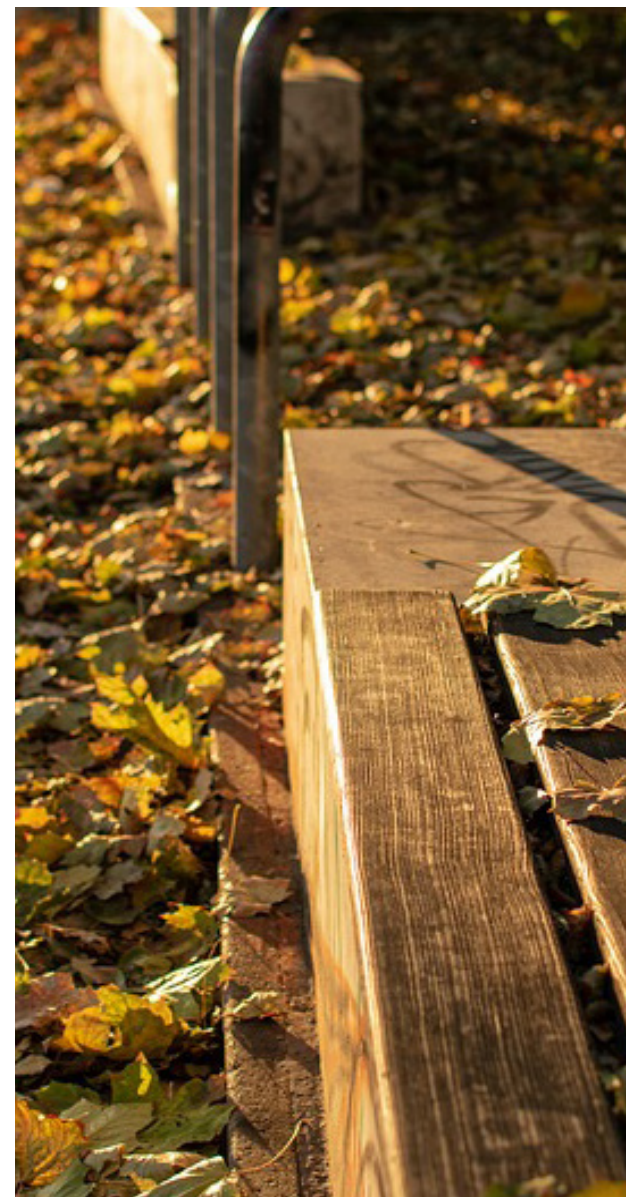


C9.0 Hardscaping

Introduction

The surface materials, lighting, signage and street furniture, which make up the hardscape elements of the Landscape Toolkit, are key to securing appropriate enhancements to open spaces and townscape around the airport, as well as to the creation of exciting and positive experiences within the airport campus itself.



C9.1 Surfaces

Overview

C9.1.1 A wide range of surface materials will be employed across the new airport spaces, as well as in the creation of new routes and in the implementation of some townscape enhancements and improvements to the setting of historic assets. This section illustrates the latter two aspects.

C9.1.2 Surface materials will be carefully selected for their suitability to setting, character and placemaking, as well as to inclusive design. Choices will be made with consideration for sustainable and ethical resourcing.

Functions

C9.1.3 Primary Functions:

- Character enhancement
- Identity and wayfinding

C9.1.4 Secondary Functions:

- Visual amenity

Principles

C9.1.5 Design principles may set out:

- Key design principles, considerations and drivers
- Safe and secure design
- Measures for inclusive design
- Appropriate materials, finishes and appearance (e.g. consideration for durability in a changing climate)
- Appropriate arrangements
- Relevant British Standards and other relevant guidance and regulations
- Management and maintenance

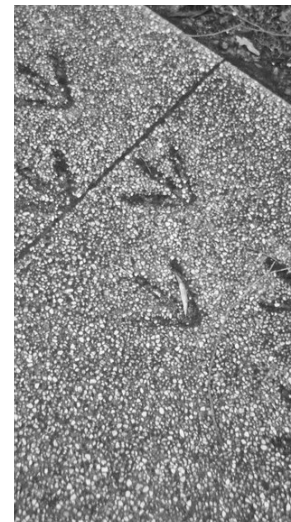


Figure C9.1.1: Examples of surfaces

C9.2 Lighting

Overview

C9.2.1 Appropriate lighting is key to the creation of well used, safe open spaces and routes. It can contribute to wayfinding and placemaking by signalling gateways, arrival and feature spaces, as well as simply offering ambient lighting. Lighting is also an essential part of the security measures for airport operations.

C9.2.2 The design of lighting for roads will be governed by appropriate standards.

