated, and maintained and enhanced.
- 5 Development consistent with the principles of water sensitive design...
- 6 Development sited and designed to:
 - (a) protect natural ecological systems
 - (b) achieve the sustainable use of water
 - (c) protect water quality, including receiving waters
 - (d) reduce runoff and peak flows and prevent the risk of downstream flooding
 - (e) minimise demand on reticulated water supplies
 - (f) maximise the harvest and use of stormwater
 - (g) protect stormwater from pollution sources.
- 7 Storage and use of stormwater which avoids adverse impact on public health and safety.
- 8 Native flora, fauna and ecosystems protected, retained, conserved and restored.
- 9 Restoration, expansion and linking of existing native vegetation to facilitate habitat corridors for ease of movement of fauna.
- 10 Minimal disturbance and modification of the natural landform.
- 11 Protection of the physical, chemical and biological quality of soil resources.
- 12 Protection of areas prone to erosion or other land degradation processes from inappropriate development.
- 13 Protection of the scenic qualities of natural and rural landscapes.

- 1 Development should be undertaken with minimum impact on the natural environment, including air and water quality, land, soil, biodiversity, and scenically attractive areas.
- 2 Development should ensure that South Australia's natural assets, such as biodiversity, water and soil, are protected and enhanced.

- 3 Development should not significantly obstruct or adversely affect sensitive ecological areas such as creeks and wetlands.
- 4 Development should be appropriate to land capability and the protection and conservation of water resources and biodiversity.

Water Sensitive Design

- 5 Development should be designed to maximise conservation, minimise consumption and encourage reuse of water resources.
- 6 Development should not take place if it results in unsustainable use of surface or underground water resources.
- 7 Development should be sited and designed to:
 - (a) capture and re-use stormwater, where practical
 - (b) minimise surface water runoff
 - (c) prevent soil erosion and water pollution
 - (d) protect and enhance natural water flows
 - (e) protect water quality by providing adequate separation distances from watercourses and other water bodies
 - (f) not contribute to an increase in salinity levels
 - (g) avoid the water logging of soil or the release of toxic elements
 - (h) maintain natural hydrological systems and not adversely affect:
 - (i) the quantity and quality of groundwater
 - (ii) the depth and directional flow of groundwater
 - (iii) the quality and function of natural springs.
- 8 Water discharged from a development site should:
 - (a) be of a physical, chemical and biological condition equivalent to or better than its pre-developed state
 - (b) not exceed the rate of discharge from the site as it existed in pre-development conditions.
- 9 Development should include stormwater management systems to protect it from damage during a minimum of a 1-in-100 year average return interval flood.
- 10 Development should have adequate provision to control any stormwater over-flow runoff from the site and should be sited and designed to improve the quality of stormwater and minimise pollutant transfer to receiving waters.
- 11 Development should include stormwater management systems to mitigate peak flows and manage the rate and duration of stormwater discharges from the site to ensure the carrying capacities of downstream systems are not overloaded.
- 12 Development should include stormwater management systems to minimise the discharge of sediment, suspended solids, organic matter, nutrients, bacteria, litter and other contaminants to the stormwater system.

- 13 Stormwater management systems should preserve natural drainage systems, including the associated environmental flows.
- 14 Stormwater management systems should:
 - (a) maximise the potential for stormwater harvesting and re-use, either on-site or as close as practicable to the source
 - (b) utilise, but not be limited to, one or more of the following harvesting methods:
 - (i) the collection of roof water in tanks
 - (ii) the discharge to open space, landscaping or garden areas, including strips adjacent to car parks
 - (iii) the incorporation of detention and retention facilities
 - (iv) aquifer recharge.
- 15 Where it is not practicable to detain or dispose of stormwater on site, only clean stormwater runoff should enter the public stormwater drainage system.
- 16 Artificial wetland systems, including detention and retention basins, should be sited and designed to:
 - (a) ensure public health and safety is protected
 - (b) minimise potential public health risks arising from the breeding of mosquitoes.
- 17 Site drainage on sites greater than 600 square metres in area should, where practicable, provide on-site infiltration having regard to the:
 - (a) availability of unbuilt upon or unsealed areas
 - (b) ability of soils to absorb and drain water
 - (c) potential impact on building foundations and footings on or adjacent to the site
 - (d) potential adverse impacts on the level and quality of groundwater
 - (e) ability to safely direct surplus flows to a public street without causing nuisance to adjoining properties.

Water Catchment Areas

- 18 Development should ensure watercourses and their beds, banks, wetlands and floodplains are not damaged or modified and are retained in their natural state, except where modification is required for essential access or maintenance purposes.
- 19 No development should occur where its proximity to a swamp or wetland will damage or interfere with the hydrology or water regime of the swamp or wetland.
- 20 A wetland or low-lying area providing habitat for native flora and fauna should not be drained, except temporarily for essential management purposes to enhance environmental values.
- 21 Along watercourses, areas of remnant native vegetation, or areas prone to erosion, that are capable of natural regeneration should be fenced off to limit stock access.
- 22 Development such as cropping, intensive animal keeping, residential, tourism, industry and horticulture, that increases the amount of surface runoff should include a strip of land at least 20 metres wide measured from the top of existing banks on each side of a watercourse that is:

- (a) fenced to exclude livestock
- (b) kept free of development, including structures, formal roadways or access ways for machinery or any other activity causing soil compaction or significant modification of the natural surface of the land
- (c) revegetated with locally indigenous vegetation comprising trees, shrubs and other groundcover plants to filter runoff so as to reduce the impacts on native aquatic ecosystems and to minimise soil loss eroding into the watercourse.
- 23 Development resulting in the depositing of an object or solid material in a watercourse or floodplain or the removal of bank and bed material should not:
 - (a) adversely affect the migration of aquatic biota
 - (b) adversely affect the natural flow regime
 - (c) cause or contribute to water pollution
 - (d) result in watercourse or bank erosion
 - (e) adversely affect native vegetation upstream or downstream that is growing in or adjacent to a watercourse.
- 24 The location and construction of dams, water tanks and diversion drains should:
 - (a) occur off watercourse
 - (b) not take place in ecologically sensitive areas or on erosion-prone sites
 - (c) provide for low flow by-pass mechanisms to allow for migration of aquatic biota
 - (d) not negatively affect downstream users
 - (e) minimise in-stream or riparian vegetation loss
 - (f) incorporate features to improve water quality (eg wetlands and floodplain ecological communities)
 - (g) protect ecosystems dependent on water resources.
- 25 Irrigated horticulture and pasture should not increase groundwater-induced salinity.
- 26 Development should comply with the current Environment Protection (Water Quality) Policy.

Biodiversity and Native Vegetation

- 27 Development should retain existing areas of native vegetation and where possible contribute to revegetation using locally indigenous plant species.
- 28 Development should be designed and sited to minimise the loss and disturbance of native flora and fauna.
- 29 The provision of services, including power, water, effluent and waste disposal, access roads and tracks should be sited on areas already cleared of native vegetation.
- 30 Native vegetation should be conserved and its conservation value and function not compromised by development if the native vegetation does any of the following:
 - (a) provides an important habitat for wildlife or shade and shelter for livestock

- (b) has a high plant species diversity or includes rare, vulnerable or endangered plant species or plant associations and communities
- (c) provides an important seed bank for locally indigenous vegetation
- (d) has high amenity value and/or significantly contributes to the landscape quality of an area, including the screening of buildings and unsightly views
- (e) has high value as a remnant of vegetation associations characteristic of a district or region prior to extensive clearance for agriculture
- (f) is growing in, or is characteristically associated with a wetland environment.
- 31 Native vegetation should not be cleared if such clearing is likely to lead to, cause or exacerbate any of the following:
 - (a) erosion or sediment within water catchments
 - (b) decreased soil stability
 - (c) soil or land slip
 - (d) deterioration in the quality of water in a watercourse or surface water runoff
 - (e) a local or regional salinity problem
 - (f) the occurrence or intensity of local or regional flooding.
- 32 Development that proposes the clearance of native vegetation should address or consider the implications that removing the native vegetation will have on the following:
 - (a) provision for linkages and wildlife corridors between significant areas of native vegetation
 - (b) erosion along watercourses and the filtering of suspended solids and nutrients from runoff
 - (c) the amenity of the locality
 - (d) bushfire safety
 - (e) the net loss of native vegetation and other biodiversity.
- 33 Where native vegetation is to be removed, it should be replaced in a suitable location on the site with locally indigenous vegetation to ensure that there is not a net loss of native vegetation and biodiversity.
- 34 Development should be located and occur in a manner which:
 - (a) does not increase the potential for, or result in, the spread of pest plants, or the spread of any nonindigenous plants into areas of native vegetation or a conservation zone
 - (b) avoids the degradation of remnant native vegetation by any other means including as a result of spray drift, compaction of soil, modification of surface water flows, pollution to groundwater or surface water or change to groundwater levels
 - (c) incorporates a separation distance and/or buffer area to protect wildlife habitats and other features of nature conservation significance.
- 35 Development should promote the long-term conservation of vegetation by:
 - (a) avoiding substantial structures, excavations, and filling of land in close proximity to the trunk of trees and beneath their canopies

- (b) minimising impervious surfaces beneath the canopies of trees
- (c) taking other effective and reasonable precautions to protect both vegetation and the integrity of structures and essential services.
- 36 Horticulture involving the growing of olives should be located at least:
 - (a) 500 metres from:
 - (i) a national park
 - (ii) a conservation park
 - (iii) a wilderness protection area
 - (iv) the edge of a substantially intact stratum of native vegetation greater than 5 hectares in area
 - (b) 50 metres from the edge of stands of native vegetation 5 hectares or less in area.
- 37 Horticulture involving the growing of olives should have at least one locally indigenous tree that will grow to a height of at least 7 metres sited at least every 100 metres around the perimeter of the orchard.

Soil Conservation

- 38 Development should not have an adverse impact on the natural, physical, chemical or biological quality and characteristics of soil resources.
- 39 Development should be designed and sited to prevent erosion.
- 40 Development should take place in a manner that will minimise alteration to the existing landform.
- 41 Development should minimise the loss of soil from a site through soil erosion or siltation during the construction phase of any development and following the commencement of an activity.

Open Space and Recreation

OBJECTIVES

- 1 The creation of a network of linked parks, reserves and recreation areas at regional and local levels.
- 2 Pleasant, functional and accessible open spaces providing a range of physical environments.
- 3 A wide range of settings for active and passive recreational opportunities.
- 4 The provision of open space in the following hierarchy:
 - State
 - Regional
 - District
 - Neighbourhood
 - Local.

- 1 Urban development should include public open space and recreation areas.
- 2 Public open space and recreation areas should be of a size, dimension and location that:
 - (a) facilitate a range of formal and informal recreation activities
 - (b) provide for the movement of pedestrians and cyclists
 - (c) incorporate existing vegetation and natural features, watercourses, wildlife habitat and other sites of natural or cultural value
 - (d) link habitats, wildlife corridors, public open spaces and existing recreation facilities
 - (e) enable effective stormwater management
 - (f) provides for the planting and retention of large trees and vegetation.
- 3 Open space should be designed to incorporate:
 - (a) pedestrian, cycle linkages to other open spaces, centres, schools and public transport nodes
 - (b) park furniture, shaded areas and resting places to enhance pedestrian comfort
 - (c) safe crossing points where pedestrian routes intersect the road network
 - (d) easily identified access points
 - (e) frontage to abutting public roads to optimise pedestrian access and visibility
 - (f) re-use of stormwater for irrigation purposes.
- 4 Where practical, access points to regional parks should be located close to public transport.
- 5 District level parks should be at least 3 hectares in size, and provided within 2 kilometres of all households that they serve.

- 6 Neighbourhood parks should be at least 0.5 hectares and generally closer to 1 hectare in size, and provided within 500 metres of households that they serve.
- 7 Local parks should generally be a minimum of 0.2 hectares in size, and should be centrally located within a residential area, close to schools, shops and generally within 300 metres of households that they serve.
- 8 No more than 20 per cent of land allocated as public open space should:
 - (a) have a slope in excess of 1-in-4
 - (b) comprise creeks or other drainage areas.
- 9 Signage should be provided at entrances to and within public open space to provide clear orientation to major points of interest such as the location of public toilets, telephones, safe routes and park activities.
- 10 Buildings in open space, including structures and associated car parking areas, should be designed, located and of a scale that is unobtrusive and does not detract from the desired open space character.
- 11 Development in open space should:
 - (a) be clustered where practical to ensure that the majority of the site remains open
 - (b) where practical, be developed for multi-purpose use
 - (c) be constructed to minimise the extent of hard paved areas.
- 12 Open spaces and recreation areas should be located and designed to maximise safety and security by:
 - (a) ensuring that within urban areas, their edges are overlooked by housing, commercial or other development that can provide effective informal surveillance
 - (b) ensuring fenced parks and playgrounds have more than one entrance or exit when fenced
 - (c) locating play equipment where it can be informally observed by nearby residents and users during times of use
 - (d) clearly defining the perimeters of play areas
 - (e) providing lighting around facilities such as toilets, telephones, seating, litter bins, bike storage and car parks
 - (f) focusing pedestrian and bicycle movement after dark along clearly defined, adequately lit routes with observable entries and exits.
- 13 Landscaping associated with open space and recreation areas should:
 - (a) not compromise the drainage function of any drainage channel
 - (b) provide shade and windbreaks along cyclist and pedestrian routes, around picnic and barbecue areas and seating, and in car parking areas
 - (c) maximise opportunities for informal surveillance throughout the park
 - (d) enhance the visual amenity of the area and complement existing buildings
 - (e) be designed and selected to minimise maintenance costs
 - (f) provide habitat for local fauna.

- 14 Development of recreational activities in areas not zoned for that purpose should be compatible with surrounding activities.
- 15 Recreation facilities development should be sited and designed to minimise negative impacts on the amenity of the locality.

Orderly and Sustainable Development

OBJECTIVES

- 1 Orderly and economical development that creates a safe, convenient and pleasant environment in which to live.
- 2 Development occurring in an orderly sequence and in a compact form to enable the efficient provision of public services and facilities.
- 3 Development that does not jeopardise the continuance of adjoining authorised land uses.
- 4 Development that does not prejudice the achievement of the provisions of the Development Plan.
- 5 Development abutting adjoining Council areas having regard to the policies of that Council's Development Plan.
- 6 Urban development contained within existing townships and settlements and located only in zones designated for such development.

- 1 Development should not prejudice the development of a zone for its intended purpose.
- 2 Land outside of townships and settlements should primarily be used for primary production and conservation purposes.
- 3 The economic base of the region should be expanded in a sustainable manner.
- 4 Urban development should form a compact extension to an existing built-up area.
- 5 Ribbon development should not occur along arterial roads shown in Overlay Maps Transport.
- 6 Development should be located and staged to achieve the economical provision of public services and infrastructure, and to maximise the use of existing services and infrastructure.
- 7 Where development is expected to impact upon the existing infrastructure network (including the transport network), development should demonstrate how the undue effect will be addressed.
- 8 Vacant or underutilised land should be developed in an efficient and co-ordinated manner to not prejudice the orderly development of adjacent land.
- 9 Development should be undertaken in accordance with the following Concept Plan Maps:
 - (a) <u>Concept Plan Map NtA/1 Industrial/Commercial</u>
 - (b) Concept Plan Map NtA/2 Commercial
 - (c) <u>Concept Plan Map NtA/3 Industrial</u>
 - (d) <u>Concept Plan Map NtA/4 Ranges</u>.

Renewable Energy Facilities

OBJECTIVES

- 1 Development of renewable energy facilities that benefit the environment, the community and the state.
- 2 The development of renewable energy facilities, such as wind farms and ancillary development, in areas that provide opportunity to harvest natural resources for the efficient generation of electricity.
- 3 Location, siting, design and operation of renewable energy facilities to avoid or minimise adverse impacts on the natural environment and other land uses.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Renewable energy facilities, including wind farms and ancillary development, should be:
 - (a) located in areas that maximize efficient generation and supply of electricity; and
 - (b) designed and sited so as not to impact on the safety of water or air transport and the operation of ports, airfields and designated landing strips.

Wind Farms and Ancillary Development

- 2 The visual impacts of wind farms and ancillary development (such as substations, maintenance sheds, access roads and wind monitoring masts) should be managed through:
 - (a) wind turbine generators being:
 - (i) setback at least 1000 metres from non-associated (nonstakeholder) dwellings and tourist accommodation
 - (ii) setback at least 2000 metres from defined and zoned township, settlement or urban areas (including deferred urban areas)
 - (iii) regularly spaced
 - (iv) uniform in colour, size and shape and blade rotation direction
 - (v) mounted on tubular towers (as opposed to lattice towers)
 - (b) provision of vegetated buffers around substations, maintenance sheds and other ancillary structures.
- 3 Wind farms and ancillary development should avoid or minimise the following impacts on nearby property owners / occupiers, road users and wildlife:
 - (a) shadowing, flickering, reflection or glint
 - (b) excessive noise
 - (c) interference with television and radio signals and geographic positioning systems
 - (d) interference with low altitude aircraft movements associated with agriculture
 - (e) modification of vegetation, soils and habitats striking of birds and bats.

4 Wind turbine generators should be setback from dwellings, tourist accommodation and frequently visited public places (such as viewing platforms) a distance that will ensure that failure does not present an unacceptable risk to safety.

Residential Development

OBJECTIVES

- 1 Safe, convenient, pleasant and healthy living environments that meet the full range of needs and preferences of the community.
- 2 An increased mix in the range and number of dwelling types available within urban boundaries to cater for changing demographics, particularly smaller household sizes, housing for seniors and supported accommodation.
- 3 Higher dwelling densities in areas close to centres, public and community transport and public open spaces.
- 4 The regeneration of selected areas identified at zone and/or policy area levels.
- 5 Affordable housing and housing for seniors provided in appropriate locations.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Residential allotments and sites should have the appropriate orientation, area, configuration and dimensions to accommodate:
 - (a) the siting and construction of a dwelling and associated ancillary outbuildings
 - (b) the provision of landscaping and private open space
 - (c) convenient and safe vehicle access and off street parking.
- 2 Buildings on battleaxe allotments or the like should be single storey and be designed to maintain the privacy of adjoining properties.
- 3 Residential allotments should be of varying sizes to encourage housing diversity.
- 4 Dwellings constituting affordable housing and housing for seniors should be located to optimise access to shops, social services and facilities, or public transport.

Design and Appearance

- 5 Where a dwelling has direct frontage to a street the dwelling should be designed to provide surveillance and address the street.
- 6 Entries to dwellings should be clearly visible from the streets that they front to enable visitors to identify a specific dwelling easily.
- 7 The design of residential flat buildings should:
 - (a) define individual dwellings in the external appearance of the building
 - (b) provide transitional space around the entry
 - (c) ensure building entrances provide shelter, are visible and easily identifiable from the street.
- 8 The design and location of buildings should ensure that direct winter sunlight is available to adjacent dwellings, with particular consideration given to:

- (a) windows of habitable rooms, particularly living areas
- (b) ground level private open space
- (c) upper-level private balconies that provide the primary open space area for any dwelling
- (d) access to solar energy.
- 9 Development should ensure that north-facing windows to habitable rooms of existing dwelling(s) on the same allotment, and on adjacent allotments, receive at least 3 hours of direct sunlight over a portion of their surface between 9am and 5pm on the 21 June.
- 10 Development should ensure that ground level open space of existing buildings receives direct sunlight for a minimum of two hours between 9.00am and 3.00pm on 21 June to at least the smaller of the following:
 - (a) half of the existing ground level open space
 - (b) 35 square metres of the existing ground level open space (with at least one of the area's dimensions measuring 2'5 metres).
- 11 Development should not increase the overshadowed area by more than 20 per cent in cases where overshadowing already exceeds these requirements.

Garages, Carports and Outbuildings

- 12 Garages, carports and outbuildings should have a roof form and pitch, building materials and detailing that complement the associated dwelling.
- 13 Garages and carports facing the street should not dominate the streetscape.
- 14 Residential outbuildings, including garages and sheds, should not be constructed unless in association with an existing dwelling.

Street and Boundary Setbacks

- 15 Dwellings should be setback from allotment or site boundaries to:
 - (a) contribute to the desired character of the area
 - (b) provide adequate visual privacy by separating habitable rooms from pedestrian and vehicle movement.
- 16 Dwelling setbacks from side and rear boundaries should be progressively increased as the height of the building increases to:
 - (a) minimise the visual impact of buildings from adjoining properties
 - (b) minimise the overshadowing of adjoining properties.
- 17 Side boundary walls in residential areas should be limited in length and height to:
 - (a) minimise their visual impact on adjoining properties
 - (b) minimise the overshadowing of adjoining properties.
- 18 Carports and garages should be setback from road and building frontages so as to:
 - (a) contribute to the desired character of the area

- (b) not adversely impact on the safety of road users
- (c) provide safe entry and exit
- (d) not dominate the appearance of dwellings from the street.

Site Coverage

- 19 Site coverage should be limited to ensure sufficient space is provided for:
 - (a) pedestrian and vehicle access and vehicle parking
 - (b) domestic storage
 - (c) outdoor clothes drying
 - (d) a rainwater tank
 - (e) private open space and landscaping
 - (f) front, side and rear boundary setbacks that contribute to the desired character of the area
 - (g) convenient storage of household waste and recycling receptacles.

Private Open Space

- 20 Private open space (land available for exclusive use by residents of each dwelling) should be provided for each dwelling and should be sited and designed:
 - (a) to be accessed directly from the internal living areas of the dwelling
 - (b) generally at ground level to the side or rear of a dwelling and screened for privacy
 - (c) to take advantage of but not adversely affect natural features of the site
 - (d) to minimise overlooking from adjacent buildings
 - (e) to achieve separation from bedroom windows on adjoining sites
 - (f) to have a northerly aspect to provide for comfortable year-round use
 - (g) to not be significantly shaded during winter by the associated dwelling or adjacent development
 - (h) to be shaded in summer.
- 21 Dwellings should have associated private open space of sufficient area and shape to be functional, taking into consideration the location of the dwelling, and the dimension and gradient of the site.
- 22 Private open space should not include driveways, effluent drainage areas, rubbish bin storage, sites for rainwater tanks and other utility areas, and common areas such as parking areas and communal open space in residential flat buildings and group dwellings, and should have a minimum dimension of:
 - (a) 2.5 metres for ground level or roof-top private open space
 - (b) 2 metres for upper level balconies or terraces.
- 23 Balconies should make a positive contribution to the internal and external amenity of residential buildings and should be sited adjacent to the main living areas, such as the living room, dining room or kitchen, to extend the dwelling's living space.

Site Facilities and Storage

- 24 Site facilities for group dwellings, residential parks and residential flat buildings should include:
 - (a) mail box facilities sited close to the major pedestrian entrance to the site
 - (b) bicycle parking for residents and visitors
 - (c) household waste and recyclable material storage areas away from dwellings
 - (d) external clothes drying areas, which are readily accessible to each dwelling and complement the development and streetscape character for dwellings which do not incorporate ground level private open space.

Visual Privacy

- 25 Upper level windows, balconies, terraces and decks should have a sill height of not less than 1.5 metres or be permanently screened to a height of not less than 1.5 metres above finished floor level to avoid overlooking into habitable room windows or onto the usable private open spaces of other dwellings.
- 26 Permanently fixed external screening devices should be designed and coloured to blend with the associated building's external material and finishes.

Noise

- 27 Noise generated by fixed noise sources such as air conditioning units and pool pumps should be located, designed and attenuated to avoid causing potential noise nuisance to adjoining landowners and occupiers.
- 28 Residential development close to high noise sources (eg major roads, railway lines, tram lines, industry, and airports) should be designed to locate bedrooms, living rooms and private open spaces away from those noise sources, or protect these areas with appropriate noise attenuation measures.
- 29 The number of dwellings sharing a common internal pedestrian entry within a residential flat building should be minimised to limit noise generation in internal access ways.
- 30 External noise and light intrusion to bedrooms should be minimised by separating or shielding these rooms from:
 - (a) active communal recreation areas, parking areas and vehicle access ways
 - (b) service equipment areas and fixed noise sources on the same or adjacent sites.

Car Parking and Access

- 31 Driveway crossovers should be single width and appropriately separated, and the number should be minimised to optimise the provision of on-street visitor parking.
- 32 On-site parking should be provided having regard to:
 - (a) the number, nature and size of proposed dwellings
 - (b) proximity to centre facilities, public and community transport within walking distance of the dwellings
 - (c) the anticipated mobility and transport requirements of the likely occupants, particularly groups such as aged persons
 - (d) availability of on-street car parking

- (e) any loss of on-street parking arising from the development (eg an increase in number of driveway crossovers).
- 33 Parking areas servicing more than one dwelling should be of a size and location to:
 - (a) serve users, including pedestrians, cyclists and motorists, efficiently, conveniently and safely
 - (b) provide adequate space for vehicles to manoeuvre between the street and the parking area
 - (c) reinforce or contribute to attractive streetscapes.
- 34 On-site visitor parking spaces for group and multiple dwellings and residential flat buildings should be sited and designed to:
 - (a) serve users efficiently and safely
 - (b) not dominate internal site layout
 - (c) be clearly defined as visitor spaces not specifically associated with any particular dwelling
 - (d) ensure they are not sited behind locked garages and are accessible to visitors at all times.
- 35 Driveways on arterial roads that serve more than one dwelling should be designed to cater for the simultaneous two-way movements of the largest vehicles expected to enter and exit the site.
- 36 On-site parking and manoeuvring areas servicing development abutting arterial roads should be designed to enable all vehicles to enter and exit the site in a forward direction.

Undercroft Garaging of Vehicles

- 37 Semi-basement or undercroft car parking should be suitably integrated with building form.
- 38 In the case of semi-basement car parks where cars are visible, adequate screening and landscaping should be provided.

Dependent Accommodation

- 39 Dependent accommodation (ie accommodation where the living unit is connected to the same services of the main dwelling) should be developed on the same allotment as the existing dwelling only where:
 - (a) the site is of adequate size and configuration and the minimum total site is 1000 square metres
 - (b) the accommodation has a small floor area relative to the associated main dwelling with a floor area not exceeding 65 square metres
 - (c) adequate outdoor space of a minimum of 100 square metres is provided for the use of all occupants
 - (d) adequate on-site car parking is provided by one additional car parking space being provided on the site
 - (e) the building is designed to, and comprises colours and materials that will, complement the original dwelling
 - (f) the building is attached to the associated main dwelling.

Swimming Pools and Outdoor Spas

40 Swimming pools, outdoor spas and associated ancillary equipment and structures should be sited so as to protect the privacy and amenity of adjoining residential land.

Temporary Accommodation

- 41 Buildings in the form of a garage, shed or similar outbuilding or caravans or tents (except in public caravan parks or public camping grounds) should not be used or converted into a dwelling for permanent or long term residential purposes although the use of a building or caravan for short-term residential purposes may take place where a dwelling does not exist on the allotment and where:
 - (a) construction of an approved dwelling on the land is proceeding and the footings for the dwelling have been poured
 - (b) the residential use will be for a period not exceeding 12 months
 - (c) the building or caravan is in good repair and condition
 - (d) there is a satisfactory water supply and waste management system connected or ancillary to the building or caravan.

Short-Term Workers Accommodation

OBJECTIVES

1 A range of appropriately located accommodation types supplied for seasonal and short-term workers.

- 1 Accommodation intended to be occupied on a temporary basis by persons engaged in employment relating to the production or processing of primary produce including minerals should be located within existing townships or within primary production areas, where it directly supports and is ancillary to legitimate primary production activities or related industries.
- 2 Buildings used for short-term workers accommodation should:
 - (a) be designed and constructed to enhance their appearance
 - (b) provide for the addition of a carport, verandas or pergolas as an integral part of the building
 - (c) where located outside of townships, not jeopardise the continuation of primary production on adjoining land or elsewhere in the zone
 - (d) be supplied with service infrastructure such as power, water, and effluent disposal sufficient to satisfy the living requirements of workers.
- 3 Short-term workers accommodation should not be adapted or used for permanent occupancy.
- 4 A common amenities building should be provided for temporary forms of short-term accommodation such as caravan and camping sites.

Siting and Visibility

OBJECTIVES

1 Protection of scenically attractive areas, particularly natural and rural landscapes.

- 1 Development should be sited and designed to minimise its visual impact on:
 - (a) the natural, rural or heritage character of the area
 - (b) areas of high visual or scenic value, particularly rural areas
 - (c) views from public reserves, tourist routes and walking trails
- 2 Buildings should be sited in unobtrusive locations and, in particular, should:
 - (a) be grouped together
 - (b) where possible be located in such a way as to be screened by existing vegetation when viewed from public roads.
- 3 Buildings outside of urban areas and in undulating landscapes should be sited in unobtrusive locations and in particular should be:
 - (a) sited below the ridgeline
 - (b) sited within valleys or behind spurs
 - (c) sited in such a way as to not be visible against the skyline when viewed from public roads
 - (d) set well back from public roads, particularly when the allotment is on the high side of the road.
- 4 Buildings and structures should be designed to minimise their visual impact in the landscape, in particular:
 - (a) the profile of buildings should be low and the rooflines should complement the natural form of the land
 - (b) the mass of buildings should be minimised by variations in wall and roof lines and by floor plans which complement the contours of the land
 - (c) large eaves, verandas and pergolas should be incorporated into designs so as to create shadowed areas that reduce the bulky appearance of buildings.
- 5 The nature of external surface materials of buildings should not detract from the visual character and amenity of the landscape.
- 6 The number of buildings and structures on land outside of urban areas should be limited to that necessary for the efficient management of the land.
- 7 Driveways and access tracks should be designed and surfaced to blend sympathetically with the landscape and to minimise interference with natural vegetation and landforms.

- 8 Development should be screened through the establishment of landscaping using locally indigenous plant species:
 - (a) around buildings and earthworks to provide a visual a screen as well as shade in summer, and protection from prevailing winds
 - (b) along allotment boundaries to provide permanent screening of buildings and structures when viewed from adjoining properties and public roads
 - (c) along the verges of new roads and access tracks to provide screening and minimise erosion.

Sloping Land

OBJECTIVES

1 Development on sloping land designed to minimise environmental and visual impacts and protect soil stability and water quality.

- 1 Development and associated driveways and access tracks should be sited and designed to integrate with the natural topography of the land and minimise the need for earthworks.
- 2 Development and associated driveways and access tracks, including related earthworks, should be sited, designed and undertaken in a manner that:
 - (a) minimises their visual impact
 - (b) reduces the bulk of the buildings and structures
 - (c) minimises the extent of cut and/or fill
 - (d) minimises the need for, and the height of, retaining walls
 - (e) does not cause or contribute to instability of any embankment or cutting
 - (f) avoids the silting of watercourses
 - (g) protects development and its surrounds from erosion caused by water runoff.
- 3 Driveways and access tracks across sloping land should be accessible and have a safe, all-weather trafficable surface.
- 4 Development sites should not be at risk of landslip.
- 5 Development on steep land should include site drainage systems to minimise erosion and avoid adverse impacts on slope stability.
- 6 Steep sloping sites in unsewered areas should not be developed unless the physical characteristics of the allotments enable the proper siting and operation of an effluent drainage field suitable for the development intended.

Supported Accommodation and Housing for Seniors

OBJECTIVES

1 Provision of well designed supported accommodation for community groups with special needs.

- 1 Supported accommodation and housing for seniors (including nursing homes, hostels, retirement homes, retirement villages, residential care facilities and special accommodation houses) should be:
 - (a) located within walking distance of essential facilities such as convenience shops, health and community services and public and community transport
 - (b) located where on-site movement of residents is not unduly restricted by the slope of the land
 - (c) sited and designed to promote interaction with other sections of the community, without compromising privacy
 - (d) of a scale and appearance that reflects the residential style and character of the locality
 - (e) provided with public and private open space and landscaping.
- 2 Supported accommodation and housing for seniors should be designed to provide safe, secure, attractive, convenient and comfortable living conditions for residents that include:
 - (a) internal communal areas and private spaces
 - (b) useable recreation areas for residents and visitors, including visiting children
 - (c) spaces to accommodate social needs and activities, including social gatherings, internet use, gardening, keeping pets, preparing meals and doing personal laundry
 - (d) storage areas for items such as boats, trailers and caravans
 - (e) mail boxes and waste disposal areas within easy walking distance of all units.
- 3 Access roads within supported accommodation and housing for seniors developments should:
 - (a) not have steep gradients
 - (b) provide convenient access for emergency vehicles, visitors and residents
 - (c) provide space for manoeuvring cars and community buses
 - (d) include kerb ramps at pedestrian crossing points
 - (e) have level surface passenger loading areas.
- 4 Car parking associated with supported accommodation and housing for seniors should:
 - (a) be conveniently located on site within easy walking distance of resident units
 - (b) be adequate for residents, service providers and visitors

- (c) include covered and secure parking for residents' vehicles
- (d) have slip-resistant surfaces with gradients not steeper than 1-in-40
- (e) allow ease of vehicle manoeuvrability
- (f) be designed to allow the full opening of all vehicle doors
- (g) minimise the impact of car parking on adjacent residences owing to visual intrusion and noise
- (h) be appropriately lit to enable safe and easy movement to and from vehicles.

Supported Accommodation

- 5 Supported accommodation should include:
 - (a) ground level access or lifted access to all units
 - (b) an interesting and attractive outlook from units and communal areas for all residents including those in wheelchairs
 - (c) adequate living space allowing for the use of wheelchairs with an attendant
 - (d) storage for items such as small electric powered vehicles and other personal items, including facilities for recharging small electric powered vehicles.
- 6 Car parking associated with supported accommodation should:
 - (a) have adequate identifiable provisions for staff
 - (b) include private parking spaces for independent living units
 - (c) include separate and appropriately marked places for people with disabilities and spaces for small electrically powered vehicles.

Telecommunications Facilities

OBJECTIVES

- 1 Telecommunications facilities provided to deliver communication services to the community.
- 2 Telecommunications facilities sited and designed to minimise visual impact on the amenity of the local environment.

- 1 Telecommunications facilities should:
 - (a) be located in a co-ordinated manner to deliver communication services efficiently
 - (b) use materials and finishes that minimise visual impact
 - (c) have antennae located as close as practical to the support structure
 - (d) be located primarily in industrial, commercial, business, office, centre and rural zones
 - (e) where technically feasible, be co-located with other telecommunications facilities
 - (f) incorporate landscaping to screen the development, particularly equipment shelters and huts
 - (g) be designed and sited to minimise the visual impact on the character and amenity of the local environment, in particular visually prominent areas, main focal points and significant vistas.
- 2 Telecommunications facilities in areas of high visitation and community use should use innovative design techniques (eg sculpture and other artworks) where possible and where the resulting design would positively contribute to the character of the area.
- 3 Telecommunications facilities should be located in residential zones only if sited and designed to minimise visual impact by:
 - (a) using existing buildings and vegetation for screening
 - (b) incorporating the facility within an existing structure that may serve another purpose
 - (c) taking into account the size, scale, context and characteristics of existing structures, landforms and vegetation so as to complement the local environment.
- 4 Telecommunications facilities should not have a direct or significant effect on the amenity, character and settings of Historic (Conservation) Zones or Policy Areas, local heritage places, State heritage places or State Heritage Areas.

Tourism Development

OBJECTIVES

- 1 Environmentally sustainable and innovative tourism development.
- 2 Tourism development that assists in the conservation, interpretation and public appreciation of significant natural and cultural features including State or local heritage places.
- 3 Tourism development that sustains or enhances the local character, visual amenity and appeal of the area.
- 4 Tourism development that protects areas of exceptional natural value, allows for appropriate levels of visitation, and demonstrates an environmental analysis and design response which enhances environmental values.
- 5 Tourism development in rural areas that does not adversely affect the use of agricultural land for primary production.
- 6 Tourism development that contributes to local communities by adding vitality to neighbouring townships, regions and settlements.
- 7 Increased opportunities for visitors to stay overnight.
- 8 Ensure new development, together with associated bushfire management minimise the threat and impact of bushfires on life and property while protecting the environment.

PRINCIPLES OF DEVELOPMENT CONTROL

- 1 Tourism development should have a functional or locational link with its natural, cultural or historical setting.
- 2 Tourism development and any associated activities should not damage or degrade any significant natural and cultural features.
- 3 Tourism development should ensure that its scale, form and location will not overwhelm, over commercialise or detract from the intrinsic natural values of the land on which it is sited or the character of its locality.
- 4 Tourism development should, where appropriate, add to the range of services and accommodation types available in an area.
- 5 Any upgrading of infrastructure to serve tourism development should be consistent with the landscape and the intrinsic natural values of the land and the basis of its appeal.
- 6 Major tourism developments should generally be located within designated areas and existing townships, towns or cities.

