

# SUNNICA ENERGY FARM

EN010106

8.103 Environmental Mitigation Parcel Schedules

Planning Act 2008

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



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## **Sunnica Energy Farm**

### **Environmental Mitigation Parcel Schedules**

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#### Sunnica Energy Farm Landscape Mitigation Parcel Schedule



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### 1 Environmental Mitigation Parcel Schedules

1.1 As requested by the Examining Authority at ISH4, the following document has been produced in conjunction with the relevant local authorities. The document provides a schedule of the respective parties' positions for each parcel within the Scheme.

**Table 1: Sunnica East Site A** 

Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
E01	Sunnica East Site A, Sheet 1	The western boundary follows the meandering course of the Lee Brook, where existing grassland will be retained. The northern boundary abuts The Fen, which is existing plantation woodland. The southern boundary will be defined by a linear belt of trees and shrubs, 10m wide.	Additional indicative proposals for willow tree planting and rush pasture west of E01 are welcome; However, the small number of willow trees provided would not achieve the level of screening of the panels and BESS.  Distance/ buffer between Lee Brook and western boundary of E01 is understood to be 40m (see [REP3-019] p104), not 8m. Noting the Applicant's response, whilst 75m buffer is welcomed 15m does not appear to be sufficient buffer. However, sheet 1 of the Environmental Masterplan [REP5-061] shows an acceptable buffer for E01.  Clarification is required on the width of the buffer /setback form Woodland north of E01 and E02"	The offset from the Lee Brook is between 15m and 75m to retain its legibility in the landscape and to provide space for additional, dispersed riparian tree planting, which has been added to the Environmental Masterplan. The mitigation seeks a balance between visual screening and filtering of views and the open character of this section of the Lee Brook.  The Applicant proposed that willow trees will be planted sporadically along the edge of the Lee Brook to improve the riparian corridor, whilst maintaining the condition of the existing grassland.
E02	Sunnica East Site A, Sheet 1	A linear belt of trees and shrubs to the south (10m wide) and east (15m to 25m) will screen views from Ferry Road and West Row to the east and north east.	Clarification is required on the width of the buffer /setback form Woodland north of E01 and E02"	The developable boundary is set back 10m from E01 and 15m from E02.



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E03	Sunnica East Site A, Sheet 1	The western boundary follows the meandering course of the Lee Brook, where existing grassland will be retained. The southern and northern boundaries will be defined by linear belts of trees and shrubs and the eastern boundary by an existing hedgerow.	The Councils consider that the buffer should be sufficiently wide so that Lee Brook remains legible in the landscape. In fact, this would be an opportunity to enhance the legibility of Lee Brook in the landscape by planting of appropriate tree species along both sides of the brook, which could be a visual benefit of the scheme.  Therefore, the Councils propose to increase the distance/ buffer between Lee Brook and western boundary of E03 to 40m (in line with E01) or at least to a minimum of 30m and to provide additional riparian planting (also see VP1). For E03 the buffer shown on the Environmental Masterplan [REP5-061] is not acceptable and should be a continuation of the buffer along E01  E03 requires woodland planting along the western/ north-western boundary to screen the scheme from views from the north-west. Riparian planting of willow trees would be an acceptable approach, but this is not shown on the Environmental Masterplan [REP5-061]	The offset from the Lee Brook is between 15m and 75m to retain its legibility in the landscape and to provide space for additional, dispersed riparian tree planting, which has been added to the Environmental Masterplan. The mitigation seeks a balance between visual screening and filtering of views and the open character of this section of the Lee Brook.  The Applicant considers the offset from within E03 and no works will be undertaken with 10m of the watercourse as required by the CEMP [E.N010106/APP/6.2]  Planting of willow is now shown within the Environmental Masterplan submitted at Deadline 7.
E04	Sunnica East Site A, Sheet 1	This parcel will be enclosed by linear belts of trees and shrubs to the north (10m wide), east (15m to 25 wide) and south (10m wide) and by an existing hedgerow on the internal boundary with E03 to the west.	Mitigation should be enhanced. Depending on what type of structures are envisaged for E04 and on the design in E33, it should be considered whether views from the residential properties to The Ark and St Andrew's Church in Isleham could be retained. (see VP2C).  This is a particular request to design the mitigation so that there is a break in the tree line (hedge only) to allow distant views across E04 to Isleham church and the Ark to be retained.	There are glimpsed views west from Ferry Row through gaps in roadside vegetation. Linear belts of trees and shrubs are proposed along the eastern edge of Sunnica East Site A between 15m and 25m wide and will provide substantial screening of solar panel arrays. The substation and BESS will be screened from this location. The churches in Isleham are located