Functions

C9.2.3 Primary Functions:

- Safety (not listed within the multifunctionality matrix)

C9.2.4 Secondary Functions:

- Visual amenity
- Character enhancement
- Identity and wayfinding

Principles

C9.2.5 Design principles may set out:

- Key design principles, considerations and drivers
- Safe and secure design
- Measures for inclusive design
- Appropriate materials, finishes and appearance
- Appropriate arrangements
- Relevant British Standards and other relevant guidance and regulations
- Management and maintenance

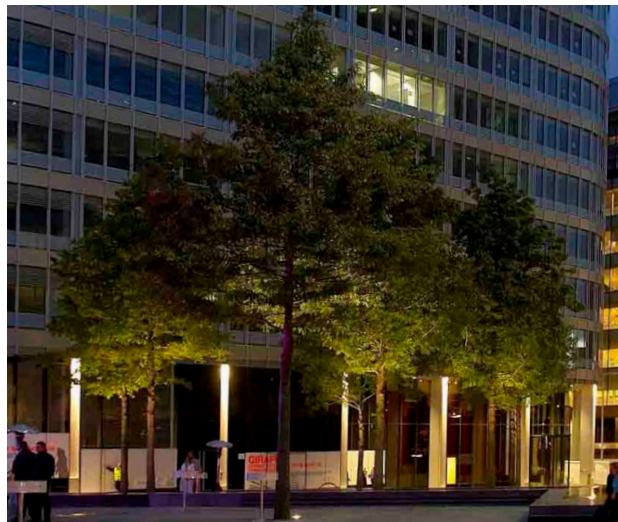


Figure C9.2.1: Examples of lighting

C9.3 Signage

Overview

C9.3.1 Signage will be incorporated along routes and at nodes to aid wayfinding and also at key locations to give important information about historic assets. Design codes and guidelines will set out requirements to achieve clear signage that may involve the development of a signage strategy.

C9.3.2 The signage range or ranges will respond to character areas around the project as well as project wide strategies such as the Green Loop and will be essential to placemaking.

Functions

C9.3.3 Primary Functions:

- Identity and wayfinding

C9.3.4 Secondary Functions:

- Visual amenity
- Character enhancement

Principles

C9.3.5 Design principles may set out:

- Key design principles, considerations and drivers
- Safe and secure design
- Measures for inclusive design
- Appropriate materials, finishes and appearance
- Appropriate arrangements
- Relevant British Standards and other relevant guidance and regulations
- Management and maintenance



Figure C9.3.1: Examples of signage

C9.4 Seating

Overview

C9.4.1 Seating elements are an important consideration in the design of Public Open Spaces. Suitable seating that is positioned in locations to support comfortable walking distances are part of inclusive design. Also, making best use of key views and local micro-climates can assist in making comfortable places to dwell.

C9.4.2 A furniture range or ranges that respond to character areas around the Project as well as project wide strategies such as the Green Loop will be essential to placemaking.

Functions

C9.4.3 Primary Functions:

- Informal recreation

C9.4.4 Secondary Functions:

- Visual amenity
- Character enhancement
- Identity and wayfinding

Principles

C9.4.5 Design principles may set out:

- Key design principles, considerations and drivers
- Safe and secure design
- Measures for inclusive design
- Appropriate materials, finishes and appearance
- Appropriate arrangements
- Relevant British Standards and other relevant
- Guidance and regulations
- Management and maintenance

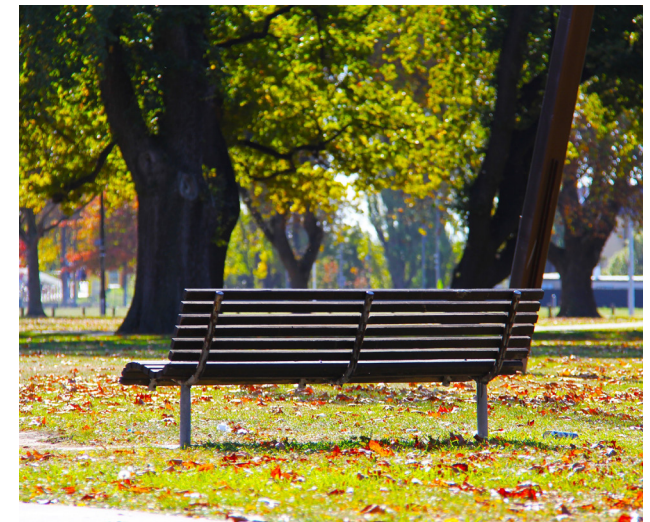


Figure C9.4.1: Examples of seating

C9.5 Traffic Calming

Overview

- C9.5.1 Traffic calming may be incorporated into proposals for enhancements to existing communities where appropriate.

Functions

- C9.5.2 Primary Functions:

- Character enhancement

Principles

- C9.5.3 Design principles may set out:

- Key design principles, considerations and drivers
- Safe and secure design
- Measures for inclusive design
- Appropriate materials, finishes and appearance
- Appropriate arrangements
- Relevant British Standards and other relevant guidance and regulations
- Management and maintenance



Figure C9.5.1: Examples of traffic calming

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