Tourism Development in Association with Dwelling(s)

- 7 Tourist facilities developed on the site of a dwelling should not detrimentally affect residential amenity.
- 8 Car parking for tourist accommodation associated with a dwelling should be provided at the rate of one space for each guest room or suite of rooms, and ensure that:

- (a) parking areas are attractively developed and landscaped, or screen fenced, and do not dominate the street frontage
- (b) the bedrooms of residential neighbours are suitably shielded from noise and headlight glare associated with guest vehicle movements
- (c) a domestic character is retained through the scale and appearance of landscaping and paving materials that provide a suitable all-weather surface.

Tourism Development Outside Townships

- 9 Tourist developments should demonstrate excellence in design to minimise potential impacts or intrusion on primary production activities and on areas of high conservation, landscape and cultural value.
- 10 Tourism developments in rural areas should be sited and designed to minimise impacts and have a functional or locational link with either of the following:
 - (a) the surrounding agricultural production or processing
 - (b) the natural, cultural or historical setting of the area.
- 11 Tourism developments in rural areas should primarily be developed in association with one or more of the following:
 - (a) agricultural, horticultural, viticultural or winery development
 - (b) heritage places and areas
 - (c) public open space and reserves
 - (d) walking and cycling trails
 - (e) interpretive infrastructure and signs.
- 12 Where appropriate, tourism developments in areas outside townships should:
 - (a) adapt and upgrade existing buildings of heritage value
 - (b) seek to improve conditions in disturbed or degraded areas on the site.
- 13 Advertisements associated with tourism developments should:
 - (a) not exceed 0.5 square metres in area for each display
 - (b) be limited to no more than 2 per site
 - (c) be located on the same site as the tourist development
 - (d) not be internally illuminated.
- 14 Tourism development in rural areas should occur only where it:
 - (a) incorporates a separation distance or buffers to avoid conflict with existing rural industries or agriculture or otherwise is designed to overcome the potential impacts associated with the adjoining land use (such as noise, dust, spray drift, odour and traffic)
 - (b) will not give rise to demands for infrastructure and services, especially on public lands, that are inappropriate to the primary purpose of the zone and/or policy area.

- 15 Tourism development, particularly in remote areas should be designed to minimise energy and water demands and incorporate alternative, sustainable technologies that use renewable energy sources and/or treat and re-use stormwater and wastewater to minimise reliance on mains services.
- 16 Natural features, signs and walkways should be used to manage and minimise potential risks of visitors damaging areas of cultural or natural significance, fragile areas, and areas of highest environmental value.
- 17 The visual and ambient impact of vehicles should be minimised by placing roadways and parking areas in unobtrusive locations.
- 18 Tourist accommodation associated with a farm complex should have a setback from a particular land use or feature not less than that shown in the following table:

Land use or feature	Value (metres)
Public road	50 (unless within or set behind an existing farm dwelling)
Watercourse	50
Farming (where not directly associated with the farm complex itself)	300
Intensive animal keeping	1000
Rural industries	1000

Transportation and Access

OBJECTIVES

- 1 A comprehensive, integrated, affordable and efficient air, rail, sea, road, cycle and pedestrian transport system that will:
 - (a) provide equitable access to a range of public and private transport services for all people
 - (b) ensure a high level of safety
 - (c) effectively support the economic development of the State
 - (d) have minimal negative environmental and social impacts
 - (e) maintain options for the introduction of suitable new transport technologies.
- 2 Development that:
 - (a) provides safe and efficient movement for all motorised and non-motorised transport modes
 - (b) ensures access for vehicles including emergency services, public infrastructure maintenance and commercial vehicles
 - (c) provides off street parking
 - (d) is appropriately located so that it supports and makes best use of existing transport facilities and networks.
- 3 A road hierarchy that promotes safe and efficient transportation in an integrated manner throughout the State.
- 4 Provision of safe, pleasant, accessible, integrated and permeable pedestrian and cycling networks.
- 5 Safe and convenient freight movement throughout the State.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

1 Land uses arranged to support the efficient provision of sustainable transport networks and encourage their use.

Movement Systems

- 2 Development should be integrated with existing transport networks, particularly major rail and road corridors as shown on *Location Maps* and *Overlay Maps Transport*, and designed to minimise its potential impact on the functional performance of the transport networks.
- 3 Transport corridors should be sited and designed so as to not unreasonably interfere with the health and amenity of adjacent sensitive land uses.
- 4 Roads should be sited and designed to blend with the landscape and be in sympathy with the terrain.

- 5 Land uses that generate large numbers of visitors such as shopping centres and areas, places of employment, schools, hospitals and medium to high density residential uses should be located so that they can be serviced by existing transport networks and encourage walking and cycling.
- 6 Development generating high levels of traffic, such as schools, shopping centres and other retail areas, entertainment and sporting facilities, should incorporate passenger pick-up and set down areas. The design of such areas should ensure interference to existing traffic is minimised and give priority to pedestrians, cyclists and public and community transport users.
- 7 The location and design of public and community transport set-down and pick-up points should maximise safety and minimise the isolation and vulnerability of users.
- 8 Development should provide safe and convenient access for all anticipated modes of transport including cycling, walking, public and community transport, and motor vehicles.
- 9 Development at intersections, pedestrian and cycle crossings, and crossovers to allotments should maintain or enhance sightlines for motorists, cyclists and pedestrians to ensure safety for all road users and pedestrians.
- 10 Driveway cross-overs affecting pedestrian footpaths should maintain the level of the footpath.
- 11 Development should discourage commercial and industrial vehicle movements through residential streets and adjacent other sensitive land uses such as schools.
- 12 Industrial/commercial vehicle movements should be separated from passenger vehicle car-parking areas.
- 13 Development should make sufficient provision on site for the loading, unloading and turning of all traffic likely to be generated.

Cycling and Walking

- 14 Development should ensure that a permeable street and path network is established that encourages walking and cycling through the provision of safe, convenient and attractive routes with connections to adjoining streets, paths, open spaces, schools, public transport stops and activity centres.
- 15 Development should provide access, and accommodate multiple route options, for cyclists by enhancing and integrating with open space networks, recreational trails, parks, reserves and recreation areas.
- 16 Cycling and pedestrian networks should be designed to be permeable and facilitate direct and efficient passage to neighbouring networks and facilities.
- 17 New developments should give priority to and not compromise existing designated bicycle routes.
- 18 Where development coincides with, intersects or divides a proposed bicycle route or corridor, development should incorporate through-access for cyclists.
- 19 Developments should encourage and facilitate cycling as a mode of transport by incorporating end-ofjourney facilities including:
 - (a) showers, changing facilities, and secure lockers
 - (b) signage indicating the location of bicycle facilities.
- 20 Pedestrian facilities and networks should be designed and provided in Accordance with relevant provisions of the *Australian Standards and Austroads Guide to Traffic Engineering Practice Part 13*.
- 21 Cycling facilities and networks should be designed and provided in accordance with the relevant provisions of the *Australian Standards and Austroads Guide to Traffic Engineering Practice Part 14*.

Access

- 22 Development should have direct access from an all weather public road.
- 23 Development should be provided with safe and convenient access which:
 - (a) avoids unreasonable interference with the flow of traffic on adjoining roads
 - (b) accommodates the type and volume of traffic likely to be generated by the development or land use and minimises induced traffic through over-provision
 - (c) is sited and designed to minimise any adverse impacts on the occupants of and visitors to neighbouring properties.
- 24 Development should not restrict access to publicly owned land.
- 25 The number of vehicle access points onto arterial roads shown on *Overlay Maps Transport* should be minimised, and where possible access points should be:
 - (a) limited to local roads
 - (b) shared between developments.
- 26 The number of access points for cyclists and pedestrians onto all adjoining roads should be maximised.
- 27 Development with access from arterial roads or roads as shown on *Overlay Maps Transport* should be sited to avoid the need for vehicles to reverse on to the road.
- 28 Driveways, access tracks and parking areas should be designed and constructed to:
 - (a) follow the natural contours of the land
 - (b) minimise excavation and/or fill
 - (c) minimise the potential for erosion from runoff
 - (d) avoid the removal of existing vegetation
 - (e) be consistent with Australian Standard AS 2890 Parking facilities.

Access for People with Disabilities

29 Development should be sited and designed to provide convenient access for people with a disability.

Vehicle Parking

- 30 Development should provide off-street vehicle parking and specifically marked disabled car parking places to meet anticipated demand in accordance with <u>Table NtA/2 Off Street Vehicle Parking</u> <u>Requirements</u>.
- 31 Development should be consistent with Australian Standard AS 2890 Parking facilities.
- 32 Vehicle parking areas should be sited and designed in a manner that will:
 - (a) facilitate safe and convenient pedestrian linkages to the development and areas of significant activity or interest in the vicinity of the development
 - (b) include safe pedestrian and bicycle linkages that complement the overall pedestrian and cycling network
 - (c) not inhibit safe and convenient traffic circulation

- (d) result in minimal conflict between customer and service vehicles
- (e) avoid the necessity to use public roads when moving from one part of a parking area to another
- (f) minimise the number of vehicle access points to public roads
- (g) avoid the necessity for backing onto public roads
- (h) where reasonably possible, provide the opportunity for shared use of car parking and integration of car parking areas with adjoining development to reduce the total extent of vehicle parking areas and the requirement for access points
- (i) not dominate the character and appearance of a centre when viewed from public roads and spaces
- (j) provide landscaping that will shade and enhance the appearance of the vehicle parking areas.
- 33 Vehicle parking areas should be designed to reduce opportunities for crime by:
 - (a) maximising the potential for passive surveillance by ensuring they can be overlooked from nearby buildings and roads
 - (b) incorporating walls and landscaping that do not obscure vehicles or provide potential hiding places;
 - (c) being appropriately lit
 - (d) having clearly visible walkways.
- 34 Where parking areas are not obviously visible or navigated, signs indicating the location and availability of vehicle parking spaces associated with businesses should be displayed at locations readily visible to customers.
- 35 Parking areas that are likely to be used during non daylight hours should provide floodlit entrance and exit points and site lighting directed and shaded in a manner that will not cause nuisance to adjacent properties or users of the car park.
- 36 Parking areas should be sealed or paved in order to minimise dust and mud nuisance.
- 37 To assist with stormwater detention and reduce heat loads in summer, vehicle parking areas should include soft (living) landscaping.
- 38 Parking areas should be line-marked to indicate parking bays, movement aisles and direction of traffic flow.

Waste

OBJECTIVES

- 1 Development that, in order of priority, avoids the production of waste, minimises the production of waste, re-uses waste, recycles waste for re-use, treats waste and disposes of waste in an environmentally sound manner.
- 2 Development that includes the treatment and management of solid and liquid waste to prevent undesired impacts on the environment including, soil, plant and animal biodiversity, human health and the amenity of the locality.

- 1 Development should be sited and designed to prevent or minimise the generation of waste (including wastewater) by applying the following waste management hierarchy in the order of priority as shown below:
 - (a) avoiding the production of waste
 - (b) minimising waste production
 - (c) reusing waste
 - (d) recycling waste
 - (e) recovering part of the waste for re-use
 - (f) treating waste to reduce the potentially degrading impacts
 - (g) disposing of waste in an environmentally sound manner.
- 2 The storage, treatment and disposal of waste materials from any development should be achieved without risk to health or impairment of the environment.
- 3 Development should avoid as far as practical, the discharge or deposit of waste (including wastewater) onto land or into any waters (including processes such as seepage, infiltration or carriage by wind, rain, sea spray, stormwater or by the rising of the water table).
- 4 Untreated waste should not be discharged to the environment, and in particular to any water body.
- 5 Development should include appropriately sized area to facilitate the storage of receptacles that will enable the efficient recycling of waste.
- 6 Development that involves the production and/or collection of waste and/or recyclable material should include designated collection and storage area(s) that are:
 - (a) screened and separated from adjoining areas
 - (b) located to avoid impacting on adjoining sensitive environments or land uses
 - (c) designed to ensure that wastes do not contaminate stormwater or enter the stormwater collection system
 - (d) located on an impervious sealed area graded to a collection point in order to minimise the movement of any solids or contamination of water

- (e) protected from wind and stormwater and sealed to prevent leakage and minimise the emission of odours
- (f) stored in such a manner that ensures that all waste is contained within the boundaries of the site until disposed of in an appropriate manner.

Wastewater

- 7 The disposal of wastewater to land should only occur where methods of wastewater reduction and reuse are unable to remove the need for its disposal, and where its application to the land is environmentally sustainable.
- 8 Wastewater lagoons should not be sited in any of the following areas:
 - (a) within land subject to a 1-in-100 year average return interval flood event
 - (b) within 50 metres of the top of the bank of a watercourse
 - (c) within 500 metres of the coastal high water mark
 - (d) where the base of the lagoon would be below any seasonal water table.
- 9 Artificial wetland system for the storage of treated wastewater, such as wastewater lagoons, should be:
 - (a) sufficiently separated from adjoining sensitive uses to minimise potential adverse odour impacts.
 - (b) sited and designed to minimise potential public health risks arising from the breeding of mosquitoes.

Waste Treatment Systems

- 10 Development that produces any sewage or effluent should be connected to a waste treatment system that complies with (or can comply with) the relevant public and environmental health legislation applying to that type of system.
- 11 The methods for, and siting of, effluent and waste storage, treatment and disposal systems should minimise the potential for environmental harm and adverse impacts on:
 - (a) the quality of surface and groundwater resources
 - (b) public health
 - (c) the amenity of a locality
 - (d) sensitive land uses.
- 12 Waste treatment should only occur where the capacity of the treatment facility is sufficient to accommodate likely maximum daily demands including a contingency for unexpected high flows and breakdowns.
- 13 Any on-site wastewater treatment system/ re-use system or effluent drainage field should be located within the allotment of the development that it will service.
- 14 A dedicated on-site effluent disposal area should not include any areas to be used for, or could be reasonably foreseen to be used for, private outdoor open space, driveways, car parking or outbuildings.
- 15 The spreading or discharging of treated liquid or solid waste onto the ground should only occur where the disposal area consists of soil and vegetation that has the capacity to store and use the waste without contaminating soil or surface or ground water resources or damaging crops.

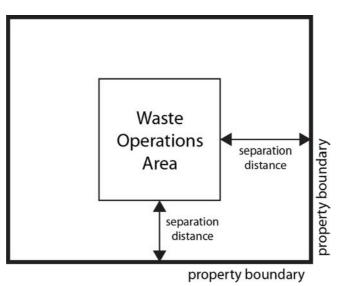
- 16 Stock slaughter works, poultry processors, saleyards, piggeries, cattle feedlots, milking sheds, milk processing works, fish processing works, wineries, distilleries, tanneries and fellmongeries, composting works and concrete batching works should have a wastewater management system that is designed so as not to discharge wastes generated by the premises:
 - (a) into any waters
 - (b) onto land in a place where it is reasonably likely to enter any waters by processes such as:
 - (i) seepage
 - (ii) infiltration
 - (iii) carriage by wind, rain, sea spray, or stormwater
 - (iv) the rising of the watertable.
- 17 Winery waste management systems should be designed to ensure:
 - (a) surface runoff does not occur from the wastewater irrigation area at any time
 - (b) wastewater is not irrigated onto waterlogged areas, land within 50 metres of a creek, or swamp or domestic or stock water bore, or land subject to flooding, steeply sloping land, or rocky or highly permeable soil overlaying an unconfined aquifer
 - (c) wastewater is not irrigated over an area which is within 50 metres of any residence on neighbouring land or 10 metres of any type of publicly owned land
 - (d) wastewater is released using low trajectory low pressure sprinklers, drip irrigators or agricultural pipe, and is not sprayed more than 1.5 metres into the air or in fine droplets if there is a potential for the spread of diseases from the wastewater
 - (e) stormwater runoff from areas which are contaminated with grape or grape products is drained to winery waste management systems during vintage periods
 - (f) stormwater from roofs and clean hard paved surfaces is diverted away from winery waste management systems and disposed of in an environmentally sound manner or used for productive purposes.

Waste Management Facilities

OBJECTIVES

- 1 The orderly and economic development of waste management facilities in appropriate locations.
- 2 Minimisation of human and environmental health impacts from the location and operation of waste management facilities.
- 3 Protection of waste management facilities from incompatible development.

- 1 Waste management facilities should be located and designed to minimise adverse impacts on both the site and surrounding areas from the generation of surface water and groundwater pollution, traffic, noise, odours, dust, vermin, weeds, litter, gas and visual impact.
- 2 Waste management facilities in the form of land fill and organic processing facilities should not be located in existing or future township, living, residential, centre, office, business, institutional or environmental protection, conservation, landscape, water protection and open space areas.
- 3 Waste management facilities should not be located where access to the facility requires, or is likely to involve, the use of non-arterial roads in adjacent residential areas.
- 4 Waste management facilities should:
 - (a) be appropriately separated from sensitive land uses and environmentally sensitive areas
 - (b) incorporate the separation distance between the waste operations area (including all closed, operating and future cells) and sensitive uses within the development site as illustrated in the figure below:



- (c) not incorporate other land uses and activities within the separation distance unless they are compatible with both a waste management facility and any adjacent land uses.
- 5 Separation and/or noise attenuation should be used to ensure noise generation associated with the waste management operation does not unreasonably interfere with the amenity of sensitive land uses.

- 6 Sufficient area should be provided within the waste operations area for the:
 - (a) maximum expected volume of material on the site at any one time
 - (b) containment of potential groundwater and surface water contaminants
 - (c) diversion of clean stormwater away from the waste and potentially-contaminated areas.
- 7 Processing facilities and operational areas should be screened from public view.
- 8 Waste management sites should be accessed by appropriately constructed and maintained roads.
- 9 Traffic circulation movements within any waste management site should:
 - (a) be of a dimension and constructed to support all vehicles transporting waste
 - (b) enable all vehicles to enter and exit the site in a forward direction.
- 10 Suitable access for emergency vehicles should be provided to and within waste management sites.
- 11 Chain wire mesh or pre-coated painted metal fencing to a minimum height of 2 metres should be erected on the perimeter of a waste management facility site to prevent access other than at entry points.
- 12 Plant, equipment or activities that could cause a potential hazard to the public should be enclosed by a security fence.
- 13 Litter control measures that minimise the incidence of wind blown litter should be provided.
- 14 The waste operations area of a landfill or organic waste processing facility should be sited at least:
 - (a) 3 kilometres from an airfield used by commercial aircraft to minimise the risk of bird strikes to aircraft
 - (b) 500 metres from:
 - (i) the boundaries of the allotment
 - the nearest dwelling, shop, office, public institution or other building designed primarily for human occupation in the case of an organic waste processing facility for the composting of waste
 - (c) 250 metres from a public open space reserve, forest reserve, national park, conservation zone or policy area
 - (d) 100 metres from:
 - (i) the nearest surface water (whether permanent or intermittent)
 - (ii) a 1-in-100 year average return interval flood event area.
- 15 The waste operations area of a landfill should not be located on land:
 - (a) that is subject to land slipping
 - (b) with ground slopes greater than 10 per cent, except where the site incorporates a disused quarry.
- 16 The waste operations area of an organic waste processing facility should not be located on land:
 - (a) that is subject to land slipping

- (b) with ground slopes greater than 6 per cent
- (c) where the interface of the engineered landfill liner and natural soils would be within any of the following:
 - (i) 15 metres of unconfined aquifers bearing groundwater with less than 3000 mg/L total dissolved salts
 - (ii) 5 metres of groundwater with a water quality of 3000 to 12 000 mg/L total dissolved salts
 - (iii) 2 metres of groundwater with a water quality of greater than 12 000 mg/L total dissolved salts.
- 17 Where required, a leachate barrier should be provided between the operational areas and underlying soil and groundwater.
- 18 Landfill activities that have a total storage capacity exceeding 230 000 cubic metres should make sustainable use of landfill gas emissions. For smaller landfill activities, if the sustainable use of the landfill gas emissions is not practical or feasible, flaring should be used to avoid gases being vented directly to the air.

Zone Section

Airfield Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

1 A zone primarily accommodating aircraft operations, passenger terminals, airport and aviation-related light industrial, service industrial, warehouse and storage purposes.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - air passenger or air freight terminal
 - aircraft related facility
 - airport
 - fuel depot
 - light industry ancillary to and in association with aviation activities
 - recreation area
 - service industry ancillary to and in association with aviation activities
 - shop within the terminal building
 - warehouse ancillary to and in association with aviation activities.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Development that would be adversely affected by noise and other hazards caused by airport activities should not be undertaken in the zone.
- 4 Development should not impede the use of the zone for aviation purposes or the expansion of the area for aviation use.

Form and Character

- 5 Commercial and light industrial development located on the airport site should:
 - (a) facilitate the more efficient operation of the airport
 - (b) be sited in defined clusters
 - (c) not adversely affect the amenity of surrounding land uses.
- 6 Buildings and structures should not have a height exceeding 10 metres above natural ground level nor comprise more than 2 storeys.

Land Division

- 7 Land should not be divided except for the realignment of allotment boundaries, where this assists in the more efficient operation and use of the airport.
- 8 There should be no increase in the total number of allotments in the zone.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Community centre	
Consulting room	
Dwelling	
Educational establishment	Except where ancillary to and in association with aviation activities.
Hospital	
Horticulture	
Hotel	
Intensive animal keeping	
Land division	Except where no additional allotments are created wholly or partly within the zone.
Motel	
Nursing home	
Place of worship	
Pre-school	
Residential flat buildings	
Shop	Except where located within the terminal building.
Tourist accommodation	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Public Notification

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Bulk Handling Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A zone in which agricultural and other commodities are received, stored and dispatched in bulk.
- 2 Buildings and structures screened from adjoining areas by landscaping, using locally indigenous plant species where possible.
- 3 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The zone affects land utilised for the purpose of bulk grain handling. Facilities for the transportation, handling and storage of farm commodities in bulk are an essential component of the rural economy.

The country townships of Gladstone, Jamestown, Caltowie, Gulnare and Yacka contain essential infrastructure for the bulk handling and storage of farm commodities. The facilities should be protected from encroachment by incompatible development or activities likely to be affected by their continued operation. In particular the facilities at Gladstone and Jamestown are of strategic importance to the economy of the State.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - bulk handling and storage facility
 - office and workers' amenities (operating as an adjunct to a bulk handling use of the site)
 - road transport terminal
 - value-adding industries associated with bulk commodities.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Development unrelated to facilities associated with the reception, storage and dispatch of agricultural and other commodities in bulk, or value-adding industries processing such commodities, should not occur.
- 4 Development should not impede the on-going operation of facilities associated with the handling and storage of bulk commodities.

Form and Character

- 5 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 6 Development associated with the handling and storage of bulk commodities, or value-adding processing, should be undertaken in a manner that minimises adverse off-site impacts on sensitive land uses.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Amusement machine centre	
Community centre	
Consulting room	
Dwelling	
Educational establishment	
Horticulture	
Hospital	
Hotel	
Intensive animal keeping	
Motel	
Motor repair station	
Nursing home	
Petrol filling station	
Place of worship	
Pre-school	
Residential flat building	
Shop	
Special industry	
Tourist accommodation	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Public Notification

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Further, the following forms of development are designated:

Category 1	Category 2	
Bulk handling and storage facilities		

Commercial Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A zone accommodating a range of commercial and business land uses.
- 2 Development that minimises any adverse impacts upon the amenity of the locality within the zone.
- 3 A zone where development does not restrict or impair the operations and functions of the Jamestown Airstrip.
- 4 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The zone comprises:

- the area adjoining the northern side of Boundary Road and the western side of Mannanarie Road at Jamestown. Opportunities exist for new commercial development that maintains amenity levels of adjoining residential development to the south and east. It is important that direct vehicle access to land be limited along both Mannanarie Road and Boundary Road.
- the Jamestown sale yards extending in a north/south direction along the railway line adjacent Collins Street and also incorporates the Heavy Vehicle Wash down facility
- land occupied by the railway in the centre of Gladstone, the existing dump, and disused concrete fuel bunkers adjacent Huddleston Road at Gladstone
- various areas of land at Spalding that accommodate existing commercial-related businesses, including land to the east of the railway line on the southern side of Spalding that will cater for additional commercial development.

It is intended that the zone caters for commercial activities and businesses, fuel sales and rural industry services and related activities. It is important that the zoning enables compatible commercial uses to establish and operate, thus ensuring a varied economic base to the Council. The existing disused concrete fuel bunkers within the zone at Gladstone have local historic value. Any development on land occupied by the bunkers or adjacent to them needs to have regard to these structures and not adversely impact upon their heritage-related significance.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - bulky goods outlet
 - consulting room
 - motor vehicle related business other than wrecking yard
 - office
 - petrol filling station
 - service trade premises
 - shop with a gross leasable area less than 250 square metres
 - store
 - warehouse.

- 2 Development listed as non-complying is generally inappropriate.
- 3 Retail development in the zone should not hinder the development or function of any centre zone.
- 4 Shops should have a gross leasable area less than 250 square metres, unless used for bulky goods outlet.
- 5 Development located adjacent Boundary Road and Mannanarie Road at Jamestown should be undertaken in accordance with the <u>Concept Plan Map NtA/2 Commercial</u>.

Form and Character

- 6 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 7 Development should be sited, designed and be of a scale and height to ensure that it does not detrimentally affect the operations and functions of the Jamestown Airstrip.
- 8 No development should be undertaken within the 1-in-100 year return period flood event area as depicted on <u>Concept Plan Map NtA/2</u> <u>Commercial</u> unless the floor level is a minimum of 600 millimetres above the maximum flood level.
- 9 Development located on land subject to inundation by a 100 year return period flood event, should not:
 - (a) impede the flow of floodwaters through the land or other surrounding land
 - (b) occur where the risk of flooding is unacceptable having regard to personal and public safety and to property damage
 - (c) increase the potential hazard risk to public safety of persons during a flood event
 - (d) aggravate the potential for erosion or siltation or lead to the destruction of vegetation during a flood
 - (e) cause any adverse effect of the floodway function
 - (f) increase the risk of flooding of other land
 - (g) obstruct a watercourse
 - (h) store any substance which is listed in *schedule 4, Part 1* of the *Environment Protection (Water Quality) Policy 2003.*
- 10 Development located within 20 metres of 1-in-100 year return period flood event area as depicted on <u>Concept Plan Map NtA/2 - Commercial</u> should have floor level a minimum of 300 millimetres above ground level.
- 11 No development should occur within 10 metres of the banks of Jacka Creek, to ensure a clear riparian corridor is maintained at all times.
- 12 On-site wastewater and effluent disposal areas should be separated no less than 50 metres from an adjoining watercourse and outside the 1-in-100 return period flood event area.

Land Division

- 13 Land division should create allotments that vary in size and are suitable for a variety of commercial activities and should have:
 - (a) an area of not less than 1000 square metres
 - (b) an average width of at least 20 metres.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Community centre	
Dairy	
Dwelling	Except where it is: (a) ancillary to and in association with a commercial development (b) located on the same allotment.
Educational establishment	
Farm building	
Farming	
Fuel depot	
General industry	
Horticulture	
Hospital	
Intensive animal keeping	
Nursing home	
Place of worship	
Pre-school	
Prescribed mining operations	
Residential flat building	
Road transport terminal	
Shop or group of shops	Except where it achieves one of the following: (a) the gross leasable area is 250 square metres or less (b) the shop is for bulky goods outlet.
Special industry	
Stadium	
Stock sales yard	
Stock slaughter works	
Waste reception, storage, treatment, or disposal	

Form of development	Exceptions
Winery	
Wrecking yard	

Public Notification

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Further, the following forms of development (except where the development is non-complying) are designated:

Category 1	Category 2
Auction room	
Bank	
Car wash	
Consulting room	
Motor showroom	
Office	
Petrol filling station	
Service industry	
Shop	
Store	
Timber yard	
Used car lot	
Warehouse	

Community Zone

Refer to the Map Reference Table for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A zone accommodating community, educational, recreational and health care facilities for the general public's benefit.
- 2 Development that is integrated in function and provides a co-ordinated base to promote efficient service delivery.
- 3 A zone accommodating sensitively designed and sited tourist accommodation which is secondary to the primary use of the zone for community, recreation and public purposes.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - cemetery
 - community centre
 - consulting room
 - educational establishment
 - emergency services facility
 - hall
 - health facility
 - hospital
 - library
 - office associated with community service
 - place of worship
 - public administration office
 - recreation centre
 - theatre
 - welfare institution.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Development should not be undertaken if it would inhibit or prejudice the integrated development of land within the zone for further community and institutional uses.

Form and Character

- 4 Development should not compromise the open landscape nature or the significance of the parkland belts located within or around the towns of Jamestown, Laura, Georgetown, Tarcowie, Yacka and Caltowie.
- 5 Tourist accommodation and supporting facilities and infrastructure should only be undertaken where development will have minimal impacts and will be sensitive to the surroundings in which they are situated.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Fuel depot	
Horse keeping	
Horticulture	
Industry	
Intensive animal keeping	
Major public service depot	
Motor repair station	
Petrol filling station	
Road transport terminal	
Service trade premises	
Shop or group of shops	Except where the gross leasable area is 250 square metres or less.
Stock sales yard	
Stock slaughter works	
Store	
Warehouse	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Public Notification

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Home Industry Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

1 A zone accommodating small-scale service and light industries where people live and work on the same site.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - detached dwelling in association with industry
 - light industry
 - service industry
 - shop ancillary to industry
 - store.
- 2 Development listed as non-complying is generally inappropriate.
- 3 A home industry should operate on an allotment on which there is an occupied detached dwelling.

Form and Character

4 Dwellings should be designed within the following parameters:

Parameter	Value
Minimum setback from primary road frontage	6 metres
Minimum setback from secondary road frontage	4 metres
Minimum setback from side boundaries	1 metre for single storey 4 metres for double storey
Minimum setback from rear boundary	6 metres
Maximum site coverage	40 per cent
Maximum height	7 metres
Minimum area of private open space	80 square metres
Minimum number of on site car parking spaces (One of which should be covered)	2

- 5 Home industries should comply with the following:
 - (a) an additional on-site car parking space should be provided for every non-resident person involved in the production and/or supply of the industry or business
 - (b) other than persons resident on the site, no more than three persons should be involved in any industry or business

- (c) no building or activity associated with the home industry should be sited closer to any street alignment than the existing or approved dwelling
- (d) no vehicle used in association with any industry or business should exceed 5 tonnes tare weight
- (e) the total area used in association with the home industry (whether within a building or external space) should not be greater than 150 square metres or 20 per cent of the allotment, whichever is the lesser area
- (f) be located in close proximity to the dwelling on the site with a separation distance of no more than 50 metres.
- 6 A dwelling should have an allotment area of 1500 square metres and a frontage to a public road not less than 25 metres.

Land Division

7 Land division should create allotments with an area of at least 1500 square metres.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Exceptions
Except detached dwelling.

Form of development	Exceptions
Residential flat building	
Road transport terminal	
Service trade premises	
Shop or group of shops	Except where the gross leasable area is 150 square metres or less.
Special industry	
Stock sales yard	
Stock slaughter works	
Waste reception, storage, treatment or disposal	Except where in the form of a recycling collection depot.
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Light Industry Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A zone accommodating a range of light industrial, storage and warehouse land uses.
- 2 A zone where development does not restrict or impair the operations and functions of the Jamestown Airstrip.
- 3 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The zone is characterised by a wide range of commercial and industrial activities with many established businesses. The zone areas have residential interfaces along various sections of their boundaries and it is desirable that landscape buffers be established along the periphery of the zone where it is in proximity to housing.

The area is designed to accommodate a range of light industrial, commercial and business activities, including manufacturing, warehousing and distribution. Development that has no or little off-site impacts is to be located at the residential interface. Significant potential exists for new development on the undeveloped parts of the zone provided it is designed to ensure the character of the area is enhanced via use of high quality materials, landscaping and design.

The section of the zone adjacent Mannanarie Road, Jamestown is to be developed in an orderly and economic manner in two stages as outlined in the <u>Concept Plan Map NtA/1 - Industrial/Commercial</u>. This section of the zone in Jamestown is intended to be the main location for industrial/commercial development within Jamestown due to its proximity to the Over Dimensional Vehicle Route (Mannanarie Road) and its relative isolation from existing residential development. The land identified as Stage 2 in <u>Concept Plan Map</u> <u>NtA/1 - Industrial/Commercial</u> will only be developed for urban purposes when land identified as Stage 1 has reached development capacity and sufficient demand for additional land supply is evident.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - light industry
 - service industry
 - store
 - warehouse.
- 2 Development listed as non-complying is generally inappropriate.

Form and Character

- 3 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 4 Advertisements and advertising hoardings should not include any of the following:
 - (a) flashing or animated signs

- (b) bunting, streamers, flags, wind vanes and similar
- (c) roof mounted advertisements projected above the roofline
- (d) parapet mounted advertisements projecting above the top of the parapet.
- 5 The total floor area of buildings should not exceed 50 per cent of the site area of the allotment on which they are located.
- 6 Development should incorporate landscape areas consistent with the following criteria:
 - (a) at least 10 per cent of the site area is utilised for landscaping
 - (b) a minimum width of 3 metres is provided adjacent a road boundary or a reserve
 - (c) a minimum width of 2 metres is provided adjacent the rear boundary where it abuts a different zone
 - (d) at least 50 per cent of the required landscape area is located adjacent the front road boundary.
- 7 Development located adjacent Mannanarie Road at Jamestown should be undertaken in accordance with the <u>Concept Plan Map NtA/1 Industrial/Commercial</u>.
- 8 Development on land identified with site contamination associated with the former Jamestown sawmill site should be undertaken in accordance with the recommendations and restrictions contained within the Site Audit Report dated 28 April 2004 or any subsequent site audit reports.
- 9 No development should be undertaken within the 1-in-100 year average return interval flood event area as depicted on <u>Concept Plan Map NtA/1 - Industrial/Commercial</u> unless the floor level is a minimum of 600 millimetres above the maximum flood level.
- 10 Development located on land subject to inundation by a 1-in-100 year average return interval flood event, should not:
 - (a) impede the flow of floodwaters through the land or other surrounding land
 - (b) occur where the risk of flooding is unacceptable having regard to personal and public safety and to property damage
 - (c) increase the potential hazard risk to public safety of persons during a flood event
 - (d) aggravate the potential for erosion or siltation or lead to the destruction of vegetation during a flood
 - (e) cause any adverse effect of the floodway function
 - (f) increase the risk of flooding of other land
 - (g) obstruct a watercourse
 - (h) store any substance which is listed in Schedule 4 Part 1 of the *Environment Protection (Water Quality) Policy 2003.*
- 11 Development located within 20 metres of 1-in-100 year average return interval flood event area as depicted on <u>Concept Plan Map NtA/1 Industrial/Commercial</u> should have floor level a minimum of 300 millimetres above ground level.
- 12 No development should occur within 10 metres of the banks of Jacka Creek, to ensure a clear riparian corridor is maintained at all times.

Land Division

- 13 Land division should create allotments that:
 - (a) are of a size and shape suitable for the intended use
 - (b) have an area of not less than 1500 square metres, unless intended for a specific purpose consistent with the zone provisions and for which a lesser site area requirement can be demonstrated
 - (c) have a frontage to a public road of at least 25 metres.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions	
Amusement machine centre		
Community centre		
Consulting room		
Dairy		
Dwelling	Except where it is: (a) ancillary to and in association with industrial development (b) located on the same allotment.	
Educational establishment		
Horticulture		
Hospital		
Hotel		
Intensive animal keeping		
Motel		
Nursing home		
Office	Except where it is: (a) ancillary to and in association with indu development (b) located on the same allotment.	strial
Place of worship		
Pre-school		
Residential flat building		

Form of development	Exceptions
Restaurant	
Shop or group of shops	Except where the gross leasable area is 100 square metres or less.
Special industry	
Stock sales yard	
Stock slaughter works	
Tourist accommodation	
Waste reception, storage, treatment or disposal other than in the form of a recycling collection depot	
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Primary Production Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

- 1 Economically productive, efficient and environmentally sustainable primary production.
- 2 Allotments of a size and configuration that promote the efficient use of land for primary production.
- 3 Protection of primary production from encroachment by incompatible land uses and protection of scenic qualities of rural landscapes.
- 4 Avoidance of incompatible land uses in the vicinity of the infrastructure for the handling, storage and transportation of farm commodities associated with the Andrews silo facilities.
- 5 Horticultural activities where environmental impacts are minimal.
- 6 Development that contributes to the desired character of the zone.
- 7 Accommodation of wind farms and ancillary development.

