

## Part 01 Introduction

The Streetscape Material Specification 2012 is a simple practical document that aims to provide a consistent elegant pedestrian environment across the Ipswich City Centre.

The objective of this manual is to provide guidance to achieve safe, comfortable, shaded pedestrian environments throughout the Ipswich City Centre. This manual gives the hard physical infrastructure to provide walkable urban environments.

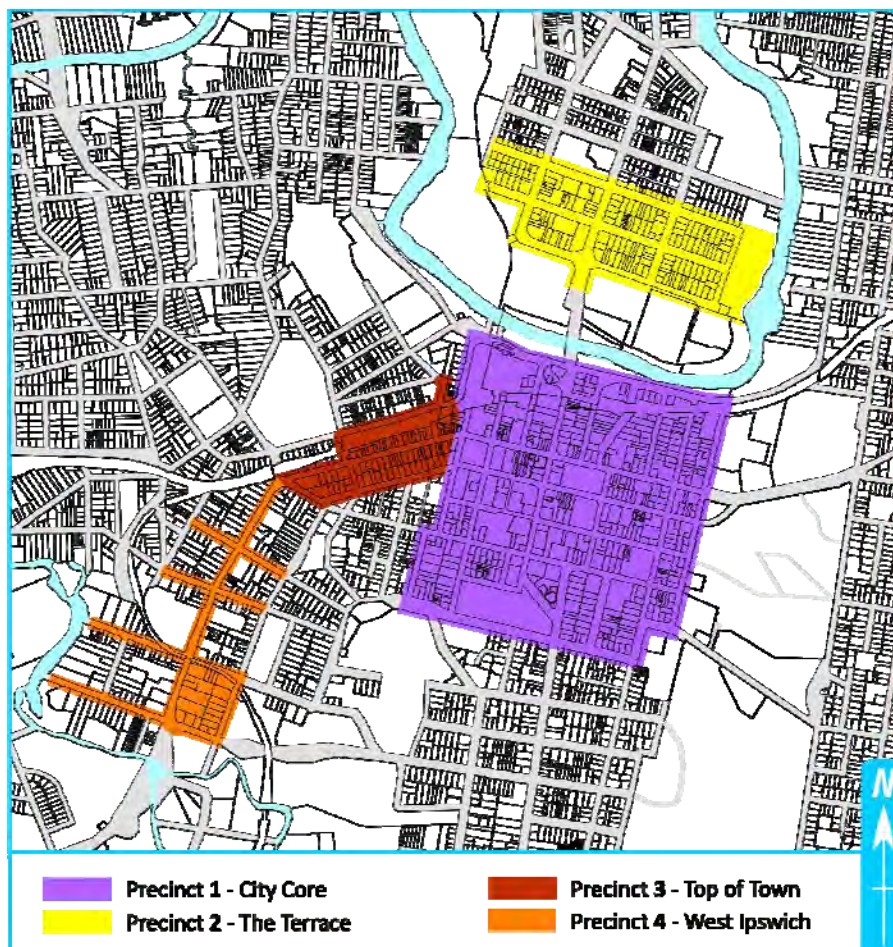
This manual does not provide detailed design solutions, however it does give a range of elements that can be combined to suit site specific requirements.

This document is one of a suite of strategies including street tree planting, pedestrian, cycling and wayfinding, that need to be considered when designing the streetscape.

In this document the City Centre has been divided into 4 precincts:

- Precinct 1      City Core
- Precinct 2      The Terrace
- Precinct 3      Top of Town
- Precinct 4      West Ipswich

Figure 1.01: City Centre Precinct Map



## Part 02 Navigating the process

### Step 1. Precinct Identification

Identify your site precinct location refer *Figure 1.01 Part 01 Introduction*.

### Step 2. Precinct Requirements

Go to relevant Precinct Maps and identify required Streetscape Type.

If your site fronts a sub precinct - **eg Bell St, D'Arcy Doyle Place or Riverheart Parklands** contact ICC. These sub precincts have unique streetscape requirements outside of this manual.

If your site fronts a Main Road Corridor you will need to contact the Department of Transport and Main Roads for requirements and approvals e.g. there are clear zones requirements from carriageways and signage. The footpath pavement material will be TYPE 1 – full width saw cut concrete.

### Step 3. Strategic Context

Refer to *Ipswich Planning Scheme, Part 5, City Centre* to determine if your site is on other strategic routes e.g. Pedestrian/ Cycle network. These networks will determine the spacing of footpath furniture.

