



SUNNICA ENERGY FARM

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Volume 6

Environmental Statement

6.2 Appendix 10E: Local Landscape Character Areas

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Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009



Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms and
Procedure) Regulations 2009**

Sunnica Energy Farm

**Environmental Statement
Appendix 10E: Local Landscape Character Areas**

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1 Introduction

- 1.1.1 This appendix sets out the landscape characteristics and sensitivity of local landscape character areas (LLCA) across the LVIA study area. Paragraph 5.14 of GLVIA3 states that '*broad-scale assessments at national or regional level can be helpful in setting the landscape context, but are unlikely to be helpful on their own as the basis for LVIA – they may be too generalised to be appropriate for the particular purpose*'. The LLCA have been defined by the Applicant via desk based reviews of published landscape character assessments fieldwork and discussions with stakeholders to provide a finer level of detail and a more proportionate scale to the landscape assessment, in comparison to the wider geographic extent of the published studies.
- 1.1.2 The relationship between the LLCA and the published studies is set out in the LLCA Summary Table at the end of this appendix.
- 1.1.3 The locations for the LLCA and the assessment of them have been discussed with the Local Planning Authorities during the preparation of the LVIA.
- 1.1.4 The appendix should be read in combination with Figure 10-10 of **Chapter 10: Landscape and Visual Amenity**, which illustrates the location and extent of the LLCA.

2 Local Landscape Character Area Methodology

- 2.1.1 The methodology for identifying the LLCAs has been derived from Natural England's 'An Approach to Landscape Character Assessment', 2014. This guidance sets out the following stages for the assessment:
 - a. Defining the purpose – which has been to provide a more proportionate scale of landscape character assessment in comparison to the wider geographic extent of the published landscape character assessments and related studies. The assessment has focused on LLCA within the study area;
 - b. Desk study – the assessment has reviewed the published landscape character assessments, Ordnance Survey and aerial mapping to analyse the relevant data, including topographic features, land use, vegetation patterns and cultural associations. This phase has also included discussions with the Local Planning Authority;
 - c. Fieldwork – this has been undertaken during the assessment process to refine the results of the desk-based study and capture the aesthetic, perceptual and experiential qualities of the landscape; and
 - d. Classification – the conclusions of the above stages are set out below via the identification of LLCAs. An assessment is made on the sensitivity of each LLCA with reference to GLVIA 3, which requires judgements on landscape value and landscape susceptibility to inform the landscape sensitivity. The same approach is advised by Natural England's 'An approach to landscape sensitivity assessment', (2019). Therefore, in accordance with GLVIA 3, the judgements on landscape value and landscape susceptibility are derived from the LVIA methodology, set out in Appendix 10-C.

3 Local Landscape Character Areas

3.1.1 The following section sets out the LLCA across the study area and should be read in combination with Figure 10-10 **of Chapter 10: Landscape and Visual Amenity**.

3.1 LLCA 1: Mildenhall Woods (LLCA 1)

3.1.1 With reference to Figure 10-10, LLCA 1 is located at the north-east edge of the study area. The Scheme is not located within LLCA 1.

3.1.2 The LLCA consists of an extensive area of established woodland, which is managed as part of the wider Thetford Forest Park.

LLCA 1 Key Characteristics

- a. Extensive area of mature and predominantly coniferous plantation woodland;
- b. Gently rising land from west to east and from south to north;
- c. Land managed for forestry;
- d. Large areas of felled and replanted woodland;
- e. Strong sense of enclosure resulting in an increasing tranquillity and sense of remoteness away from settlement and road networks;
- f. Designated as open access land;
- g. Area divided by a number of linear roads and rights of way; and
- h. The Erinwell Lode drains the area towards the River Lark which lies just south of the LLCA.

Aesthetic, Perceptual and Experiential Value

3.1.3 There is a high aesthetic value due to the form and colour tones of the woodland, along with the textures of the vegetation cover.

3.1.4 The perceptual aspects include both the visibility of the woodland and the associated lack reduced noise from human influences. The perceptual aspects of tranquillity increase further from the main road networks and there is a sense of remoteness and wildness to the LLCA. The extent of woodland provides a harmonious vegetation cover and perception of a natural landscape.

3.1.5 The LLCA is experienced by being able to move through the LLCA. The experiential value is considered to be important for health and wellbeing, offering the experience of a connection to habitats and recreation.

Other factors of Landscape Value

3.1.6 The LLCA 1 is not covered by any statutory landscape designations but forms part of the Thetford Forest Park and is owned and managed by Forestry England. It is wholly designated as open access land, providing recreational access.

3.1.7 The LLCA 1 is in a good condition and is being actively managed for forestry and biodiversity benefits.

- 3.1.8 There is some rarity in landscape terms, even as a managed woodland due to the scale of the woodland. The LLCA is also representative of the extensive woodlands identified by the published landscape character assessments.
- 3.1.9 LLCA 1 is covered by a SSSI designation which provides a conservation interest and a functional value to the landscape.
- 3.1.10 LLCA 1 has a high recreational value.
- 3.1.11 From the above, LLCA 1 is assessed of being high value.

Landscape Susceptibility

- 3.1.12 As LLCA 1 consists of extensive woodland cover and recreational access, is representative of the published landscape character assessments, and includes high levels of aesthetic and cultural association, the s susceptibility is assessed as high.

Landscape Sensitivity

- 3.1.13 The combination of the high value and high susceptibility results in a high sensitivity to the Scheme.

3.2 LLCA 2: RAF Mildenhall Airfield (LLCA 2)

- 3.2.1 With reference to Figure 10-10, LLCA 2 is located in the north-east part of the study area. The Scheme is not located within LLCA 2.
- 3.2.2 The LLCA consists of a large, open military airbase with a range of large scale buildings, warehouses, hangers and hard standings.

LLCA 2 Key Characteristics

- a. Broad flat and open airfield landscape;
- b. Large areas of open grassland and hard standing;
- c. Scattered large-scale hanger buildings;
- d. High levels of activity (on the ground and in the air) which reduce tranquillity; and
- e. Security fencing to limit access.

Aesthetic, Perceptual and Experiential Value

- 3.2.3 The LLCA is of a very low aesthetic value due to the land use and associated buildings and extent of hard standing and security fencing, resulting in a scale and form of structures of a very low scenic value.
- 3.2.4 The perceptual aspect are both visual and aural. The movement of vehicles and aircraft within the LLCA negates any sense of wildness or remoteness and tranquillity.
- 3.2.5 The experience of the LLCA is one of which is dominated by its land use, which reduces the importance of the landscape for enjoyment.

Other factors of Landscape Value

- 3.2.6 The LLCA 2 is not covered by any statutory landscape designations and contains very few elements of landscape importance. It is in a fair condition but as a large scale engineered airfield is discordant from the surrounding landscape pattern of fields and smaller settlements.
- 3.2.7 There are no conservation or recreational assets within LLCA 2. There is cultural associations via WWII and the use of the airbase, but none that currently contribute to perceptions of the natural beauty of the area.
- 3.2.8 It is not representative of particular characteristics of importance within the published assessments for the area. The LLCA is assessed as having a very low functional value.
- 3.2.9 LLCA 1 is assessed to be of very low value.

Landscape Susceptibility

- 3.2.10 The LLCA is an open, flat and engineered landscape with no public access such that it would be of very low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.2.11 The combination of the very low value and very low susceptibility results in a very low sensitivity to the Scheme.

3.3 LLCA 3: Mildenhall (LLCA 3)

- 3.3.1 With reference to Figure 10-10 of **Chapter 10: Landscape and Visual Amenity**, LLCA 3 is in the northern part of the study area. The Scheme is not located within LLCA 3.
- 3.3.2 The LLCA comprises the built-up area of the market town of Mildenhall which lies to the west side of Thetford Forest, north of the A11.

Key Characteristics

- a. Small market town with nucleated settlement pattern;
- b. Mildenhall Conservation Area in the south of the area covers the historic centre of the town and includes a large number of listed buildings;
- c. areas relating to substantial growth in the 19th and 20th century, including housing industry and retail areas to the north and east;
- d. Broadly flat topography with slight elevation in the town centre; and
- e. Varied context surrounds the LLCA with River Lark to the south, Mildenhall woods to the east, and RAF Mildenhall Airfield to the north.

Aesthetic, Perceptual and Experiential Value

- 3.3.3 There is a varied aesthetic value to the LLCA due to the varying building forms and textures of architectural quality within the historic centre, which is memorable, in comparison to the contemporary residential development.

3.3.4 The perceptual value of wildness and remotes are negated by the land use as well as audible noise and movement associated with town centres and residential areas.

3.3.5 The experience of the landscape is primarily from the transport corridors and related to the land uses.

Other factors of Landscape Value

3.3.6 A section of the LLCA in the south is covered by conservation area designation on account of the notable built heritage with various listed buildings and archaeological sites of townscape importance.

3.3.7 The LLCA is in a fair condition and some rarity in landscape terms with some sense of place associated with the historic marketplace in the town centre. The adjoining areas of Thetford Forest Park at Mildenhall Woods to the east also provide some nature conservation and recreational interest and increased perceptual aspects of tranquillity and functional value.

3.3.8 LLCA 3 is somewhat representative of some characteristics of importance within the published assessments for the area.

3.3.9 LLCA 3 is considered to be of medium value.

Landscape Susceptibility

3.3.10 The LLCA comprises an existing built up area which therefore has a low susceptibility to the type of development proposed.

Landscape Sensitivity

3.3.11 The combination of the medium value and low susceptibility results in a medium sensitivity to the Scheme.

3.4 LLCA 4: Barton Mills (LLCA 4)

3.4.1 With reference to Figure 10-10, LLCA 4 is located in the north-east part of the study area. The Scheme is not located within LLCA 4.

3.4.2 The LLCA consists of the linear rural village of Barton Mills which sits with a river landscape setting.

LLCA 4 Key Characteristics

- a. Linear, low density village settlement pattern south of the River Lark;
- b. Flat low-lying topography on the edge of water meadows;
- c. Tranquillity reduced by A11 to the south;
- d. Enclosed and vegetated character with variation in spaces between buildings;
- e. Barton Mills Conservation Area; and
- f. Small number of listed buildings.

Aesthetic, Perceptual and Experiential Value

- 3.4.3 The aesthetic value is varied due the range of building, but there is a complementary colour tone and relationship between the vegetated character of the village and the vegetation patterns, as well as a consistent form to the scale of the buildings.
- 3.4.4 The perception of the LLCA is of a coherent relationship between the village and the river, which is perceived visually and also by reduced audible noise.
- 3.4.5 The experiential qualities are of a village closely siting in relation to the water meadows, that there is a sympathetic relationship between the built and natural elements of the LLCA.