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				on higher ground in the distant background relative to Ferry Road. The planting in this location is proposed to mitigate views from West Row to the east, with the closest receptors being 770m away, rather than maintain views from Isleham which is approximately 2km to the west. The Applicant considers the is appropriate.
E05	Sunnica East Site A, Sheet 2	approximately 95m from Beck Road to retain open views west to Isleham and will be enclosed by woodland planting. A permissive path is proposed along the southern edge. At D5 this was	E05 should be removed from the scheme either entirely or be reduced to an existing field boundary, outside the plane crash site.  If E05 is to remain in its entirety,  -Approach to planting should be scattered trees in front of hedgerow (refer to App 10E, p.13, "empty' perception to the character) (see VP5)  -Hedgerow with occasional hedgerow trees should be considered along Beck Road/ E05 boundary (southwest) to retain views towards Lee Brook (see VP6, VP7)  -Omit dense tree planting between Beck Road and south-eastern tip of E05 to retain views along Beck Road (either direction). (see VP11)  -Provide a river restoration scheme.  -Where proposed woodland is slim-line (along the northern boundary of E05), a hedge may be preferable to retain views to Freckenham Church, taller structures within E05 permitting. (see VP3)	The Applicant does not consider that the removal of any panels within this parcels would result in an exceptional landscape or visual benefit. Therefore, no changes to E05 have been proposed. No part of E05 falls within a landscape with statutory status, such as an AONB. This was a key factor in the original site selection process. Neither does the landscape around Isleham or elsewhere across the Scheme have a local landscape designation, which nevertheless in the context of NPS EN-1 paragraph 5.9.14 should not be used in themselves to refuse consent. Furthermore, the landscape around Isleham is not noted for its landscape value or quality by local authorities in



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			Applicant to review positioning of the rush pasture, trees and shrubs south east of E05, to take into consideration the archaeology in the area including the old river line. The outline design of the landscape treatment should be provided in the OLEMP and Environmental Masterplan to ensure that the panels in E05 can be adequately screened and the aspiration that the River Lee is legible in the landscape can be achieved.	respectively.
			The proposed additional permissive route around E05 is welcomed, subject to detail.  The Council is content with the proposed surface type for the permissive paths, but requests that planting is offset by 2m to avoid encroachment.	determined at the detailed design
			The Councils have requested that the Applicant should demonstrate positive place making in this area and have provided suggestion and ideas, which are thus far not reflected on the Environmental Masterplans. The suggestions include:	Further detail has been provided in the OLEMP and on the
			<ul> <li>- Provide an additional footpath spur to Beck Road (under review)</li> <li>-To raise the viewing area and/or locate it so there is sight of the plane crash site (along the line of the panels or by removing a line of panels)</li> </ul>	The spur of the permissive path was erroneously excluded at D5 and has been added back to the Environmental Masterplan published at D7.
			-To provide interpretation and signage to explain the history of the Plane Crash site  -To remove some solar panels along the assumed flight path, which would create a visual link from Beck Road/the permissive footpaths across the Plane	The self-binding gravel path is now shown on the Environmental Masterplan and the 2m offset from planting has been added to the OLEMP.