DESIRED CHARACTER

This zone supports predominantly cereal cropping and livestock grazing activities on large rural holdings and it is proposed that it continue to accommodate a wide range of farming practices.

Agricultural production within the district contributes significantly to the local economy, helps sustain a wide range of services based in the towns, and is an important generator of local employment. Although it is envisaged that this zone will continue to accommodate grazing, cropping, horticulture and forestry as the dominant land uses, the creation and expansion of agro-based activities and new value-adding farming opportunities, such as processing, manufacturing, transportation and support industries in towns, is to be encouraged in order to diversify and strengthen the economic base of the district.

To maintain the agricultural importance and stability of the zone, it is vital that the existing farm land holding structure is not fragmented and that future pressure for development in the zone will not result in the conversion of agricultural land to less productive uses. To this end, further land division creating smaller blocks, which would undermine existing farming and forestry activities, and additional housing established on non-primary production allotments are not supported.

The maintenance of sustainable farm management is paramount to the long term protection of rural productivity. Erosion control, general land care and water management need to be addressed to ensure future agricultural productivity.

Although some of the land has long been cleared for agricultural production and grazing, significant tracts of native vegetation still remain. The areas of vegetation scattered throughout the district and along the road reserves are important features needing protection not only for general environmental purposes but also for the contribution it makes to the character and attractiveness of the rural landscape. These features are to be further enhanced by supplementary planting.

The bulk handling and storage facilities at Andrews are of strategic importance to the economy of the State and need to be protected from encroachment by incompatible development.

It is intended that the smaller settlements of Belalie North and Mannanarie, which cater for only local facilities and services, remain compact and not expand.

Wind farms and ancillary development such as substations, maintenance sheds, access roads and connecting power-lines (including to the National Electricity Grid) are envisaged within the zone and constitute a component of the zone's desired character. These facilities will need to be located in areas where they can take advantage of the natural resource upon which they rely and, as a consequence, components (particularly turbines) may need to be:

- located in visually prominent locations such as ridgelines
- visible from scenic routes and valuable scenic and environmental areas
- located closer to roads than envisaged by generic setback policy.

This, coupled with the large scale of these facilities (in terms of both height and spread of components), renders it difficult to mitigate the visual impacts of wind farms to the degree expected of other types of development. Subject to implementation of management techniques set out by general / council wide policy regarding renewable energy facilities, these visual impacts are to be accepted in pursuit of benefits derived from increased generation of renewable energy.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - bulk handling and storage facility
 - commercial forestry
 - dairy farming
 - farming
 - horticulture
 - intensive animal keeping
 - tourist accommodation (including through the diversification of existing farming activities and conversion of farm buildings)
 - wind farm and ancillary development
 - wind monitoring mast and ancillary development.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Wind farms and ancillary development should be located in areas which provide opportunity for harvesting of wind and efficient generation of electricity and may therefore be sited:
 - (a) in visually prominent locations
 - (b) closer to roads than envisaged by generic setback policy.
- 4 Industry and warehousing should only be developed if it supports primary production, processing, storage and distribution of local primary produce or products produced on the same site, and should be developed where:
 - (a) it has a direct relationship with primary production
 - (b) it is unlikely to limit or inhibit the use of adjoining land for primary production
 - (c) the particular use requires a site in proximity to a particular natural resource or other product or materials sourced from the locality
 - (d) it will not result in the alienation of land or water resources identified as significant for primary production or ecological reasons
 - (e) the use would be inappropriate within a township.

- 5 A shop should be:
 - (a) ancillary to primary production or processing uses, or tourist accommodation or other tourist development
 - (b) located on the same site as the primary use.
- 6 Buildings should primarily be limited to farm buildings, a detached dwelling associated with primary production on the allotment and residential outbuildings that are:
 - (a) grouped together on the allotment and setback from allotment boundaries to minimise the visual impact of buildings on the landscape as viewed from public roads
 - (b) screened from public roads and adjacent land by existing vegetation or landscaped buffers.
- 7 Tourist accommodation should not be converted to dwellings and should be designed to preclude the conversion of buildings into dwellings such as through shared facilities, common utility services, grouped accommodation and/or shared parking.
- 8 A dwelling should only be developed if:
 - (a) there is a demonstrated connection with farming or other primary production
 - (b) the location of the dwelling will not inhibit the continuation of farming, other primary production or other development that is in keeping with the provisions of the zone
 - (c) it is located more than 500 metres from an existing intensive animal keeping operation unless used in association with that activity
 - (d) it does not result in more than one dwelling per allotment.
- 9 Development within 800 metres of the site of the explosives manufacturing and testing ground located on sections 91, 92, 93, 94, 95, 96 or 97 in the Hundred of Howe, shown as Sections 91 - 97 on <u>Concept</u> <u>Plan Map NtA/4 - Ranges</u>, should be:
 - (a) for agricultural and pastoral purposes
 - (b) designed and sited to ensure it does not detrimentally impact upon the manufacturing activities undertaken on this site.
- 10 Development within 500 metres of the site of the existing sawmill located on allotment 10 in the Hundred of Belalie, as defined on <u>Concept Plan Map NtA/3 Industry</u>, should be:
 - (a) for agricultural and pastoral purposes
 - (b) designed and sited to ensure it does not detrimentally impact upon the operation and any associated activities of the sawmill or facilities for the transportation, handling and storage of farm commodities in bulk undertaken on this site.

Form and Character

- 11 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 12 Development should not occur within 500 metres of a National Park, Conservation Park, Wilderness Protection Area or significant stands of native vegetation if it will increase the potential for, or result in, the spread of pest plants.

Land Division

- 13 For land not within a policy area, land division, including boundary realignments, should only occur where it:
 - (a) will promote economically productive, efficient and sustainable primary production and not create any allotment less than 40 hectares in area
 - (b) is required to create a separate allotment of approximately 2 hectares in area to accommodate a farm dwelling on the property which existed prior to 1 December 1972.
- 14 Land division involving boundary realignments should only occur where the number of resulting allotments of less than 40 hectares is not greater than the number that existed prior to the realignment.

Forestry Policy Area 1

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this policy area.

OBJECTIVES

- 1 Preservation of the Bundaleer Forest reserve with provision for tourist and recreation activities.
- 2 Retention of rural activities in areas not utilised by the Bundaleer Forest.
- 3 Development that contributes to the desired character of the policy area.

DESIRED CHARACTER

The policy area occupies the Bundaleer Forest reserve which lies 8 kilometres south of Jamestown and extends in a north/south alignment a distance of some 6 kilometres. Established in 1876, the forest has an interesting history which characterises the development of forestry in South Australia. The forest currently represents an excellent example of a multi-use reserve, combining forestry, sheep grazing, bee keeping and recreation. The 3186 hectares of mixed eucalypt and pine plantations also provide habitat for a variety of wildlife. Together, these features provide a good opportunity to develop interesting and informative attractions for visitors to the forest.

To realise this potential, project guidelines for the Bundaleer Forest 1995 have been prepared to outline the methods, rationale and development guidelines for the production and implementation of the program. The program consists of 26 interpretive signs for a visitor information station and 3 walking trails and a booklet about the history of the present day use of the Forest.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the policy area:
 - commercial forestry
 - farming
 - horticulture
 - recreation area in association with forestry
 - tourist development in association with forestry.
- 2 Development of further forestry plantations should not be undertaken if such development is likely to cause the removal of highly productive agricultural land from primary production.
- 3 Land should not be used for horticultural purposes unless:
 - (a) water of sufficient quantity and quality is available to sustain the proposed horticultural use
 - (b) the land is capable for the proposed horticultural use
 - (c) the land is capable of supporting the horticultural use
 - (d) the horticultural use will be compatible with the adjacent uses of the land
 - (e) there will be no adverse impacts on the downstream property users, in terms of water flow and pollution by discharges

(f) there will be no detrimental impact to the water table as a result of irrigation.

Form and Character

4 Development should not be undertaken unless it is consistent with the desired character for the policy area.

Land Division

5 Land division should not occur except to facilitate the ongoing management and development of forestry operations.

Township Fringe Policy Area 2

Refer to the Map Reference Tables for a list of the maps that relate to this policy area.

OBJECTIVES

- 1 A policy area primarily for low-intensity primary production compatible with the adjoining urban areas.
- 2 Preservation of rural character and scenic features as a backdrop to the town.
- 3 A policy area where development does not restrict or impair the operations and functions of the Jamestown Airstrip for aviation purposes.
- 4 Development that contributes to the desired character of the policy area.

DESIRED CHARACTER

This area is intended as a buffer between the townships of Jamestown, Gladstone and Laura and the rural area of the district.

The area immediately encompassing the township of Jamestown and to the south of Gladstone is characterised by a significant number of relatively small allotments and sections, with several being around 1 hectare in area. This feature is characteristic of many other towns throughout the State, and acts as a buffer between the township and other rural activities.

A number of these allotments are used for urban purposes or related services such as the race course and the effluent lagoons at Jamestown. The large majority of the allotments can appropriately continue to be used for agricultural activities provided they are compatible with the adjacent town development.

The policy area also incorporates the low lying area adjacent to the north-eastern boundary of the Jamestown township. The area is partially divided into residential-type allotments as a result of land surveys done many years ago, although, collectively, the land is predominantly used for grazing and cropping. This area is not proposed to be developed for residential housing until such time as the demand for additional housing warrants the rezoning of the land to residential use. In particular, residential development in Jamestown bordered by Kent Terrace, Collins Street and the railway line is not to take place in advance of demand. Any rezoning of land would also need to be subject to an assessment of the potential inundation threat from the Belalie Creek. The siting of housing in proximity to non-residential zones needs to be mindful of the potential for adverse impacts upon the rural-residential amenity and may have to be restricted to minimise these impacts.

It is desirable that the future of activities within this area do not include intensive animal keeping and other similar uses which are generally incompatible with town development. The continued operations of dairy production in Laura is, however, appropriate.

Development within this area is intended to be strictly controlled in order to ensure that conflicts between urban and rural uses are minimized and a buffer is maintained between the town and the rural areas. In addition the area can, if kept free from scattered development, provide for long-term urban use.

The approach roads to Jamestown, Gladstone and Laura pass through the policy area and it is desirable that development is sited and landscaped to maintain the present uncluttered town approaches.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the policy area:
 - detached dwelling on a large allotment
 - farming
 - low-intensity primary production.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Rural industries and activities such as intensive animal keeping, feedlots, commercial bulk handling and storage, prescribed mining operations, stock sale yards and produce processing industries that require large buildings or multiple structures should not be developed.
- 4 Animal keeping should generally be for farming or small-scale domestic purposes only.
- 5 Small-scale tourist accommodation should only be developed if it achieves one of the following:
 - (a) it is within existing buildings
 - (b) it is in the form of farm stay, guesthouse, rural or nature retreat or bed and breakfast accommodation as an integral part of the group of farm buildings.

Form and Character

- 6 Development should not be undertaken unless it is consistent with the desired character for the policy area.
- 7 Dwellings should be confined to a detached dwelling associated with primary production on the same allotment.
- 8 Farm buildings, dwellings and residential outbuildings, should be grouped together.
- 9 Buildings should be sited and designed to minimise their visual impact on the scenic and natural qualities of the landscape.
- 10 Sheds, garages and similar outbuildings should be designed within the following parameters:

Parameter	Value
Maximum total floor area	150 square metres
Maximum building height	6 metres
Maximum building height (from natural ground level)	4 metres
Minimum setback from side boundaries	15 metres
Minimum setback from rear boundaries	15 metres
Minimum setback from a public road or public open space area	No closer than the dwelling with which it is associated.

11 Existing vegetation should be retained and development of structures should include landscaping adjacent to roadside boundaries to provide an attractive entrance to towns as viewed from public roads and to enhance the scenic contrast between urban development and rural areas.

Land Division

12 Land should not be divided unless no additional allotments are created.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of Development	Exceptions	
Advertisement and/or advertising hoarding	 Advertisement and/or advertising hoarding where the development achieves at least one of (a) or (b): (a) is adjacent to a road with a speed limit of less than 80 km/h (b) has an advertisement area of 2 square metres or less and achieves all of the following: (i) the message contained thereon relates entirely to a lawful use of land (ii) the advertisement is erected on the same allotment as the use it seeks to advertise (iii) the advertisement will not result in more than two advertisements on the allotment. 	
Bulk handling and storage within Township Fringe Policy Area 2		
Community centre		
Consulting room	Except where it is to be used by a veterinary practitioner.	
Commercial forestry within Township Fringe Policy Area 2		
Dwelling	 Except where it is a detached dwelling and it achieves all of the following: (a) the allotment is at least 20 hectares (b) it is not located within 500 metres of allotment 10 in the Hundred of Belalie. 	
Dwelling within Township Fringe Policy Area 2	Except for a detached dwelling	
Educational establishment		
Fuel depot within Township Fringe Policy Area 2		
Horticulture involving the growing of olives	 Except where the location for the growing of olives achieves (a) and (b): (a) at least 500 metres from all of the following: (i) a National Park (ii) a Conservation Park (iii) a Wilderness Protection Area (iv) the edge of a substantially intact stratum of native vegetation greater than 5 hectares in area (b) 50 metres from the edge of a substantially intact stratum of native vegetation 5 hectares or less in area. 	

Form of Development	Exceptions
Horse keeping within Township Fringe Policy Area 2	
Hospital	
Hotel	
Industry within Township Fringe Policy Area 2	
Indoor recreation centre	
Intensive animal keeping within Township Fringe Policy Area 2	Except aquaculture, where the development is located more than 500 metres from a township or urban boundary.
Land division	 Except where it achieves any of the following: (a) all allotments resulting from the division are at least 40 hectares (b) no additional allotments are created, and the number of resulting allotments of less than 40 hectares is not more than the number that existed prior to rationalisation (c) it would create an allotment of at least 1 hectare to accommodate an approved aquaculture development (d) it is for the creation of an additional allotment not greater than 2 hectares in area (excluding any area not greater than 10 metres wide that may be required for driveway access) to contain a habitable dwelling which existed on 1 December 1972.
Land division within Forestry Policy Area 1 or within Township Fringe Policy Area 2	 Except where it achieves one of the following: (a) no additional allotments are created partly or wholly within the policy areas (b) it is for the creation of an additional allotment not greater than 2 hectares in area (excluding any area no greater than 10 metres wide that may be required for driveway access) to contain a habitable dwelling which existed on 1 December 1972.
Motor repair station	
Nursing home	
Office	Except where ancillary to and in association with primary production, aquaculture or tourism development.
Petrol filling station	
Place of worship	
Road transport terminal within Township Fringe Policy Area 2	
Pre-school	
Prescribed mining operations within Township Fringe Policy Area 2	
Primary school	
Residential flat buildings	

Form of Development	Exceptions
Service trade premises	
Shop or group of shops	 Except where both of the following apply: (a) ancillary to and in association with primary production or tourism development; and (b) the gross leasable area is 40 square metres or less.
Stock sales yard within Township Fringe Policy Area 2	
Stock slaughter works within Township Fringe Policy Area 2	
Warehouse within Township Fringe Policy Area 2	Except where ancillary and necessary to support aquaculture development.
Waste reception, storage, treatment or disposal within Township Fringe Policy Area 2	
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Further, the following forms of development are designated:

Category 1	Category 2	
	Bulk handling and storage facilities	
	Commercial forestry	
	Horticulture (excluding olive orchards and viticulture)	
	Stock sale yard	
	Tourist accommodation	

Wind monitoring mast and ancillary development

Residential Zone

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A residential zone comprising a range of dwelling types, including a minimum of 15 per cent affordable housing.
- 2 Increased dwelling densities in close proximity to centres, public transport routes and public open spaces.
- 3 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The zone, which comprises the established residential areas of Jamestown, Gladstone, Laura and Spalding, is intended to be the main location for residential development. An increase in the number of dwellings within each town is desirable so that a greater number of residents can benefit from the proximity to local services, transport and community facilities.

Development will positively contribute to the attractive streetscape character of the residential areas, predominantly characterised by a range of allotment sizes with low density residential development, deep building setbacks and landscaped front garden areas.

In Jamestown, the **Residential Zone** comprises three main areas, a central area, bisected by the Belalie Creek and surrounded by a ring of parklands, a northern area bound by the railway line, the **Light Industry** and **Commercial Zones** and an eastern area which adjoins the township and is surrounded by the **Primary Production Zone** to the east and south.

The central area of Jamestown will generally be developed at greater density than the northern and eastern areas with infill development providing opportunities for smaller allotments dwelling types. There is some propensity for this area to flood in years of extremely high rainfall and high water flows in Belalie Creek. The northern and eastern areas will continue to be developed in a manner which utilises existing infrastructure efficiently before expanding to areas where upgrades to existing, or new, infrastructure is required.

In Gladstone and Laura, development within the zone will positively contribute to the attractive streetscape character consisting of traditional bungalows and villas. The streetscape character will be maintained by development which is designed to complement the features of the existing streetscape.

Opportunities for infill development will provide for an increase in the number of dwellings within the zone, and will generally be at a greater density to the remainder of the zone. Non-residential land uses, including land used for grazing, will be progressively developed for residential use and will capitalise on existing infrastructure servicing the town.

In Laura, Allotments 36 and 39 in DP 542 were previously used as Council depot and Allotments 200 and 201 in DP 81912 previously accommodated a small scale car detailing and motor repair business. These sites should not be developed until it is demonstrated that the land is or will be suitable for its intended use.

The zone in Spalding accommodates a broad range of land uses. Residential development will continue to provide a range of dwelling forms at varying densities and will be respectful of the existing town's character. Non-residential development should be small scale and provide an important local service.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

.

- 1 The following forms of development are envisaged in the zone:
 - affordable housing
 - domestic outbuilding in association with a dwelling
 - domestic structure
 - dwelling
 - dwelling addition
 - small scale non-residential use that serves the local community, for example:
 - child care facility
 - health and welfare service
 - open space
 - primary and secondary school
 - recreation area
 - shop, office or consulting room
 - supported accommodation.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Vacant or underutilised land should be developed in an efficient and co-ordinated manner to increase housing choice by providing dwellings at densities higher than, but compatible with adjoining residential development.
- 4 Non-residential development such as shops, schools and consulting rooms should be of a nature and scale that:
 - (a) serves the local community
 - (b) is consistent with the character of the locality
 - (c) does not detrimentally impact on the amenity of nearby residents.
- 5 The use and placement of outbuildings should be ancillary to and in association with a dwelling or dwellings.

Form and Character

- 6 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 7 Garages and carports facing the street (other than an access lane way) should be designed with a maximum width of 6 metres or 50 per cent of the allotment or building site frontage width, whichever is the lesser distance.
- 8 Dwellings should be designed within the following parameters:

Parameter	Value
Minimum setback from primary road frontage	6 metres
Minimum setback from secondary road frontage	4 metres
Minimum setback from side boundaries	1 metre for single storey 4 metres for double storey
Minimum setback from rear boundary	1 metre for single storey 4 metres for double storey
Maximum site coverage	50 per cent

Parameter	Value
Maximum building height (from natural ground level)	7 metres
Minimum area of private open space	80 square metres
Minimum number of on site car parking spaces (one of which should be covered)	2

9 Sheds, garages, carports and similar outbuildings, whether free standing or not, should be designed within the following parameters:

Parameter	Value
Maximum floor area	72 square metres
Maximum building height (from natural ground level)	3.6 metres
Maximum wall height (from natural ground level)	3 metres
Minimum setback from side and rear boundaries	1 metres
Minimum setback from a public road or public open space area	No closer than the dwelling with which it is associated

10 Where a dwelling is connected to a community wastewater management system, a dwelling should have a minimum site area (and in the case of residential flat buildings, an average site area per dwelling) and a frontage to a public road not less than that shown in the following table:

Dwelling type	Site area (square metres)	Minimum frontage (metres)
Detached	600 minimum	15
Semi-detached	450 minimum	10
Group dwelling	400 minimum	20
Residential flat building	400 average	20
Row dwelling	400 minimum	10

11 Where a dwelling is unable to be connected to a community wastewater management system, the dwelling should have an allotment area (and in the case of group dwellings and residential flat buildings, an average site area per dwelling) and a frontage to a public road not less than that shown in the following table:

Dwelling type	Site area (square metres)	Minimum frontage (metres)
Detached	1000 minimum	20
Semi-detached	600 minimum	12
Group dwelling	600 minimum	24
Residential flat building	450 average	20
Row dwelling	450 minimum	12

Land Division

12 Unless for the purpose of dividing an existing or approved dwelling development, land division should not create a vacant allotment with an area less than 600 square metres, or less than 1000 square metres where not connected to a community wastewater management system.

Jamestown Low Density Living Policy Area 3

Refer to the <u>Map Reference Tables</u> for a list of the maps that relate to this policy area.

OBJECTIVES

- 1 Provision for low density residential development on large allotments, in a manner compatible with the retention of the pleasant rural character.
- 2 Land division undertaken to ensure new allotments are provided ranging from a minimum area of 2 hectares and averaging not less than 3 hectares.
- 3 Development that contributes to the desired character of the policy area.

DESIRED CHARACTER

This policy area comprises an area of rolling foothills on the eastern outskirts of Jamestown to the south of the Jamestown Airstrip. The area is proposed to provide a range of larger allotments primarily for residential development at low densities while still providing the space around dwellings and spectacular views across the township of Jamestown and the Bundaleer Valley.

The area's visual attractiveness is to be maintained with new development sited and designed having regard to the gently undulating topography of the landscape. It is important that development of the land is unobtrusive and compatible with adjoining residential and rural areas, and conserves and enhances the natural character of the area. Across the policy area, the division of land should not result in allotments with an average area of less than 3 hectares and are to have a minimum size of at least 2 hectares. Future large scale land division will require effective planning for the movement of pedestrian and vehicular activity.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the policy area:
 - detached dwelling
 - domestic outbuildings in association with a dwelling
 - domestic structure
 - farming.
- 2 There should be no more than 1 dwelling per allotment.
- 3 The keeping of animals should be ancillary to the residential use of the land and should be of a low intensity nature.

Form and Character

- 4 Development should not be undertaken unless it is consistent with the desired character for the policy area.
- 5 Retaining walls should be designed in such a way that they are a stepped series of low walls constructed of dark, natural coloured materials and screened by landscaping.

Land Division

6 Land division should create allotments with an area of at least 2 hectares.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of Development	Exceptions
Advertisement and /or advertising hoarding	
Amusement machine centre	
Consulting room	Except where: (a) the total floor area is 100 square metres or less (b) the site does not front an arterial road.
Crematorium	
Dwelling within Jamestown Low Density Living Policy Area 3	Except a detached dwelling.
Dairy	
Farming	
Fuel depot	
Horse keeping	
Horticulture	
Hospital	
Hotel	
Industry	
Intensive animal keeping	
Land division within Jamestown Low Density Living Area 3	 Except a land division where either of the following applies: (a) it creates an additional allotment of at least 2 hectares (b) it involves boundary rationalisation where the number of resulting allotments less than 2 hectares is not more than the number that existed prior to rationalisation.
Motor repair station	
Office	Except where: (a) the total floor area is 100 square metres or less (b) the site does not front an arterial road.
Petrol filling station	
Public service depot	
Restaurant	

Form of Development	Exceptions
Road transport terminal	
Service trade premises	
Shop or group of shops	Except where: (a) the gross leasable area is 80 square metres or less (b) the site does not front an arterial road.
Stock sales yard	
Stock slaughter works	
Store	
Warehouse	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Rural Landscape Protection Zone

Refer to the Map Reference Table for a list of the maps that relate to this zone.

OBJECTIVES

- 1 Preservation of the natural and rural character and scenic features of the zone.
- 2 Low-intensity rural activities on large land holdings.
- 3 Tourist facilities, attractions, and accommodation that are secondary to farming and blend with the natural environment.
- 4 An area accommodating an explosives manufacturing and testing ground and associated activities within the southern portion of the zone in a manner which maintains the environmental qualities of the landscape.
- 5 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The conservation of the scenic, scientific and heritage, features of the environment is intended as the paramount objective when assessing future development proposals in the zone. There has been a long-standing, harmonious, marriage between conservation and other rural uses in this part of the Flinders Ranges which is intended to continue and not be put at risk by new forms of development.

Because of their soils and rainfall, the South Flinders Ranges feature an intensive pattern of traditional land uses. The land settlement pattern based on this mixed land use has resulted in generally freehold land, smaller holdings, and some demand for land division, as well as a demand for a range of buildings and structures which are associated with the established rural activities.

The zone includes large tracts of government-owned land, namely, the Beetaloo Reservoir catchment area and the southernmost part of Wirrabara Forest reserve. It is important that the Reservoir catchment area be kept free of development which may pollute surface and underground water supplies. There is also an explosives manufacturing and testing ground in active use on a large property (former Army land) near the southern end of the zone. The Heysen Trail passes through the zone.

Whilst tourists frequent the National Parks and established caravan parks, the extent of freehold land minimizes the problems of tourist trespass.

It is important that policies determined for this zone recognize that ongoing primary production is a worthy and integral component of this environment.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - detached dwelling and a building associated with farming activities
 - low intensity farming and grazing
 - recreation and tourist infrastructure for the interpretation and appreciation of the natural features of the zone

- supplementation of existing farming activities through small scale tourist accommodation:
 - within an existing building, or
 - in the form of farm stay, guesthouse, rural or nature retreat or bed and breakfast accommodation as an integral part of a group of farm buildings.
- 2 Development listed as non-complying is generally inappropriate.
- 3 A shop should:
 - (a) be ancillary to primary production or processing uses, or tourist accommodation or other tourist development
 - (b) be located on the same site as the primary use
 - (c) have a gross leasable area that does not exceed 20 square metres.
- 4 A dwelling should only be developed if:
 - (a) there is a demonstrated connection with farming or other primary production
 - (b) the location of the dwelling will not inhibit the continuation of farming, other primary production or other development that is in keeping with the provisions of the zone
 - (c) it is located more than 500 metres from an existing intensive animal keeping operation unless used in association with that activity
 - (d) it does not result in more than one dwelling per allotment.
- 5 Development within 800 metres of the site of the explosives manufacturing and testing ground located on sections 91, 92, 93, 94, 95, 96 or 97 in the Hundred of Howe, shown as Sections 91 – 97 on <u>Concept Plan Map NtA/4 - Ranges</u>, should be:
 - (a) for agricultural and pastoral purposes
 - (b) designed and sited to ensure it does not detrimentally impact upon the manufacturing activities undertaken on this site.

Form and Character

- 6 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 7 The excavation and/or filling of land should:
 - (a) be no greater than 1.5 metres from natural ground level
 - (b) only be undertaken in order to reduce the visual impact of buildings or structures or to construct water storage facilities for use on the allotment
 - (c) result in stable scree slopes that are covered with topsoil and landscaped so as to preserve and enhance or assist in the re-establishment of, the natural character of the locality.
- 8 Re-vegetation and screen planting proposed as part of development should use locally indigenous native species.

Land Division

9 Land division should not be undertaken except where it will facilitate the retention of native vegetation on a single allotment and provided no additional allotments are created.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Advertisement and/or advertising hoarding	 Advertisement and/or advertising hoarding where the development achieves at least one of (a) or (b): (a) is adjacent to a road with a speed limit of less than 80 km/h (b) has an advertisement area of 2 square metres or less and achieves all of the following: (i) the message contained thereon relates entirely to a lawful use of land (ii) the advertisement is erected on the same allotment as the use it seeks to advertise (iii) the advertisement will not result in more than 2 advertisements on the allotment.
Caravan park	
Community centre	
Consulting room	
Dwelling	 Except for a detached dwelling and where either of the following applies: (a) the allotment existed prior to (date of authorisation) (b) an allotment is created after (date of authorisation) and the allotment is at least 40 hectares.
Educational establishment	
Fuel depot	
Horticulture involving the growing of olives	 Except where the location for the growing of olives achieves (a) and (b): (a) at least 500 metres from all of the following: (i) a national park (ii) a conservation park (iii) a wilderness protection area (iv) the edge of a substantially intact stratum of native vegetation greater than 5 hectares in area (b) 50 metres from the edge of a substantially intact stratum of native vegetation 5 hectares or less in area.
Hospital	
Hotel	
Indoor recreation centre	
Industry	Except where located on Sections 91, 92, 93, 94, 95, 96 or 97 in the Hundred of Howe.

Form of development	Exceptions
Intensive animal keeping	
Land division	 Except where: (a) no additional allotments are created partly or wholly in the zone (b) all remaining allotments are at least 40 hectares.
Motel	
Motor repair station	
Nursing home	
Office	Except where associated with primary production or tourism development.
Petrol filling station	
Place of worship	
Primary school	
Pre-school	
Residential flat building	
Road transport terminal	
Service trade premises	
Shop or group of shops	Except where the gross leasable area is 20 square metres or less.
Stock slaughter works	
Stock saleyards	
Store	
Warehouse	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Further, the following forms of development are designated:

Category 1	Category 2
	Commercial forestry

Rural Living Zone

Refer to the Map Reference Table for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A zone consisting of large allotments, detached dwellings and rural activities that do not adversely impact the amenity of the locality.
- 2 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The zone incorporates land on the fringe of Jamestown, Laura and Gladstone.

Development within the zone will be appropriately sited to harmonise with the environment and buildings will be of a high quality of architectural design. Small-scale development is envisaged that will produce attractive, well-designed built form complementary to the prevailing features of the area.

The zone provides an important buffer between the **Primary Production Zone** and the urban zones of each of the towns. Small scale animal keeping will be accommodated, although this should be undertaken if in association with a dwelling on the land. It is preferable that open style fencing, such as post-and-wire, be utilised in order to retain the semi-rural character of the landscape.

In Jamestown, Section 732 in HP 240200 was previously used as quarry and Allotments 44 in DP 7736 adjoins the contaminated former sawmill factory site. These sites should not be developed until it is demonstrated that the land is or will be suitable for its intended use.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - detached dwelling
 - domestic outbuilding in association with a detached dwelling
 - domestic structure
 - dwelling addition
 - farming
 - farm building
 - stable.
- 2 Development listed as non-complying is generally inappropriate.
- 3 There should be no more than 1 dwelling per allotment.
- 4 The keeping of animals should be ancillary to and in association with the residential use of the land.
- 5 The keeping of horses should only be undertaken if the horses are accommodated within a stable or shelter with supplementary feeding to maintain pasture cover.

Form and Character

6 Development should not be undertaken unless it is consistent with the desired character for the zone.

7 No development should be undertaken within 50 metres of a watercourse.

8 Dwellings should be designed within the following parameters:

Parameter	Value
Minimum setback from primary road frontage	50 metres from the Jamestown to Caltowie Road 30 metres from all other roads
Minimum setback from secondary road frontage	30 metres
Minimum setback from side boundaries	15 metres
Minimum setback from rear boundary	15 metres
Maximum site coverage	10 per cent
Maximum building height (from natural ground level)	8 metres
Minimum area of private open space	80 square metres
Minimum number of on site car parking spaces (One of which should be covered)	2

9 Sheds, garages and similar outbuildings should be designed within the following parameters:

Parameter	Value
Maximum floor area	150 square metres
Maximum building height (from natural ground level)	6 metres
Maximum wall height (from natural ground level)	4 metres
Minimum setback from side and rear boundaries	15 metres
Minimum setback from a public road or public open space area	No closer than the dwelling with which it is associated

10 A dwelling should have an allotment area of at least 2 hectares and a frontage to a public road not less than 50 metres.

Land Division

11 Land division should create allotments with an area of at least 2 hectares.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Advertisement and/or advertising hoarding	 Advertisement and/or advertising hoarding where the development achieves at least one of (a) or (b): (a) is adjacent to a road with a speed limit of less than 80 km/h (b) has an advertisement area of 2 square metres or less and achieves all of the following: (i) the message contained thereon relates entirely to a lawful use of land (ii) the advertisement is erected on the same allotment as the use it seeks to advertise (iii) the advertisement will not result in more than 2 advertisements on the allotment.
Amusement machine centre	
Caravan park	
Crematorium	
Dairy	
Dwelling	Except detached dwelling
Fuel depot	
General industry	
Hotel	
Intensive animal keeping	Except where it involves the keeping of not more than 10 adult dogs.
Land division	 Except a land division where either of the following applies: (a) it creates an additional allotment of at least 2 hectares (b) it involves boundary rationalisation where the number of resulting allotments less than 2 hectares is not more than the number that existed prior to rationalisation.
Major public service depot	
Motor repair station	
Petrol filling station	
Residential flat building	
Restaurant	
Road transport terminal	
Service trade premises	
Shop or group of shops	Except where the gross leasable area is 80 square metres or less.
Special industry	
Stock sales yard	

Form of development	Exceptions
Stock slaughter works	
Store	
Warehouse	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Town Centre Zone

Refer to the Map Reference Table for a list of the maps that relate to this zone.

OBJECTIVES

- 1 A centre accommodating a wide range of retail, office, administrative, community, cultural and entertainment facilities to serve residents of the town and the surrounding rural community.
- 2 Conservation and upgrading of buildings of historic character.
- 3 Rationalisation of vehicular access, car parking and major pedestrian movement paths to provide a safer, more efficient and more attractive environment.
- 4 Maintenance of the Belalie Creek, its banks and reserve as a linear open space and to minimize flooding.
- 5 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

The Jamestown centre is bounded by the central recreation reserve which extends diagonally through the central portion of the township, Muirkirk Street to the south and Dunure Terrace to the east. Town centre activities are focused on Ayr Street which is the main street extending through the town in an east-west direction. On either side of this street is a range of business, retailing and commercial activities. The balance of the Town Centre Zone comprises a mixture of community uses, commercial activities and residential dwellings. The scale and character of the buildings in Ayr Street together with the setting of the central median strip contributes to a high quality environment for the town centre which is worthy of retention. Retail development is to be retained and encouraged along Ayr Street with general business activities being directed more to the north side of Muirkirk Street. Comprehensive redevelopment of existing land parcels and buildings can provide for further expansion of the town centre.

Gladstone centre is focused on Gladstone Terrace which abuts the western side of the railway reserve, and Cross Street. A range of retail, business and commercial activities are well established along Cross Street which has developed into the retail focus for Gladstone. A significant line of palm trees on the eastern side of Gladstone Terrace contribute to a pleasant town centre atmosphere and are worthy of retention.

Laura town centre provides a significant range of retail, business and commercial activities to meet the needs of its resident and visiting communities. The main retail core of the Laura centre is focused on Herbert Street and extends along Hughes Street, a role that is to be maintained. The wide central median of Herbert Street with its landscaping is an important feature of the centre, maintaining a pleasant and high quality environment.

The Spalding centre is an attractive rural town centre focused on Government Road and Main Street. A range of services has been established to meet the needs of the community, and it is a subsidiary centre to Jamestown and Gladstone. The retail focus for Spalding is to remain on Government Road and Main Street.

Ayr Street, Gladstone Terrace, Herbert Street and Main Street need to be enhanced for use as a pedestrian and recreational focus for the centres of Jamestown, Gladstone, Laura and Spalding. It is essential that the blend of intact architectural forms of heritage and historical character and mature street trees be retained and promoted, in particular the veranda facades along Ayr Street at Jamestown Gladstone Terrace at Gladstone, Herbert Street at Laura and Main Street at Spalding. This character can be further reinforced by allowing new business-related development within these centres to be sited on the front property boundary to reflect existing building alignments as well as to facilitate the creation of verandas across the footpath, thereby encouraging a more cohesive streetscape. Opportunities have to be taken to soften the impact of hard paved areas together with the co-ordinated provision of off-street parking areas linked by pedestrian access to business areas where possible.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - bulky goods outlet
 - café
 - consulting room
 - cultural centre
 - entertainment facility
 - fitness studio
 - hotel
 - meeting room
 - motor repair station
 - office
 - petrol filling station
 - restaurant
 - retail showroom
 - service trade premises
 - shop
 - tourist facility.
- 2 Development listed as non-complying is generally inappropriate.
- 3 A dwelling should be established only where it is associated with and ancillary to an existing, or part of a proposed use envisaged for the zone.

Form and Character

- 4 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 5 Development should not impair the amenity or drainage function of the Belalie Creek.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Caravan park	
Dairy	
Dwelling	Except a dwelling that is: (a) ancillary to and in association with a non-residential development (b) located on the same allotment.