Other factors of Landscape Value

- 3.4.6 LLCA 4 is partially covered by a conservation area designation to the north and east, on account of the notable built heritage with various listed buildings of townscape importance
- 3.4.7 LLCA 4 is in a fair condition with some rarity in landscape terms relating to the river which adds to the scenic quality of the LLCA.
- 3.4.8 The adjoining River Lark and areas of Thetford Forest Park at Mildenhall Woods to the north provide some nature conservation and recreational interest and increased perceptual aspects of tranquillity.
- 3.4.9 The LLCA is somewhat representative of important characteristics within the published assessments for the area and is assessed to be of medium value due to the extent of the conservation area.

Landscape Susceptibility

- 3.4.10 The LLCA is a developed area but is characterised as a rural village settlement with some distinctive features and spaces, including aesthetic cultural or perceptual aspects such, that it is assessed of high susceptibility.

Landscape Sensitivity

- 3.4.11 The combination of medium value and high susceptibility results in a high sensitivity to the Scheme.

3.5 LLCA 5: West Row and Thistley Green (LLCA 5)

- 3.5.1 With reference to Figure 10-10 of **Chapter 10: Landscape and Visual Amenity**, LLCA 5 is located in the north-east part of the study area. The Scheme is not located within LLCA 5.
- 3.5.2 The LLCA consists of the dispersed rural villages of West Row and Thistley Green, which lie to the north of the River Lark within the settled fen edge landscape.

Key Characteristics

- a. Linear dispersed settlements of West Row and Thistley Green;

- b. Flat and low-lying topography;
- c. Limited vegetation and hedgerow cover;
- d. Fields and green space between roads and settlement create open character;
- e. Good provision of recreational public rights of way, including links to River Lark;
and
- f. Small number of listed buildings.

Aesthetic, Perceptual and Experiential Value

- 3.5.3 The scale and form of the buildings within the LLCA provide a varied architectural quality, with greater aesthetic value via listed buildings.
- 3.5.4 The perception is of settlements in an otherwise open landscape, with the settlements having a connection with the River Lark.
- 3.5.5 The LLCA is experienced by both public rights of way and transport routes.

Other factors of Landscape Value

- 3.5.6 The LLCA 5 is not covered by any statutory landscape designations but contains some listed buildings which add to the rarity and historical and cultural interest of the area.
- 3.5.7 LLCA 5 is in a fair condition and has good recreational access and a rural character. It is somewhat representative of key characteristics within the published assessments for the area.
- 3.5.8 LLCA 5 is assessed as being of low value.

Landscape Susceptibility

- 3.5.9 LLCA 5 is a dispersed settlement pattern with generally flat landform and an open character, such that is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.5.10 The combination of the low value and medium susceptibility results in a medium sensitivity to the Scheme.

3.6 LLCA 6: West Row Village Chalklands (LLCA 6)

- 3.6.1 With reference to Figure 10-10 of **Chapter 10: Landscape and Visual Amenity**, LLCA 6 is located in the north-east part of the study area. The Scheme is not located within LLCA 6.
- 3.6.2 The LLCA consists of an open arable landscape to the north of the River Lark and between the built up areas of Mildenhall, West Row and RAF Mildenhall Airfield, such that it is considered to form the setting to these settlements.

Key Characteristics

- a. Open arable landscape;
- b. Medium-scale geometric field pattern;
- c. Limited vegetation cover or hedgerows;
- d. Distinctive tree avenues along West Row Road and several field boundaries; and
- e. Flat low-lying topography.

Aesthetic, Perceptual and Experiential Value

- 3.6.3 There is a consistent scale to the field pattern, with the agricultural land use providing a colour tone of pale browns and earth tones which vary with the seasons and the land use. There is also a varying texture to the LLCA, via the land use.
- 3.6.4 The perceptual aspects of tranquillity are higher to the south towards the River Lark but reduce to the north and east towards Mildenhall and the RAF Mildenhall airfield.
- 3.6.5 The LLCA is experienced from public rights of way and road networks and as a landscape which the users travel through.

Other factors of Landscape Value

- 3.6.6 LLCA 6 is not covered by any statutory landscape designations and contains few elements of landscape importance. The LLCA is in fair condition but has limited features of value.
- 3.6.7 There are no nature conservation or recreational assets within LLCA 6 or cultural associations that contribute to perceptions of the natural beauty of the area, such that the functional value of the landscape is assessed as low.
- 3.6.8 It is representative of some elements and characteristics within the published assessments for the area. It is assessed to be of low value.

Landscape Susceptibility

- 3.6.9 The LLCA is an open, generally flat arable landscape with limited vegetation cover. LLCA 6 is assessed as being of low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.6.10 The combination of the low value and low susceptibility results in a low sensitivity to the Scheme.

LLCA 7: River Lark Valley (LLCA 7)

- 3.6.11 With reference to Figure 10-10, LLCA 7 is located in the north-east part of the study area. The Scheme is not located within LLCA 7.
- 3.6.12 The LLCA consists of the narrow river valley landscape associated with the River Lark between West Row and Mildenhall and south to Herringswell.

Key Characteristics

- a. Narrow, meandering river corridor;
- b. River is slightly lower-lying than surrounding landscape, whilst engineered embankments results in localised sections of raised landform;
- c. Small fields of pasture in contrast to surrounding arable or residential land uses;
- d. Vegetated river corridor to east but more open in character to the west; and
- e. Good recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.6.13 There is a texture to the river corridor, along with a meandering form which provide an aesthetic value.
- 3.6.14 There is a degree of wildness to the LLCA via the river and vegetation, but a limited sense of remoteness and tranquillity are higher away from larger settlements to the west and south but reduce around Mildenhall.
- 3.6.15 The experience of the LLCA is from moving through the landscape, often on public rights of way and there is therefore a direct access and connection to the LLCA.

Other factors of Landscape Value

- 3.6.16 The LLCA 7 is not covered by any statutory landscape designations but contains some ecological features and designations of nature conservation importance which contribute to some rarity in the landscape and a functional value.
- 3.6.17 The LLCA is in a fair condition and has good recreational access.
- 3.6.18 It is representative of some of the key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.6.19 As the LLCA is a narrow river corridor with small-scale fields adjoining the river, it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.6.20 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.7 LLCA 8: Worlington (LLCA 8)

- 3.7.1 With reference to Figure 10-10, LLCA 8 is located in the north-east part of the study area. The Scheme is not located in LLCA 8.
- 3.7.2 The LLCA consists of the linear village of Worlington which lies to the south of the River Lark and sits within a rural and recreational (golf course) landscape setting.

Key Characteristics

- a. Linear village settlement pattern, with buildings closely related to the road pattern;
- b. Generally small-scale fields or golf course on village edge forming the setting to the LLCA;
- c. Flat low-lying topography;
- d. Small number of listed buildings and a range of housing types and styles;
- e. Royal Worlington Golf Course and
- f. Vegetation around village provides some enclosure.

Aesthetic, Perceptual and Experiential Value

- 3.7.3 There is a varied form but overall consistent scale to buildings across the LLCA which results in a varying level of scenic value, which is considered to increase in relation to the listed buildings. The vegetation cover across the LLCA provides a colour contrast to the buildings and increases the textural qualities of the LLCA.
- 3.7.4 There is no sense of remoteness and tranquillity is limited being a settlement.
- 3.7.5 The LLCA is primarily experienced via the road networks, with the sense of travelling to and from the villages via a rural or amenity landscape.

Other factors of Landscape Value

- 3.7.6 The LLCA 8 is not covered by any statutory landscape designations but contains some listed buildings which add to the rarity and historical and cultural interest of the area.
- 3.7.1 The LLCA has a village character due to its scale and the settlement pattern and is in a fair condition. There are a range of building styles within the village, with contemporary development at the south-west edge of the LLCA, in proximity to Freckenham Road.
- 3.7.2 The LLCA is somewhat representative of key characteristics within the published assessments for the area.
- 3.7.3 The LLCA is assessed as being of medium value.

Landscape Susceptibility

- 3.7.4 As the LLCA is a settlement (i.e. developed) and with a degree of enclosure, it is assessed as being of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.7.5 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.8 LLCA 9: Six Acre Chalk Farmland (LLCA 9)

- 3.8.1 With reference to Figure 10-10, LLCA 9 is located in the north-east part of the study area. The Scheme is not located in the LLCA.
- 3.8.2 The LLCA consists of enclosed farmland to the south of the River Lark and north of the A11, between the settlements of Barton Mills and Worlington.

Key Characteristics

- a. Mixed arable fields and broadleaved woodland with shelterbelts and some hedgerow cover;
- b. Low-lying and flat topography;
- c. Sense of enclosure; and
- d. Tranquillity somewhat reduced by the A11.

Aesthetic, Perceptual and Experiential Value

- 3.8.3 There are a range of colour tones across the LLCA due to the arable and golf course land uses, which also result in varying textures to the landscape.
- 3.8.4 There is an increased level of tranquillity away from the A11 and across the golf course.
- 3.8.5 The LLCA is experienced from public rights of way, transport corridors and recreational areas of the golf course.

Other factors of Landscape Value

- 3.8.1 LLCA 9 is not covered by any statutory landscape designations. The LLCA is in a fair condition with some sense of enclosure due to the vegetation structure.
- 3.8.2 There are no nature conservation interests within LLCA 9, cultural associations or elements that contribute to perceptions of the natural beauty of the area and there is limited PRow recreational access. The LLCA is partly representative of key characteristics within the published assessments for the area. The LLCA is assessed as being of low value.

Landscape Susceptibility

- 3.8.3 The LLCA is a mixed arable and well-vegetated landscape with a flat landform, balanced with the golf course which represents an engineered landscape and change from arable fields, such that the LLCA is assessed as low susceptibility.

Landscape Sensitivity

- 3.8.4 The combination of the low value and low susceptibility results in a low sensitivity to the Scheme.

3.9 LLCA 10: Isleham (LLCA 10)

- 3.9.1 With reference to Figure 10-10, LLCA 10 is located in the northern part of the study area. The Scheme is not located in LLCA 10.

3.9.2 The LLCA consists of a nucleated village situated in a slightly elevated position on the edge of the Fens, to the south of the River Lark. The LLCA therefore sits in the context of a rural setting, including the river.

Key Characteristics

- a. Small scale nucleated village with buildings closely aligned to the road networks;
- b. Slightly elevated position in relation to the lower-lying Fens to the north;
- c. Limited vegetation cover around the southern edge of the village edge, resulting in an open character and inter-visibility with fields and buildings in Freckenham, including the church;
- d. In part covered by Isleham Conservation Area;
- e. Number of listed buildings, and remains of old priory to north of village;
- f. Range of building types, generally two storeys with more recent development along the southern edges of the village, including adjacent to the B1102 and at The Ark, a large scale church at the southern part of the village.

Aesthetic, Perceptual and Experiential Value

3.9.3 There is a general consistent two storey scale to residential land use across the LLCA. There form and detailing of buildings is varied, with greater aesthetic value in the listed buildings. The textures of building materials are consistent resulting in similar colour tones across the LLCA which contrast with the surrounding rural setting.

3.9.4 There is no sense of remoteness or wildness being a settlement, but the tranquillity increases across the old priory.