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			Crash site towards Mildenhall where the plane took off  -Allow access to the Plane Crash site area -Provide seating -Work with the community of Isleham to commission a commemorative sculpture	The width of the offset from Beck Road has not been changed from that shown on the parameter plans submitted with the DCO application.  From an operational and safety perspective it is not feasible to provide access to the crash site itself. The crash site is on private land and access has not been provided previously.  The Applicant considers the mitigation proposals for E05 are appropriate within the landscape for E05.
E08		A hedgerow is proposed along the access track which defines the internal boundary on the northern edge of the parcel. An existing hedgerow and embankments of a raised reservoir enclose the western boundary. A linear belt of trees and shrubs is proposed along Ferry Lane, which defines the eastern boundary. This will be 15m wide.	The woodland north of E08 needs to be wider as views are far reaching towards BESS.	The woodland north of E08 has been reviewed and amended to more accurately reflect the arrangement of existing landscape features and expanded to 15m wide.
E09		be defined by a 15m wide belt of	For E09 and E10 the applicant should consider how the second hedge can be adapted to strengthen and enhance the existing hedge on the southern boundary	The proposed hedgerow north of Beck Road has been changed to a band of mixed shrubs, 10m wide, adjacent to the existing hedgerow,



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		to the west. This will screen views from Beck Road and longer views from Isleham. An existing hedgerow lines Beck Road to the south and existing hedgerows define the eastern and northern boundaries.		to widen and reinforce its habitat and screening function.
E10			For E09 and E10 the applicant should consider how the second hedge can be adapted to strengthen and enhance the existing hedge on the southern boundary. The photomontage suggests wider set back than the Landscape Masterplan. (see VP12A)	The proposed hedgerow north of Beck Road has been changed to a band of mixed shrubs, 10m wide, adjacent to the existing hedgerow, to widen and reinforce its habitat and screening function.
E33	Sunnica East Site A, Sheet 1	The substation and BESS will be enclosed on three sides to the north, east and south by woodland and to the west by the existing raised reservoir.	-With the mitigation proposed to date (prior to Deadline 7), the Councils are concerned that the BESS and substation will remain visible in the landscape from the edge of Isleham (VP3), River Lark (VP 01, 2A and 2B), Ferry Lane (VP2C) and the wider landscape to the south VP12A and propose to plant a tree belt/woodland along the western side of E33 (Bess and substations). (see VP1, VP6, VP7)	Within the Deadline 7 submission, the width of linear belts of trees and shrubs to the north (10m), east (15m) and south (15m) have been maximised within constraints to enclose and screen the substation and BESS.
			-Subject to archaeological constraints, there appear to be opportunities for a more a robust woodland planting scheme east of E33, which would help to screen the BESS even during winter conditions. (see VPs 2A and 2B)	
			-or adjust the position of the infrastructure here to allow sufficient space for effective mitigation (LIR 10.170)	



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			-The proposals for colour of external finishes for structures to be green, light grey or white are insufficient. An Environmental Colour Assessment should be undertaken at detailed design stage to inform the external finishes of the structures.	
ECO1		The proposals are for an area of native chalk grassland implemented via non-invasive methods, as a positive response to the below ground archaeology.	The LPA's have requested that more detail is added to the OLEMP regarding the design of the mitigation to manage people in relation to the permissive path and potential disturbance to ECO1 and ECO2.  Consider landscape hedge along western half of the northern boundary (currently no planting) to reduce disturbance of offsetting land by recreational users on the dismantled railway line.	Further detail has been added to the OLEMP regarding the management of people in relation to the permissive path and ECO1 and ECO2.
ECO2		Native chalk grassland and stone curlew plots, will retain the open character of the land between Isleham and Freckenham, to the west of Beck Road	The LPA's have requested that more detail is added to the OLEMP regarding the design of the mitigation to manage people in relation to the permissive path and potential disturbance to ECO1 and ECO2.  Provide a hedgerow between ECO2 and the existing PRoW to define the route and replicate Mortimers Lane. A barrier to the public to be created by the permanent predator fence	Further detail has been added to the OLEMP regarding the management of people in relation to the permissive path and ECO1 and ECO2.