Form of development	Exceptions
Fuel depot	
General industry	
Horse keeping	
Horticulture	
Intensive animal keeping	
Major public service depot	
Residential flat building	
Road transport terminal	
Special industry	
Stock sales yard	
Stock slaughter works	
Waste reception, storage, treatment or disposal	
Wrecking yard	

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Township Zone

Refer to the Map Reference Table for a list of the maps that relate to this zone.

OBJECTIVES

- 1 Services and facilities grouped together to serve the local community and the visiting public.
- 2 Increased mix in the range of dwellings available to cater for changing demographics, particularly smaller household sizes and supported accommodation.
- 3 Conservation and enhancement of the main road streetscape and scenic rural setting of the township.
- 4 Retention of the parkland areas for public use providing sporting, recreation and community facilities.
- 5 Development that contributes to the desired character of the zone.

DESIRED CHARACTER

As government towns with regular grid street patterns and surrounding parklands, Yacka, Georgetown, Caltowie and Tarcowie are typical South Australian country towns reflecting small settlements meeting local needs. All towns have a quiet character which has developed with a mix of land uses that successfully co-exist and could expect to continue as such generally reflecting farming residences.

Development which is likely to improve the living environment and the service function of the zone is encouraged provided such activities are small-scale and will not create an adverse impact.

Consolidated residential development through infilling and use of existing vacant allotments, and limited development of local service facilities is considered appropriate where these activities will not have an adverse impact.

The attractive, small town and landscape character of the zone will be retained and enhanced including beautification of the townships of Yacka, Georgetown, Caltowie, Tarcowie, Gulnare and Stone Hut. Development within Yacka, Georgetown, Caltowie, Tarcowie, Gulnare and Stone Hut that maintains and reinforces the townsips' existing minor service function, and which is complementary to those services provided in the towns of Jamestown, Gladstone, Laura and Spalding, is encouraged.

PRINCIPLES OF DEVELOPMENT CONTROL

Land Use

- 1 The following forms of development are envisaged in the zone:
 - community facility
 - domestic outbuilding in association with a dwelling
 - domestic structure
 - dwelling
 - dwelling addition
 - educational establishment
 - open space
 - recreation area
 - shop or group of shops where the gross leasable area is 250 square metres or less
 - small-scale commercial development

- small scale light and service industry development
- small-scale tourist development
- supported accommodation.
- 2 Development listed as non-complying is generally inappropriate.
- 3 Residential development should be mainly in the form of low-density detached dwellings, with a limited range of increased density development.
- 4 Business and commercial development should be of a scale and function consistent with the role of the township as a local service centre supplying a range of goods and services to the local community, the surrounding district and visitors to the area.
- 5 Industry uses should be restricted to light and service industry activities that provide small-scale facilities to the community or are agriculturally based industries that process local produce.

Form and Character

- 6 Development should not be undertaken unless it is consistent with the desired character for the zone.
- 7 Dwellings should be designed within the following parameters:

Parameter	Value
Minimum setback from primary road frontage	6 metres
Minimum setback from secondary road frontage	4 metres
Minimum setback from side boundaries	1 metre
Minimum setback from rear boundary	4 metres
Maximum site coverage	50 per cent
Maximum building height (from natural ground level)	2 storey
Minimum area of private open space	80 square metres
Minimum number of on site car parking spaces (One of which should be covered)	2

- 8 Development of a business, commercial or industrial nature should be consolidated with existing facilities to establish identifiable service centres.
- 9 Sheds, garages, carports and similar outbuildings, whether free standing or not, should be designed within the following parameters:

Parameter	Value
Maximum floor area	72 square metres
Maximum building height (from natural ground level)	3.6 metres
Maximum wall height (from natural ground level)	3 metres
Minimum setback from side and rear boundaries	1 metre
Minimum setback from a public road or public open space area	No closer than the dwelling with which it is associated

10 A dwelling should have a minimum site area (and in the case of residential flat buildings, an average site area per dwelling) and a frontage to a public road not less than that shown in the following table:

Dwelling type	Site area (square metres)	Minimum frontage (metres)
Detached	1000 minimum	20
Semi-detached	600 minimum	12
Group dwelling	1200 average	24
Residential flat building	500 average	20
Row dwelling	500 minimum	10

Land Division

- 11 Allotments should vary in size and be suitable to facilitate a use of land consistent with the objectives for the zone and should have:
 - (a) an area of not less than 1000 square metres
 - (b) an average width of at least 20 metres.

PROCEDURAL MATTERS

Complying Development

Complying developments are prescribed in Schedule 4 of the Development Regulations 2008.

Non-complying Development

Development (including building work, a change in the use of land, or division of an allotment) for the following is non-complying:

Form of development	Exceptions
Crematorium	
Dairy	
Fuel depot	
General industry	
Horse keeping	
Horticulture	
Intensive animal keeping	
Road transport terminal	
Shop or group of shops	Except where the gross leasable area is 250 square metres or less.
Special industry	
Stock sales yard	

Form of development	Exceptions
Stock slaughter works	
Waste reception, storage, treatment or disposal	Except where it is in the form of a recycling collection depot.
Wrecking yard	

Public Notification

Categories of public notification are prescribed in Schedule 9 of the Development Regulations 2008.

Table Section

Table NtA/1 - Building Setbacks from Road Boundaries

Road Boundary Where it is located within the following towns:		Setback distance from road boundary 6 metres from the primary road boundary	
(b)	Gladstone		
(c)	Laura		
(d)	Spalding		
	is located within Jamestown Low Density Policy Area 3	15 metres	
Where it is located within the Township Zon e		6 metres from the primary road boundary	
		4 metres from the secondary road boundary in the case of a corner allotment	
Where it Area 2	is located within Township Fringe Policy	30 metres	
Where it	is located within the Rural Living Zone	50 metres from the Jamestown to Caltowie Road	
-		30 metres from all other roads	
Where it	is located within the following zones:	50 metres except for wind farms and ancillary	
(a)	Primary Production Zone (excluding Township Fringe Policy Area 2)	development	
(b)	Rural Landscape Protection Zone		

Table NtA/2 - Off Street Vehicle Parking Requirements

Form of Development	Number of Required Car Parking Spaces
Amusement machine centre	1 per 15 square metres floor area of the billiard saloon.
Bowling club	20 per bowling green.
Clubroom	1 per 15 square metres floor area of the clubroom.
Community centre	1 per 15 square metres total floor area.
Concert hall	1 per 7 seats.
Consulting room	2 per business used as a consulting room.
Dance hall	1 per 15 square metres floor area of the dance hall.
Dwelling (as cabins available for rent)	1 per dwelling.
Exhibition hall	1 per 15 square metres floor area of the hall.
Funeral parlour	1 per 7 chapel seats plus provision for vehicles operated by parlour.
Industry	1 per 150 square metres total floor area or 1 per 3 employees (whichever provides the larger number of parking spaces).
Guest house	1 per 3 beds.
Hospital	1 per 3 beds.
Hotel	1 per 3 square metres of bar floor area plus 1 per 9 square metres of lounge bar or beer garden floor area or 1 per 5 guest rooms (whichever provides the larger number of parking spaces).
Indoor recreation centre	1 per 15 square metres floor area of the place.
Meeting hall	1 per 7 seats.
Motel	1 per 3 guest rooms or residential units 1 one per 15 square metres total floor area of restaurant (if provided).
Motor repair station	1 per 50 square metres total floor area or 1 per 2 employees (whichever provides the larger number).
Multiple dwelling, residential flat building	1 per dwelling unit plus 1 per 3 dwelling units for visitor parking.
Multiple dwelling	1 per 3 beds.
Office	1 per 35 square metres of floor area providing office accommodation with the minimum of 2 car parking spaces.
Petrol filling station	10 spaces per station for customer and employee use
Place of worship	1 per 7 seats.
Plant nursery (retail)	1 per 200 square metres total floor area or car parking area equal to 8 per cent of the site (whichever provides the larger number of parking spaces).
Public meeting hall	1 per 15 square metres floor area of the place.

Form of Development	Number of Required Car Parking Spaces
Reception hall	1 per 6 square metres floor area devoted to reception area.
Restaurant	1 per 15 square metres total floor area.
Shop	1 per 25 square metres total floor area.
Showroom	1 per 150 square metres total floor area.
Stadium	1 per 20 square metres of floor area of the stadium.
Store	1 per 150 square metres total floor area or 1 per 3 employees (whichever provides the larger number of parking spaces).
Squash court	2 per court
Supported accommodation	1 per 10 residents plus 1 per 2 staff plus 1 per 5 residents (for visitors).
Theatre	1 per 7 seats.
Warehouse	1 per 150 square metres total floor area or 1 per 3 employees (whichever provides the larger number of parking spaces).

Table NtA/3 - State Heritage Places

Property Address	Description and/or Extent of Listed Place	Lot No. or Part Sec	Plan No.	Certificate of Title	Section 16 Criteria	SA Heritage Register ID
BELALIE EAST	Coolootoo Shepherd's Hut	S4	H241100	CT 5694/566	a b	25045
Spalding Road BUNDALEER NORTH	North Bundaleer Homestead	A2	D46505	CT 5398/925		12363
Springs Road BUNDALEER VIA JAMESTOWN	Conservator's Hut, former Forest Office and 1876 Nursery Site, Bundaleer Forest Reserve	S286 & 399	H240200	CR 5653/764	а	14677
42 Gladstone Terrace GLADSTONE	Former National Bank Gladstone Branch	A251	T240301	CT 5586/468	e	19040
44 Gladstone Terrace GLADSTONE	Bank SA (originally Savings Bank of SA) Building	A250	T240301	CT 5612/404	e	19038
Ward Street GLADSTONE	Former Gladstone Gaol	S413	H240300	CT 5816/581		12704
near GULNARE	Bundaleer Reservoir Tower, Two Aqueducts, Three Weirs, Channel Systems and Reservoir Keeper's House	A10 S226 S301	D12564 D12564 H241100	N/A CT 5443/810 CR 5757/862 CR 5757/864	abcd	14710
21 Ayr Street JAMESTOWN	National Bank Jamestown Branch and Fence	A201	F187523	CT 5616/752	е	12762
42 Ayr Street JAMESTOWN	Foodland Supermarket (former Eudunda Farmers Store)	A111	F187433	CT 5647/750	beg	11037
5 Irvine Street JAMESTOWN	Jamestown Post Office and Dwelling	A11	T240201	CT 5248/183	а	14684
Irvine Street JAMESTOWN	Trooper Goodes Memorial [Boer War]			N/A	b g	19042
Hughes Street LAURA	Art Gallery (former Laura Courthouse)	A112	T240302	CR 5759/621		10151
South East of Spalding SPALDING	Spalding Railway Bridge over the River Broughton [Concrete Arch]	A522	F187034	CR 5593/611		14607
Tarcowie to Appila Road TARCOWIE	Stagg Farm Complex (including substantial ruins of farmhouse, water closet, hay shed, implement shed, former pigsty, dam and old fencing)	S252	H310900	CT 5457/66	a c d	19043

Note: this table was last updated on 19 March 2010 and is an extract from the South Australian Heritage Register established under section 13 (1) of the *Heritage Places Act 1993*. In the event of a discrepancy between this extract and the South Australian Heritage Register, the South Australian Heritage Register shall prevail.

Mapping Section Map Reference Tables Spatial Extent Maps Bushfire Risk Maps Concept Plan Maps

Map Reference Tables

Index Maps

Map Reference

Council Index Map

Zone Maps

Zone Name	Map Numbers
Airfield Zone	NtA17
Bulk Handling Zone	NtA6, NtA/12, NtA/14, NtA/16, NtA/23, NtA/24
Commercial Zone	NtA/5, NtA/13, NtA/16, NtA/17, NtA/21, NtA/22, NtA/24
Community Zone	NtA/2, NtA/5, NtA/6, NtA/11, NtA/13, NtA/14, NtA/16, NtA/19, NtA20, NtA/21, NtA/23, NtA/24
Home Industry Zone	NtA/17, NtA/20
Light Industry Zone	NtA/5, NtA/13, NtA/15, NtA/16, NtA/17, NtA/18, NtA/19, NtA/20, NtA/22, NtA23, NtA/24
Primary Production Zone	NtA/1, NtA/2, NtA/3, NtA/4, NtA/5, NtA/6, NtA/7, NtA8, NtA/9, NtA/10, NtA/11, NtA/12, NtA/13, NtA/14, NtA/15, NtA/16, NtA/17, NtA/18, NtA/19, NtA/20, NtA/21, NtA/22, NtA/23, NtA/24
Residential Zone	NtA/5, NtA/6, NtA/13, NtA/16, NtA/17, NtA/19, NtA/20, NtA/21, NtA/22, NtA/23, NtA/24
Rural Landscape Protection Zone	NtA/3
Rural Living Zone	NtA/5, NtA/15, NtA/16, NtA/18, NtA/19, NtA/20, NtA/22
Town Centre Zone	NtA/5, NtA/13, NtA/16, NtA/19, NtA/22, NtA/24
Township Zone	NtA/2, NtA/4, NtA/6, NtA/11, NtA/12, NtA/14

Policy Area Maps

Policy Area Name	Map Numbers
Forestry Policy Area 1	NtA/7, NtA8
Township Fringe Policy Area 2	NtA/5,NtA/15, NtA/16, NtA/17, NtA/18, NtA/19, NtA/20, NtA/23, NtA/24
Jamestown Low Density Living Policy Area 3	NtA/17, NtA/20

Overlay Maps

Issue	Map Numbers
Location	NtA/1, NtA/2, NtA/3, NtA/4, NtA/5, NtA/6, NtA/7, NtA8, NtA/9, NtA/10, NtA/11, NtA/12, NtA/13, NtA/14, NtA/15, NtA/16, NtA/17, NtA/18, NtA/19, NtA/20, NtA/21, NtA/22, NtA/23, NtA/24
Transport	NtA/1, NtA/2, NtA/3, NtA/4, NtA/5, NtA/6, NtA/7, NtA8, NtA/9, NtA/10, NtA/11, NtA/12, NtA/13, NtA/14, NtA/15, NtA/16, NtA/17, NtA/18, NtA/19, NtA/20, NtA/21, NtA/22, NtA/23, NtA/24
Heritage	NtA/1, NtA/5, NtA/8, NtA/19, NtA/22, NtA/24.

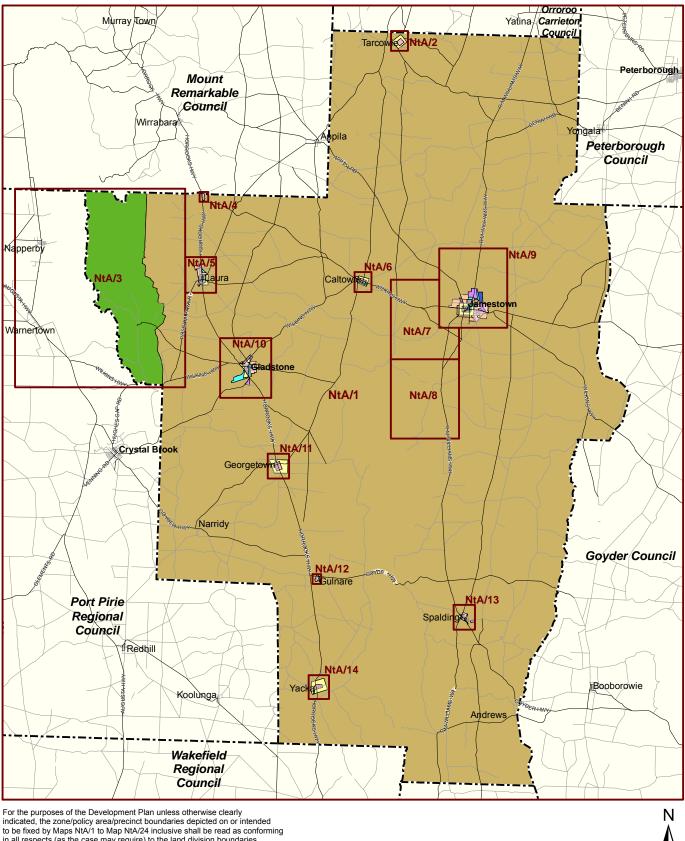
Bushfire Protection Overlay Maps

Bushfire Map Type	BPA Map Numbers	
Bushfire Protection - Bushfire Risk	NtA/1, NtA/2, NtA/3, NtA/4, NtA/5, NtA/6, NtA/7, NtA8, NtA/9, NtA/10, NtA/11, NtA/12, NtA/13, NtA/14, NtA/15, NtA/16, NtA/17, NtA/18, NtA/19, NtA/20	

Concept Plan Maps

Concept Plan Title	Map Numbers
Industrial/Commercial	Concept Plan Map NtA/1
Commercial	Concept Plan Map NtA/2
Industry	Concept Plan Map NtA/3
Ranges	Concept Plan Map NtA/4

Spatial Extent Maps

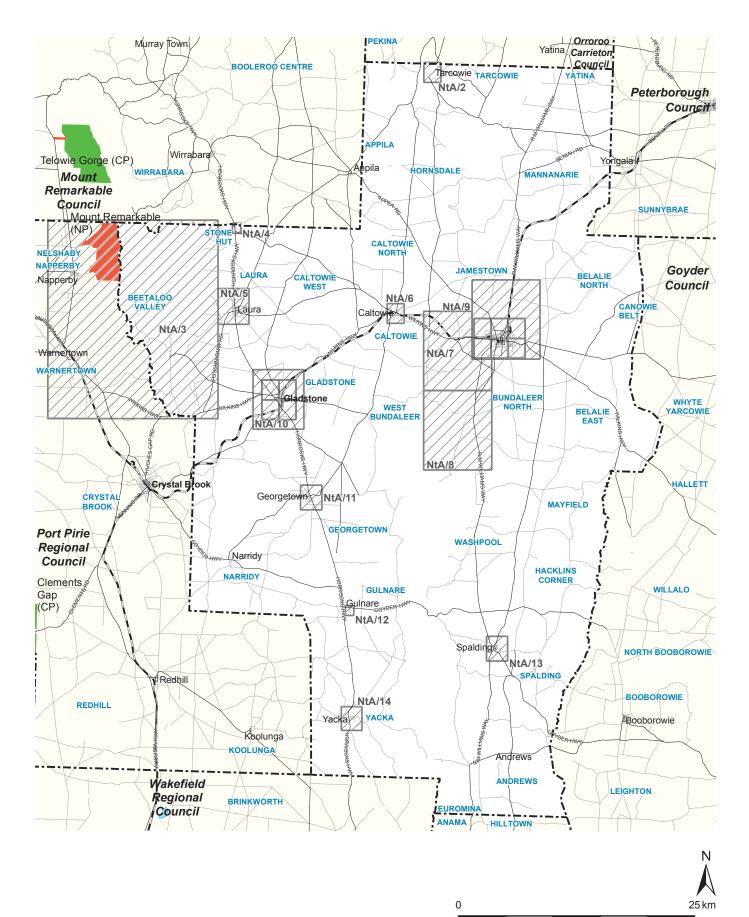


For the purposes of the Development Plan unless otherwise clearly indicated, the zone/policy area/precinct boundaries depicted on or intended to be fixed by Maps NtA/1 to Map NtA/24 inclusive shall be read as conforming in all respects (as the case may require) to the land division boundaries, to the centre line of roads or drain reserves or to the title boundaries, or to imaginary straight lines joining the positions defined by survey or by the measurements shown on the said maps against which the said zone/policy area/precinct boundaries are shown or otherwise indicated.

Council Index Map

0

25 km



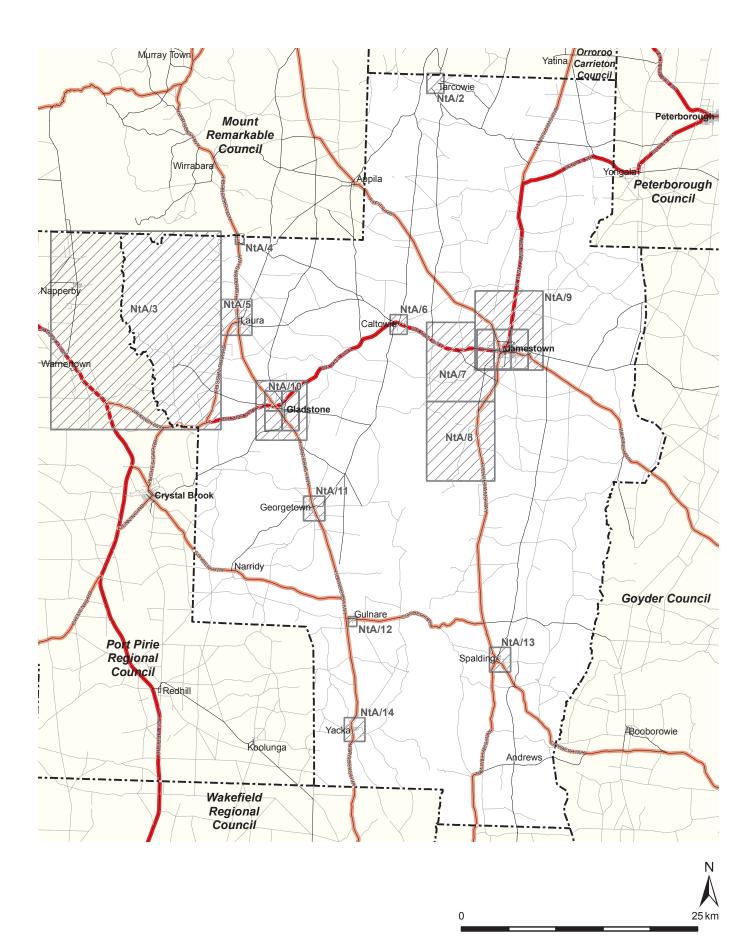
С

Council Office

Development Plan Boundary

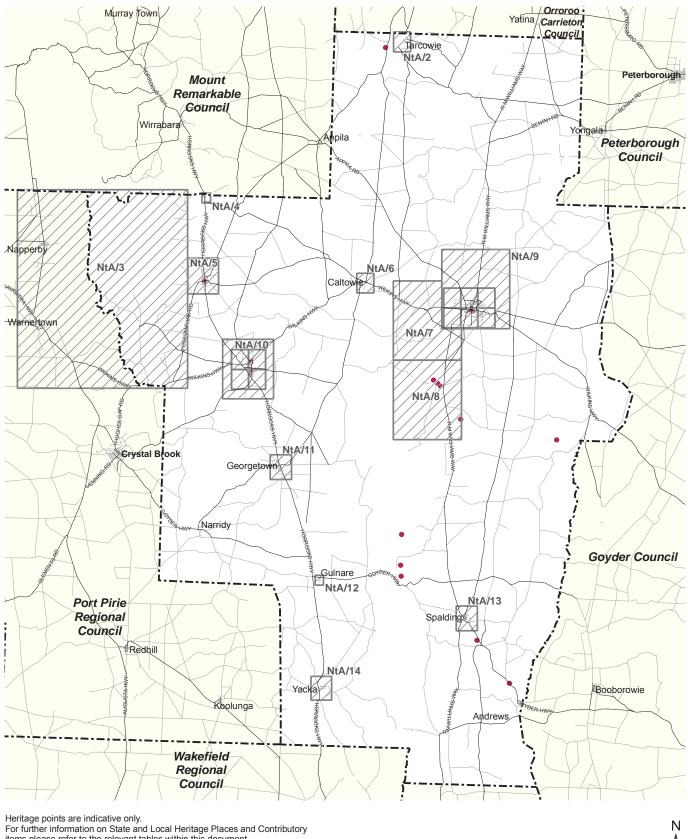
Railways National Park Conservation Park Waterbodies

Location Map NtA/1



Overlay Map NtA/1 TRANSPORT

Primary Arterial Roads Secondary Arterial Roads Development Plan Boundary



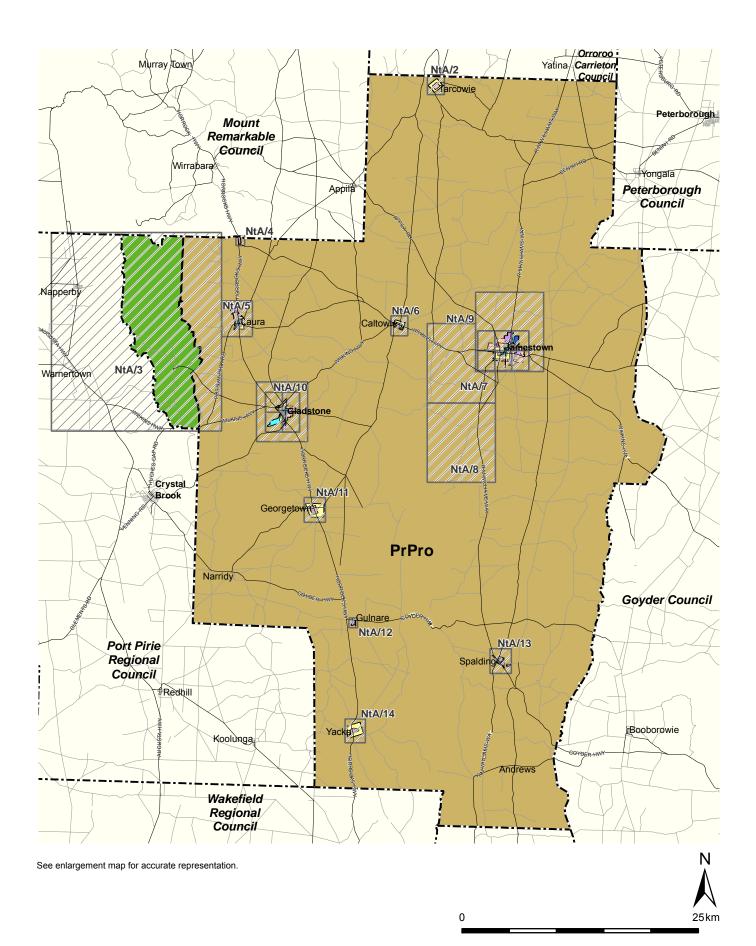
items please refer to the relevant tables within this document.

Overlay Map NtA/1 HERITAGE

0

NORTHERN AREAS COUNCIL Consolidated - 12 February 2015

25 km



Zone Map NtA/1





MAP NtA/1 Adjoins

A183

A182

S115

A185

A184

A186

S116

A181

A179

A178

S117

A177

S260

S259

MAP NtA/1 Adjoins

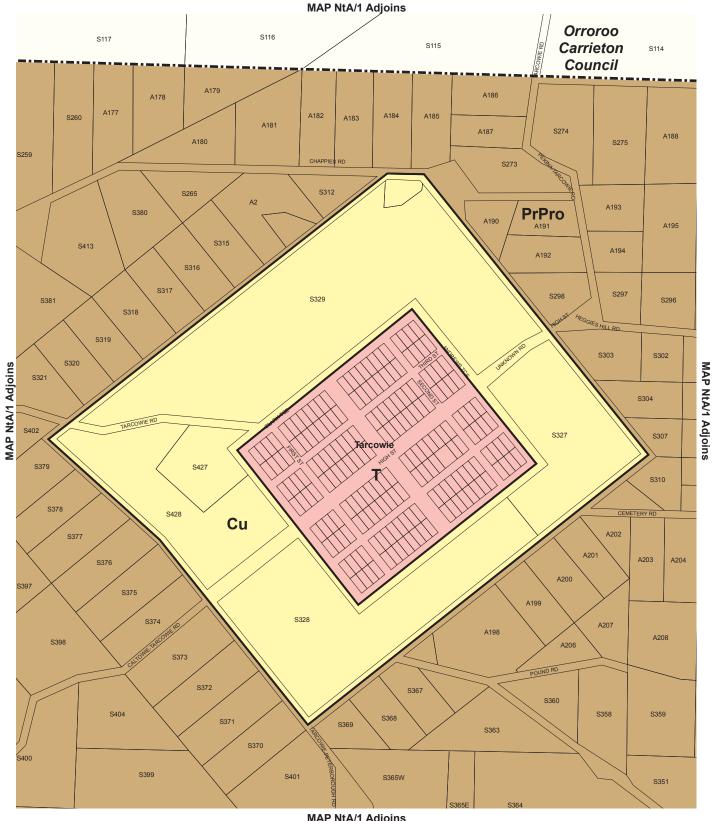
TARCOWIE

Orroroo

Carrieton Council

S114

Location Map NtA/2



MAP NtA/1 Adjoins

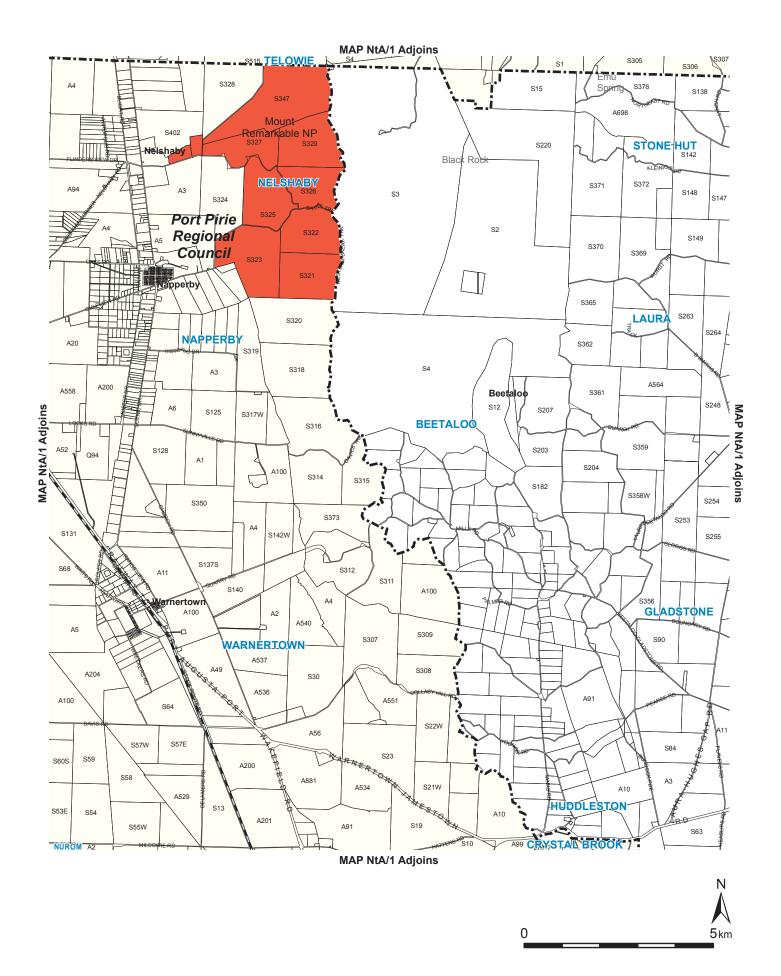
Lamberts Conformal Conic Projection, GDA94

0		N 500 m

TARCOWIE

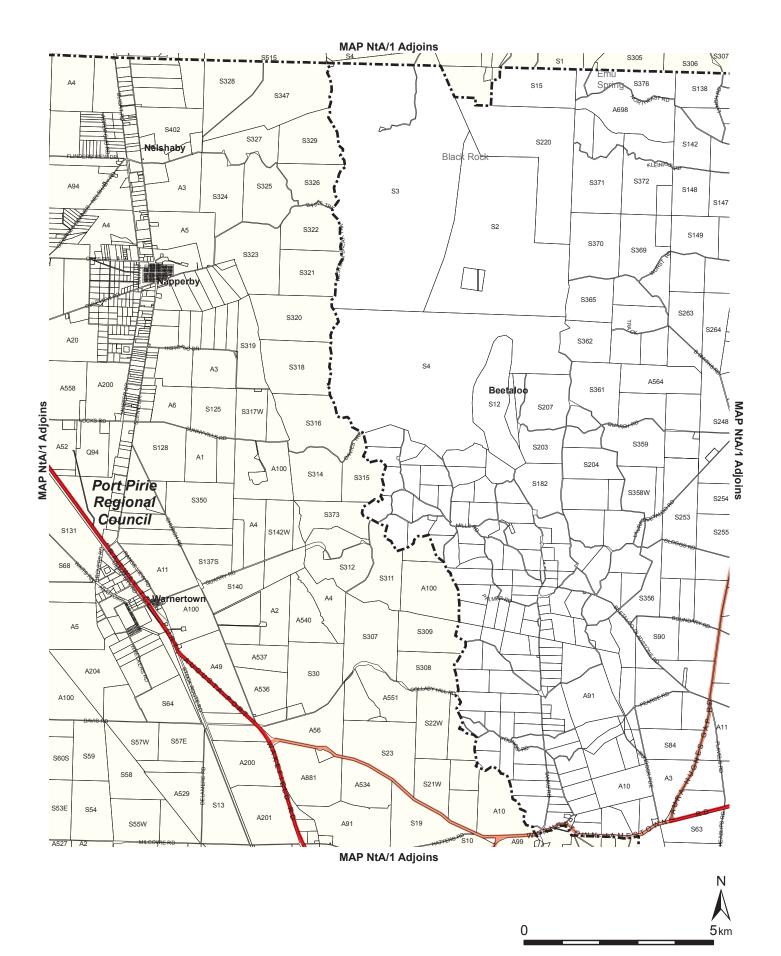
Zone Map NtA/2

Zones		
Cu	Community	
PrPro	Primary Production	
т	Township	
	Zone Boundary	
	Development Plan Boundary	



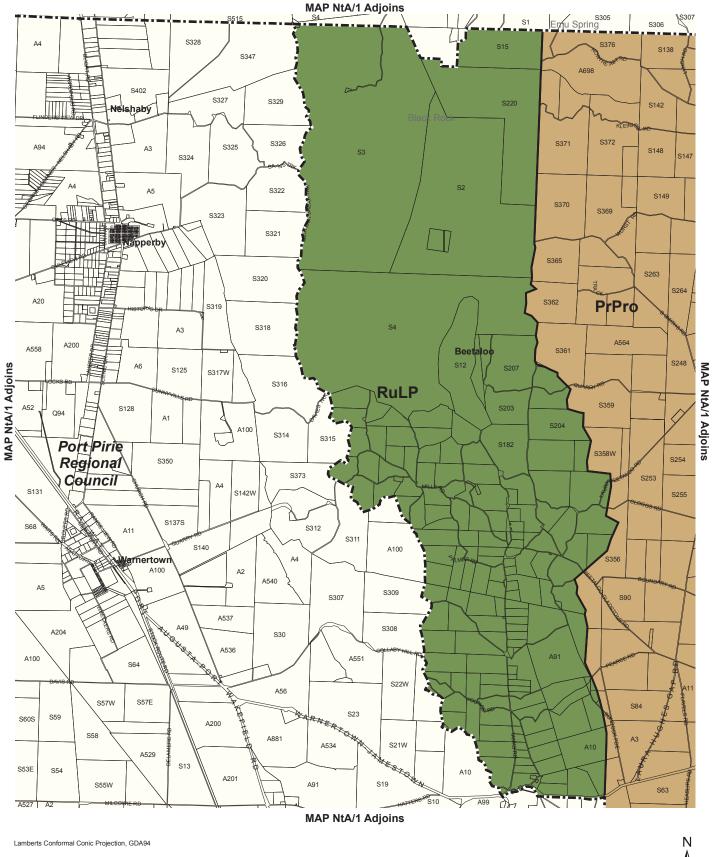
Location Map NtA/3





Overlay Map NtA/3 TRANSPORT

Primary Arterial Roads Secondary Arterial Roads Development Plan Boundary





Zones

PrPro Primary Production RuLP Rural Landscape Protection Zone Boundary Development Plan Boundary