3.9.5 The LLCA is experienced by a number of recreational routes across the LLCA and on the road networks, which form the approach and sense of arrival from a rural landscape to the LLCA, including the perception of travelling to and from Freckenham.

Other factors of Landscape Value

3.9.1 LLCA10 is partially covered by conservation area designation on account of the notable built heritage with various listed buildings of townscape importance and a scheduled monument. The LLCA is in a good condition overall, although with a varied architectural quality to the buildings and common buildings and spaces.

3.9.2 There are no designated nature conservation interests but there is a network of PRow and open spaces within the village, including the old priory which provide some recreational interest.

3.9.3 The LLCA is somewhat representative of key characteristics within the published assessments for the area. The LLCA is assessed as being of medium value.

Landscape Susceptibility

- 3.9.4 Considering the nucleated settled pattern, open character and inter-visibility and degree of aesthetic, cultural and perceptual aspects, the susceptibility is assessed as high.

Landscape Sensitivity

- 3.9.5 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.10 LLCA 11: East Fen Chalklands (LLCA 11)

- 3.10.1 With reference to Figure 10-10, LLCA 11 is located in the northern part of the study area. Sunnica East Site A is located across part of LLCA 11.

- 3.10.2 The LLCA consists of open, gently undulating, arable farmland between the settlements of Isleham, Freckenham, Fordham and West Row.

Key Characteristics

- a. Arable farmland with medium to large-scale field pattern extending either side of the B1102 (Station Road);
- b. Very gently undulating topography with more elevated land to the south of Isleham, adjacent to the dismantled railway and with lower-lying land to the north at Lee Brook;
- c. Very limited vegetation cover, or hedgerows in poor condition;
- d. Large-scale open landscape, occasional features and low level structures associated with pig farming; and
- e. Limited PRow and recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.10.3 There is a consistent scale to the field pattern, with colour tones changing with the land use and seasons. The textural aesthetic is simple due to the land use, with additional colour from intervening vegetation patterns where present.
- 3.10.4 The sense of remoteness is reduced by inter-visibility with settlement patterns, but there is an 'empty' perception to the landscape character. The tranquillity is also reduced in proximity to the road networks.
- 3.10.5 The LLCA is predominantly experienced via the road networks, due to limited public rights of way. The experience is therefore of a landscape which one passes through, often between villages.

Other factors of Landscape Value

- 3.10.6 LLCA 11 is not covered by any statutory landscape designations and contains few elements of landscape importance. The LLCA is in a fair to poor condition due to gappy or intermittent hedgerows. It has an open character resulting in a high inter-visibility with vegetated skylines (pine lines) or settlements.

- 3.10.7 There are no designated nature conservation assets, notable cultural associations or elements or characteristics that contribute to perceptions of the natural beauty of the area. Recreational access is also limited.
- 3.10.8 LCA 11 is representative of key characteristics within the published assessments for the area. LLCA 11 is considered to be of low value.

Landscape Susceptibility

- 3.10.9 The LLCA is an open, very gently undulating arable landscape with limited vegetation cover and few structures beyond those associated with farming. The LLCA is therefore assessed as being of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.10.10 The combination of the low value and medium susceptibility results in a medium sensitivity to the Scheme.

3.11 LLCA 12: Freckenham (LLCA 12)

- 3.11.1 With reference to Figure 10-10, LLCA 12 is located in the northern part of the study area. The Scheme is not located in LLCA 12.
- 3.11.2 The LLCA consists of a small nucleated village with some vegetated enclosures, set within undulating farmland to the south of the River Lark. The LLCA is surrounded by a rural landscape which forms its setting.

Key Characteristics

- a. Small scale nucleated village settlement;
- b. Gently undulating topography across the low-lying Lee Brook which flows through the village;
- c. Small-scale field patterns to village edge;
- d. Freckenham Conservation Area and a range of building styles;
- e. Number of listed buildings including the Church;
- f. Inter-visibility and associated with Isleham; and
- g. Mixed vegetation cover, more wooded to east of village and more open to west.

Aesthetic, Perceptual and Experiential Value

- 3.11.3 There is a consistent scale to the scale of buildings across the LLCA, with the textures and architectural interest increasing at the Conservation Area and church.
- 3.11.4 As a settlement there is no sense of remoteness or wildness, but the LLCA is perceived as a small scale settlement in a rural landscape.
- 3.11.5 The experience of the LLCA is via the road networks which form the approach to the LLCA and between Isleham, as well as from public rights of way to and from the LLCA.

Other features of Landscape Value

- 3.11.6 LLCA12 is partially covered by a conservation area designation on account of the built heritage with various listed buildings of townscape importance. The LLCA is in a good condition with a mixed vegetation cover around the village edge.
- 3.11.1 There are no designated nature conservation interests but there is a network of PRoW and open spaces within the village, which provide recreational value.
- 3.11.2 The LLCA is partly representative of key characteristics within the published assessments for the area. It is considered to be of medium value due to the conservation area.

Landscape Susceptibility

- 3.11.3 The LLCA is a settlement (i.e. developed) but due to the settlement pattern with some aesthetic, cultural and perceptual aspects, it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.11.4 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.12 LLCA 13: Estate Sandlands Mosaic (LLCA 13)

- 3.12.1 With reference to Figure 10-10, the LLCA is located in the northern part of the study area. Sunnica East Site B is located across part of the LLCA.
- 3.12.2 The LLCA consists of medium to large scale arable farmland between the River Lark and the A11 and between the settlements of Worlington and Freckenham.

Key Characteristics

- a. Medium to large-scale arable landscape;
- b. Very gently undulating topography;
- c. Tree shelterbelts and plantations of broadleaved and coniferous woodland including 'pine lines';
- d. Occasional hedgerows in field boundaries and along roads;
- e. Solar farm and mineral working sites;
- f. Tranquillity somewhat reduced by the A11; and
- g. Limited recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.12.3 There is a consistent scale of the field pattern and form of vegetation via pine lines and linear belts of vegetation reflecting a geometric field pattern. The colour and texture tones of the landscape vary with the seasons, although the evergreen vegetation is a constant tone of green.

- 3.12.4 The perception is of a varied landscape due to several land uses, with tranquillity increasing towards the River Lark, but decreasing in proximity to the A11. The perception is of a rural landscape which forms the setting to several villages.
- 3.12.5 The experience of the LLCA is predominantly via the road networks due to limited public rights of way.

Other factors of Landscape Value

- 3.12.1 LLCA 13 is not covered by any statutory landscape designations but there are some small isolated nature conservation interests.
- 3.12.2 The LLCA is in a fair condition with some recreational value via the U6006 and vegetation cover including characteristic pine lines.
- 3.12.3 There are no notable cultural associations the area has undergone some modifications with quarry activity and a solar farm present.
- 3.12.4 It is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.12.5 The LLCA has a very gently undulating topography, enclosure, a geometric pattern and 'engineered' character, as well as existing mineral workings. These are balanced with the extent of vegetation and characteristic pine lines. The susceptibility is assessed as medium.

Landscape Sensitivity

- 3.12.6 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.13 LLCA 14: River Kennett (LLCA 14)

- 3.13.1 With reference to Figure 10-10, the LLCA is located in the north eastern part of the study area. Part of Cable Route A crosses the LLCA.
- 3.13.2 The LLCA consists of the narrow, sinuous valley landscape defined by the River Kennet between Freckenham and Kennet

Key Characteristics

- a. Open arable fields with limited vegetation cover;
- b. Narrow, sinuous River Kennet with riparian tree cover;
- c. Topography gently falling towards River Kennet;
- d. Small number of listed buildings and a scheduled monument; and
- e. Open character.

Aesthetic, Perceptual and Experiential Value

- 3.13.3 There is a textural value to the LLCA due to the river and the vegetation patterns which in turn provide a colour to the landscape.
- 3.13.4 The tranquillity is higher away from larger settlements and the A11 which crosses the middle of the LLCA. There is also an increased sense of remoteness away from these land uses.
- 3.13.5 The experience of the LLCA is limited to public rights of way or road networks.

Other factors of Landscape Value

- 3.13.1 LLCA 14 is not covered by any statutory landscape designations but contains some ecological features and designations of nature conservation importance which contribute to some rarity in the landscape.
- 3.13.1 The LLCA is in a fair condition with an open character across the fields and a well vegetated character adjacent to the River Kennett. Recreational access is limited though.
- 3.13.2 It is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.13.3 The LLCA has a very gently undulating topography, some enclosure, and limited recreational access, balanced with the mature vegetation and the River Kennett, such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.13.4 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.14 LLCA 15: Red Lodge (LLCA 15)

- 3.14.1 With reference to Figure 10-10, LLCA 15 is located in the north-east part of the LLCA. The Scheme is not located in LLCA.
- 3.14.2 The LLCA consists of a nucleated settlement with large areas of recent housing along the southern side of the A11

Key Characteristics

- a. Large nucleated village settlement which has seen large-scale recent residential-led development;
- b. Generally flat topography;
- c. Woodland and vegetation around settlement provide sense of enclosure;
- d. Red Lodge Heath and other recreational green space; and
- e. Tranquillity reduced by the A11.

Aesthetic, Perceptual and Experiential Value

- 3.14.3 There is a consistent scale and form to residential land uses, with a range of colour tones which are generic to contemporary development.
- 3.14.4 There is increased tranquillity away from the settlement and the A11, but no sense of wildness or remoteness due to inter-visibility with settlement and audible noise from road networks.
- 3.14.5 The experience of the LLCA is via public rights of way and road networks.

Other factors of Landscape Value

- 3.14.6 The LLCA is a built-up area which does not include any landscape designations or heritage or built conservation designations nor associations but is covered by a SSSI at Red Lodge Heath which provides some nature conservation interest, functionality and rarity in the landscape.
- 3.14.7 The Red Lodge Heath area provides some open space within the settlement pattern and some recreational interest.
- 3.14.8 It is less representative of key characteristics within the published assessments for the area. It is considered to be of low value on account of the scale and nature of the townscape and influence of the A11 along its northern boundary.

Landscape Susceptibility

- 3.14.9 The LLCA comprises a contemporary built-up area (i.e. developed) and has a low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.14.10 The combination of the low value and low susceptibility results in a low sensitivity to the Scheme.

3.15 LLCA 16: Brecks Estate Heathland (LLCA 16)

- 3.15.1 With reference to Figure 10-10, the LLCA is located at the eastern edge of the study area. The Scheme is not located in the LLCA.
- 3.15.2 The LLCA consists of wooded, arable farmland to the south of Red Lodge and the A11.

Key Characteristics

- a. Arable farmland interspersed with broadleaved plantation woodland;
- b. Gently undulating landform;
- c. Sense of enclosure from extent of woodland and tree belts;
- d. Icknield Way long distance recreational trail;
- e. Several listed buildings and scheduled monuments; and
- f. Extensive SSSI designation.