Table 2: Sunnica East Site B

Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
E12	Sunnica East Site B, Sheet 5	by a well-established pine line,	The Councils still considers the visual impact on the U6006, the loss of woodland TPO trees (which form a pine line along the southern boundary of E12 with the U6006 (G81 on AIA)), and the visual impact on open landscape when viewed from Worlington and from properties on Freckenham Road to be unacceptable. The Councils therefore still consider that E12 should be removed from the scheme. Failing this  Provide an appropriate set back from U6006 – the preferred approach is the 'half-way house' [REP5-084]  There should only be one crossing point across U6006, where vegetation loss is minimal  The additional hedgerow along the eastern boundary of E12 would be an improvement in visual amenity for the users of U6006.  Provide screen planting along the south-eastern boundary- hedge and pines. (see VP15A).	Submissions [EN010106/APP/8.89], which concluded that the loss of the generation capacity from the Scheme that is proposed by the Councils could in no way be reasonably characterised only as a small reduction in function. In addition, it is the Applicant's position that the removal of the parcels would not result in an exceptional landscape or visual benefit. However, the Applicant has reviewed the design and has



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				interplanting. This is noted on the Environmental Masterplan and in the OLEMP submitted at D7.
				The Applicant can confirm that there would only be one crossing point of the U6006 and all electrical cables will be installed using no-intrusive methods, which is secured through the CEMP [EN010106/APP/6.2].
				A pine line has been incorporated along the eastern boundary of E12.
E13		Existing vegetation around the edges of the parcel create enclosure. The pine lines along U6006 enclose the western boundary, joining a pine line on	E13 should be omitted from the scheme for ecological reasons. If this is not possible and being sensitive to the existing landscape structure	Applicants position is outlined in its response the LPA Deadline 6 Submissions [EN010106/APP/8.89], which concluded that the loss of the
		the southern boundary. Woodland lies immediately to the east. A small belt of trees and shrubs is proposed on the northern side to	Retain curves in U Road between E13 and E14.  Provide additional hedge along and adjacent to U Road corridor.	generation capacity from the Scheme that is proposed by the Councils could in no way be reasonably characterised only as a
		•	Retain all existing vegetation through use of direct drilling.	small reduction in function. In addition, it is the Applicant's
		U6006.	Provide hedge along eastern boundary and along south-western boundary (along northern side of existing track) (see VP15B) of E13, outside the RPA of the veteran trees.	position that the removal of the parcels would not result in an exceptional landscape or visual benefit. In addition, appropriate ecological mitigation has been
			Remove panels from the existing area of acid grassland	incorporated into the design for Stone Curlew which has been agreed with Natural England.



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				However, the existing vegetation along U6006 in this location will be strengthened through natural regeneration and interplanting. This is noted on the Environmental Masterplan and in the OLEMP submitted at D7. This is considered preferable to an additional hedgerow to retaining the legibility of the pine lines.
				The alignment, including the slight curves between E13 and E14 will not be changed by the Scheme.
				The Applicant can confirm that there would only be one crossing point of the U6006 and all electrical cables will be installed using no-intrusive methods, which is secured through the CEMP [EN010106/APP/6.2] .
E14	Sunnica East Site B, Sheet 7	Solar panel arrays are proposed within the existing field pattern. A hedgerow to the west lining U6006 will be strengthened additional tree and shrub planting to screen views and create enclosure.	Being sensitive to the existing landscape structure.  Provide better screening in northern corner of E14 by planting up a triangular corner of sufficient size.  Divide E14 halfway across and provide further screen planting from south-west to north-east to reduce visual effects.  Along the boundary between E14 and E15 strengthen the existing pine line by planting additional pines.  Along eastern boundary of E14 repair and strengthen the pine lines.	Notes added to the Environmental Masterplans and OLEMP to explain that existing pine lines on the boundaries between parcels will be strengthened through interplanting.  The proposed planting on the western edge and interplanting on the other boundaries negates the need to divide this field and change the landscape pattern.