Zone Map NtA/3

0

5 km

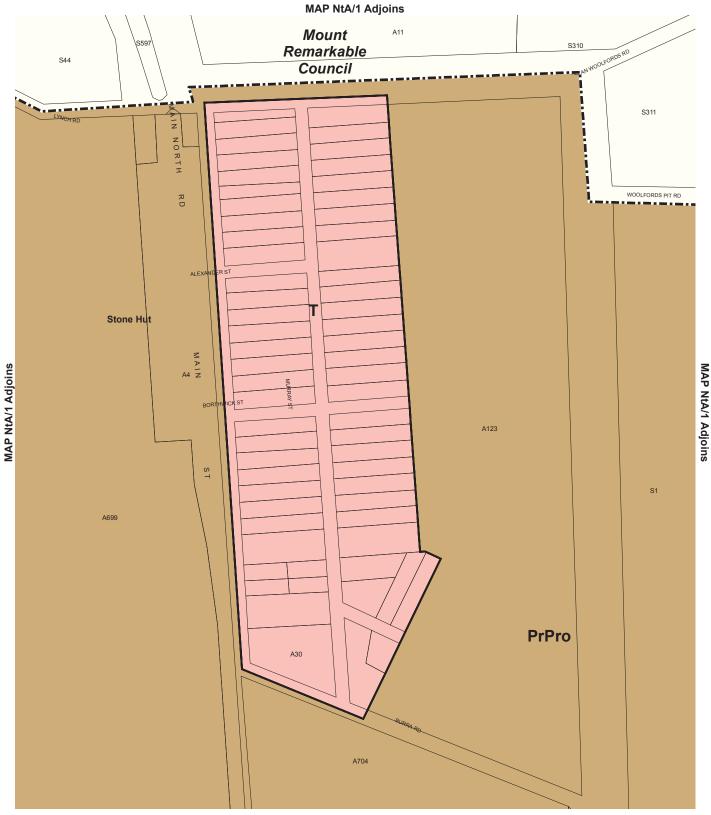


Location Map NtA/4



Overlay Map NtA/4 TRANSPORT

Secondary Arterial Roads



MAP NtA/1 Adjoins

Lamberts Conformal Conic Projection, GDA94

0______N 250 m

STONE HUT

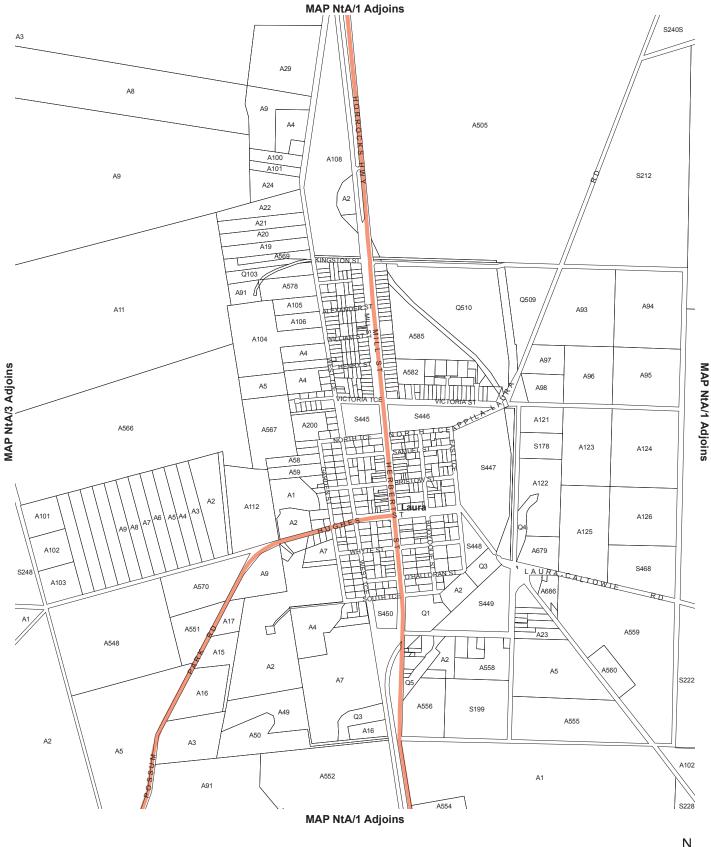
Zone Map NtA/4





Location Map NtA/5

School
 Other Health Services
 Hospital
 Local Reserves





LAURA

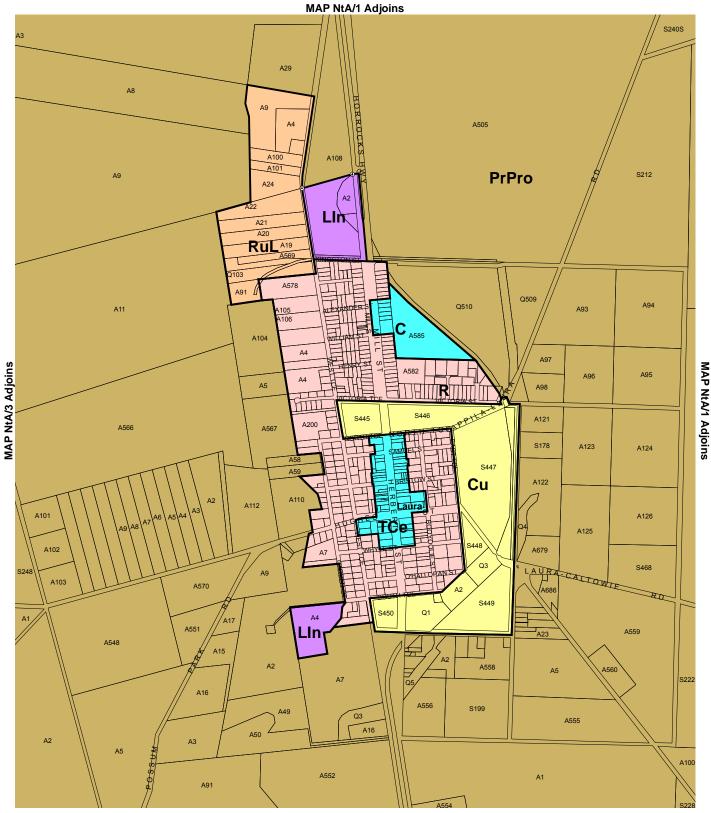
Overlay Map NtA/5 TRANSPORT



Heritage points are indicative only. For further information on State and Local Heritage Places and Contributory Items please refer to the relevant tables within this document. 0_____N 500 m

LAURA

Overlay Map NtA/5 HERITAGE



MAP NtA/1 Adjoins

Lamberts Conformal Conic Projection, GDA94

Zones

C Commercial Cu Community Lin Light Industry PrPro Primary Production R Residential RuL Rural Living TCe Town Centre Zone Boundary



LAURA

Zone Map NtA/5



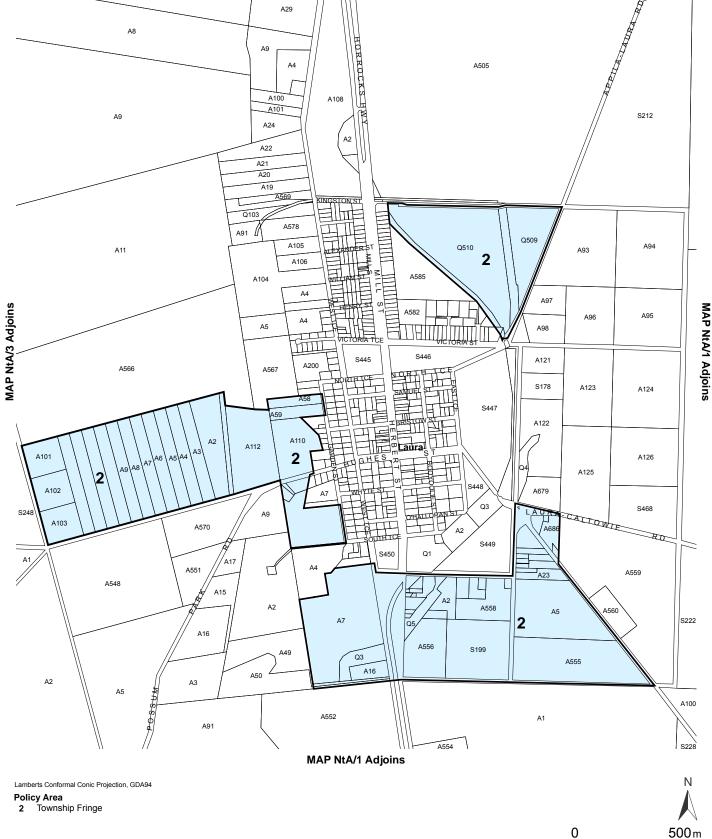
LAURA

S240S

Policy Area Map NtA/5



A3



MAP NtA/1 Adjoins



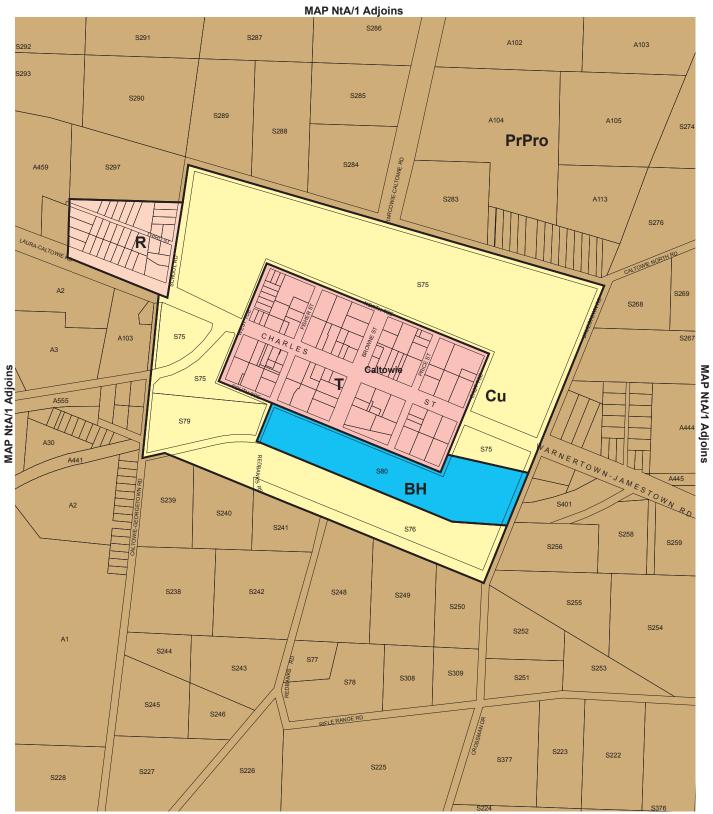
CALTOWIE

Location Map NtA/6





Overlay Map NtA/6 TRANSPORT



MAP NtA/1 Adjoins

Lamberts Conformal Conic Projection, GDA94

Zones		
вн	Bulk Handling	
Cu	Community	
PrPro	Primary Production	
R	Residential	
т	Township	
	Zone Boundary	

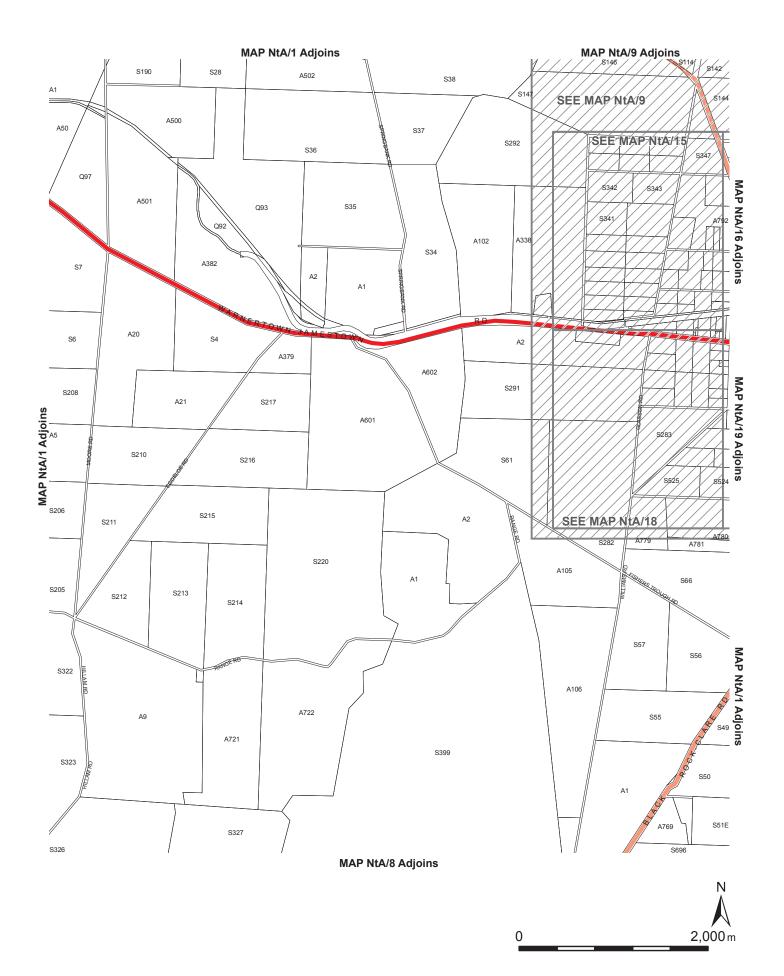


CALTOWIE

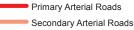
Zone Map NtA/6

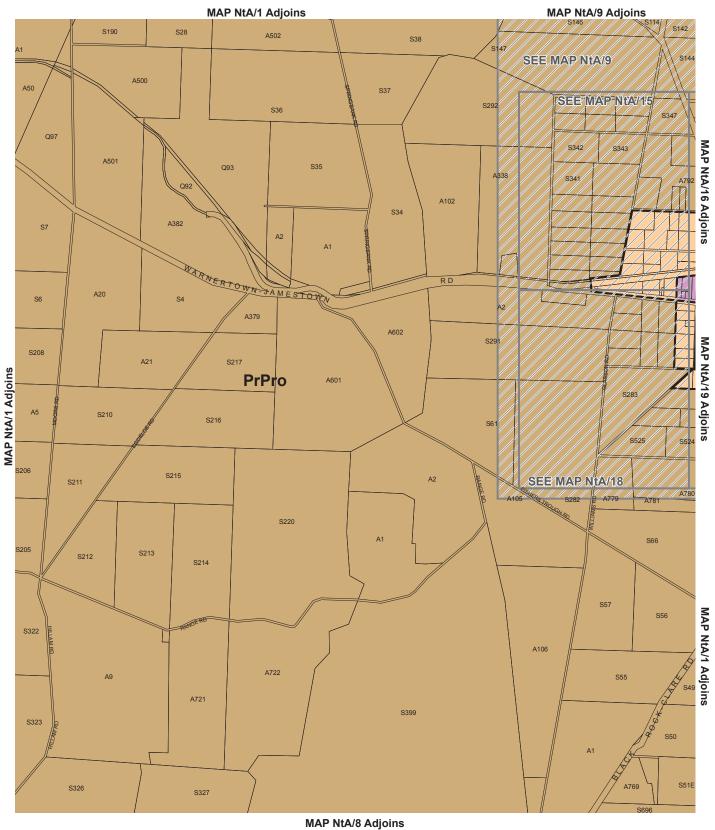


Location Map NtA/7



Overlay Map NtA/7 TRANSPORT

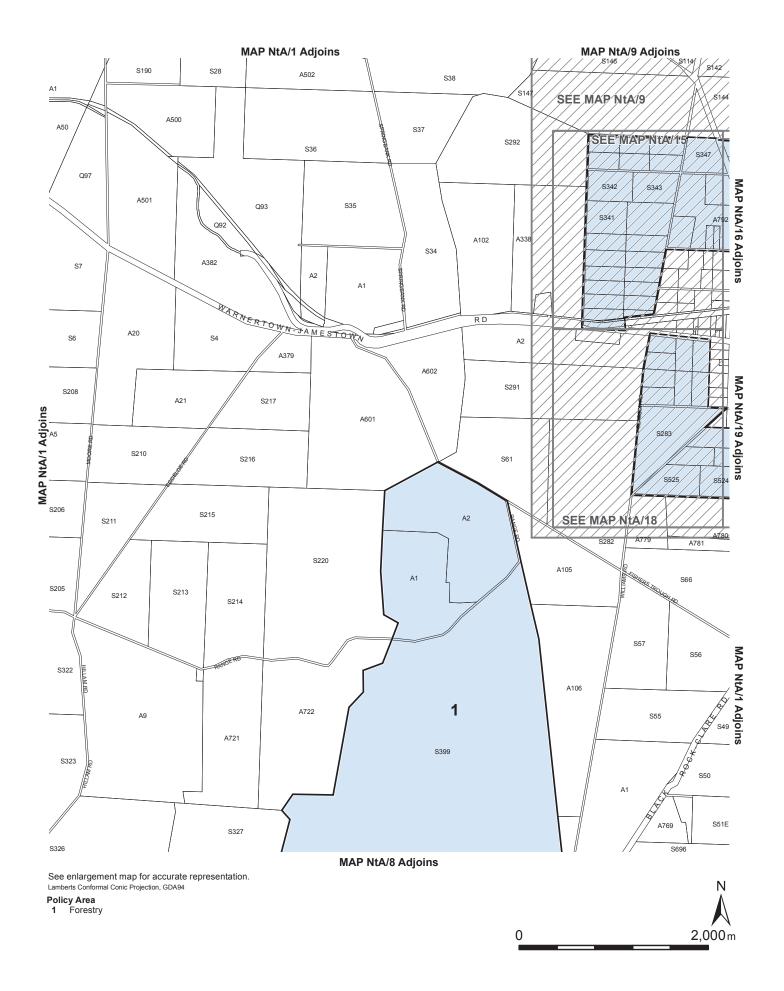




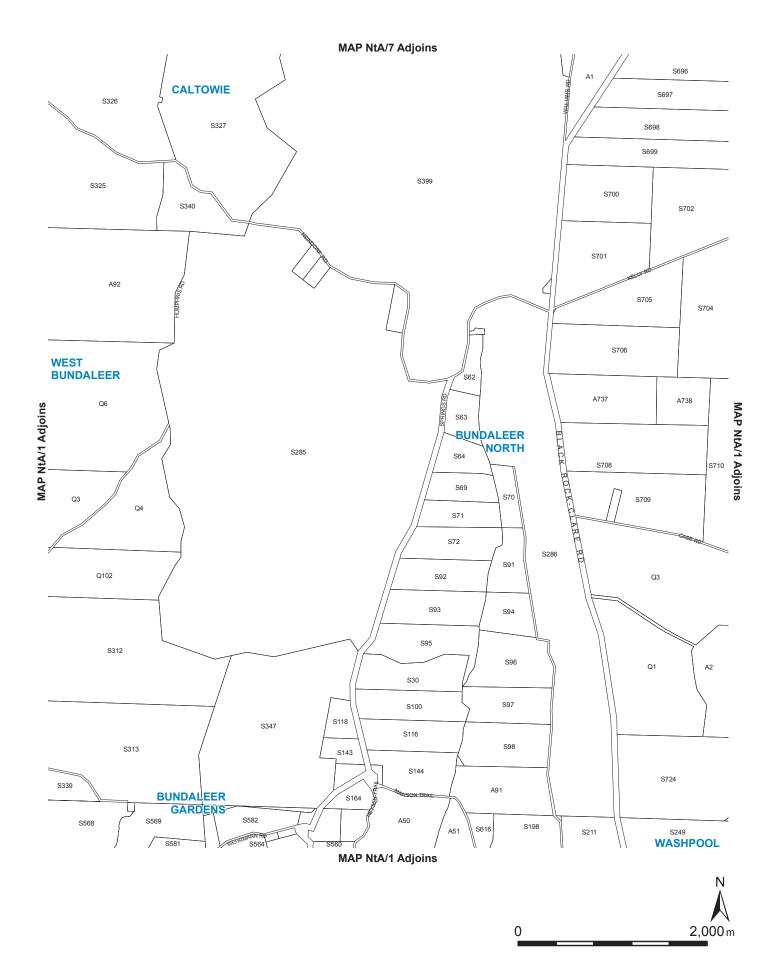
See enlargement map for accurate representation. Lamberts Conformal Conic Projection, GDA94



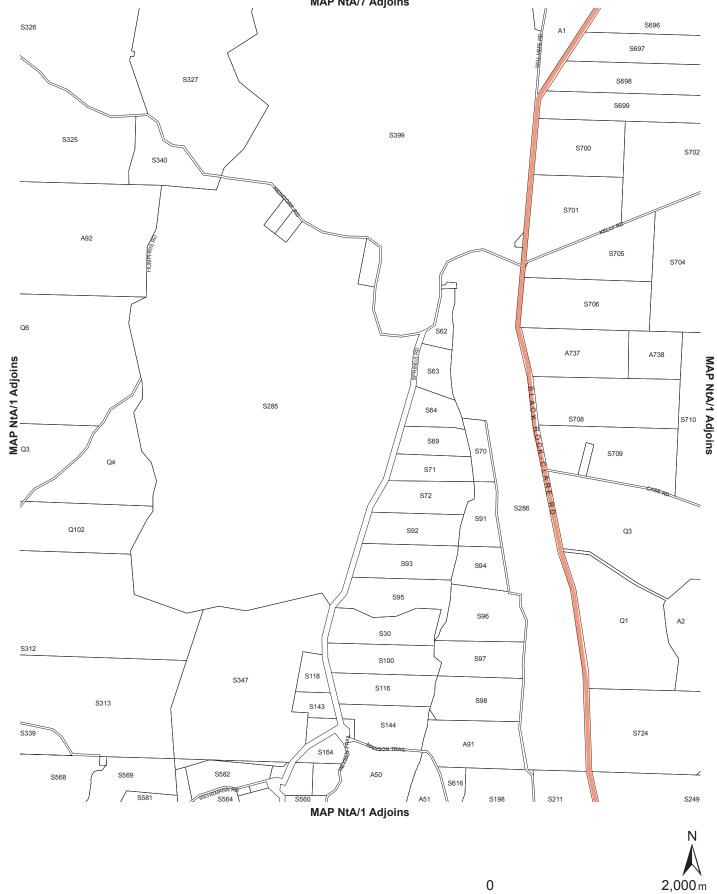
Zone Map NtA/7



Policy Area Map NtA/7

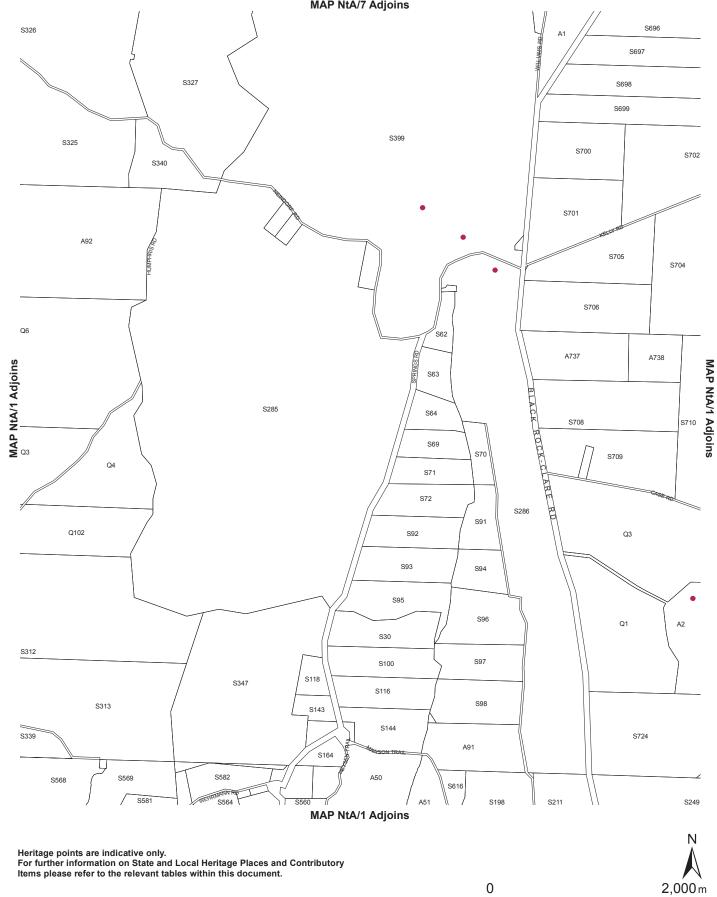


MAP NtA/7 Adjoins



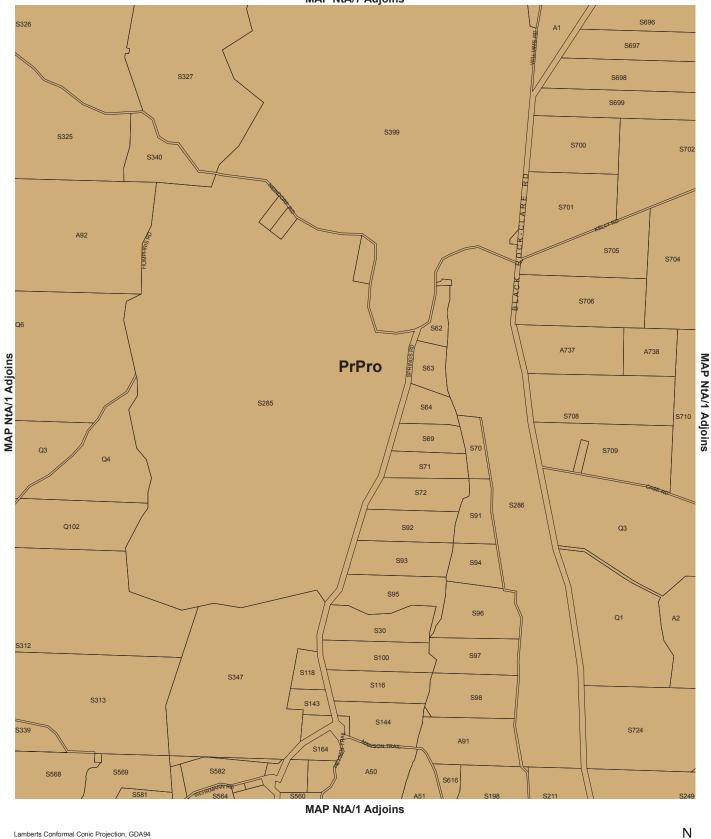
Overlay Map NtA/8 TRANSPORT

MAP NtA/7 Adjoins



Overlay Map NtA/8 HERITAGE

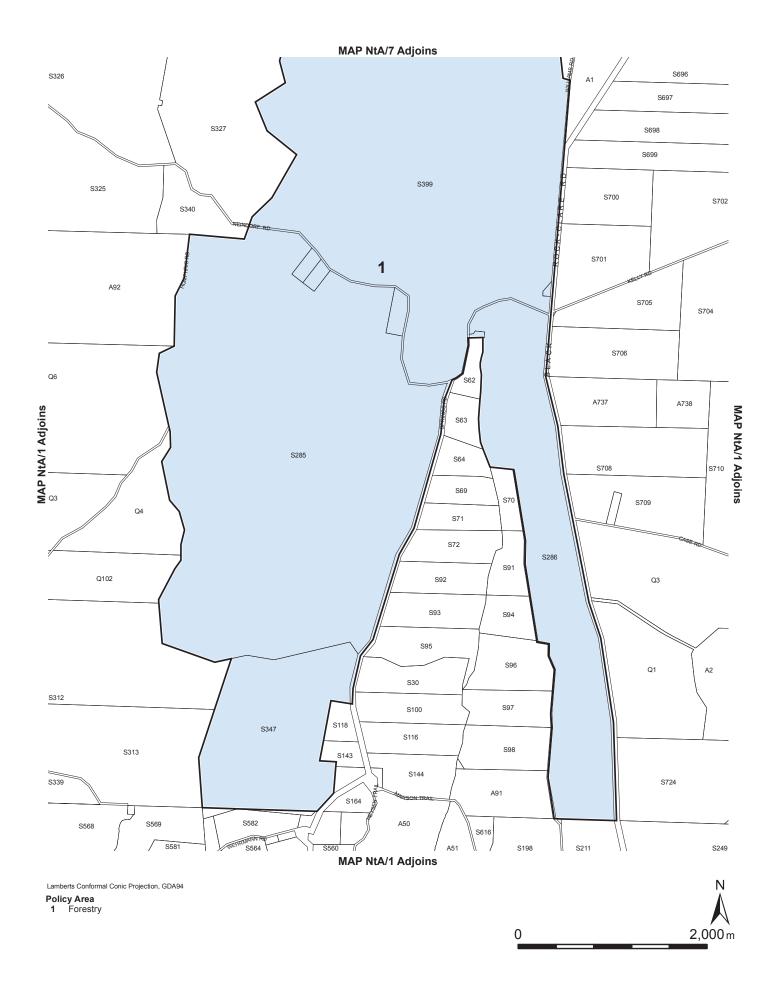
MAP NtA/7 Adjoins





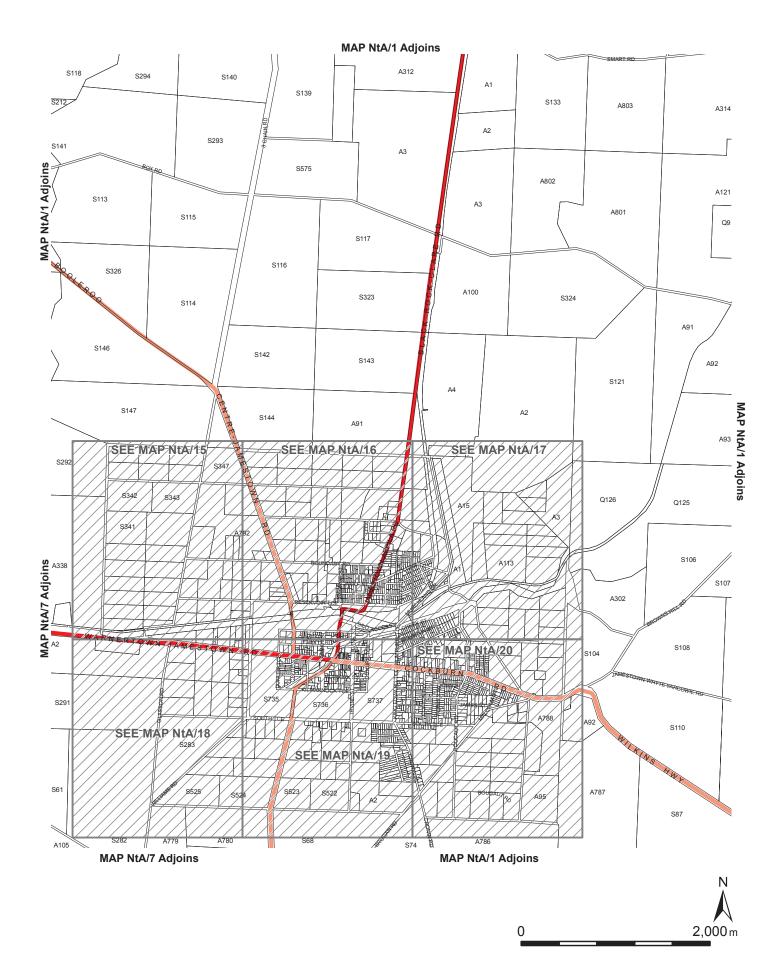
Zone Map NtA/8





Policy Area Map NtA/8

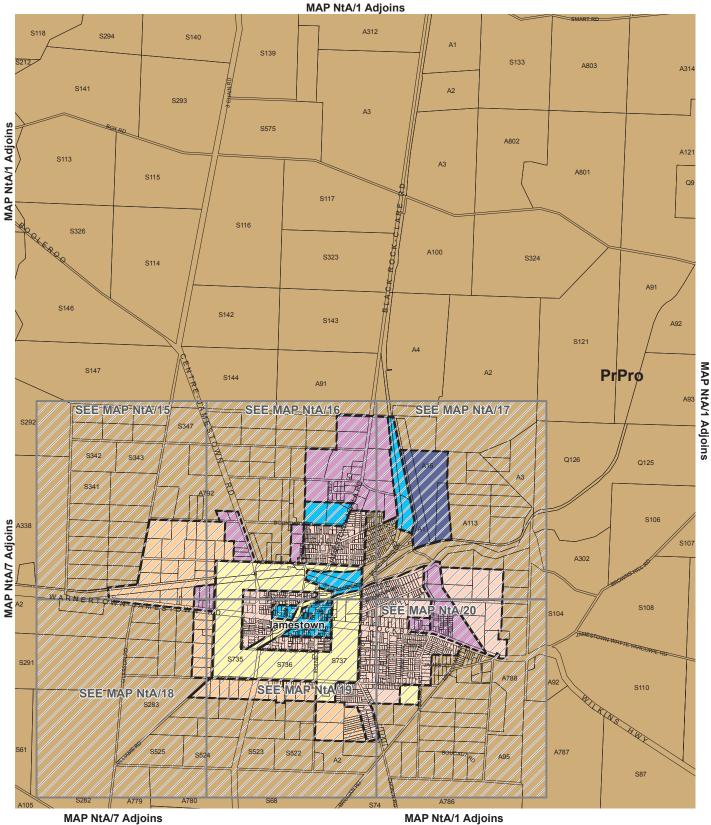




Overlay Map NtA/9 TRANSPORT

NORTHERN AREAS COUNCIL Consolidated - 12 February 2015

Primary Arterial Roads
 Secondary Arterial Roads





Zone Map NtA/9

See enlargement map for accurate representation. Lamberts Conformal Conic Projection, GDA94