Aesthetic, Perceptual and Experiential Value

- 3.15.3 There is a varied scale to the landscape, with colour tones which vary across the seasons. The woodland and fields patterns provide a range of textures.
- 3.15.4 Tranquillity is higher to the south, away from the A11, along with an increased perception of remoteness.
- 3.15.5 The experience of the LLCA is of a remote part of the landscape, being experienced from public rights of way and road networks.

Other factors of Landscape Value

- 3.15.6 LLCA 16 is not covered by any statutory landscape designations but there are some areas of ecological value and nature conservation interest which add to the rarity, functionality and quality of the area.
- 3.15.7 The LLCA is in a good condition a strong sense of enclosure and some valued recreational access including the Ickneild Way, a long distance path, which follows an ancient trackway and provides some cultural association and perceptions of natural beauty.
- 3.15.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.15.9 The LLCA has a gently undulating topography, woodland cover and enclosure, ecological designations and recreational access, such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.15.10 The combination of the medium value and high susceptibility results in a medium sensitivity to the Scheme.

3.16 LLCA 17: Fordham Chalklands (LLCA 17)

- 3.16.1 With reference to Figure 10-10, the LLCA is located in the northern part of the LLCA. Part of Cable Route B crosses the southern tip of this LLCA.
- 3.16.2 The LLCA consists of open arable farmland to the west of Fordham and east of the A142, Fordham bypass.

Key Characteristics

- a. Open arable landscape;
- b. Flat, low-lying topography draining to ditches in boundaries;
- c. Limited recreational access; and
- d. Localised vegetation cover.

Aesthetic, Perceptual and Experiential Value

- 3.16.3 The woodland provides a form, texture and colour tone to the landscape.
- 3.16.4 The perceptions of tranquillity and wildness are limited due to the pattern of trunk roads and settlement which are perceived from the LLCA.
- 3.16.5 The experience of the landscape is of a settlement fringe landscape.

Other factors of Landscape Value

- 3.16.1 LLCA 17 is not covered by any statutory landscape designations nor cultural associations or aspects that contribute to perceptions of the natural beauty of the area. There is a small section with some nature conservation interest adjacent to Soham Lode in the north of the LLCA.
- 3.16.2 PRoW and recreational access is limited to the south but there are PRoW to the north which provide some recreational value to the north of Fordham.
- 3.16.3 The LLCA is in a fair condition with an open character. It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.16.4 The LLCA comprises a flat open landscape, with limited key features and with limited recreational access, such that it is of low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.16.5 The combination of the medium value and low susceptibility results in a medium sensitivity to the Scheme.

3.17 LLCA 18: Fordham (LLCA 18)

- 3.17.1 With reference to Figure 10-10, LLCA 18 is located in the northern part of the study area. The Scheme is not located in LLCA 18.
- 3.17.2 The LLCA consists of the linear village settlement of Fordham and the landscape associated with the River Snail to the east of the A142.

Key Characteristics

- a. Generally linear village settlement pattern;
- b. Located on the River Snail;
- c. Topography falls gently from east to west towards the fens;
- d. Good footpath lines and recreational opportunities;
- e. Fordham Conservation Area; and
- f. Large number of listed buildings.

Aesthetic, Perceptual and Experiential

- 3.17.3 There is consistent scale to the form of the buildings across the LLCA, with the textures increasing across the Conservation Area and listed buildings.
- 3.17.4 The perceptual aspects of tranquillity and openness are greater in proximity to the River Snail, but overall are limited due to the land use.
- 3.17.5 The experience of the LLCA is via public rights of way and road networks.

Other factors of Landscape Value

- 3.17.1 LLCA 18 is partially covered by a conservation area designation to the north and east, on account of the notable built heritage with various listed buildings of townscape importance.
- 3.17.2 LLCA 18 is in a fair condition with some rarity in terms of the pattern of buildings and spaces and the setting on the River Snail, which adds to the scenic quality of the LLCA.
- 3.17.3 The open spaces alongside the River Snail also add some conservation and recreational interest with increased access.
- 3.17.4 is the LLCA is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.17.5 The LLCA has is a developed area, balanced with the conservation area and linear settlement pattern, such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.17.6 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.18 LLCA 19: Fordham Abbey and Nursery (LLCA 19)

- 3.18.1 LLCA 19 is located in the northern part of the study area and covers Fordham House and its grounds. Part of Cable Route B is located across the LLCA.
- 3.18.2 Fordham Abbey provides some cultural heritage associations and the SSSI woodland at Fordham Wood adds some conservation interest and rarity in the area with wet woodland habitat.
- 3.18.3 Key Characteristics
 - a. Fordham Wood, Fordham Abbey, plant nurseries, road networks and agriculture;
 - b. Lower-lying gently undulating topography south and west of Fordham;
 - c. Tree and hedgerow cover provide some enclosure; and
 - d. Recreational opportunities limited to Fordham Woods

Aesthetic, Perceptual and Experiential Value

- 3.18.4 There are textural and colour tones via the vegetation patterns, with form of the woodland being a notable feature in relation to the surrounding rural and settlement patterns.
- 3.18.5 There is an increased sense of tranquillity and remoteness within the LLCA due to the small scale of the LLCA and the enclosure by woodland.
- 3.18.6 The experience of the LLCA is of a distinct land use which is well enclosed from the wider landscape, being experienced from recreational routes within the woodlands.

Other factors of Landscape Value

- 3.18.7 LLCA 19 is not covered by any landscape designations but Fordham Abbey provides cultural heritage associations and the SSSI woodland at Fordham Wood adds some conservation interest, functionality and rarity in the area with wet woodland habitat.
- 3.18.8 LLCA is in a fair condition but there are low levels of recreational access beyond Fordham Wood.
- 3.18.9 The LLCA is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.18.10 As the LLCA has woodland cover and heritage assets, it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.18.11 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.19 LLCA 19A: Fordham Estate Sandlands (LLCA19A)

- 3.19.1 With reference to Figure 10-10, LLCA 19A is located in the central part of the study area between Fordham and Chippenham Fen.
- 3.19.2 The LLCA consists of a mixed landscape of fields and woodlands to the south of the village of Fordham and to the north of Chippenham Fen.

Key Characteristics

- a. Mixed use landscape of , , road networks and agriculture;
- b. Lower-lying gently undulating topography south and west of Fordham;
- c. Tree and hedgerow cover provide some enclosure.

Aesthetic, Perceptual and Experiential Value

- 3.19.3 There is contrasting texture between the vegetation patterns and the arable land use, with associated colour tones across the seasons.

- 3.19.4 The sense of remoteness is limited by the perception of the road networks and surrounding land uses.
- 3.19.5 The experience of the LLCA is predominantly from road networks and therefore one which is transient.

Other factors of Landscape Value

- 3.19.6 LLCA 19A is not covered by any statutory landscape designations.
- 3.19.7 The LLCA is in a fair condition and association but low levels of recreational access beyond Fordham Wood and a PRow.
- 3.19.8 It is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.19.9 The LLCA has woodland cover, such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.19.10 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.20 LLCA 20: Snailwell Industrial Estate (LLCA 20)

- 3.20.1 With reference to Figure 10-10, LLCA 20 is located in the central part of the LLCA. Part of Cable Route B is located across the LLCA.
- 3.20.2 The LLCA comprises large-scale industrial and commercial land uses and some arable fields alongside the A142 and railway to the north of Snailwell.

Key Characteristics

- a. Large-scale employment and industrial buildings;
- b. Gently undulating topography;
- c. Vegetation cover provides some enclosure;
- d. Road and rail infrastructure; and
- e. No recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.20.3 There are large scale buildings of a utilitarian form and colour tone.
- 3.20.4 The perceptual aspects of tranquillity negated by the land use as an active industrial estate.
- 3.20.5 The experience of the LLCA is of a busy, working industrial estate, with movement and activity, perceived via the surrounding road networks.

Other factors of Landscape Value

- 3.20.6 The LLCA 20 is not covered by any statutory landscape designations and contains very few elements of landscape importance.
- 3.20.7 There are no conservation or recreational assets within LLCA 20, cultural associations or elements or characteristics that contribute to perceptions of the natural beauty of the area.
- 3.20.8 The LLCA is less representative of key particular characteristics within the published assessments for the area. It is considered to be of very low value.

Landscape Susceptibility

- 3.20.9 The LLCA is characterised by infrastructure and industrial land uses, such that it is of very low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.20.10 The combination of the very low value and very low susceptibility results in a very low sensitivity to the Scheme.

3.21 LLCA 21: Snailwell (LLCA 21)

- 3.21.1 With reference to Figure 10-10, LLCA 21 is located in the central part of the study area. The Scheme is not located in the LLCA.
- 3.21.2 The LLCA consists of a small nucleated village with some vegetated enclosures, set within undulating farmland to the north of the A14.

Key Characteristics

- a. Small village with nucleated settlement pattern;
- b. Undulating topography with settlement pattern in both low lying and more elevated position;
- c. Woodland and vegetation cover around part of the east side of village along with fields forming the immediate setting;
- d. Snailwell Conservation Area; and
- e. High number of listed buildings.

Aesthetic, Perceptual and Experiential Value

- 3.21.3 There is a consistent scale and form to the residential properties in the LLCA.
- 3.21.4 There is no sense of remoteness due to the land use and the visible and audible presence of vehicles through the village, which lowers the tranquillity.
- 3.21.5 The experience of the LLCA is of a small village set within a rural landscape, but where the dominance of vehicles is contrary to the small scale form and layout of the villages. The LLCA is experienced by both road networks and public rights of way.

Other factors of Landscape Value

- 3.21.6 The LLCA12 is partially covered by a conservation area designation relating to the built heritage, with various listed buildings of townscape importance within a small scale village. The LLCA is in a good condition with a mixed vegetation cover and varied topography around the village edge.
- 3.21.7 There are no landscape designations but there are some nature conservation interests alongside the River Snail to the north and some PRow, which provide some recreational interest.
- 3.21.8 It is representative of key characteristics within the published assessments for the area. Due to the conservation area, it is considered to be of medium value.

Landscape Susceptibility

- 3.21.9 The LLCA is developed with some sense of enclosure, but its settlement pattern and undulating landform results in a high susceptibility.

Landscape Sensitivity

- 3.21.10 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.22 LLCA 22: Chippenham Fen (LLCA 22)

- 3.22.1 With reference to Figure 10-10, the LLCA is located in the central part of the study area.
- 3.22.2 The LLCA consists of an area of wet woodland and pastures which form a National Nature Reserve (NNR) to the west of Chippenham.

Key Characteristics

- a. Mixed wet woodland and wetland pastures;
- b. Undulating topography;
- c. National Nature Reserve; and
- d. Limited recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.22.3 There is a high degree of texture and varying colour tone to the LLCA due to the variety of the vegetation cover.
- 3.22.4 The perceptual aspects of tranquillity openness and wildness are high.
- 3.22.5 The experience is from recreational routes, with importance for health and wellbeing, offering the experience of a connection to habitats and recreation.

Other factors of Landscape Value

- 3.22.6 The LLCA is not covered by any landscape designations but does in part comprise distinctive wetland and woodland habitats and is designated SSSI and NNR, which

provides some distinctive landcover, high degree of functionality and rarity in the local landscape.