### Step 4. Footpath Awnings

Protection from sun and rain are fundamental to pedestrian comfort. The *Ipswich Planning Scheme, Part 5, City Centre* requires footpath awnings throughout a majority of the major streets in the City Centre. Refer *Part 04 Footpath Awnings*

### Step 5. Constraints:

#### Underground Services & Narrow Footpaths.

In many places in the CBD services are located under the footpath and may limit opportunities for street trees. Investigate under ground services to ascertain ability to provide street trees. Contact 'Dial Before You Dig Queensland' for information.

Some footpaths in the CBD are narrow. A minimum clear pedestrian path of 2m must be maintained. This may exclude the inclusion of street trees.

If street trees are not possible due to underground services or width of footpath then footpath awning will need to full width. Refer *Part 04 Footpath Awnings*

### Step 6. Design Considerations

This manual does not give detailed design solutions, however it does give a range of elements that can be selected to suit the context of each site.

#### Streetscape Element Selection

Select required elements to suit your site in accordance with the information outlined above.

#### Spacing

The distances between elements such as seats bins and drinking fountains will be determined by the context of the site e.g. sites on identified

pedestrian/cycle routes and within the Primary Retail and Commercial zones will require more seating etc in order to achieve the objectives of this manual. The required spacing will be as determined by Council.

### **Street Trees and Planting**

Required street tree species are detailed in *Part 03 - Street Trees*. Details of planting requirements can be found in Appendix K. It should be noted that soil types and conditions vary across the City Centre which may require site specific variations to these planting details.

### **Footpath Buildouts**

Footpath build outs will be considered on their merits. It is envisioned that these will be opportunistic as permitted by road planning and nearby land uses.

### **Footpath Dining**

Footpath dining is required to comply with *Ipswich City Council - Subordinate Local law 20*.

### **Pedestrian lighting**

Footpath lighting is site specific and the number and location of pedestrian lighting poles are to meet the relevant Australian Standards and be designed by a lighting engineer.  
Refer *Part 05 Pedestrian Lighting*.

### **City Safe Cameras**

City Safe cameras operated by Council are located throughout the CBD. Council can supply information in regard to location and clearance requirements.

### **Major developments**

Major developments with centralised entries may be permitted to provide a 'door mat' on the footpath at major entries.

Refer Part 11 *Streetscape Arrangement Type 1*

### **Other elements**

Publicly provided streetscape elements such as way finding signage, parking meters, street lights and traffic signage need to be considered. Council will provide guidance on the location of these elements on a site by site basis.

### **Step 7. Advice**

Advice can be sought from Ipswich City Council at any stage by contacting ICC Planning and Development Department on (07) 3810 6666.

Note: Council cannot give advice on behalf of Department of Transport & Main Roads and Public Utility Providers.

### **Step 8. Approvals**

A preliminary streetscape design must be included with a Development Application. Final approval will be part of an Operational Works Approval.

Approvals from Department of Main Roads and Public Utility Providers require separate approval.