Zones PrPro

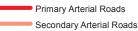
Primary Production Zone Boundary



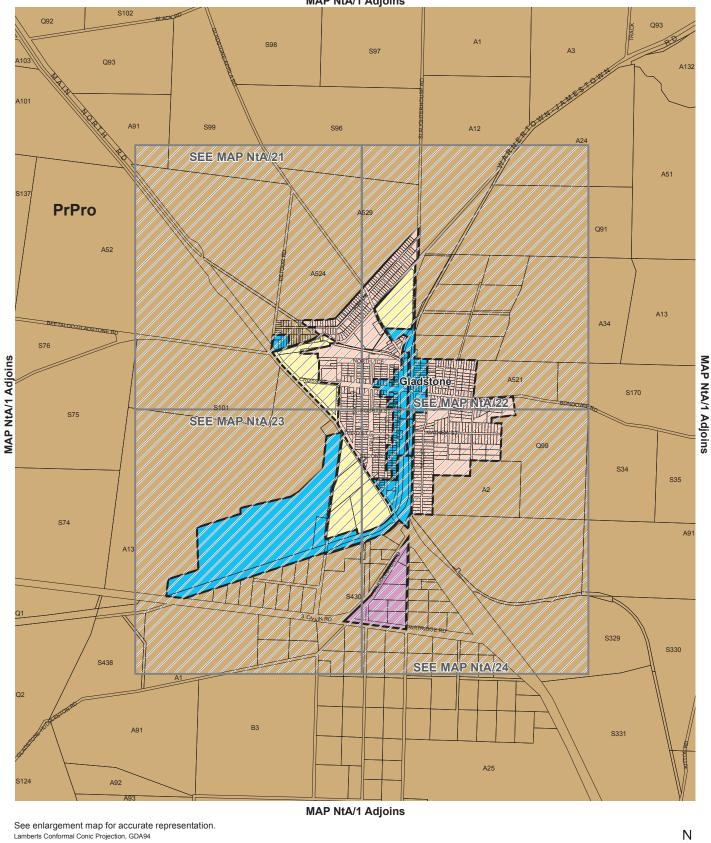


0 2,000 m

Overlay Map NtA/10 TRANSPORT



MAP NtA/1 Adjoins





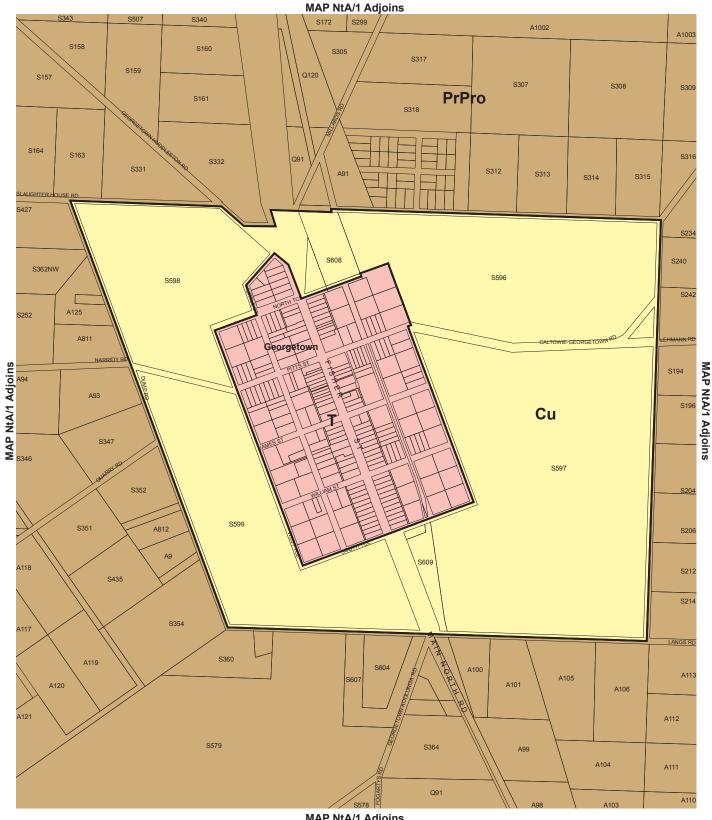
Zone Map NtA/10





GEORGETOWN

Overlay Map NtA/11 TRANSPORT



MAP NtA/1 Adjoins

Lamberts Conformal Conic Projection, GDA94

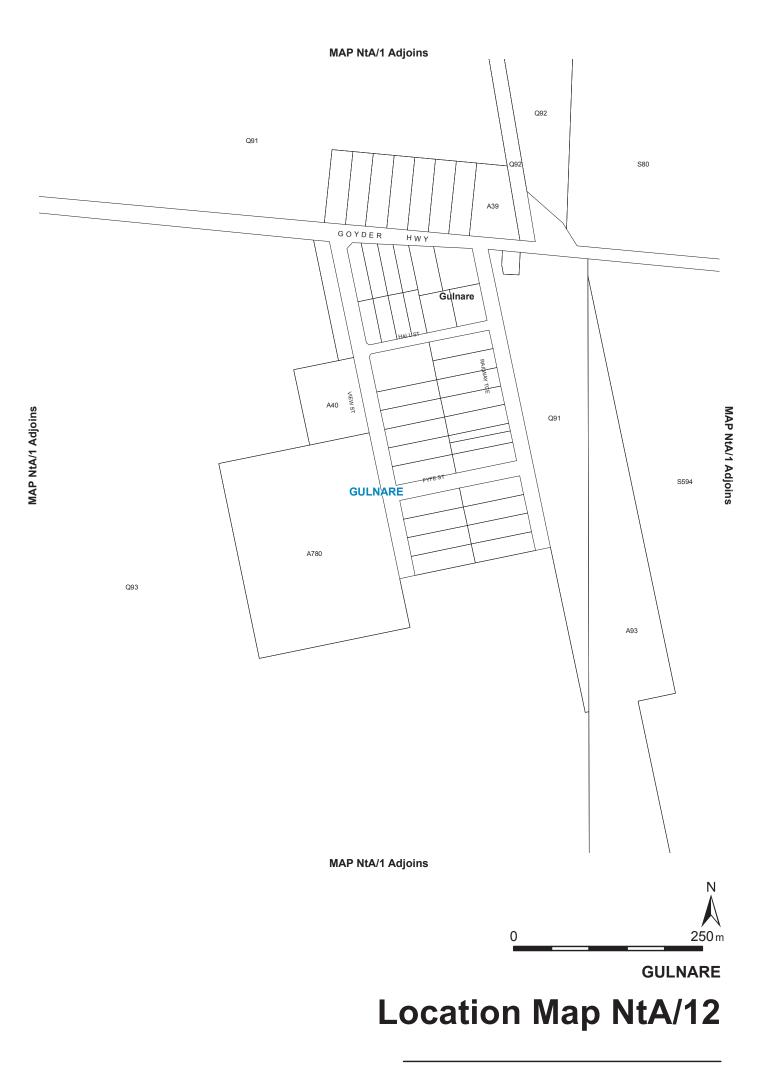
Ν 0 **500** m

GEORGETOWN

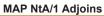
Zone Map NtA/11

Zones

Cu Community PrPro Primary Production Township т Zone Boundary









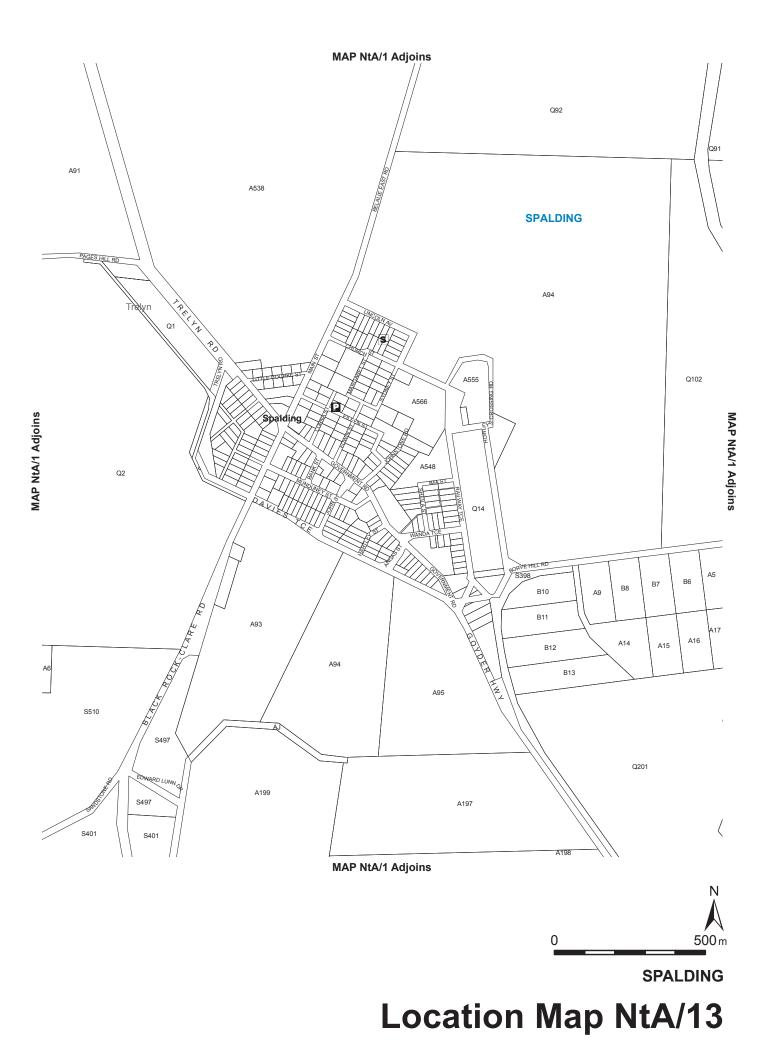
Lamberts Conformal Conic Projection, GDA94

Ν 250 m 0

GULNARE Zone Map NtA/12

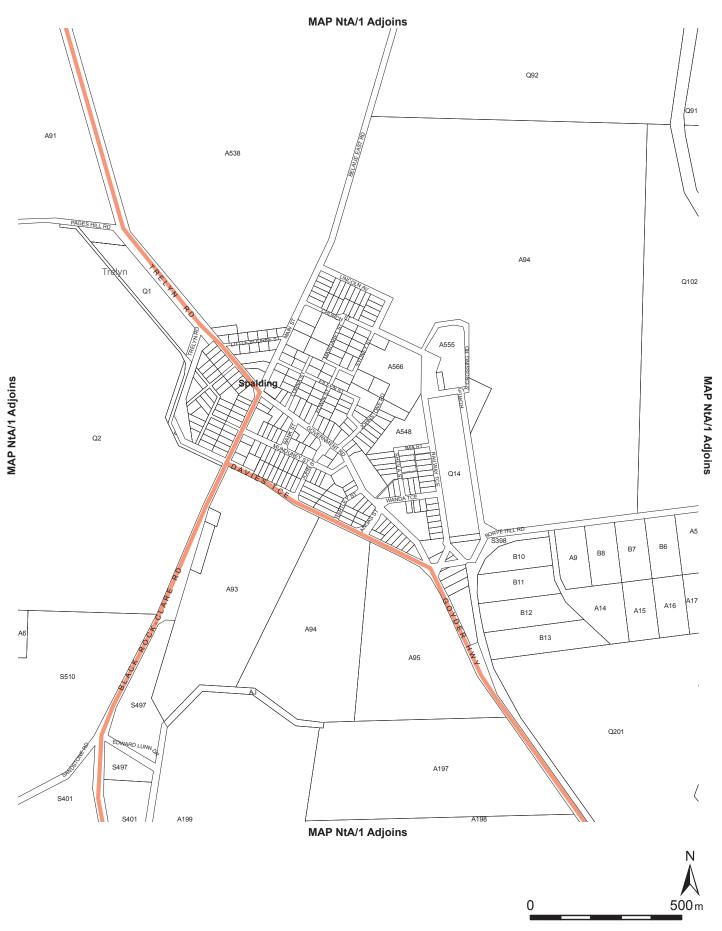
Zones

BH Bulk Handling PrPro Primary Production т Township Zone Boundary



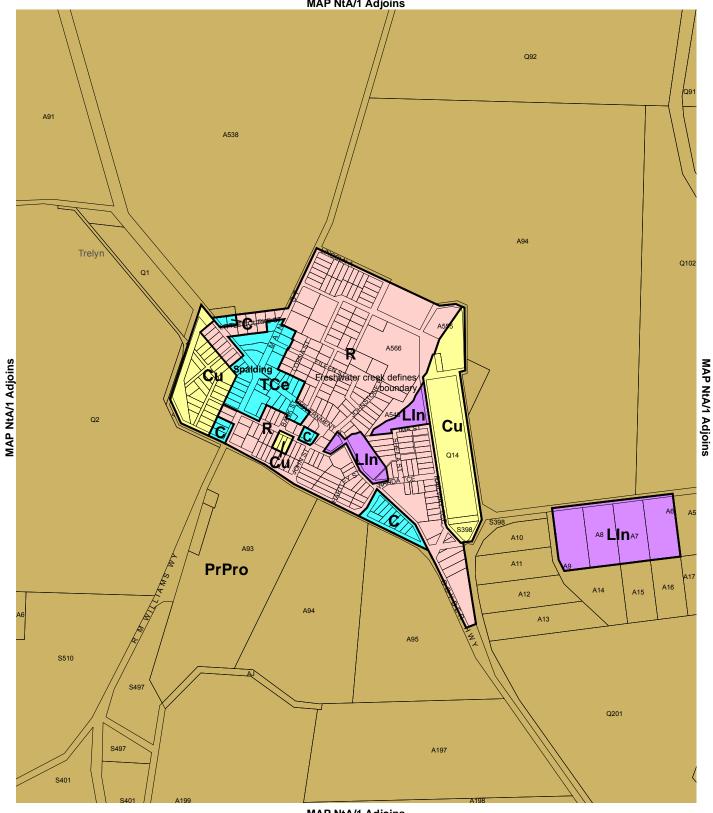
S

Ρ



SPALDING

Overlay Map NtA/13 TRANSPORT MAP NtA/1 Adjoins



MAP NtA/1 Adjoins

Lamberts Conformal Conic Projection, GDA94

Zones С Commercial Cu Community Lln Light Industry PrPro Primary Production R Residential TCe Town Centre Zone Boundary



SPALDING

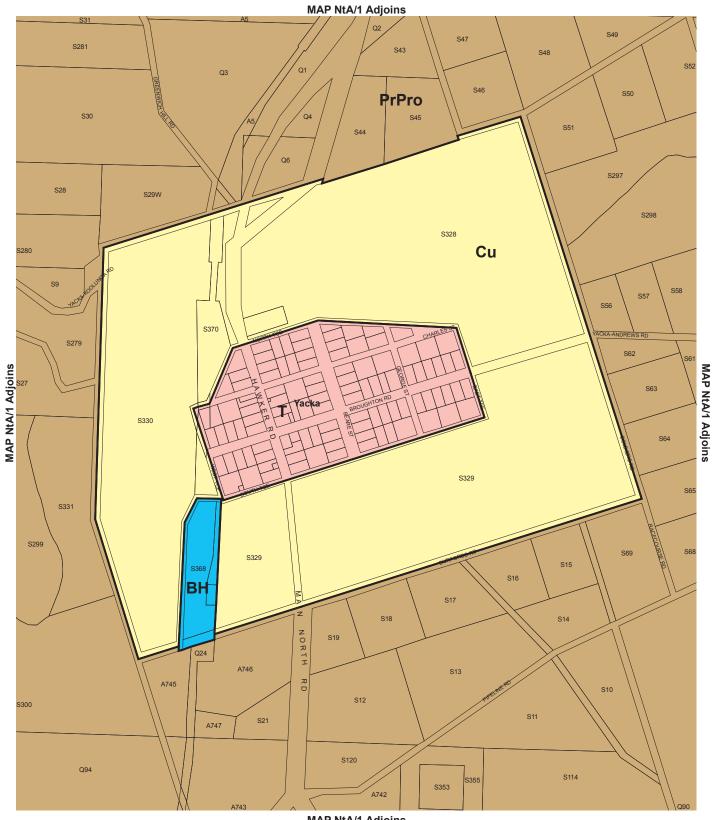
Zone Map NtA/13





YACKA

Overlay Map NtA/14



MAP NtA/1 Adjoins

Lamberts Conformal Conic Projection, GDA94

Bulk Handling

Primary Production

Zone Boundary

Community

Township

Zones

вH Cu

PrPro

т

Ν 500 m 0

YACKA

Zone Map NtA/14



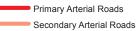
JAMESTOWN





JAMESTOWN

Overlay Map NtA/15 TRANSPORT





Zone Map NtA/15

0

500 m

JAMESTOWN

S328

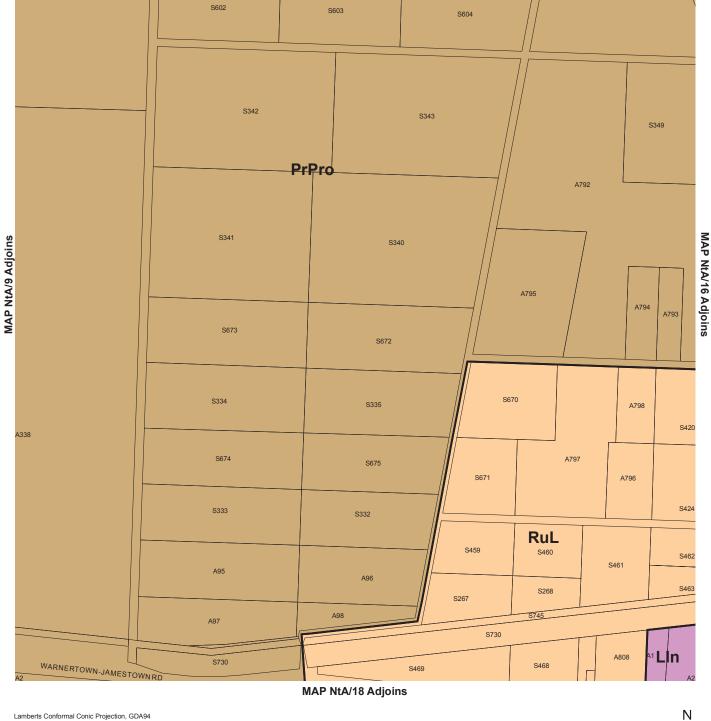
S347

\S144

Zones

S292

Lln Light Industry PrPro Primary Production RuL Rural Living Zone Boundary



MAP NtA/9 Adjoins S147

S345

S346

S344

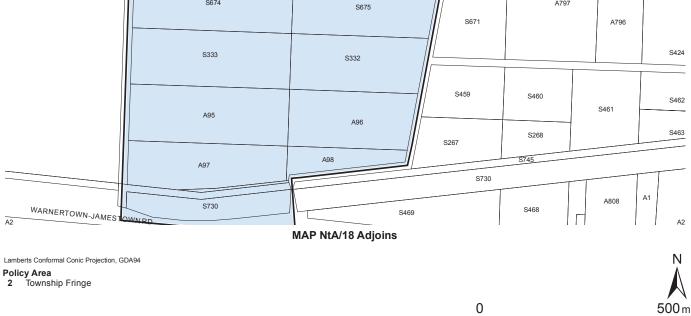
JAMESTOWN

A2

S328

\S144

Policy Area Map NtA/15

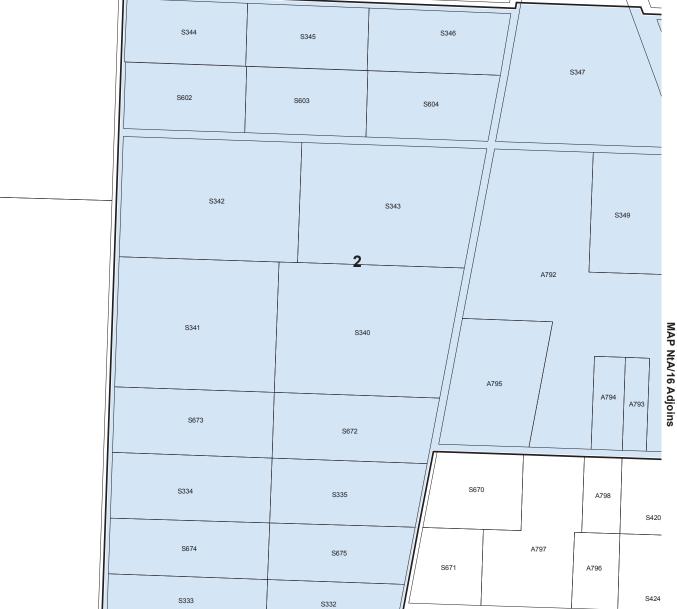


MAP NtA/9 Adjoins

A338

A2

S292



MAP NtA/9 Adjoins S147

MAP NtA/9 Adjoins





500 m

Location Map NtA/16

0

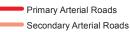
MAP NtA/9 Adjoins



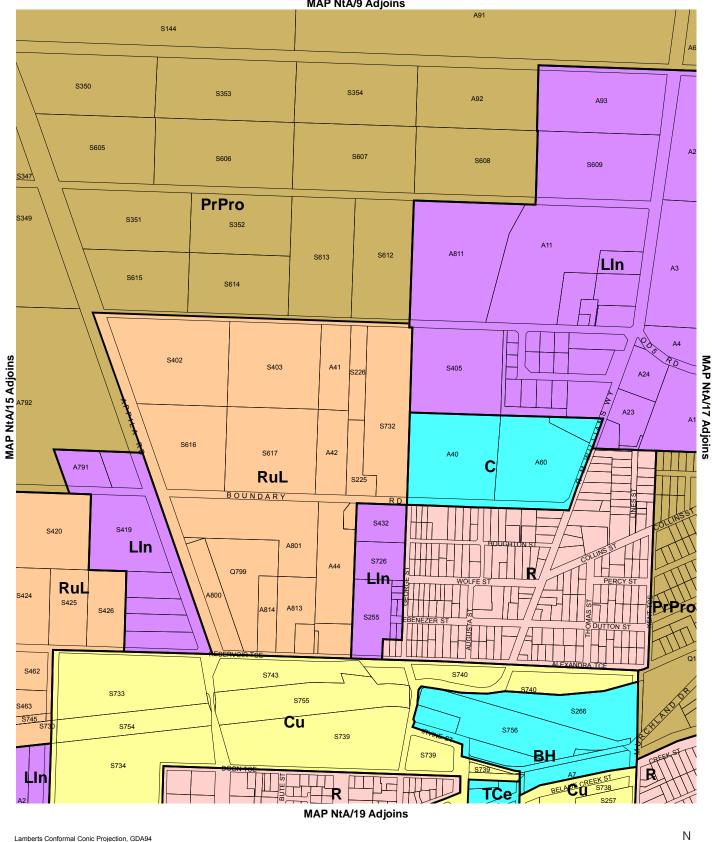


JAMESTOWN

Overlay Map NtA/16



MAP NtA/9 Adjoins





JAMESTOWN

Zone Map NtA/16

С

R



Policy Area 2 Township Fringe

JAMESTOWN

500 m

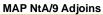
Policy Area Map NtA/16

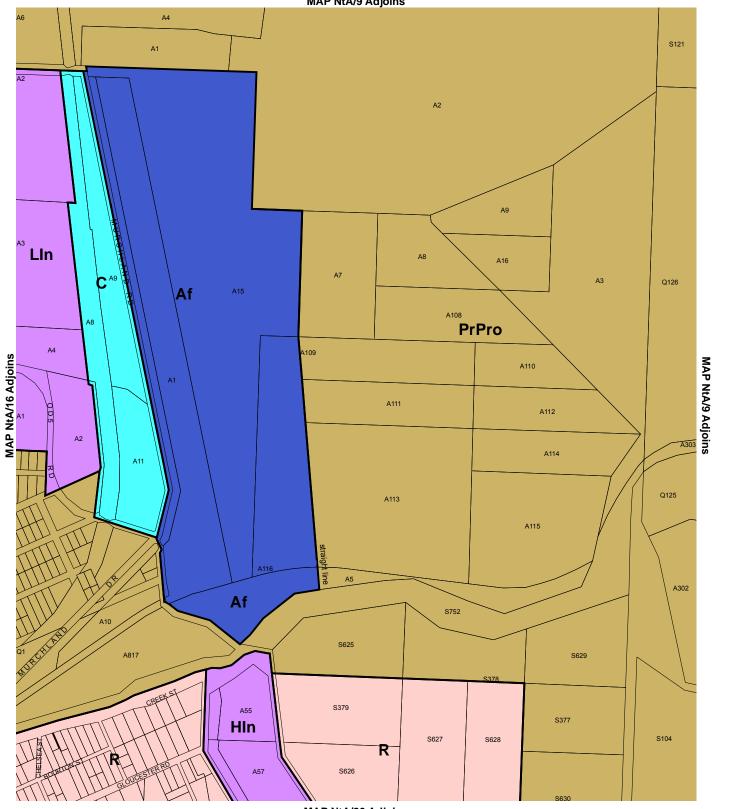
0





JAMESTOWN





MAP NtA/20 Adjoins

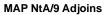
Lamberts Conformal Conic Projection, GDA94

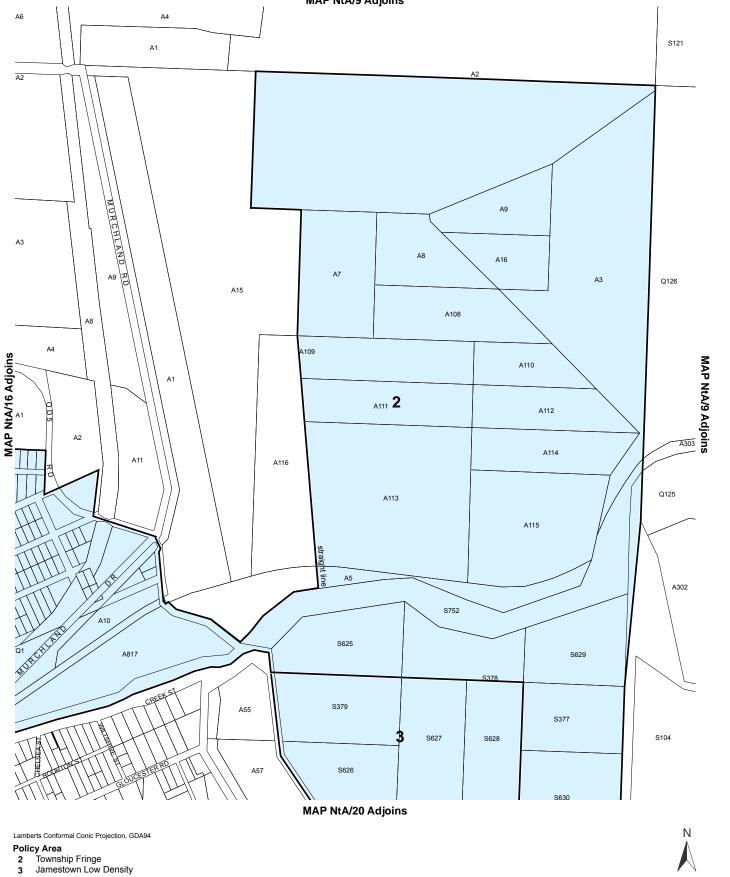
Zones	
Af	Airfield
С	Commercial
Hln	Home Industry
Lln	Light Industry
PrPro	Primary Production
R	Residential
	Zone Boundary



JAMESTOWN

Zone Map NtA/17





500 m

Policy Area Map NtA/17

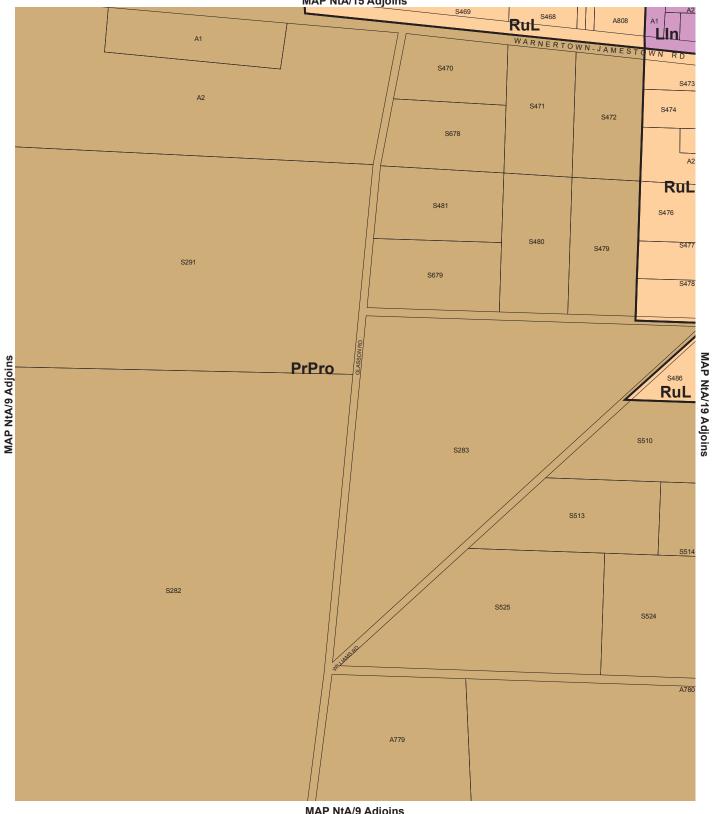
0





Overlay Map NtA/18

MAP NtA/15 Adjoins



MAP NtA/9 Adjoins

Lamberts Conformal Conic Projection, GDA94

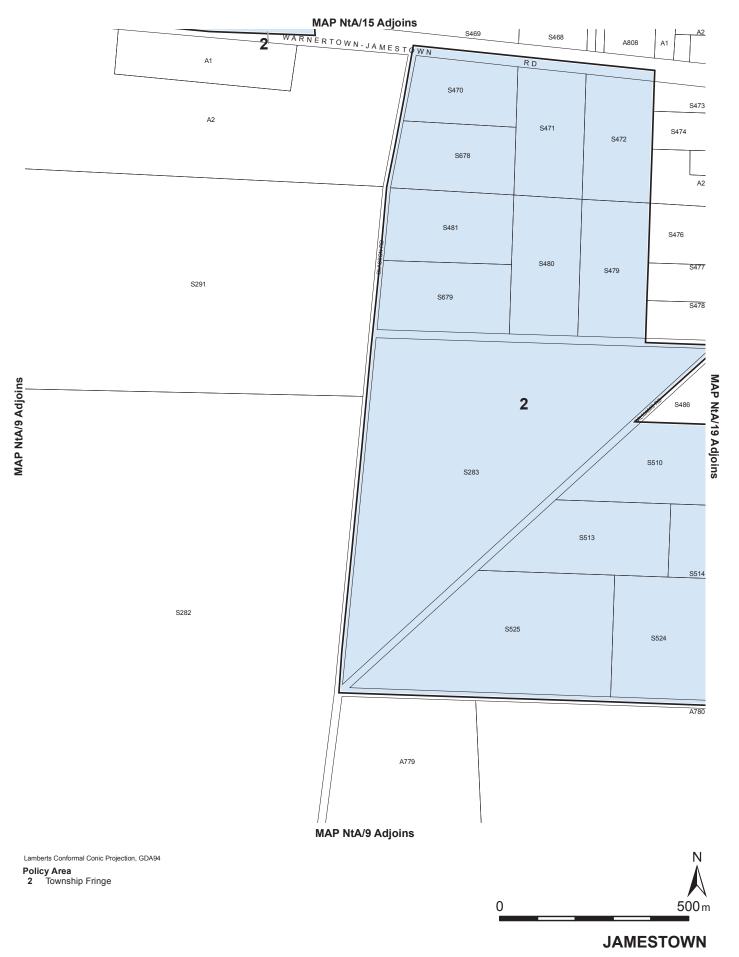
Ν 500 m 0

JAMESTOWN

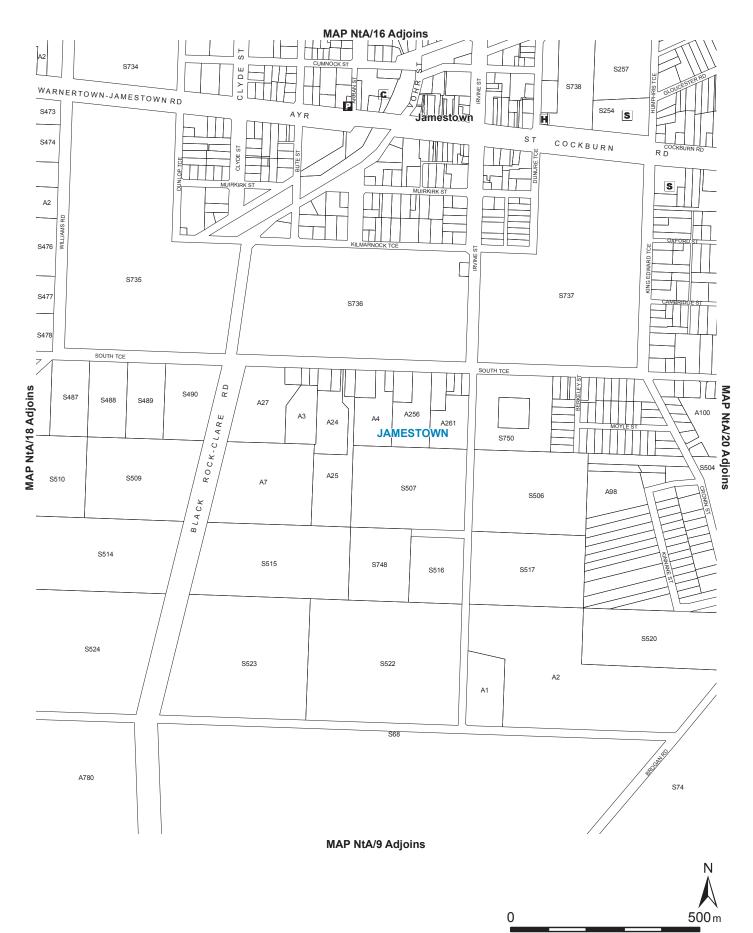
Zone Map NtA/18

Zones

Lln Light Industry PrPro Primary Production RuL Rural Living Zone Boundary



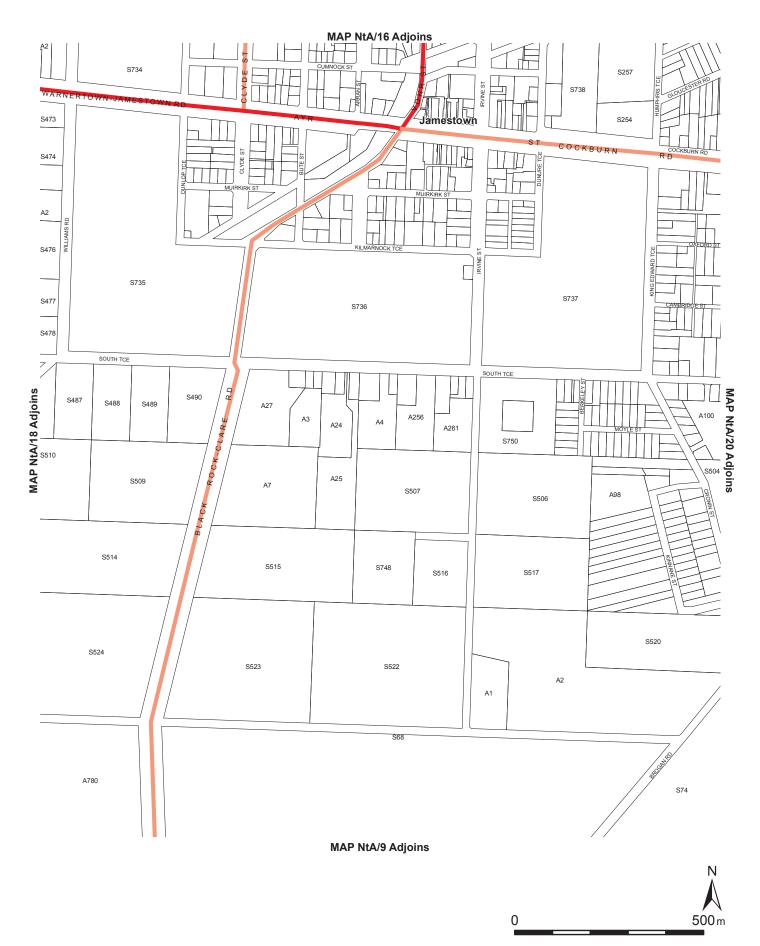
Policy Area Map NtA/18



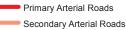
Location Map NtA/19

- S School
- L Public Library
- C Council Office
- H Other Health Services

P Police Station



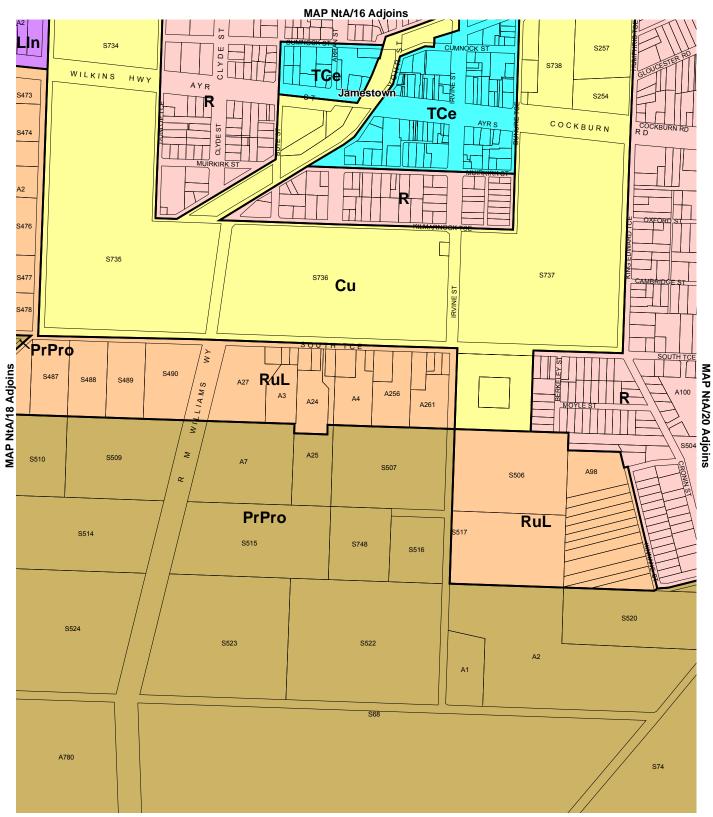
Overlay Map NtA/19 TRANSPORT





Overlay Map NtA/19 HERITAGE

State heritage place



MAP NtA/9 Adjoins

Lamberts Conformal Conic Projection, GDA94

 Zones

 Cu
 Community

 Lin
 Light Industry

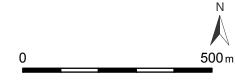
 PrPro
 Primary Production

 R
 Residential

 RuL
 Rural Living

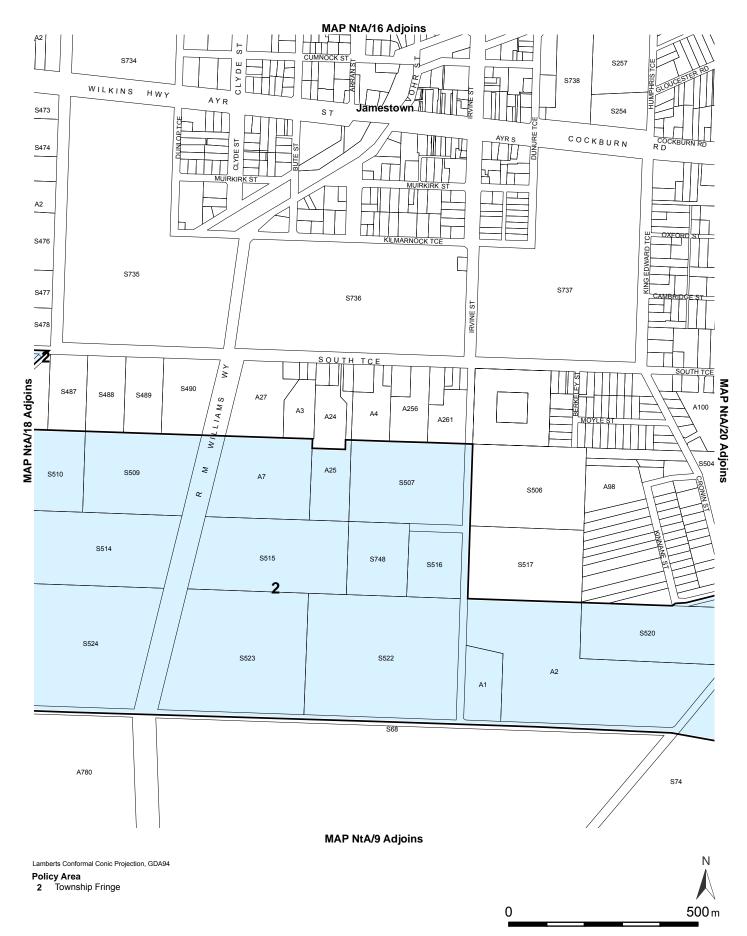
 TCe
 Town Centre

 Image: Community Communit



JAMESTOWN

Zone Map NtA/19



JAMESTOWN

Policy Area Map NtA/19



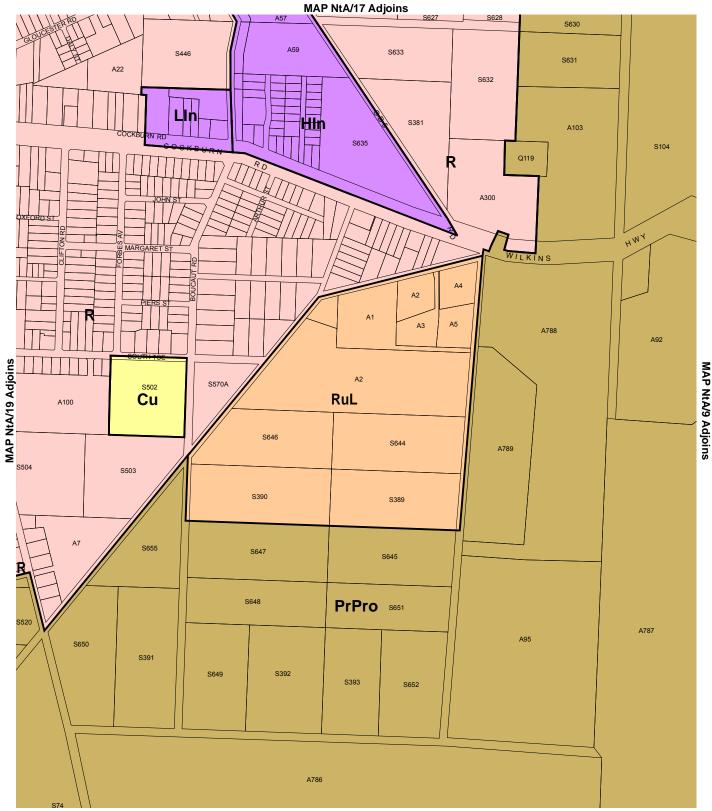


Location Map NtA/20





Overlay Map NtA/20 TRANSPORT



MAP NtA/9 Adjoins

Lamberts Conformal Conic Projection, GDA94

ZonesCuCommunityHinHome IndustryLinLight IndustryPrProPrimary ProductionRResidentialRuLRural LivingCone Boundary