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
			Reinforce pine lines/tree belts along the western boundary  .  Along the boundary between E14 and E13 strengthen the existing pine line by planting additional pines.	The western boundary adjacent to U6006 will be reinforced through a pine line with a shrub understorey with a width of 15m.
E15	Sunnica East Site B, Sheet 7	Solar panel arrays are proposed within the existing field pattern. A hedgerow to the west lining U6006 will be strengthened additional tree and shrub planting to screen views and create enclosure.	Being sensitive to the existing landscape structure Reinforce pine lines/tree belts along the western boundary Along the boundary between E14 and E15 strengthen the existing pine line by planting additional pines. Strengthen the boundary between this parcel, E14 and E16 by planting additional pines. Along eastern boundary of E15 repair and strengthen the pine lines. Create visual corridor north tree belt by using the existing track for access and screening the solar panels by planting up a sufficiently large triangular area in the southwestern corner of E15.	Notes added to the Environmental Masterplans and OLEMP to explain that existing pine lines on the boundaries between parcels will be strengthened through interplanting.  The proposed planting on the western edge and interplanting on the other boundaries negates the need to divide this field and change the landscape pattern.  The western boundary adjacent to U6006 will be reinforced through a pine line with a shrub understorey with a width of 15m.  Existing pine line between E14 and 15 will be reinforced through inter-planting and natural regeneration to enhance the understory.
E16	Sunnica East Site B, Sheet 7	Solar panel arrays are proposed within the existing field pattern. A hedgerow to the west lining	Being sensitive to the existing landscape structureReinforce pine lines/tree belts along the southern edge (see VP15B VP21, VP21A).	Notes added to the Environmental Masterplans and OLEMP to explain that existing pine lines on



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		U6006 will be strengthened additional tree and shrub planting to screen views and create enclosure. This will extend along the southern boundary parallel to the hedgerow lining Elms Road.	Strengthen the boundary between this parcel and E15 by planting additional pines.  Along eastern boundary of E16 repair and strengthen the pine lines.	the boundaries between parcels will be strengthened through interplanting.  Existing pine line between E14 and 15 will be reinforced through inter-planting and natural regeneration to enhance the understory.  A linear belt of trees and shrubs along the southern boundary (15m wide) linking with pine lines with a shrub understorey on the western boundary (15m wide) will fulfil the screening function requested.
E17	Sunnica East Site B, Sheet 7	Existing boundaries to the north and west create enclosure and provide visual screening. The northern and eastern boundaries and enclosed by earthworks and existing woodland.	Being sensitive to the existing landscape structure Repair and strengthen the pine line on north-western boundary Provide tree belt along southern boundary of E17 with E18	A pine line with a shrub understorey and a width of 10m is proposed along the southern edge. Interplanting will strengthen existing screening to the west.  It is proposed that the pine line to the north-western will be strengthened.  E17 is internal to the site and will be screened by 25m width of woodland along Elms Road and earthworks and existing woodland to the north and east.
E18		Existing vegetation in and around the parcel will be retained and strengthened through additional	Visual effects of proposed BESS would be prominent from Elms Road in particular in winter and from the west in the wider landscape.	A linear belt of trees and shrubs with a width of 25m is proposed to the north of Elms Road to



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		planting. A dense belt of trees and shrubs is proposed along the southern boundary along Elms Road to screen views and reinforce enclosure.	BESS would remain visible in the wider landscape from the north and the west, which would be particularly relevant if offsite woodland is removed in the future.  From the current proposals, it is unclear whether and how much of the existing hedgerow will need to be removed to facilitate the access to the BESS  Provide tree belt along north-western and southern boundary of E17 towards BESS in E18. (see VP16)  Strengthen tree belts within parcels 14-17 to provide layers of landscape screening (see above)  Re-instate any hedgerows removed behind the visibility splays.  -The proposals for colour of external finishes for structures to be green, light grey or white are insufficient. An Environmental Colour Assessment should be undertaken at detailed design stage to inform the external finishes of the structures.	reinforce screening an enclosure provided by the existing hedgerow.  Tree belts within parcels 14-17 will be strengthened to provide layers of landscape screening (see above).  As required within the CEMP [EN010106/APP/6.2], hedgerows will be re-instated after construction, where there isn't an operational requirement such as for access.  As outlined in the Design Principles [REP6-037] the external finishes will be in keeping with the prevailing surrounding environment. The LPAs will be able to consider this as part of approving such finishes pursuant to Requirement 6.
E19	Sunnica East Site B, Sheet 7	Existing hedgerows provide enclosure and visual screening to this rectangular field south of Elms Road.	It does seem appropriate to reinforce pine lines/tree belts along the western boundary of E19. (VP21, VP21A)  . Plant up the triangular area on the south-western side of the reservoir within parcel E19 to screen panels from The PRoW.  Strengthen internal treelines between E19, E20 and E21  Careful design of permissive path required to retain privacy of adjacent landowner	A pine line with a shrub understorey is proposed along the western boundary with a width of 25m to reinforce screening from the adjacent permissive path and Brooklands stud. Belts of trees and shrubs are also proposed to strengthen existing vegetation to the north and south with a width of 10m. Internal boundaries (E19, E20 and E21) will be strengthened