## Part 03 Street Trees

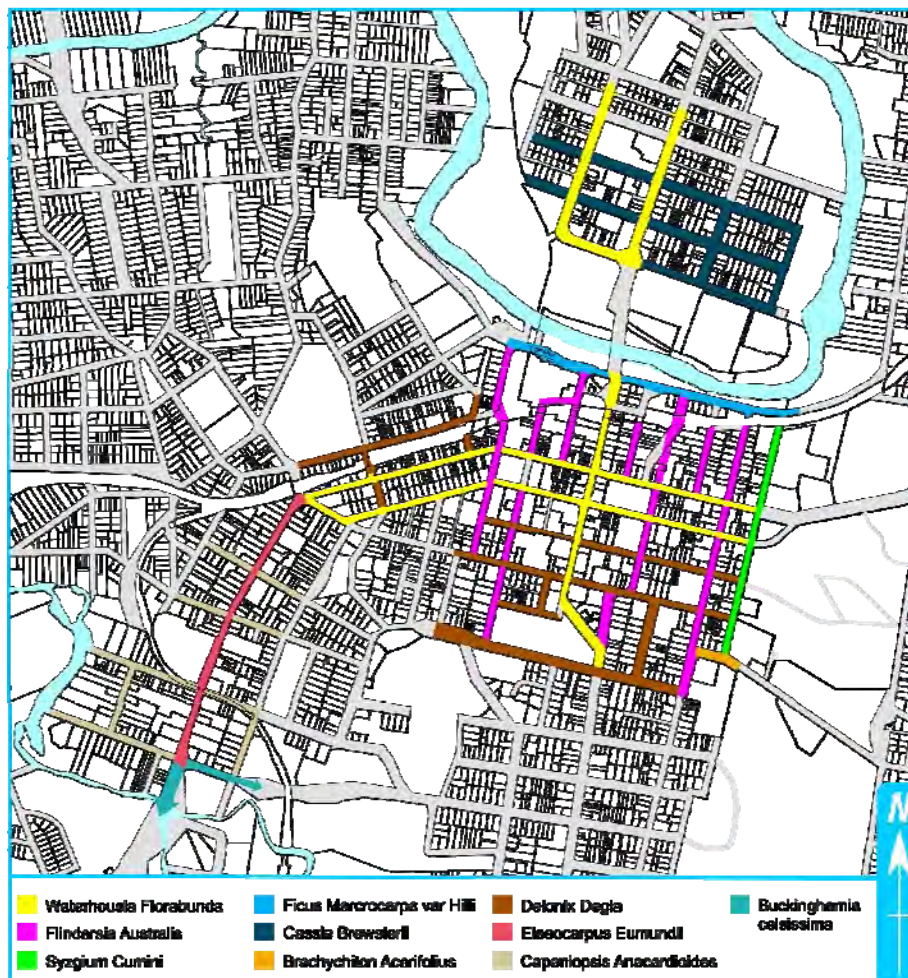
Vegetation including trees and under storey planting contribute strongly to the comfort of the pedestrian environment. Trees provide shade and cool the pedestrian environment. They also soften the hard landscape and provide visual and seasonal variety. Planting schemes can also reinforce route legibility and identify precincts.

Planting in private property can provide valuable pedestrian shade especially where street trees and

awnings are not possible due to site constraints such as underground services, narrow footpaths. Council strongly encourages the planting of shade species in private property adjacent to the pedestrian environment.

The figure below details required tree species. Planting details can be found in Appendix K. It should be noted that soil types and conditions vary across the City Centre which may require site specific variations to these details.

Figure 3.01: Street Tree Themes



## Part 04 Footpath Awnings

Awnings provide greater public amenity and shelter to streets thereby enhancing the pedestrian experience. Council requires provision of awnings throughout the City Centre as per Ipswich City Planning Scheme, Part 5, City Centre. Refer *Fig 4.01*

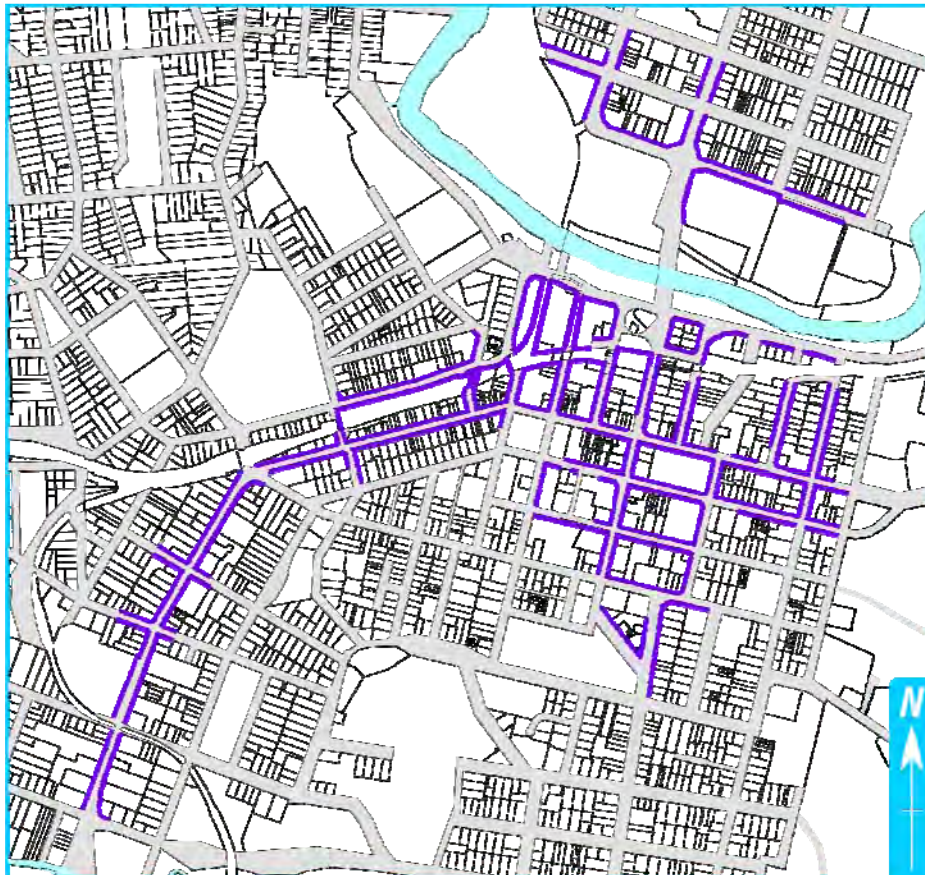
All awnings must be constructed and installed in accordance with the relevant structural requirements under the Building Code of Australia. Non – structural historic style awning posts will normally only be approved in Precinct 3 Top of Town.