JAMESTOWN

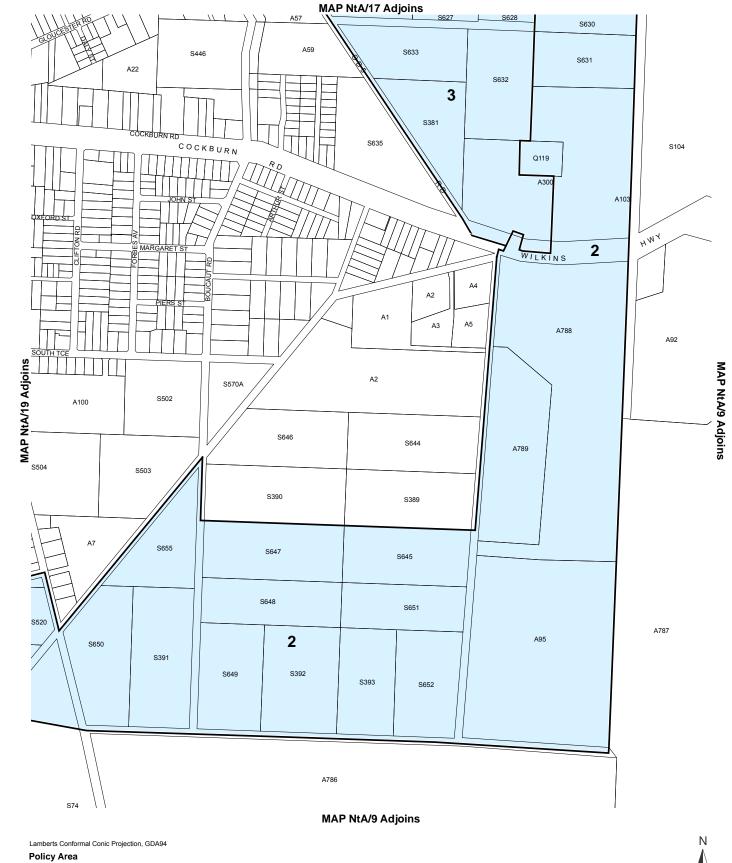
Zone Map NtA/20

500 m

JAMESTOWN

0

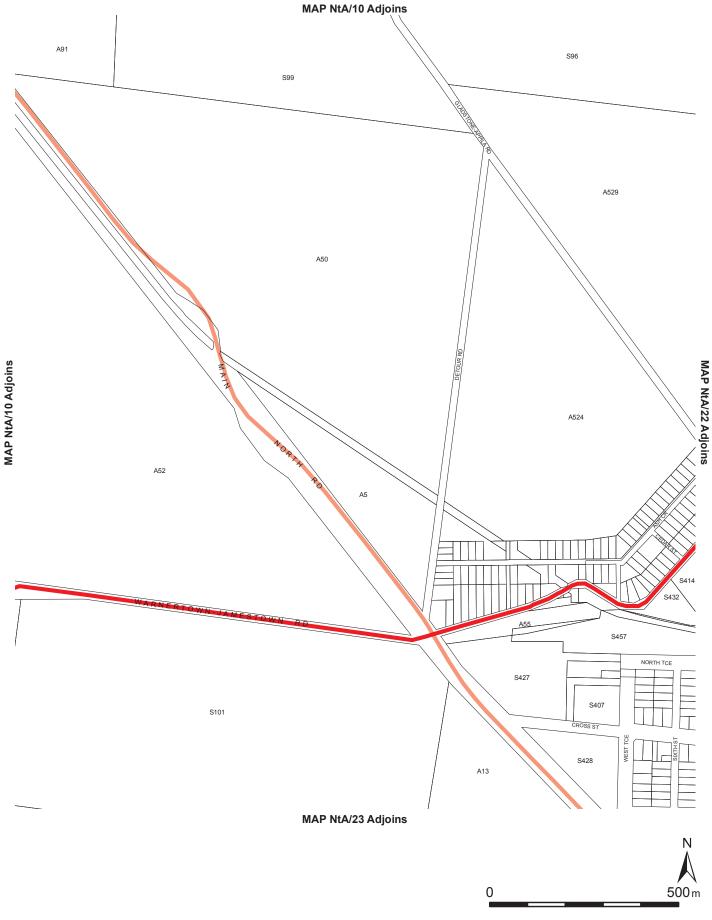
Policy Area Map NtA/20



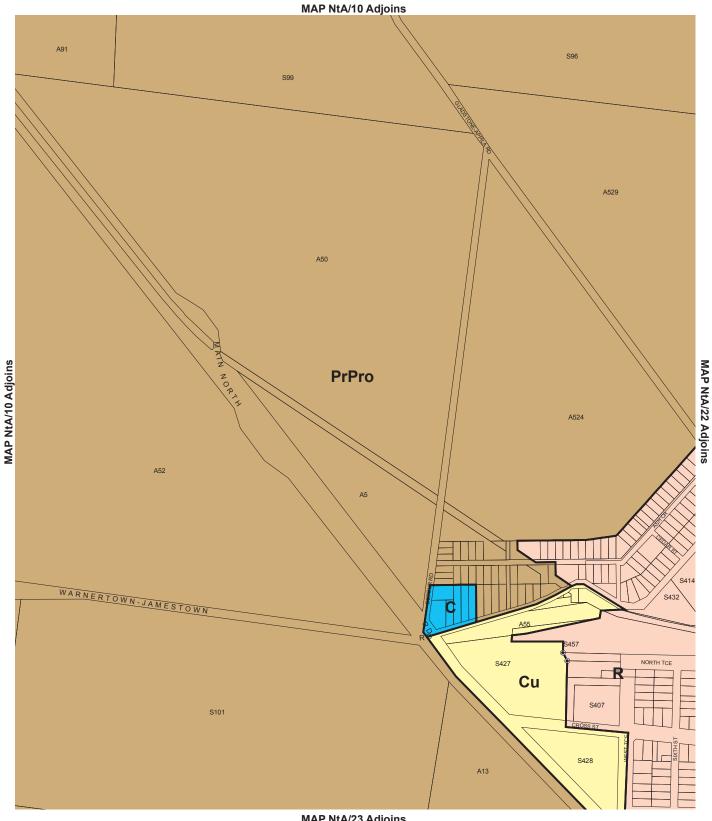
Township Fringe Jamestown Low Density 2 3



Location Map NtA/21



Overlay Map NtA/21 TRANSPORT



MAP NtA/23 Adjoins

Lamberts Conformal Conic Projection, GDA94

Commercial

Community

Residential

Zone Boundary

Primary Production

Zones

Cu

R

PrPro

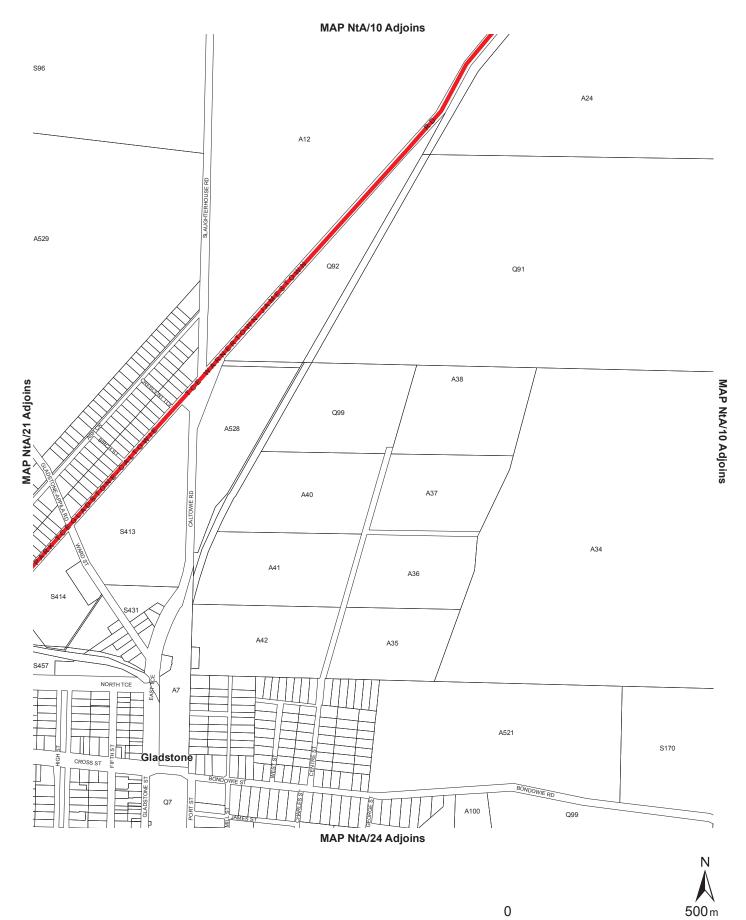


GLADSTONE

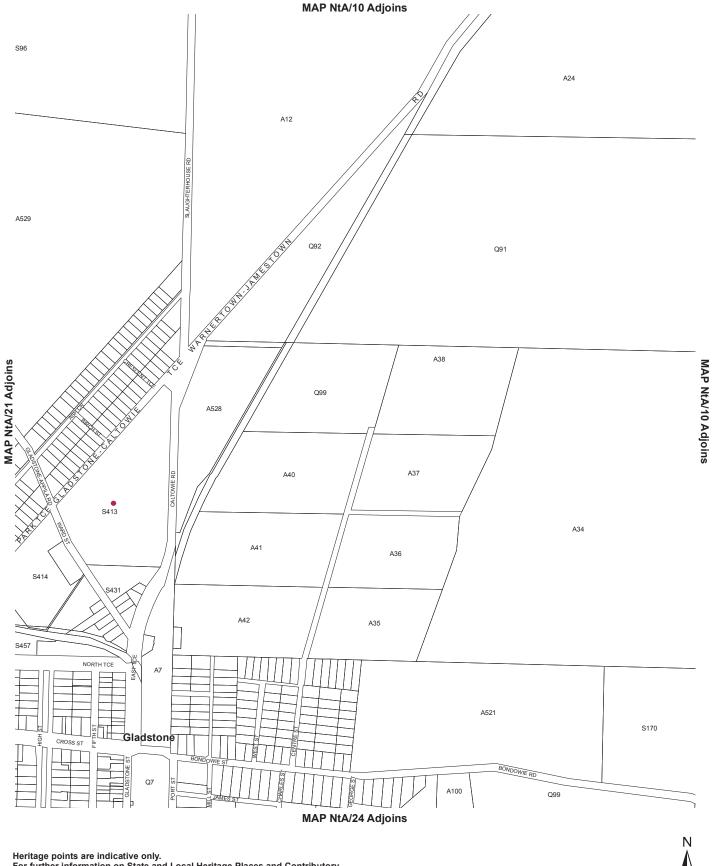
Zone Map NtA/21



Location Map NtA/22



Overlay Map NtA/22 TRANSPORT



Heritage points are indicative only. For further information on State and Local Heritage Places and Contributory Items please refer to the relevant tables within this document.

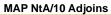
GLADSTONE

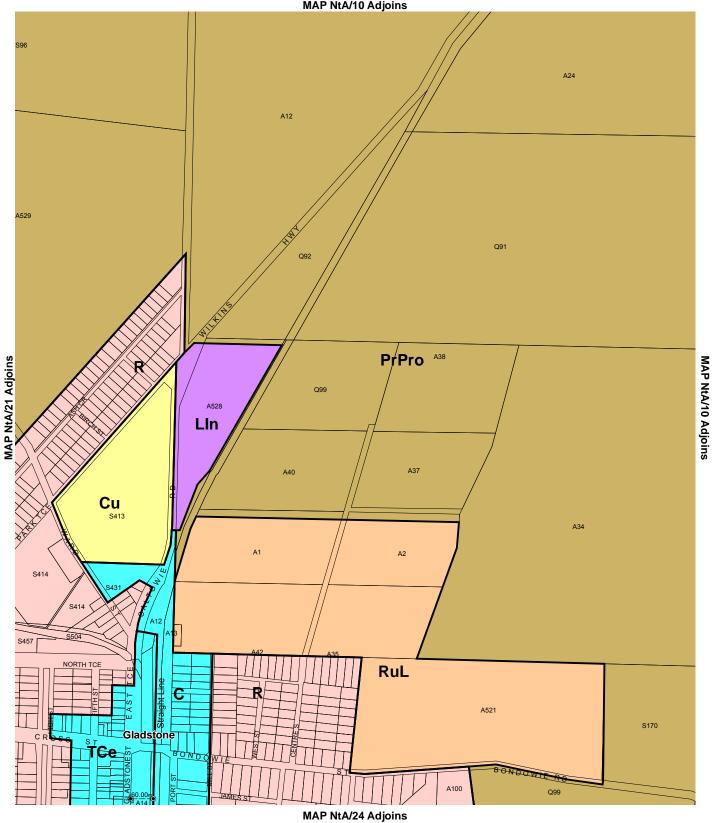
500 m

Overlay Map NtA/22 HERITAGE

0

State heritage place







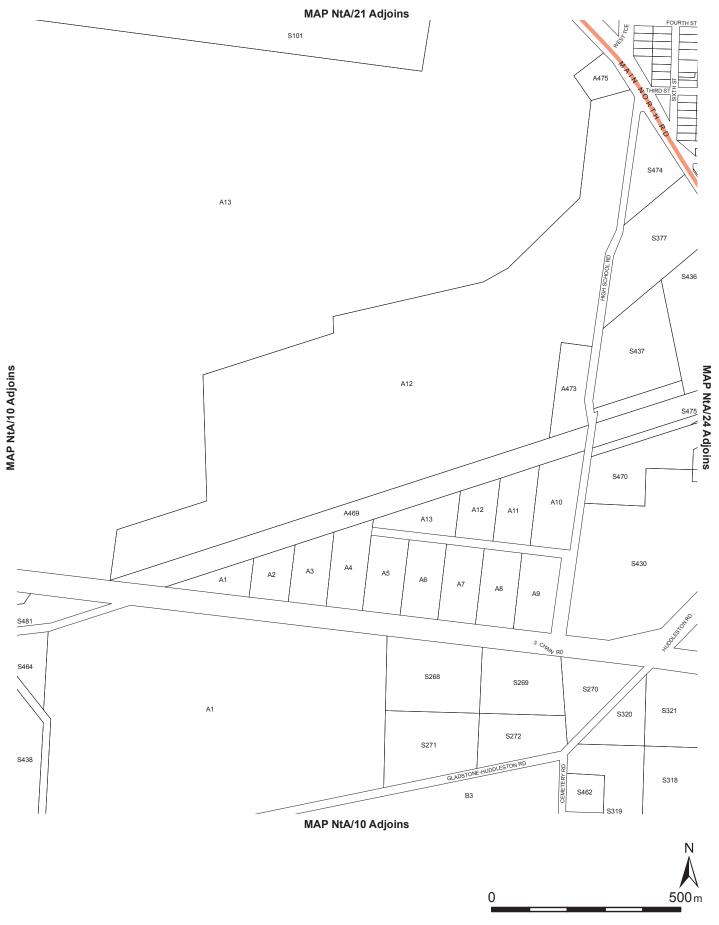
Zone Map NtA/22

Lamberts Conformal Conic Projection, GDA94

Zones С Commercial Cu Community Lln Light Industry PrPro Primary Production R Residential RuL Rural Living TCe Town Centre Zone Boundary

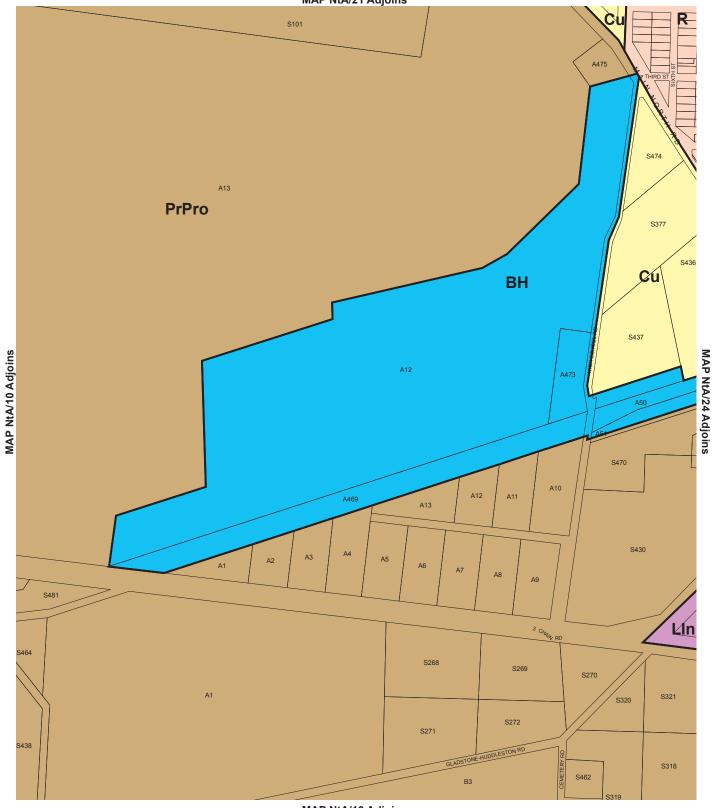


Location Map NtA/23



Overlay Map NtA/23 TRANSPORT

MAP NtA/21 Adjoins



MAP NtA/10 Adjoins

Lamberts Conformal Conic Projection, GDA94

Bulk Handling

Community

Residential

Zone Boundary

Light Industry

Primary Production

Zones BH

Cu

Lln

R

PrPro



GLADSTONE

Zone Map NtA/23



Policy Area Map NtA/23



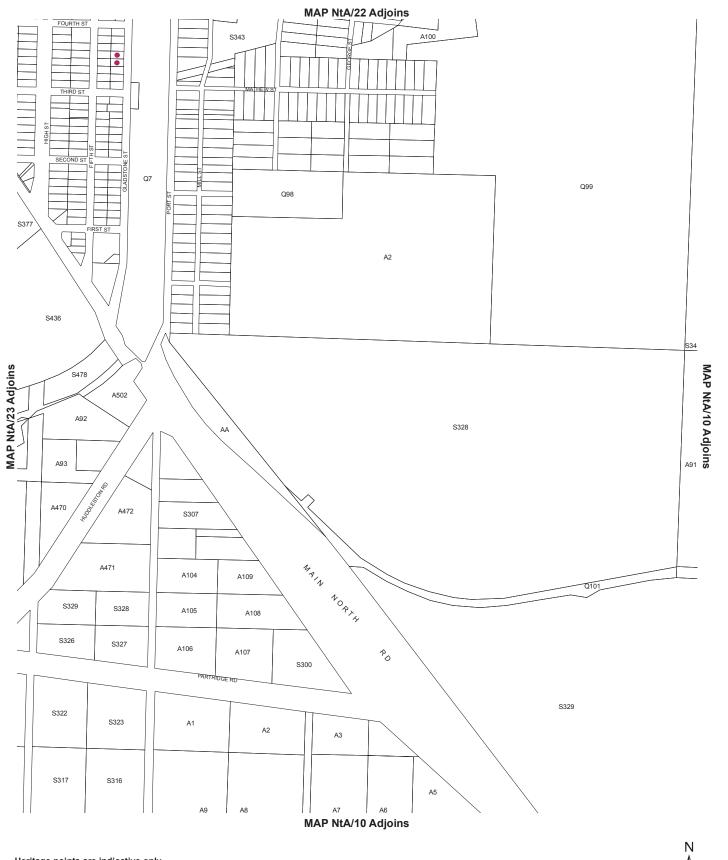


GLADSTONE

Location Map NtA/24



Overlay Map NtA/24



Heritage points are indicative only. For further information on State and Local Heritage Places and Contributory Items please refer to the relevant tables within this document.

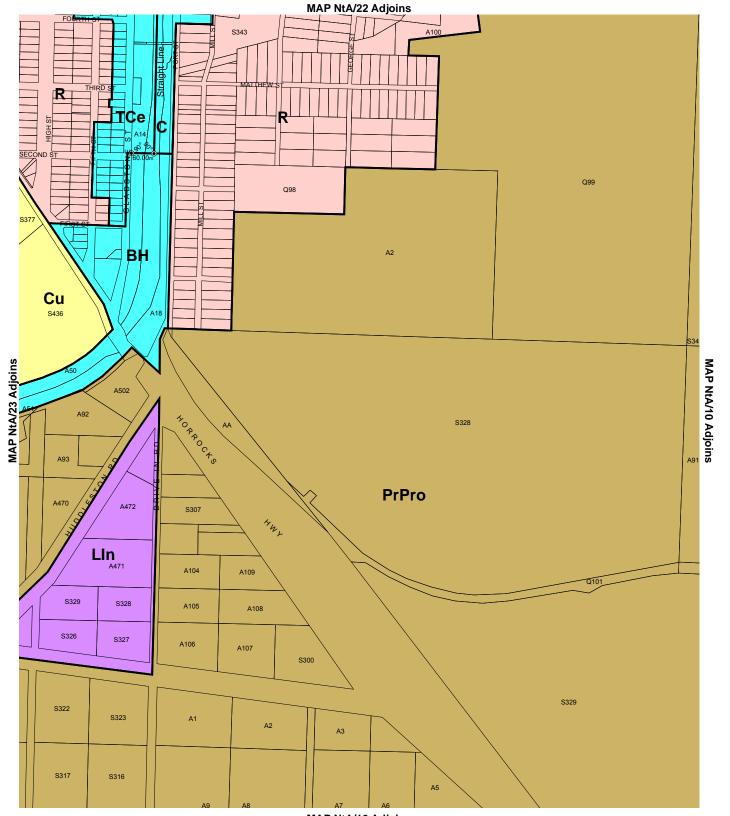
GLADSTONE

500 m

Overlay Map NtA/24 HERITAGE

0

State heritage place



MAP NtA/10 Adjoins

Lamberts Conformal Conic Projection, GDA94

Zones	
вн	Bulk Handling
С	Commercial
Cu	Community
Lln	Light Industry
PrPro	Primary Production
R	Residential
ТСе	Town Centre
	Zone Boundary



GLADSTONE

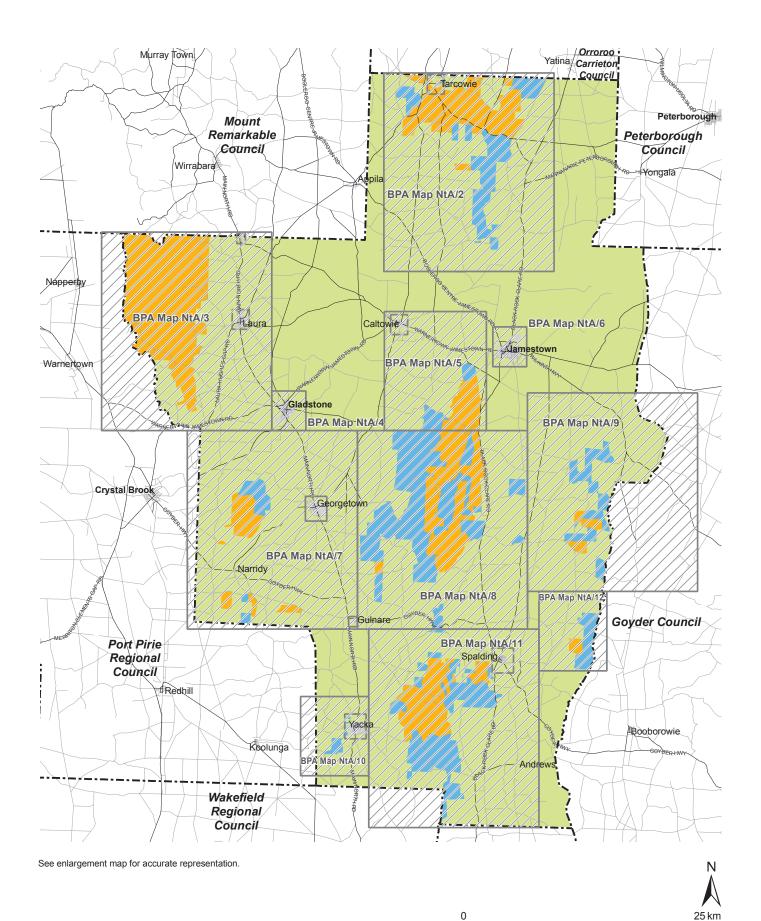
Zone Map NtA/24



Policy Area Map NtA/24



Bushfire Risk BPA Maps

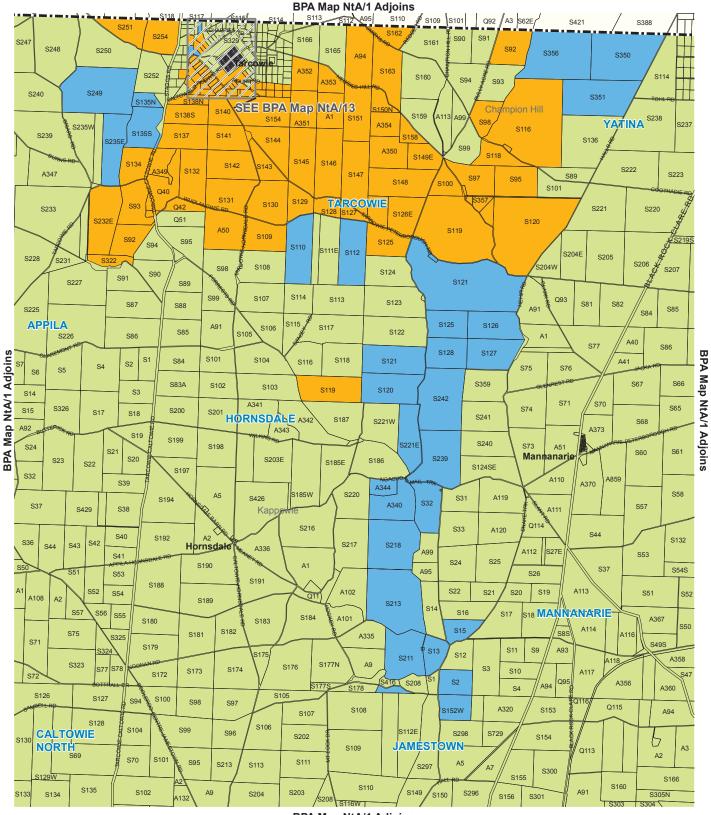


Bushfire Protection Area BPA Map NtA/1 BUSHFIRE RISK

NORTHERN AREAS COUNCIL Consolidated - 12 February 2015

General Bushfire Risk Excluded area from bushfire protection planning provisions Development Plan Boundary

High Bushfire Risk Medium Bushfire Risk



See enlargement map for accurate representation.

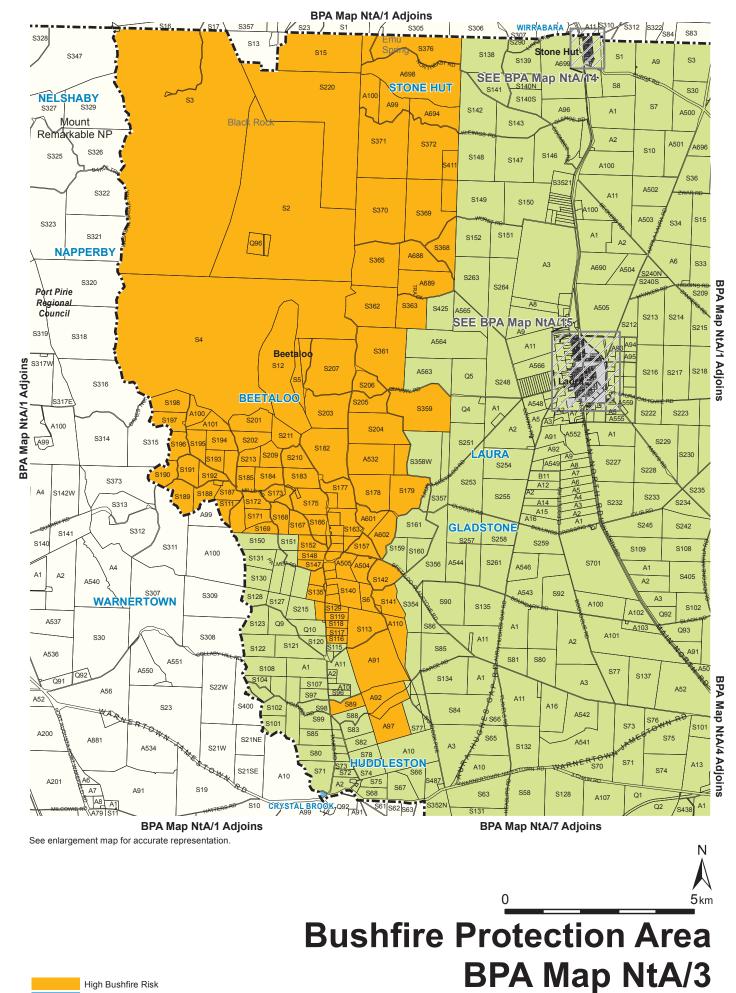
BPA Map NtA/1 Adjoins

0 5km

Bushfire Protection Area BPA Map NtA/2 BUSHFIRE RISK



High Bushfire Risk Medium Bushfire Risk General Bushfire Risk Excluded area from bushfire protection planning provisions Development Plan Boundary

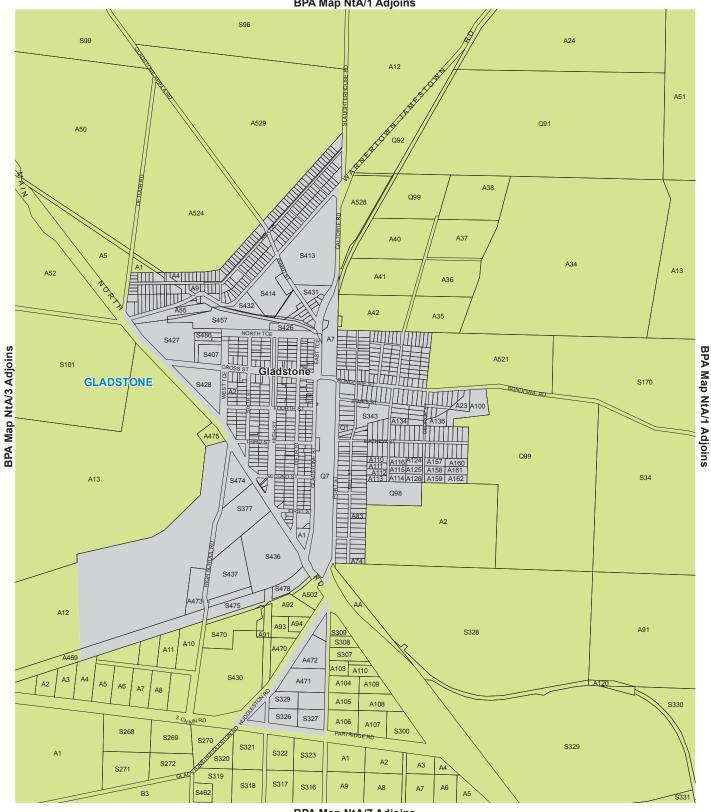


High Bushfire Risk
Medium Bushfire Risk
General Bushfire Risk
Excluded area from bushfire protection planning provisions
Development Plan Boundary

BUSHFIRE RISK

Consolidated - 12 February 2015

BPA Map NtA/1 Adjoins

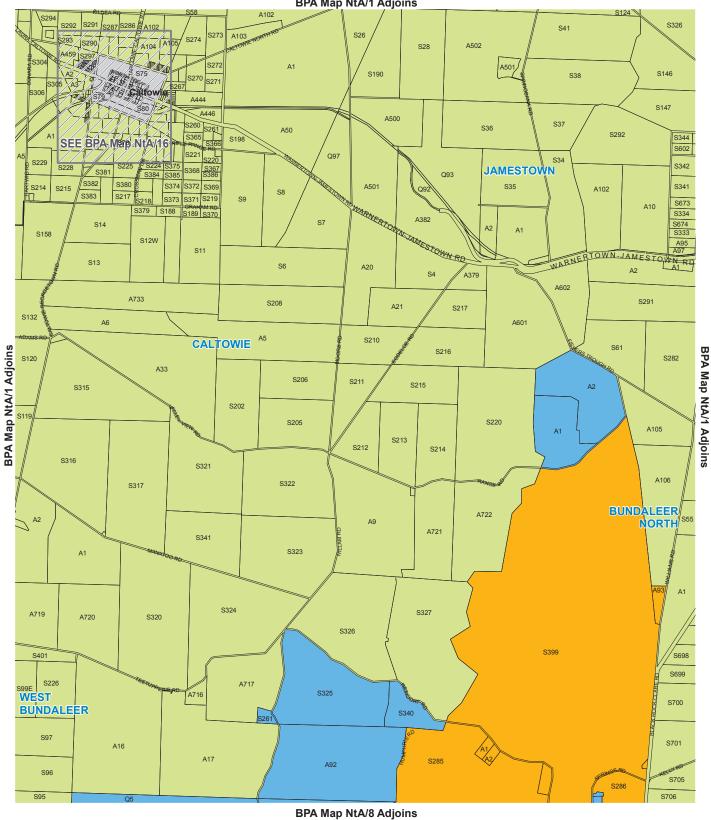


BPA Map NtA/7 Adjoins



Bushfire Protection Area BPA Map NtA/4 BUSHFIRE RISK

BPA Map NtA/1 Adjoins



0

See enlargement map for accurate representation.