3.22.7 The LLCA is in a good condition and has good recreational access.. Cultural heritage associations are from this area being one of the few areas of fenland.

3.22.8 The LLCA is representative of key characteristics within the published assessments for the area and is considered to be of high value.

Landscape Susceptibility

3.22.9 The LLCA is comprises a habitat mosaic and as such that is of high susceptibility to the type of development proposed.

Landscape Sensitivity

3.22.10 The combination of the high value and high susceptibility results in a high sensitivity to the Scheme.

3.23 LLCA 23A: Chippenham (LLCA 23A)

3.23.1 With reference to Figure 10-10, LLCA 23A is located centrally within the study area. The Scheme is not located in LLCA 23A.

3.23.2 The LLCA consists of a small scale, linear village which lies adjacent and to the north of the designed and designated Registered Park and Garden of Chippenham Park.

Key Characteristics

- a. Small scale village with linear settlement pattern;
- b. Gently undulating topography;
- c. Tree and woodland cover around village and parkland provides enclosure;
- d. Chippenham Conservation Area;
- e. Large number of listed buildings; and
- f. Green space recreational opportunities.

Aesthetic, Perceptual and Experiential Value

3.23.3 There is consistent form and scale to the buildings within the LLCA and a range of colour tones which provide a high aesthetic.

3.23.4 The perceptual aspects of remoteness and tranquillity are limited by the land use.

3.23.5 The experience is predominantly from the road networks but is of a small, picturesque settlement pattern.

Other factors of Landscape Value

3.23.6 LLCA23A comprises a distinct architectural style to the buildings, in combination with a small scale linear settlement pattern. It is partially covered by a conservation

area designation to the north and west, relating to the notable built heritage with various listed buildings of townscape importance.

- 3.23.1 LLCA 23A is in good condition with some rarity in townscape and landscape terms in terms of its range of building styles and relationship with Chippenham Park to the south, which adds to the scenic quality of the LLCA.
- 3.23.2 The adjoining Chippenham Park to the south provides some nature conservation interest and further cultural heritage associations although recreational interest is limited.
- 3.23.3 The LLCA is somewhat representative of key characteristics the published assessments for the area and is considered to be of medium value.

Landscape Susceptibility

- 3.23.4 The LLCA is characterised by heritage assets, such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.23.5 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.24 LLCA 23B: Chippenham Park (LLCA 23B)

- 3.24.1 With reference to Figure 10-10, LLCA 23B is located centrally within the study area. The Scheme is not located in LLCA 23B.
- 3.24.2 The LLCA consists of a designed and Grade II Registered Park and Garden at Chippenham Park, which lies to the south of Chippenham (LLCA 23A).

Key Characteristics

- a. Designed and designated garden;
- b. Gently undulating topography;
- c. Mature tree and woodland cover; and
- d. Public access

Aesthetic, Perceptual and Experiential Value

- 3.24.3 There is a high degree of texture and colour due to the vegetation patterns across the LLCA.
- 3.24.4 There is a sense of tranquillity due to the enclosure from the density of vegetation, although the number of visitors in turn reduces any sense of remoteness.
- 3.24.5 The experience of the LLCA is from across the LLCA and with an experience of a connection to habitats and designed landscape.

Landscape Value

- 3.24.6 The LLCA comprises a designated parkland with rarity in the landscape and of nature conservation and cultural heritage value, relating to the landcover elements.
- 3.24.7 LLCA 23B is in a good condition with elements of local and neighbourhood designation or importance and a landscape which exhibits some of the key characteristics or distinctive features, including cultural aspects.
- 3.24.8 The adjoining settlement of Chippenham to the north provides further cultural heritage associations although recreational interest is limited to the southern tip of the LLCA.
- 3.24.9 The LLCA has a number of distinctive features and is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of high value.

Landscape Susceptibility

- 3.24.10 The LLCA is characterised by historic parkland, such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.24.11 The combination of the high value and high susceptibility results in a high sensitivity to the Scheme.

3.25 LLCA 24: Lowland Estate Chalkland (LLCA 24)

- 3.25.1 With reference to Figure 10-10, LLCA 24 is located centrally within the study area. Sunnica West Site A, Sunnica West Site B and part of Cable Route B is located across the LLCA.
- 3.25.2 The LLCA consists of arable farmland with woodland and plantations stretching to the north of the A14 and south of Chippenham Park.

Key Characteristics

- a. Arable landscape interspersed with broadleaf and conifer woodland plantations;
- b. Medium-scale regular geometric field pattern;
- c. Gently undulating landform;
- d. Hedgerows and tree belts provide some enclosure, but a generally open landscape with inter-visibility in part from the opposite side of the A14;
- e. Historical association;
- f. Tranquillity somewhat disrupted by A14 and A11 and Chippenham Road; and
- g. Very limited recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.25.3 There is consistent form to the field pattern, with a variety of field scales. The vegetation patterns provide and texture and colour tone in combination with the fields.
- 3.25.4 The perceptual aspects of tranquillity are reduced across the south and east of the LLCA, towards the A14 and A11 trunk road corridors, which cross the LLCA.
- 3.25.5 The experience is of a rural landscape forming the setting to Chippenham. The LLCA is experienced via the road network and the experience is transient.

Other features of Landscape Value

- 3.25.6 LLCA 24 is not covered by any statutory landscape designations but there are some elements of nature conservation interest. The area also wraps around the southern side of Chippenham Park, a designed and registered park and garden, which provides some cultural heritage associations to the northern sections of the LLCA.
- 3.25.7 The LLCA is in a fair condition and comprises mixed agricultural and wooded land use, with very limited recreational access.
- 3.25.8 . It is representative of key characteristics within the published assessments for the area. It is considered to be of low value.

Landscape Susceptibility

- 3.25.9 The LLCA has a gently undulating landform, some enclosure, and limited recreational access, balanced with areas of vegetation cover and inter-visibility, such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.25.10 The combination of the low value and medium susceptibility results in a medium sensitivity to the Scheme.

3.26 LLCA 25: Kennett (LLCA 25)

- 3.26.1 With reference to Figure 10-10, LLCA 25 is located centrally within the study area. The Scheme is not located across LLCA 25.
- 3.26.2 The LLCA consists of the dispersed settlement of Kennet and mixed farmland to the north of the A14 at Kentford.

Key Characteristics

- a. Gently valley of the River Kennett;
- b. Dispersed settlement of Kennett and railway station;
- c. Areas of broadleaf and coniferous woodland;
- d. Minerals workings site;
- e. Riparian vegetation along river;
- f. Inter-visibility with the A11; and

- g. Some recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.26.3 There is consistent scale of the residential building form at two storeys in height. The scale of form of buildings in the around the station is larger, are more utilitarian in form.
- 3.26.4 The perceptual aspects of tranquillity are higher to the north, away from the A14.
- 3.26.5 The experience is of a dispersed settlement pattern and mainly from the road entworks.

Other features of Landscape Value

- 3.26.6 LLCA 24 is not covered by any statutory landscape designations but contains some listed buildings which contribute some historical and cultural interest.
- 3.26.7 The LLCA is in a fair to poor condition with several current and former mineral working sites, and equestrian uses present.
- 3.26.8 There are no conservation or recreational assets within LLCA 24 that contribute to perceptions of the natural beauty of the area.
- 3.26.9 It is less representative of key characteristics within the published assessments for the area. It is considered to be of very low value.

Landscape Susceptibility

- 3.26.10 The LLCA has a gentle valley landform and comprises a somewhat engineered landscape of former minerals sites with enclosure from woodland and tree belts, such that it is of low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.26.11 The combination of the very low value and low susceptibility results in a low sensitivity to the Scheme.

3.27 LLCA 26: The Limekilns and Gallops (LLCA 26)

- 3.27.1 With reference to Figure 10-10, the LLCA is located centrally in the study area. The Scheme is not located in the LLCA.
- 3.27.2 The LLCA consists of the open, undulating gallops and large scale equestrian land uses to the east of Newmarket, which lie to the south of the A14 and include a section of the A14 to the north of Newmarket.

Key Characteristics

- a. Large-scale equestrian land uses;
- b. Land gently falls form south to north, within inter-visibility with the land to the north of the A14;

- c. Manicured landscape of neatly trimmed hedges and well-maintained grassland associated with horsiculture;
- d. Linear tree belts;
- e. Strong cultural association with Newmarket and the Newmarket races;
- f. Permissive public access;
- g. Road and rail infrastructure;
- h. Tranquillity disrupted by A11, A14 and Waterhall Interchange; and
- i. Limited recreational access; and
- j. County Wildlife Site.

Aesthetic, Perceptual and Experiential Value

- 3.27.3 There is a constant scale to the land use, with colour tones from the hedgerows and woodlands.
- 3.27.4 There is inter-visibility with transport routes with reduces any sense of remoteness with the land use also reducing tranquillity.
- 3.27.5 The experience is of a well maintained and managed landscape which is dominated by its relationship to Newmarket and horse racing. The LLCA is experienced from both recreational routes and road networks.

Other factors of Landscape Value

- 3.27.6 LLCA 26 is not covered by any statutory landscape designations but is a well-maintained landscape of grassland and trimmed hedgerows providing recreational and cultural associations and distinction in the landscape.
- 3.27.7 The LLCA is in a good condition and comprises large-scale grassland and heathland and equestrian land uses with the grassland to the south of the A14 having some nature conservation interest and openness in the landscape.
- 3.27.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.27.9 The LLCA is dominated by the equestrian land uses and has large-scale open grassland bordered by mature vegetation structures, the susceptibility is assessed as medium.

Landscape Sensitivity

- 3.27.10 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.28 LLCA 27: Newmarket Studs (LLCA 27)

- 3.28.1 With reference to Figure 10-10, the LLCA is located in the southern part of the study area. The Scheme is not located in the LLCA.

3.28.2 The LLCA consists of enclosed paddocks, studs and farmland to the south of the Limekilns gallops at LLCA26.

Key Characteristics

- a. Equestrian landscape of paddocks and studs interspersed with gallops and areas of broadleaf woodland;
- b. Undulating and elevated topography;
- c. Strong cultural association with Newmarket and the Newmarket races;
- d. Large areas of downland grassland; and
- e. Very limited recreational access.

Aesthetic, Perceptual and Experiential Value

3.28.3 There is notable texture and colour tone to the landscape due to the extent of woodland which due to its elevated position extends above the skyline from the surrounding LLCAs.

3.28.4 There is an increased tranquillity away from Newmarket, but the land use reduces the sense of remoteness.

3.28.5 The experience is of a well-managed landscape specific to horse racing and its association with Newmarket.

Other factors of Landscape Value

3.28.6 The LLCA is in a good and manicured condition. The LLCA is not covered by any landscape designations but has a strong cultural association with Newmarket.

