INTRODUCTION

The following pages set out the proposed illustrative master plan and key urban design principles underpinning the design.

The illustrative master plan demonstrates one way in which the proposed development could be brought forward in compliance with proposed parameters, though the details of the illustrative plan are reserved for later applications.

1. Gateways to the proposed development from Airport Way, Cherry Hinton Road, and Coldhams Lane
2. A new park on the north west edge will be accessible to both new and existing residents and will provide a range of outdoor activity areas
3. Multi-functional play areas incorporating drainage features
4. A new primary street following an east / west route running through the community hub and public squares
5. A new community hub, amenity shops and cafe along the primary street
6. A new secondary school with a landmark building. New community sports fields will be shared by secondary school use and residents
7. A new primary school with associated playing fields
8. Green walk - a network of pocket parks and green fingers will thread their way through the new neighbourhood and provide the opportunity for circular walks
9. Linking neighbourhoods - connection with Cherry Hinton and Teversham - A public right of way connecting the two neighbourhoods will be retained and enhanced
10. Cycle network - new cycle network and linkages through the development and parks offering better connectivity to Cambridge city centre
11. Allotments
12. Approved scheme, 16/0746/REM, Field At Corner Of Coldhams Lane And Hatherdene Close
KEY URBAN DESIGN PRINCIPLES

The illustrative master plan is underpinned by the following five key themes:

TRANSPORT
A strong primary route connects through the heart of Land North of Cherry Hinton. This creates a well connected place with opportunities for vistas into the airport and back into the urban form.

ADDRESSING THROUGH TRAFFIC
Streets will be designed with traffic calming measures and reduced traffic speeds. An emphasis on the cycle and pedestrian network will aid the creation of a walkable neighbourhood and promote sustainable modes of travel.

DRAINAGE
Integrating the existing water course and utilising drainage features will create a unique and attractive public realm and open space network.

CHARACTER
The proposals will reflect local characteristics ensuring a positive relationship with the existing settlement, whilst drawing inspiration from the character of more recent developments across Cambridge city.

AIRPORT
Land North of Cherry Hinton will celebrate its unique location adjacent to the airport, ensuring views of the airport are retained and enhanced.

The urban and built form will help mitigate noise generated by airport activity.

COMMUNITY
- Network of open spaces (pages 120-121)
- Informal and formal play and community facilities (pages 120-121)
- Strong green framework throughout the site (page 120-121)
- Attractive cycle and walking routes (page 84-85)
- Centrally located local centre with uses to facilitate community interaction (page 104-105)
- Quality housing of all tenure types
- Community and social infrastructure including primary and secondary school (page 100-109)
- Use of the secondary school fields by the wider community (page 106)

CONNECTIVITY
- Improved connections to the wider public transport network (page 86)
- A strong pedestrian and cycle network (pages 84-85)
- Connections to existing pedestrian and cycle network (page 84)
- A clear hierarchy of streets (page 77)

Figure 6.2: Key community facilities
Figure 6.3: Movement network