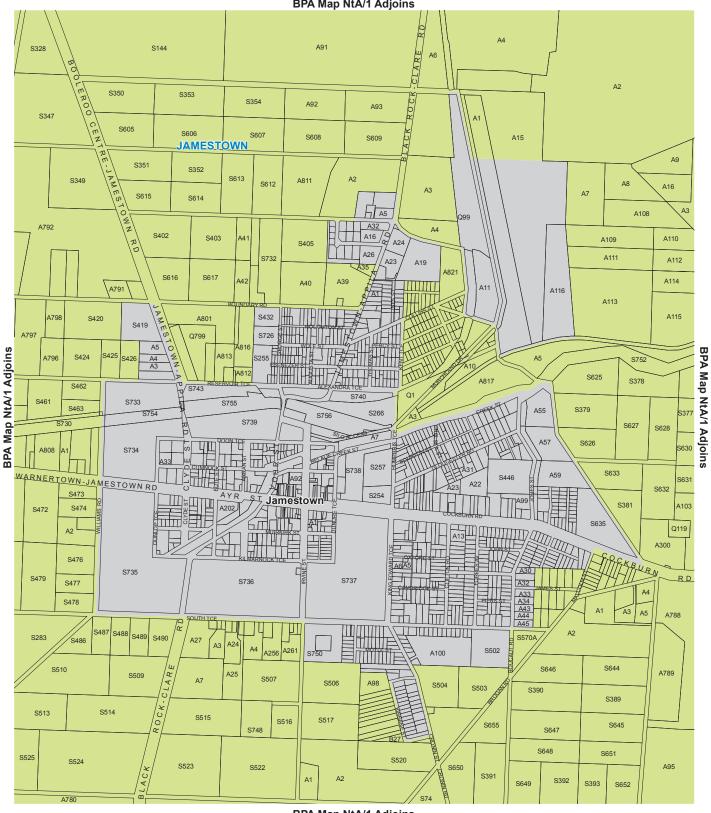
5 km

N

Bushfire Protection Area BPA Map NtA/5 BUSHFIRE RISK

High Bushfire Risk Medium Bushfire Risk General Bushfire Risk Excluded area from bushfire protection planning provisions

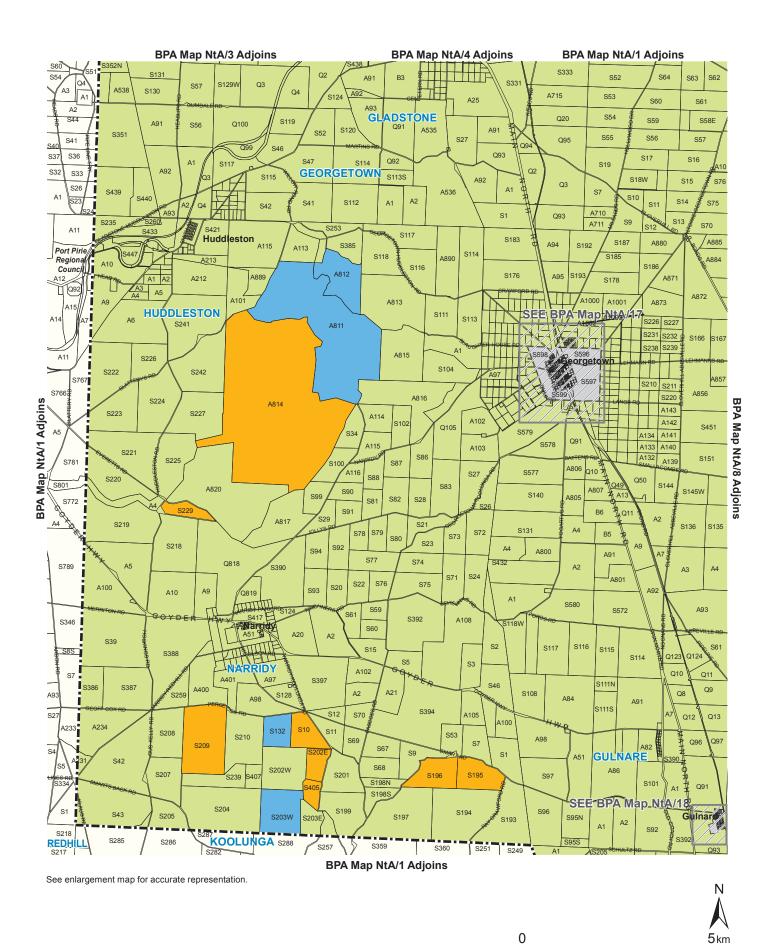
BPA Map NtA/1 Adjoins



BPA Map NtA/1 Adjoins



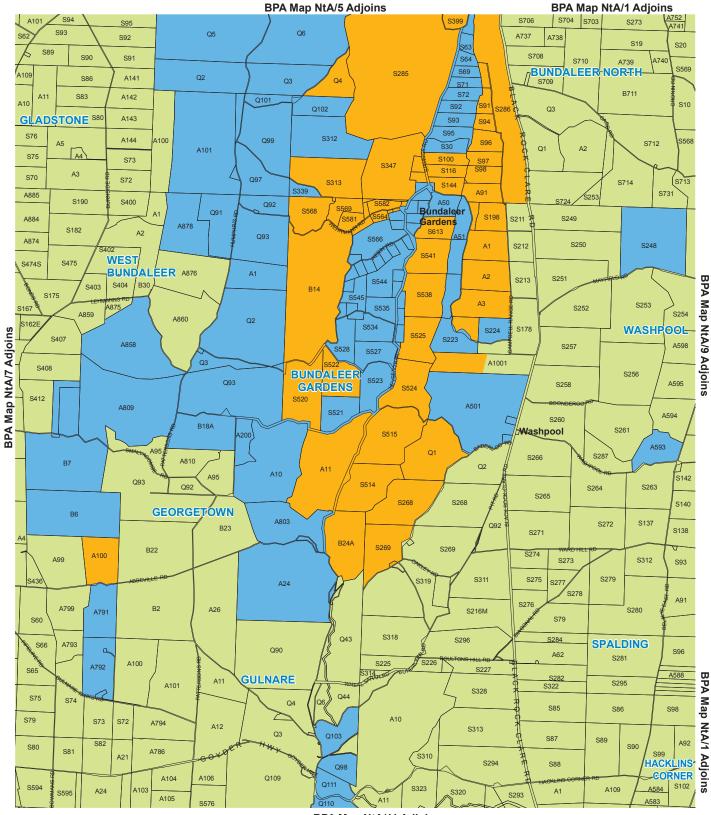
Bushfire Protection Area BPA Map NtA/6 BUSHFIRE RISK



Bushfire Protection Area BPA Map NtA/7 BUSHFIRE RISK



Development Plan Boundary

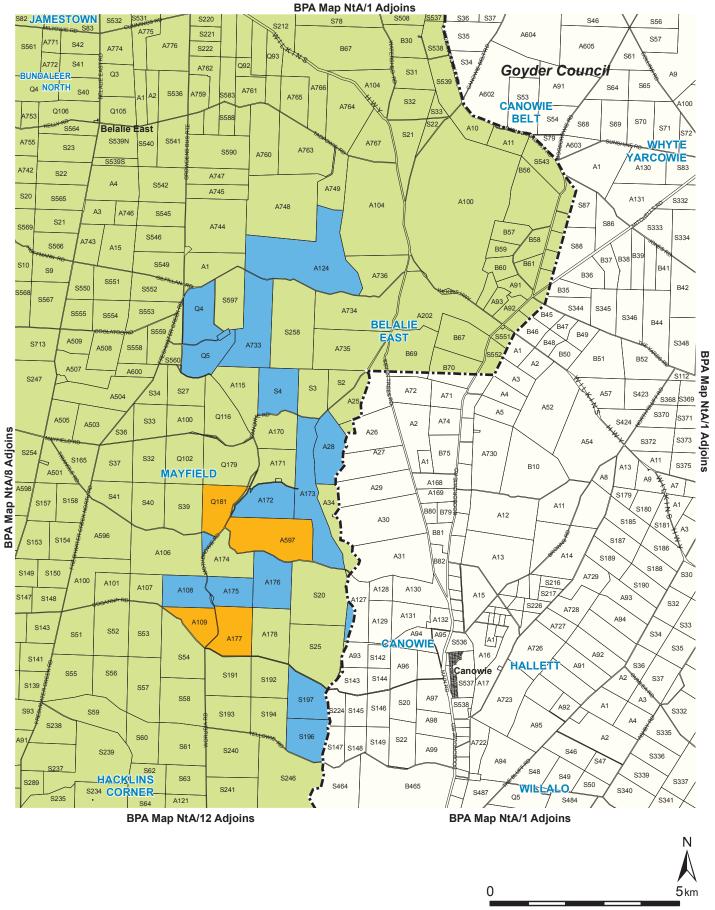


BPA Map NtA/11 Adjoins



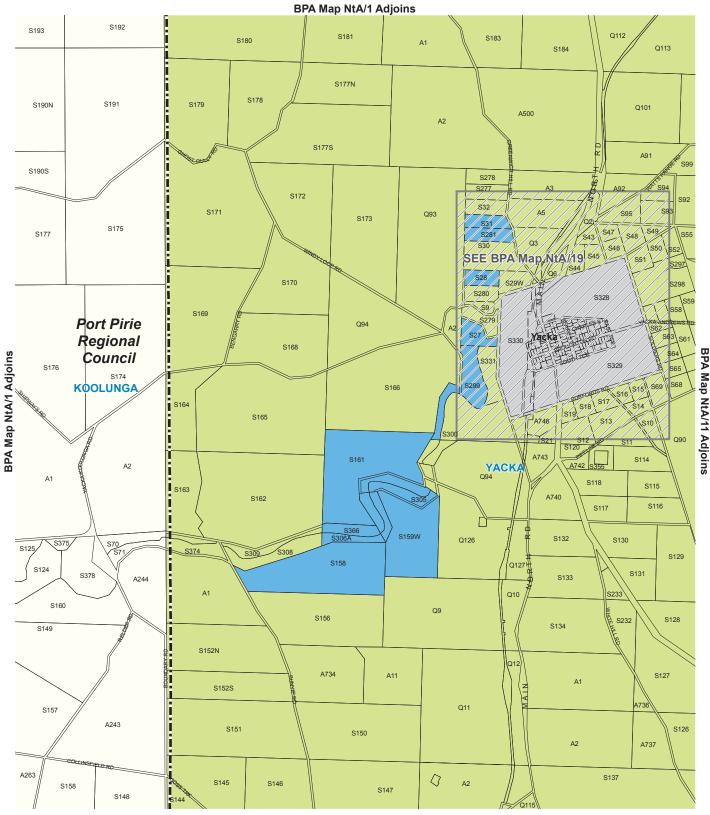
Bushfire Protection Area BPA Map NtA/8 BUSHFIRE RISK

High Bushfire Risk Medium Bushfire Risk General Bushfire Risk



Bushfire Protection Area BPA Map NtA/9 BUSHFIRE RISK





See enlargement map for accurate representation.

BPA Map NtA/1 Adjoins

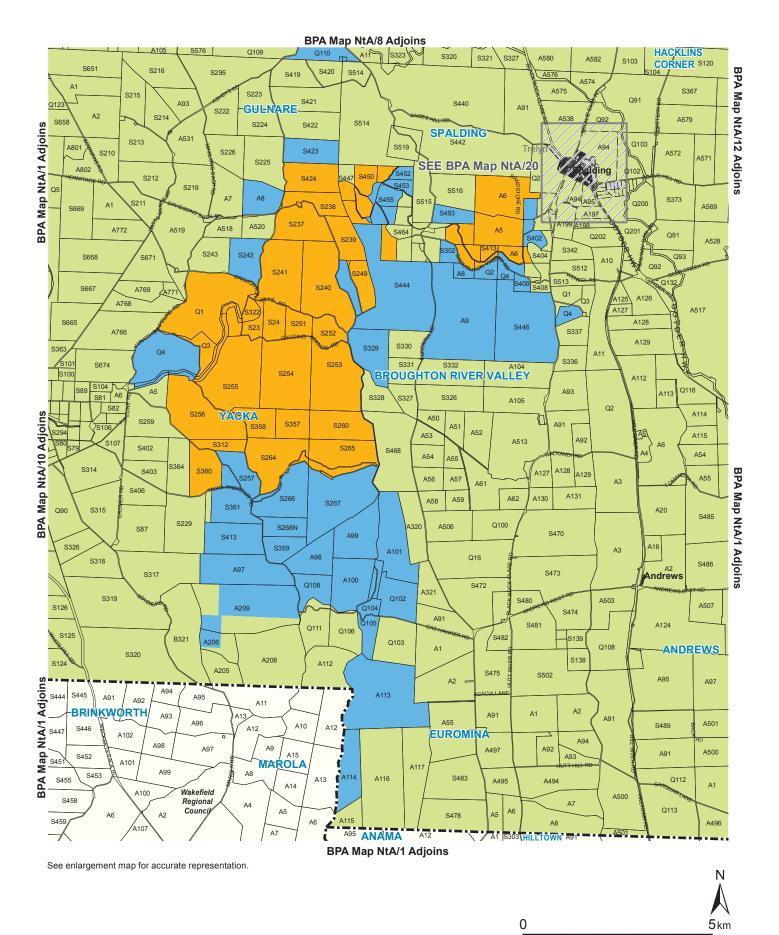


Bushfire Protection Area BPA Map NtA/10 BUSHFIRE RISK

0



Medium Bushfire Risk General Bushfire Risk Excluded area from bushfire protection planning provisions Development Plan Boundary



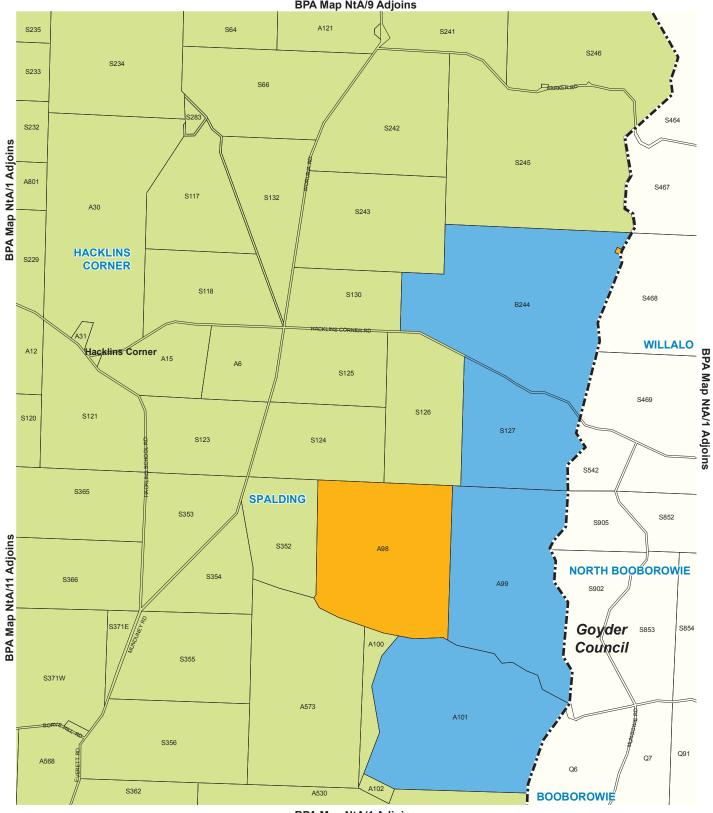
Bushfire Protection Area BPA Map NtA/11 BUSHFIRE RISK

High Bushfire Risk Medium Bushfire Risk General Bushfire Risk Excluded area from bushfire protection planning provisions

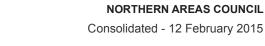
NORTHERN AREAS COUNCIL Consolidated - 12 February 2015

---- Development Plan Boundary





BPA Map NtA/1 Adjoins



BPA Map NtA/12

BUSHFIRE RISK

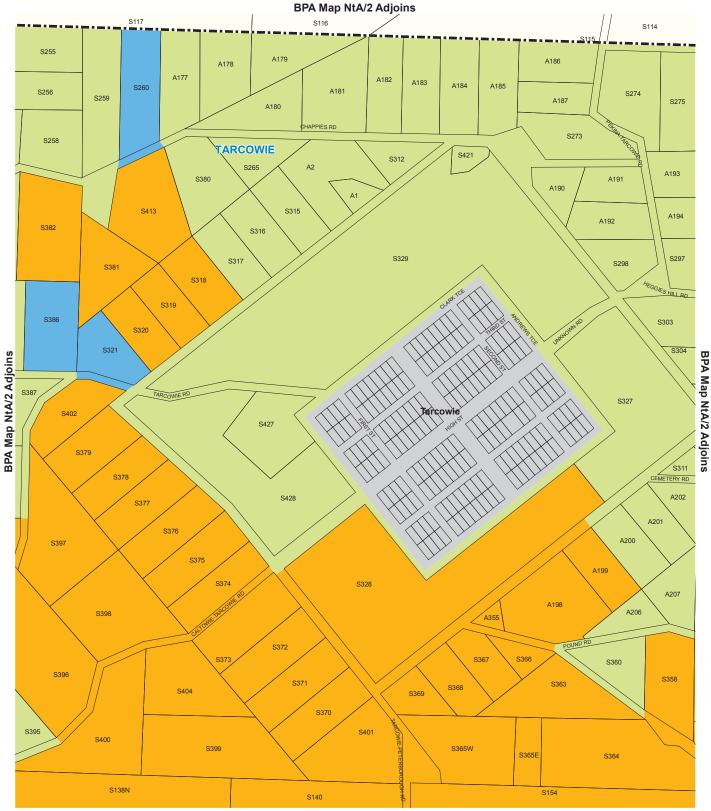
0

Bushfire Protection Area

Ν

<u>2,0</u>00m

High Bushfire Risk Medium Bushfire Risk General Bushfire Risk Development Plan Boundary



BPA Map NtA/2 Adjoins



Bushfire Protection Area BPA Map NtA/13 BUSHFIRE RISK



High Bushfire Risk Medium Bushfire Risk General Bushfire Risk Excluded area from bushfire protection planning provisions



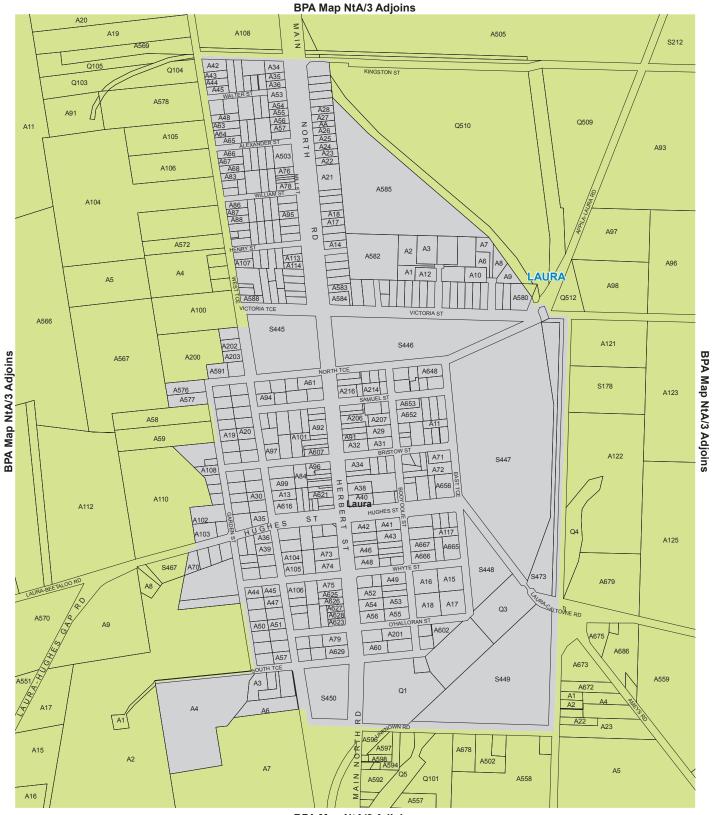
BPA Map NtA/3 Adjoins



Bushfire Protection Area BPA Map NtA/14 BUSHFIRE RISK



General Bushfire Risk Excluded area from bushfire protection planning provisions Development Plan Boundary



BPA Map NtA/3 Adjoins



Bushfire Protection Area BPA Map NtA/15 BUSHFIRE RISK

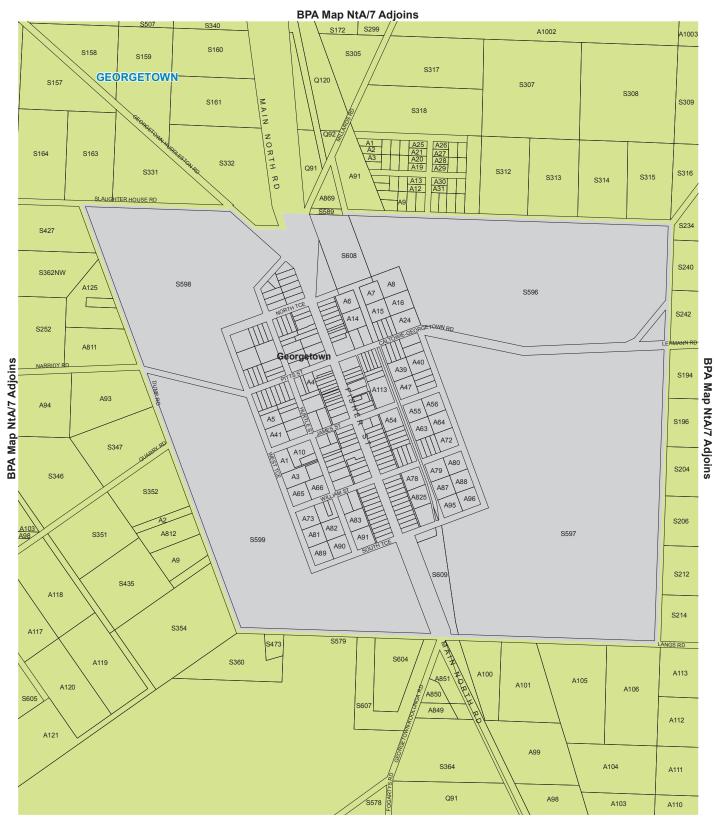
BPA Map NtA/5 Adjoins



BPA Map NtA/5 Adjoins



Bushfire Protection Area BPA Map NtA/16 BUSHFIRE RISK

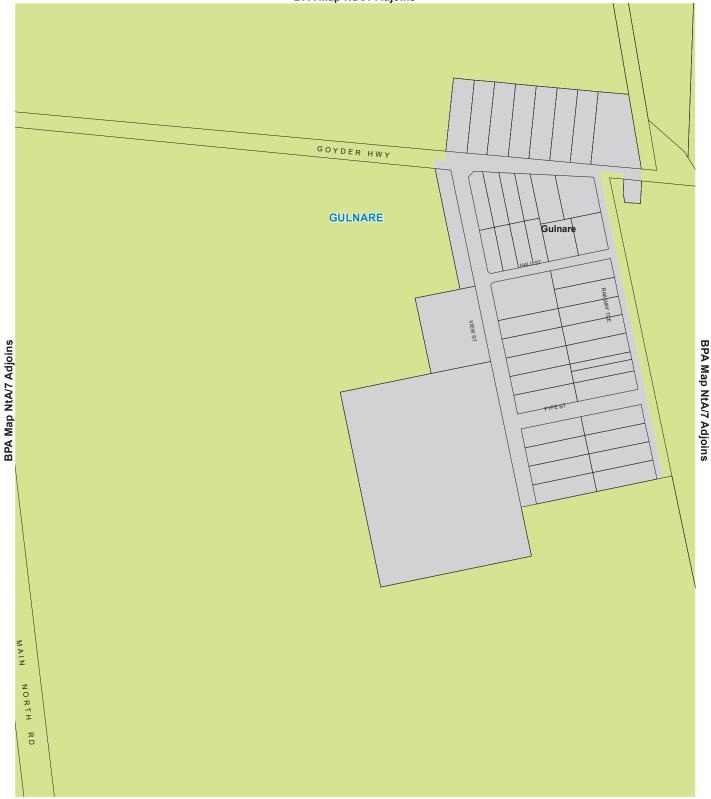


BPA Map NtA/7 Adjoins



Bushfire Protection Area BPA Map NtA/17 BUSHFIRE RISK





BPA Map NtA/7 Adjoins



Bushfire Protection Area BPA Map NtA/18 BUSHFIRE RISK

General Bushfire Risk Excluded area from bushfire protection planning provisions

BPA Map NtA/10 Adjoins



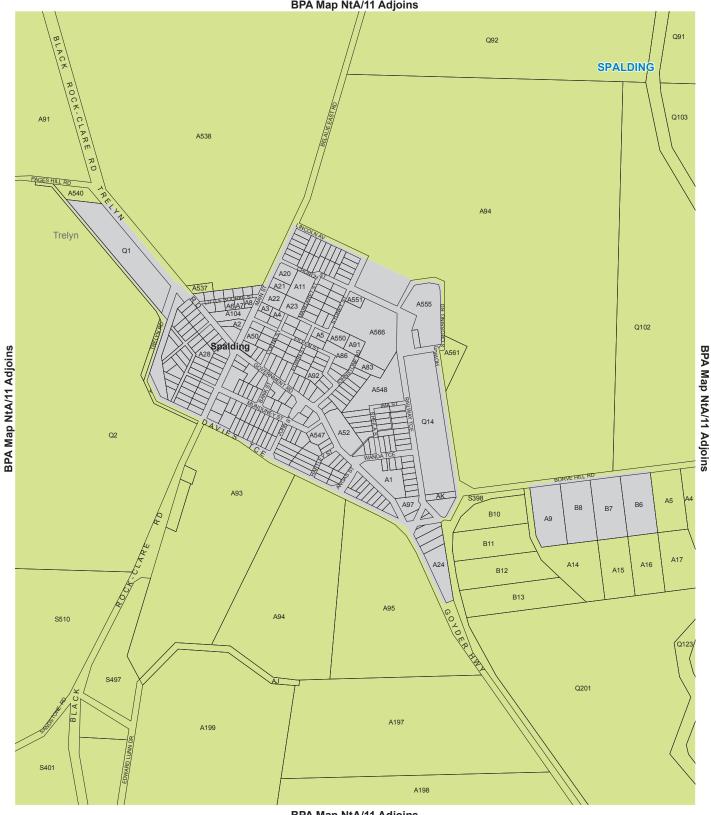
BPA Map NtA/10 Adjoins



Bushfire Protection Area BPA Map NtA/19 BUSHFIRE RISK

Medium Bushfire Risk General Bushfire Risk Excluded area from bushfire protection planning provisions

BPA Map NtA/11 Adjoins

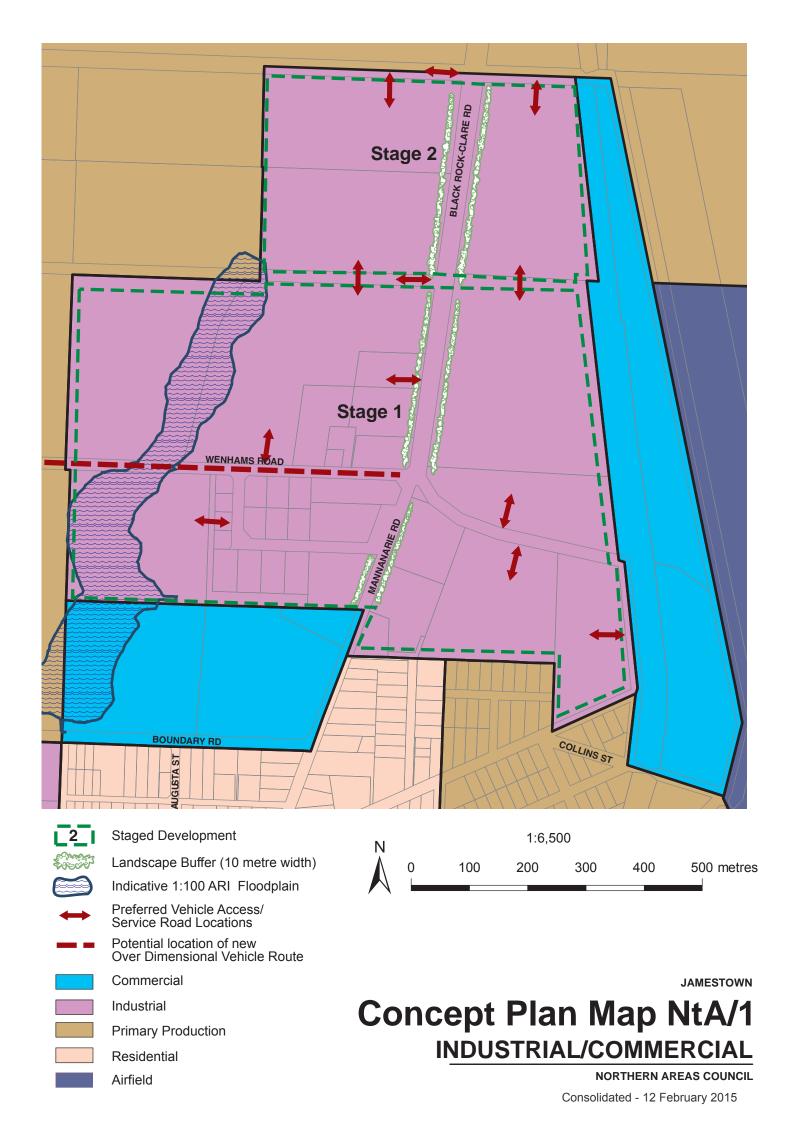


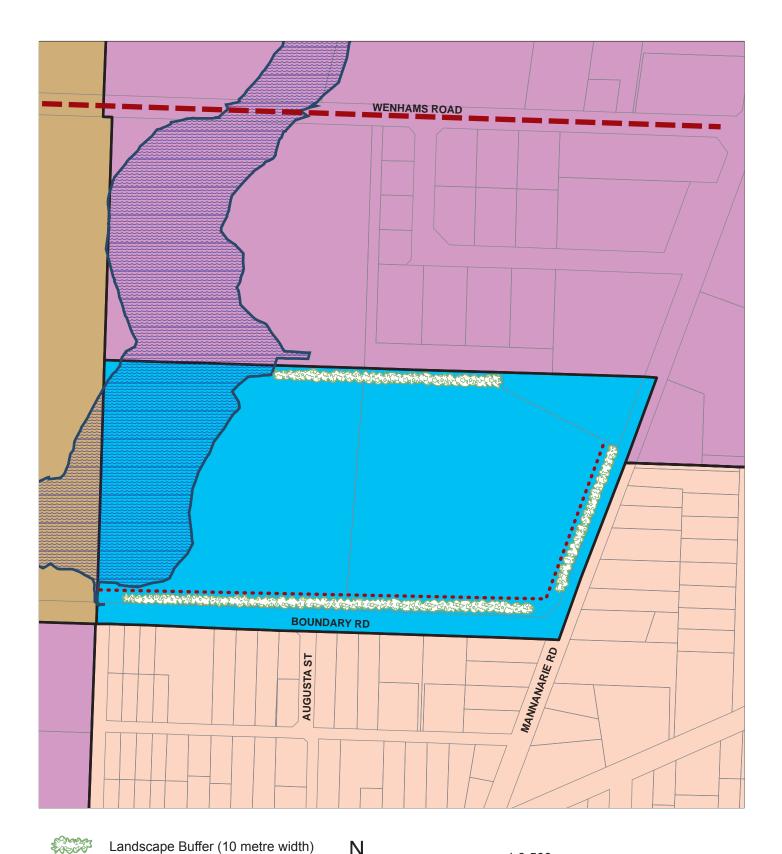
BPA Map NtA/11 Adjoins



Bushfire Protection Area BPA Map NtA/20 BUSHFIRE RISK

Concept Plan Maps







20 metre building setback line

Indicative 1:100 ARI Floodplain

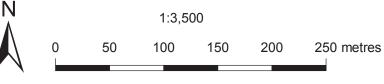
Potential location of new Over Dimensional Vehicle Route



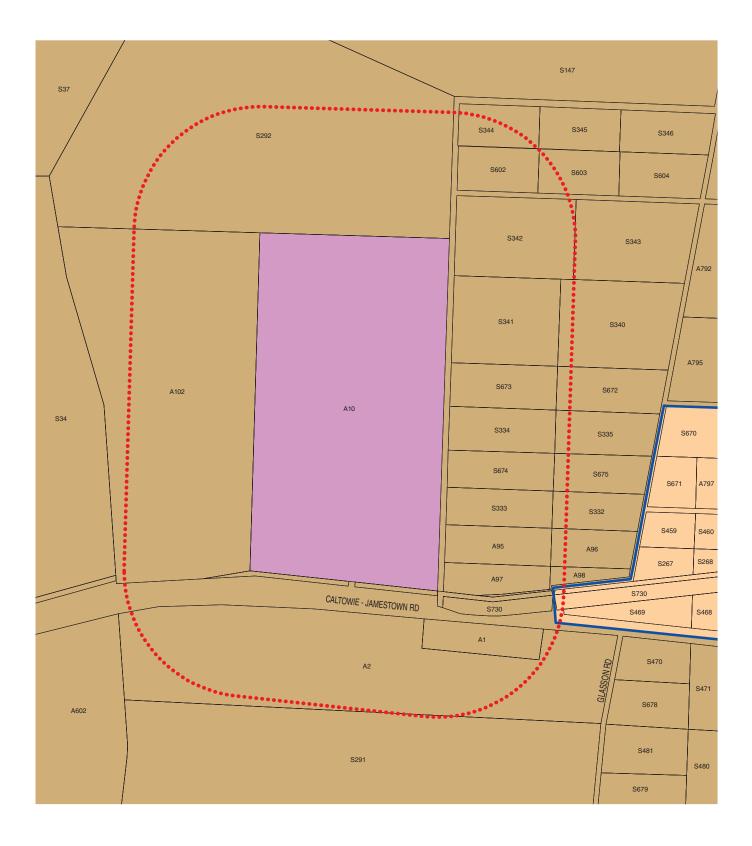
Industrial

Primary Production / Mining

Residential



Concept Plan Map NtA/2 COMMERCIAL



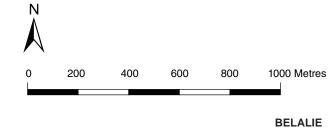
Primary Production

500 metre Buffer Area

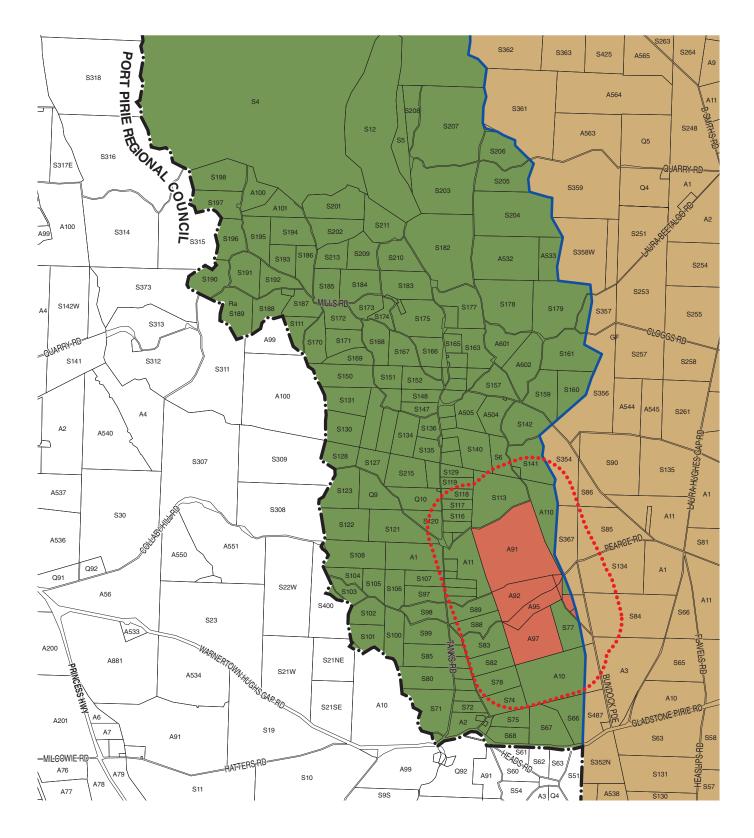
Zone Boundary

Rural Living

Lot 10



Concept Plan Map NtA/3 INDUSTRY





Primary Production

Sections 91 - 97

Zone Boundary

800 metre Buffer Area

Rural Landscape Protection

Development Plan Boundary

HOWE - BEETALOO

Concept Plan Map NtA/4 RANGES