3.28.7 There are limited nature conservation or recreational assets within LLCA.

3.28.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

3.28.9 The LLCA comprises undulating topography, chalk downland, woodland and limited recreational access. It is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

3.28.10 The combination of the low value and medium susceptibility results in a medium sensitivity to the Scheme.

3.29 LLCA 28: Kentford (LLCA 28)

3.29.1 With reference to Figure 10-10, the LLCA is located in the south-east part of study area. The Scheme is not located in the LLCA.

3.29.2 The LLCA consists of the linear village of Kentford which sits to the south of the A14 east of Newmarket

Key Characteristics

- a. Linear village settlement pattern;
- b. Undulating valley either side of the River Kennet;
- c. Several listed buildings;
- d. Tranquillity reduced by the A14; and
- e. Limited recreational opportunities.

Aesthetic, Perceptual and Experiential Value

- 3.29.3 There is consistent scale to buildings across the LLCA, with the texture and form being greater with the listed buildings.
- 3.29.4 Tranquillity is reduced by the A14 and similarly the sense of remoteness is limited by the land use.
- 3.29.5 The experience of the LLCA is of a small village related to the River Kennett. The LLCA is experienced mainly via road networks.

Other factors of Landscape Value

- 3.29.6 The LLCA 28 is not covered by any statutory landscape designations but contains some listed buildings which contribute to the historical and cultural interest of the area.
- 3.29.7 The LLCA is in a fair condition and comprises a built-up rural village with well wooded farmland and paddocks. Recreational and nature conservation interests are limited.
- 3.29.8 It is somewhat representative of key characteristics within the published assessments for the area. It is considered to be of low value.

Landscape Susceptibility

- 3.29.9 The LLCA is a built-up rural settlement such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.29.10 The combination of the low value and medium susceptibility results in a medium sensitivity to the Scheme.

3.30 LLCA 29: Moulton (LLCA 29)

- 3.30.1 With reference to Figure 10-10, the LLCA is located in the south-east part of study area. The Scheme is not located in the LLCA.
- 3.30.1 The LLCA consists of the nucleated village of Moulton which lies to the south of the Newmarket Studs (LLCA 27).

Key Characteristics

- a. Nucleated village settlement pattern;
- b. Valley setting alongside River Kennett;
- c. Steep valley sides;
- d. Moulton Conservation Area;
- e. Large number of listed buildings; and
- f. Good recreational links.

Aesthetic, Perceptual and Experiential Value

- 3.30.2 There is consistent scale to buildings across the LLCA, with the texture and form being greater within the conservation area.
- 3.30.3 Tranquillity increases away from the village, but the sense of remoteness is limited due to the land use.
- 3.30.4 The experience of the LLCA is of a small village related to the River Kennett. The LLCA is experienced mainly via road networks and public rights of way.

Other factors of Landscape Value

- 3.30.1 LLCA29 is partially covered by a conservation area designation relating to the notable built heritage with various listed buildings of townscape importance.
- 3.30.2 The LLCA is in a good condition and comprises a built-up rural village with some rarity in terms of its landscape setting on the river and good recreational links.
- 3.30.3 The LLCA is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.30.4 The LLCA is a built-up rural settlement in a steep-sided valley context such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.30.5 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

3.31 LLCA 30: Gazeley (LLCA 30)

- 3.31.1 With reference to Figure 10-10, the LLCA is located in the south-east part of study area. The Scheme is not located in the LLCA.
- 3.31.2 The LLCA consists of the nucleated village of Gazeley which lies to the south of the A14 and east of Moulton.

Key Characteristics

- a. Small nucleated village settlement pattern;

- b. Gently rolling, elevated topography;
- c. Tree belts around edge;
- d. Small-scale pattern to edge of village; and
- e. Several listed buildings.

Aesthetic, Perceptual and Experiential Value

- 3.31.3 There is a consistent scale to buildings across the LLCA, with the texture and form being greater across the listed buildings.
- 3.31.4 Tranquillity increases away from the village, but the sense of remoteness is limited due to the land use.
- 3.31.5 The experience of the LLCA is of a small village, experienced mainly via road networks and public rights of way.

Other factors of Landscape Value

- 3.31.1 The LLCA 30 is not covered by any statutory landscape designations but contains some listed buildings which contribute to the historical and cultural interest of the area.
- 3.31.2 The LLCA is in a good condition and comprises a built-up rural village with small-scale fields to the village edge. PRoW provide some recreational access and it has a rural character. Nature conservation interests are limited.
- 3.31.3 It is representative of key characteristics within the published assessments for the area. It is considered to be of low value.

Landscape Susceptibility

- 3.31.4 The LLCA is a built-up rural settlement such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.31.5 The combination of the low value and medium susceptibility; it results in a medium sensitivity to the Scheme.

3.32 LLCA 31: Gazeley Chalkland (LLCA 31)

- 3.32.1 With reference to Figure 10-10, the LLCA is located in the south-east part of study area. The Scheme is not located in the LLCA.
- 3.32.2 The LLCA consists of rolling chalk downland and arable farmland which lies to the south of the Newmarket Studs (LLCA 27).

Key Characteristics

- a. Gently rolling chalk downland around River Kennet valley;
- b. Arable agricultural landscape interspersed with geometric woodland plantations and tree belts;

- c. Crossed by the Icknield Way long distance recreational trail;
- d. Tranquillity somewhat reduced by A14; and
- e. Good recreational access and public rights of way.

Aesthetic, Perceptual and Experiential Value

- 3.32.3 There is a textural value to the cultural features, which scale and form of scenic quality. There is also a consistent form to the vegetation patterns.
- 3.32.4 There is a sense of remoteness and tranquillity across the LLCA, as experienced on the rights of way.
- 3.32.5 The experience of the landscape is one of former parkland, with the experience being by both road networks and public rights of way.

Other factors of Landscape Value

- 3.32.6 The LLCA 31 is not covered by any statutory landscape designations. The LLCA contains some recreational and cultural heritage features including Dalham Hall and the Icknield Way, which runs along an ancient trackway. These features provide some cultural associations with elements of community importance.
- 3.32.7 The LLCA is in a fair condition and comprises elevated, gently rolling chalk topography with some long distance scenic views. It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.32.8 The LLCA comprises open arable fields across elevated and rolling landform, such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.32.9 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.33 LLCA 32: Planned East Fens (LLCA 32)

- 3.33.1 With reference to Figure 10-10, the LLCA is located in the north-west part of the study area. The Scheme is no located in the LLCA.
- 3.33.2 The LLCA consists of a large area of low lying, open fenland farmland which stretches to the north of Soham, Isleham and West Row.

Key Characteristics

- a. Low-lying open fenland landscape;
- b. Flat topography drained by a network of ditches;
- c. Dispersed settlement pattern;
- d. Limited vegetation cover; and

- e. Good network of public rights of way.

Aesthetic, Perceptual and Experiential Value

- 3.33.3 There is notable form to the landscape due to its landform and ditches. The colour tones are simple but change with the seasons.
- 3.33.4 Roads and settlements are limited which increase the sense of remoteness and tranquillity.
- 3.33.5 The LLCA is experienced from a number of public rights of way and lanes and is experienced as a rural landscape.

Other factors of Landscape Value

- 3.33.6 The LLCA is an open arable and low-lying floodplain landscape but is not covered by any landscape designations.
- 3.33.7 The LLCA comprises large open arable farmland in a fair condition. There are no designated nature conservation interests, notable cultural associations or elements that contribute to the natural beauty of the area.
- 3.33.8 PRow providing recreational access are limited across much of the area, except for PRow along the River Lark and a small area to the north of Soham.
- 3.33.9 It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.33.10 The LLCA is a flat and open agricultural landscape such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.33.11 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.34 LLCA 33: Soham Mere (LLCA 33)

- 3.34.1 With reference to Figure 10-10, the LLCA is located in the north-western part of the study area. The Scheme is not located in the LLCA.
- 3.34.2 The LLCA consists of low lying, flat farmland, which lies between the settlements of Soham and Wicken.

Key Characteristics

- a. Flat, low-lying landscape drained by a network of ditches;
- b. Open, arable fields;
- c. Limited vegetation cover;
- d. Solar farms;

- e. Very limited settlement; and
- f. Good recreational access across the south of the area.

Aesthetic, Perceptual and Experiential Value

- 3.34.3 There is notable form to the landscape due to its landform and ditches. The colour tones are simple but change with the seasons.
- 3.34.4 Roads and large settlement are limited, which increases the sense of remoteness and tranquillity.
- 3.34.5 THE LLCA is experienced from a number of public rights of way and lanes and is experienced as a rural landscape.

Other factors of Landscape Value

- 3.34.6 The LLCA is an open arable and low-lying floodplain landscape but is not covered by any landscape designations.
- 3.34.7 The LLCA is in a fair condition, comprising a large flat and open farmland landscape. There are no designated nature conservation interests within LLCA 33, notable cultural associations or elements that contribute to perceptions of the natural beauty of the area. PRow providing recreational access are limited to the north to fringe sections of the LLCA close to settlements and Soham Lode but increasing to the south with connections between settlements.
- 3.34.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of low value.

Landscape Susceptibility

- 3.34.9 The LLCA is a flat and open agricultural landscape such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.34.10 The combination of the low value and medium susceptibility results in a medium sensitivity to the Scheme.

3.35 LLCA 34: Soham (LLCA 34)

- 3.35.1 With reference to Figure 10-10, the LLCA is located in the north-west part of the study area. The Scheme is not located across the LLCA.
- 3.35.2 The LLCA comprises the built-up area of the town of Soham, to the north of Fordham and Wicken.

Key Characteristics

- a. Medium-sized town;
- b. Slightly elevated position in relation to surrounding lower-lying fens;
- c. Small-scale field pattern to town edge;

- d. Soham Conservation Area to town centre;
- e. Large number of listed buildings in conservation area; and
- f. Recreational common lands.

Aesthetic, Perceptual and Experiential Value

- 3.35.3 There is constant scale and form to the buildings across the LLCA, with the texture increasing in relation to the conservation area.
- 3.35.4 There is an increased sense of tranquillity across the common lands.
- 3.35.5 The experience is of a large settlement set within the fens and bordered by a flat and low lying landscape.

Other factors of Landscape Value

- 3.35.6 The LLCA comprises a built up area which is partially covered by a conservation area designation relating to the built heritage with various listed buildings of townscape importance.
- 3.35.7 The LLCA is in fair condition with some sense of place associated with the historic town centre. Nature conservation interests are limited but there is a good network of PRoW to the east and west connecting Wicken and Wicken Fen, which provide recreational interest and a sense and openness.
- 3.35.8 The LLCA is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

- 3.35.9 The LLCA comprises a built up area such that it has a low susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.35.10 The combination of the medium value and low susceptibility results in a medium sensitivity to the Scheme.

3.36 LLCA 35: Wicken (LLCA 35)

- 3.36.1 With reference to Figure 10-10, the LLCA is located in the north-west part of the study area.
- 3.36.2 The LLCA consists of a small nucleated village with some vegetated enclosures and the Wicken Fen NNR.