All other awnings are to be cantilevered and designed to fit into a coherent network of awning structures.

Awnings fronting streets controlled by Department of Transport and Main Roads (DTMR) will require approval under *Section 52 of the Transport Infrastructure Act 1994*. DTMR sets standards to ensure awnings and other structures over footpaths do not compromise the safety of vehicles using the road.

Awning setbacks shall be as set out in *Fig 4.02*

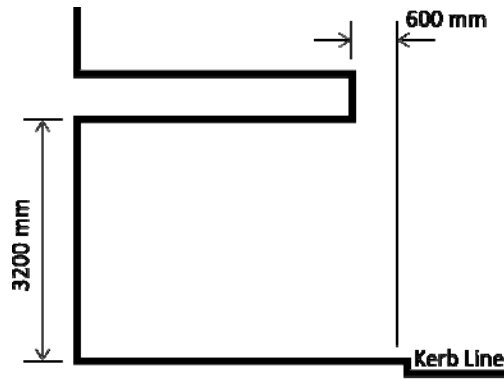
**Figure 4.01: Footpath Awnings \***



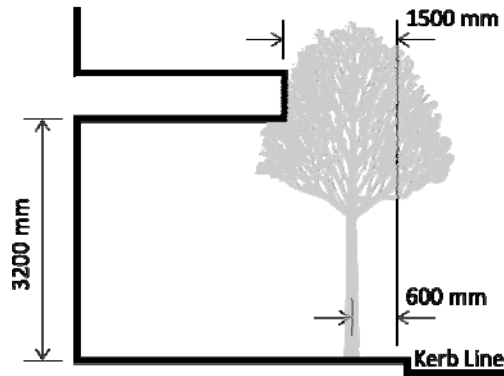
— Street Awnings

\*Ipswich Planning Scheme - Part 5 City Centre

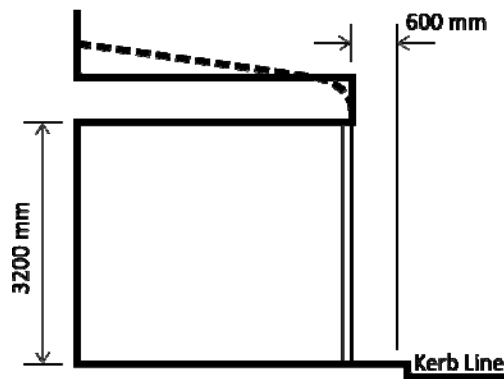
Figure 4.02: Footpath Awning Setbacks



**Type A - No Street Tree**



**Type B - Street Trees**



**Type C - Non Structural Post  
(Top of Town only)**

## Part 05 Pedestrian Lighting

All street lighting installations shall be designed to meet the requirements of the Australian Standard - *Lighting for Roads and Public Spaces (AS/NZS 1158)* for the relevant road hierarchy or pedestrian area classification.

All lighting shall be installed under Energex's Standard Conditions for Public Lighting Services as Contributed (Rate 2) Lighting, unless otherwise specified by Council.

In this regard, where supplementary pedestrian lighting is required in order to meet the requirements of the Australian Standard due to the presence of awnings or vegetation, the installation of Unmetered (Rate 3) luminaires may be considered. In these instances the Sylvania Graphic Series is the preferred luminaire.

All new street lighting installations in the Ipswich City Centre shall contain Metal Halide type lamps.

Refer *Appendix D*