Key Characteristics

- a. Small nucleated village settlement pattern;
- b. Slightly elevated position in relation to surrounding lower-lying fens;
- c. Distinctive wetland and woodland habitats designated Wicken Fen NNR;
- d. Wicken Conservation Area;

- e. Large number of listed buildings;
- f. Rothschild Way long distance recreational trail;
- g. Good recreational links and areas of open access land.

Aesthetic, Perceptual and Experiential Value

- 3.36.3 There is a simple form to the landscape, but a range of colour tones.
- 3.36.4 There is an increased sense of remoteness, wildness and tranquillity due to the land uses.
- 3.36.5 The experience is of a fen landscape, experienced by both lanes and public access routes.

Other factors of Landscape Value

- 3.36.6 The LLCA is not covered by a landscape designation but is in a good condition and includes a conservation area and nationally important nature conservation designation, as well as good recreational access which add to the rarity in the landscape as one of the few extant areas of fen landscape.. The landscape is owned and managed by the National Trust.
- 3.36.7 . It is representative of key characteristics within the published assessments for the area. It is considered to be of high value.

Landscape Susceptibility

- 3.36.8 The LLCA comprises distinctive habitats and nature conservation and heritage designations, such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.36.9 The high value in combination with the high susceptibility results in a high sensitivity to the Scheme.

3.37 LLCA 36: Burwell Fen (LLCA 36)

- 3.37.1 With reference to Figure 10-10, LLCA 36 is located in the south-west part of the study area. Part of Cable Route B and the substation are located in LLCA 36.
- 3.37.2 The LLCA consists of low lying, open fen farmland which lies between Burwell and Wicken.

Key Characteristics

- a. Low-lying open fenland landscape;
- b. Flat topography drained by a network of ditches and Lodes;
- c. Very limited vegetation cover;
- d. National Trust managed Adventurer's Fen;
- e. Large electrical substation and electrical infrastructure;

- f. High voltage electrical pylons a prominent feature; and
- g. Recreational public rights of way.

Aesthetic, Perceptual and Experiential Value

- 3.37.3 There is a varied scale to the landscape, contrasting between the flat and low lying fields, in contrast to the large scale and verticality of the sub-stations. This also results in a contrast in texture to the LLCA.
- 3.37.4 The perception of infrastructure reduces any sense of tranquillity or remoteness.
- 3.37.5 The perception is of a fen landscape, but one with a settlement fringe character due to the dominance of infrastructure.

Other factors of Landscape Value

- 3.37.6 The LLCA is an open arable and low-lying floodplain landscape but is not covered by any landscape designations. It is in fair condition but has been substantially altered by linear drainage ditches, substations and overhead powerlines.
- 3.37.7 There are some nature conservation interests within LLCA 36 and good PRoW recreational access between Burwell and Adventurers Fen and Wicken Fen. These contribute to the of the natural beauty of the area. There are no notable cultural associations.
- 3.37.8 It is representative of key characteristics within the published assessments for the area and contains Lodes and recreational routes, balanced with extensive infrastructure. The LLCA is assessed as medium value.

Landscape Susceptibility

- 3.37.9 The LLCA is a flat and open agricultural landscape, with existing infrastructure, such that it is assessed as being of a medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.37.10 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.38 LLCA 37: Reach (LLCA 37)

- 3.38.1 With reference to Figure 10-10, LLCA 37 is located in the south-west part of the study area. The Scheme is not located in LLCA 37.
- 3.38.2 The LLCA consists of the small nucleated village of Reach, which lies to the west of Burwell.

Key Characteristics

- a. Small nucleated village settlement pattern;
- b. Slightly elevated position in relation to surrounding lower-lying fens;
- c. Land drained towards Reach Lode;

- d. Tree cover around settlement;
- e. Small-scale fields around settlement edge;
- f. Reach Conservation Area;
- g. Large number of listed buildings within village; and
- h. Excellent public right of way links to surrounding areas.

Aesthetic, Perceptual and Experiential Value

- 3.38.3 There is consistent scale to the building form through the LLCA, with texture to the buildings via the conservation area.
- 3.38.4 The sense of remoteness is limited by the land use, but the small scale of the village and fen setting has an isolated character.
- 3.38.5 The experience is of a very small scale village set within the fens, experienced by road networks and public rights of way.

Other factors of Landscape Value

- 3.38.1 LLCA37 is partially covered by a conservation area designation relating to the built heritage with various listed buildings of townscape importance.
- 3.38.2 The LLCA is in a good condition and comprises a coherent scale and pattern of buildings with small-scale fields to the village edge adds to the scenic quality of the LLCA.
- 3.38.3 There is a good network of PRow surrounding the village and the adjoining Wicken Fen NNR to the north..
- 3.38.4 The value is assessed as medium.

Landscape Susceptibility

- 3.38.5 The LLCA is a developed area, but with a defined settlement pattern, such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.38.6 The combination of the medium value and high susceptibility results in a medium sensitivity to the Scheme.

3.39 LLCA 38: Burwell (LLCA 38)

- 3.39.1 With reference to Figure 10-10, LLCA 38 is located in the south-west part of the study area. The Scheme is not within LLCA 38.
- 3.39.2 The LLCA comprises the large village of Burwell, which lies to the north of the A14, west of Fordham and on the southern edge of the fens.

Key Characteristics

- a. Large village on the edge of the fens;

- b. Slightly elevated position in relation to lower-lying fens;
- c. Small-scale fields to western village edge, larger-scale to eastern edge;
- d. Several conservation areas;
- e. Large number of listed buildings;
- f. Remains of Burwell Castle to south; and
- g. Recreational access to fens.

Aesthetic, Perceptual and Experiential Value

- 3.39.3 There is a consistent scale to the building across the LLCA, with the texture increasing across the conservation area.
- 3.39.4 The sense of tranquillity and remoteness is limited by the land use and the perception of large scale infrastructure adjacent to the LLCA. However, the tranquillity increases to the south of the LLCA.
- 3.39.5 The experience of the LLCA is of a large village at the edge of the fens, but with a varied character, ranging between an association with the sub-station in the northern part of the LLCA to a more historic and tranquil association in the southern part of the village.

Other factors of Landscape Value

- 3.39.1 LLCA38 is partially covered by several conservation area designations, which relate to the notable built heritage with various listed buildings of townscape importance.
- 3.39.2 The LLCA is in a fair condition and comprises a built-up village with some rarity in landscape terms in terms of the range of buildings and spaces and cultural interest related to the remains of Burwell Castle providing some open space and scenic quality.
- 3.39.3 There is a good network of PRoW surrounding the village and connecting the Wicken Fen NNR to the west.
- 3.39.4 It is partly representative of key characteristics within the published assessments for the area. It is considered to be of medium value due to the range of Conservation Areas.

Landscape Susceptibility

- 3.39.5 The LLCA is a large settlement such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.39.6 The combination of the medium value and low susceptibility results in a medium sensitivity to the Scheme.

3.40 LLCA 39: Burwell Wooded Chalklands (LLCA 39)

- 3.40.1 With reference to Figure 10-10, LLCA 39 is located in the south-west of the study area. Part of Cable Route B crosses the LLCA.
- 3.40.2 The LLCA consists of enclosed farmland to the north of Exning and the A14 and south of the Snailwell Industrial Estate.

Key Characteristics

- a. Arable landscape interspersed with mature hedgerows and tree belts;
- b. Undulating topography;
- c. Sense of enclosure created by vegetation cover;
- d. Horse studs;
- e. Several large solar farms;
- f. Cluster of listed buildings at Landwade; and
- g. Limited recreational access.

Aesthetic, Perceptual and Experiential Value

- 3.40.3 There is a texture to the LLCA by the extent of woodland. The scale of the buildings is constituent and small scale.
- 3.40.4 There is an increased sense of tranquillity in the north of the LLCA.
- 3.40.5 The experience is of a rural land use with an association with Newmarket, experienced by road networks and public rights of way.

Other factors of Landscape Value

- 3.40.6 LLCA 39 is not covered by any statutory landscape designations but is in a good condition and comprises well-managed horse studs and some features of value.
- 3.40.7 Nature conservation interests are limited to the west and central sections but include some areas of habitat to the east close to Snailwell. Cultural associations are limited with the exceptions of isolated listed buildings and earthworks at St Nicholas Church and Landwade Hall. There is limited PRoW recreational access with one byway running from the A142. The LLCA also includes infrastructure including a solar farm and sewage works alongside the A142.
- 3.40.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of low value.

Landscape Susceptibility

- 3.40.9 The LLCA is an undulating landscape in paddock or arable use and has enclosure from tree belts, such that it is of low susceptibility to the type of development proposed.

Landscape Sensitivity

3.40.10 The combination of the low value and low susceptibility results in a low sensitivity to the Scheme.

3.41 LLCA 40: Exning (LLCA 40)

3.41.1 With reference to Figure 10-10, LLCA 40 is located in the south-west part of the study area. The Scheme is not located in the LLCA.

3.41.2 The LLCA consists of the small nucleated village of Exning, which lies to the west of Burwell.

Key Characteristics

- a. Village with nucleated settlement pattern;
- b. Gently undulating topography;
- c. Sense of enclosure from extent of tree and woodland cover around village edge;
- d. Separated from Newmarket by the A14;
- e. Exning Conservation Area; and
- f. Limited recreational links to surrounding areas.

Aesthetic, Perceptual and Experiential Value

3.41.3 There is a texture to the buildings across the LLCA.

3.41.4 The perceptual aspects of tranquillity are higher to the north of the LLCA, away from the busy A14.

3.41.5 The experience is of a small village.

Other factors of Landscape Value

3.41.6 LLCA 40 is not covered by any statutory landscape designations. It is in a fair condition and comprises the built-up area of the village, which is partially covered by a conservation area designation relating to the built heritage with various listed buildings of townscape importance.

3.41.7 There are no designated nature conservation assets within LLCA 40 and recreational value is limited.

3.41.8 Overall, the LLCA is considered to be of medium value.

Landscape Susceptibility

3.41.9 Whilst the LLCA is a built-up rural settlement, its nucleated settlement pattern results in a medium susceptibility to the type of development proposed.

Landscape Sensitivity

3.41.10 The combination of the medium value and the medium susceptibility results in a medium sensitivity to the Scheme.

3.42 LLCA 41: Newmarket (LLCA 41)

- 3.42.1 With reference to Figure 10-10, LLCA 41 is located across the southern part of the study area. The Scheme is not located in LLCA 41.
- 3.42.2 The LLCA comprises the built-up area of the historic market town of Newmarket, located to the south of the A14.

Key Characteristics

- a. Large historic market town;
- b. Strong historic and cultural links to horse racing;
- c. Low-lying position relevant to elevated chalk downland to south-east;
- d. Sparse vegetation around settlement edge;
- e. Extensive number of listed buildings across the town centre;
- f. Newmarket Conservation Area; and
- g. Stour Valley Path long distance recreational trail.

Aesthetic, Perceptual and Experiential Value

- 3.42.3 There is a contrasting form between buildings and open spaces.
- 3.42.4 As a large town, there is no sense of remoteness, but tranquillity is increased in the open spaces and recreational areas.
- 3.42.5 The experience is of a settlement with dominant association to the horse industry. This is experienced by both road networks and public access land.

Other factors of Landscape Value

- 3.42.6 A section of the LLCA to the south is covered by a conservation area designation relating to the notable built heritage with various listed buildings and sites of townscape importance.
- 3.42.7 The LLCA is in a good condition and comprises the built-up area of the town and has strong, nationally important cultural associations. The adjoining areas of the Limekiln Gallops, 'stud' areas and racecourse also provide a number of nature conservation and recreational interests.
- 3.42.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of high value.

Landscape Susceptibility

- 3.42.9 The LLCA is a built-up settlement, with a defined settlement pattern, it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.42.10 The combination of the high value and high susceptibility results in a high sensitivity to the Scheme.

3.43 LLCA 42: Newmarket Racecourse (LLCA 42)

- 3.43.1 With reference to Figure 10-10, LLCA 42 is located at the southern part of the study area. The Scheme is not within the LLCA.
- 3.43.2 The LLCA consists of the extensive Newmarket racecourse, which lies to the west of the town of Newmarket and south of the A14.

Key Characteristics

- a. Open chalk grassland of Newmarket racecourses;
- b. Flat topography rising to the south;
- c. Iconic and historic racecourse of cultural importance;
- d. Defined by Devil's Dyke to the west; and
- e. Limited recreational links.

Aesthetic, Perceptual and Experiential Value

- 3.43.3 The form and scale of the racecourse are notable, with the texture contrasting between the grass racecourse and the buildings.
- 3.43.4 The land use when racing negates any sense of remoteness or tranquillity, but these features improve when the land is accessible outside of race events.
- 3.43.5 The experience is of movement, activity, excitement and events. This is experienced by access to the racecourse.

Other factors of Landscape Value

- 3.43.6 LLCA 42 is not covered by any statutory landscape designations but is a distinctive, and well-maintained landscape of grassland and trimmed hedgerows and large scale grandstands and stables. It has strong cultural associations relating to horseracing.
- 3.43.7 The LLCA is in a good condition and is covered by a SSSI designation and is of significant cultural importance as a racecourse with a high degree of openness.
- 3.43.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of high value.

Landscape Susceptibility

- 3.43.9 The LLCA is open grassland such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

- 3.43.10 The combination of the high value and the medium susceptibility results in a high sensitivity to the Scheme.

3.44 LLCA 43: Burwell Chalklands (LLCA 43)

3.44.1 With reference to Figure 10-10, the LLCA is located in the south-west part of the study area. Part of Cable Route B crosses the LLCA.

3.44.2 The LLCA consists of open arable farmland between Burwell, Reach, Exning and lies to the north of the A14.

Key Characteristics

- a. Open arable landscape;
- b. Very gently undulating topography;
- c. Limited tree or vegetation cover; and
- d. Crossed by the Devils Dyke.

Aesthetic, Perceptual and Experiential Value

3.44.3 There is a constant scale to the field pattern with colour tones which change with the season and a simple texture.

3.44.4 Remoteness and tranquillity increase away from settlements.

3.44.5 The experience is of a fen landscape.

Other factors of Landscape Value

3.44.6 The LLCA is an open arable and low-lying landscape but is not covered by any landscape designations.

3.44.7 Nature conservation interests are limited within this LLCA. Cultural associations and recreational value is also limited with the exceptions of the earthworks and PRow associated with the Devils Dyke, a linear earthwork bund thought to be of Anglo-Saxon origin which runs in an almost straight line from Woodditton, south of Newmarket to Reach north-west of Newmarket. The LLCA also includes a solar farm in the south of the LLCA.

3.44.8 It is representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

3.44.9 The LLCA is a flat and open agricultural landscape such that it is of medium susceptibility to the type of development proposed.

Landscape Sensitivity

3.44.10 The combination of the medium value and medium susceptibility results in a medium sensitivity to the Scheme.

3.45 LLCA 44: Swaffham Prior (LLCA 44)

3.45.1 With reference to Figure 10-10, the LLCA is located at the western edge of the study area. The Scheme is not located in LLCA 44.

3.45.2 The LLCA comprises the nucleated village of Swaffham Prior, which lies to the north of the A14, southwest of Reach on the southern edge of the fens.

Key Characteristics

- a. Nucleated village settlement pattern;
- b. Slightly elevated in relation to the fens to the north;
- c. Vegetation cover around village includes trees, tree belts and woodland;
- d. Swaffham Prior Conservation Area;
- e. Extensive number of listed buildings;
- f. Swaffham Prior House parkland (Registered Park and Garden); and
- g. Good recreational links to surrounding areas.

Aesthetic, Perceptual and Experiential Value

3.45.3 There is a constant scale and form to the buildings, with the texture of buildings increasing across the conservation area.

3.45.4 The remoteness and tranquillity area increased in areas of parkland.

3.45.5 The experience is a small village set within parkland.

Other factors of Landscape Value

3.45.6 LLCA 44 is partially covered by a conservation area designation, relating to the notable built heritage with various listed buildings of townscape importance.

3.45.7 The LLCA is in a good condition and comprises the built-up area of a rural village with a heritage parkland designation. These features are rare in terms of the range of buildings and spaces and connection with cultural interests.

3.45.8 There is a good network of PRow surrounding the village and connecting surrounding villages, Newmarket and the Wicken Fen NNR to the north.

3.45.9 It is partly representative of key characteristics within the published assessments for the area. It is considered to be of medium value.

Landscape Susceptibility

3.45.10 The LLCA is a built-up rural settlement which is predominantly parkland such that it is of high susceptibility to the type of development proposed.

Landscape Sensitivity

3.45.11 The combination of the medium value and high susceptibility results in a high sensitivity to the Scheme.

4 LLCA Summary Table

4.1.1 The following table sets out the relationship between each LLCA and the published landscape character areas or types, identified in the baseline review, where applicable. Where ‘-’ is stated, this is because the character area is either not covered by a published study (i.e. a different regions) or the assessment is not relevant to the Scheme.

National Character Area (NCA) (Figure 10-4)	East of England Landscape Framework (Figure 10-5)	Suffolk Landscape Assessment (Figure 10-6)	Cambridgeshire Landscape Guidelines (Figure 10-7)	Norfolk and Suffolk Brecks Landscape Character Assessment (Figure 10-8)	Cambridgeshire GI Strategy (Figure 10-9)	Local Landscape Character Areas (LLCA)
NCA 46: The Fens	Planned Peat Fen	LT Settled Fenlands	Area 8 Fenlands	-	Area 4 Eastern Fens and Towns	LLCA 32 Planned East Fens LLCA 34 Soham
		LT Meadows and Fens	-	-	Area 6 Cambridge and Surrounding Area	LLCA 35 Wicken LLCA 36 Burwell Fen
		-	Area 8 Fenlands	-	Area 4 Eastern Fens and Towns	LLCA 33 Soham Mere
	Lowland Village Chalklands	LT Settled Chalklands	-	LCT Low Chalk Farmlands	-	LLCA 5 West Row and Thisley Green
		LT Rolling Estate Chalklands	-	-	-	LLCA 10 Isleham
		LT Estate Sandlands	-	-	-	-
	Urban (Newmarket)	Urban (Newmarket)	-	-	-	-
Lowland Village Farmlands	-	Area 8 Fenlands	-	Area 4 Eastern Fens and Towns Area 6 Cambridge and Surrounding Area	-	
NCA 85: The Brecks	Forested Estate Sandlands	LT Estate Sandlands	-	LCT Brecks Arable Heathland Mosaic	Area 5 Chippenham Fen	LLCA 1 Mildenhall Woods LLCA 13 Estate Sandland Mosaic LLCA 15 Red Lodge LLCA 16 Brecks Estate Sandlands LLCA 25 Kennett
	Lowland Village Chalklands	LT Settled Chalkland	-	LCT Brecks Arable Heathland Mosaic LCT Low Chalk Farmland	-	LLCA 2 Mildenhall Airfield LLCA 6 West Row Village Chalklands
		LT Rolling Estate Chalklands	-	LCT Low Chalk Farmland LCT Brecks Arable Heathland Mosaic	Area 5 Chippenham Fen	LLCA 4 Barton Mills LLCA 9 Six Acre Chalk Farmland LLCA 8 Worlington LLCA 14 River Kennett
	Urban (Mildenhall)	Urban (Mildenhall)	-	LCT Low Chalk Farmland	-	LLCA 3 Mildenhall
	Planned Peat Fen	LT Settled Chalkland	-	LCT Settled Fen	-	-
		LT Valley Meadows and Fens	-	LCT River Valleys	-	LLCA 7 River Lark Valley
NCA 86: South Suffolk and North Essex Clayland	Wooded Village Farmlands	-	South-east Clay Hills	-	-	LLCA 30 Gazeley
	Wooded Plateau Farmlands	-	-	-	-	-
	Chalk Hills and Scarps	-	-	-	-	-
NCA 87: East Anglian Chalk	Planned Peat Fen	LT Estate Sandlands	-	-	-	-
		LT Settled Fenlands	-	-	-	-
	Lowland Village Chalklands	LT Estate Sandlands	Area 2 Chalklands	-	Area 5 Chippenham Fen	LCA 19A Fordham Estate Sandlands
		LT Rolling Estate Chalklands	Area 2 Chalklands	-	Area 6 Cambridge and Surrounding Area	LLCA 11 East Fen Chalklands LLCA 37 Reach LLCA 38 Burwell LLCA 39 Burwell Wooded Chalklands LLCA 43 Burwell Chalklands
-	-	-	Area 5 Chippenham Fen	LLCA 22 Chippenham Fen LLCA 23A Chippenham LLCA 23B Chippenham Park LLCA 24 Lowland Estate Chalkland LLCA 26 The Limekilns and Gallops		
-	-	-	-	LLCA 17 Fordham Chalklands LLCA 18 Fordham LLCA 19 Fordham Abbey and Nursery		

National Character Area (NCA) (Figure 10-4)	East of England Landscape Framework (Figure 10-5)	Suffolk Landscape Assessment (Figure 10-6)	Cambridgeshire Landscape Guidelines (Figure 10-7)	Norfolk and Suffolk Brecks Landscape Character Assessment (Figure 10-8)	Cambridgeshire GI Strategy (Figure 10-9)	Local Landscape Character Areas (LLCA)
						LLCA 20 Snailwell Industrial Estate LLCA 21 Snailwell
	Urban (Newmarket)	Urban (Newmarket)	-	-	-	LLCA 41 Newmarket LLCA 42 Newmarket Racecourse
	Chalk Hills and Scarps	LT Rolling Estate Chalklands	Area 2 Chalklands	-	Area 6 Cambridge and Surrounding Area	-
			-	-	-	LLCA 27 Newmarket Studs LLCA 28 Kentford LLCA 29 Moulton LLCA 31 Grazely Chalklands