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			Plant a tree belt to reinforce the planting along Elms Road	through inter-planting and natural regeneration.
				Linear belt of trees and shrubs (10m) is proposed along Elms Road.
				Planting the corners of the reservoir would prevent safe access to the reservoir and cannot be accommodated here. The existing hedgerow to the south provides effective screening.
E20	Sunnica East Site B, Sheet 7	Existing hedgerows provide enclosure and visual screening to this rectangular field south of Elms Road. Internal boundaries will be strengthened through interplanting and natural regeneration. Additional planting is proposed to the northern and eastern boundaries to reinforce existing vegetation.	Strengthen internal hedgerows between E20 and E21 (see VP 20) and between E19 and E20.  On the eastern side of parcels E20-E22 increase buffer between fence and solar panels to 30m and provide tree belt with hedgerows on either side for amenity purposes.	Notes added to the Environmental Masterplans and OLEMP to explain that existing pine lines on the boundaries between parcels will be strengthened through interplanting. Linear belts of trees and shrubs to the north will be 10m and to the east will be 15m wide. A timber closed boarded fence will also line the eastern boundary to screen views from the adjacent travellers' site.
				The distance between the site boundary and proposed solar panel arrays is 30m or greater in this location.
E21		Internal boundaries will be strengthened through interplanting and natural regeneration. Additional planting is proposed to	Strengthen internal hedgerows between E20 and E21 (see VP 20) and between E21, E19 and E22.	Notes added to the Environmental Masterplans and OLEMP to explain that existing pine lines on the boundaries between parcels



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
		the eastern boundary to reinforce existing vegetation.	On the eastern side of parcels E20-E22 increase buffer between fence and solar panels to 30m and provide tree belt with hedgerows on either side for amenity purposes.	will be strengthened through interplanting. Linear belts of trees and shrubs to east will be 15m wide.
				The distance between the site boundary and proposed solar panel arrays is 30m or greater in this location.
E22	Sunnica East Site B, Sheet 7	Existing hedgerows provide enclosure and visual screening to this rectangular field south of Elms Road. Internal boundaries will be strengthened through interplanting and natural regeneration. Additional planting is proposed to the eastern boundary to reinforce existing vegetation.	Plant up the triangular area on the south-eastern side of the reservoir within parcel E22 extending along the boundary with the reservoir as necessary to screen the solar panels from the PRoW. On the eastern side of parcels E20-E22 increase buffer between fence and solar panels to 30m and provide tree belt with hedgerows on either side for amenity purposes.  Strengthen internal treelines between E22, E21	Planting the corners of the reservoir would prevent safe access to the reservoir and cannot be accommodated here. The existing hedgerow to the south provides effective screening and will be strengthened through tree and shrub planting with a width of 10m.
				The distance between the site boundary and proposed solar panel arrays is 30m or greater in this location.
E24	Sunnica East Site B, Sheet 6	Woodland and linear belts of trees and shrubs is proposed to the north and east to create enclosure and visual screening in views from Newmarket Road and the wider landscape. The southern boundary is an existing hedgerow and the western boundary is defined by earthworks and	I DAMAGE AND DINGE TO ECTADIVITIES INDOMESTANCE VIEWE	This was reviewed on site. There is existing vegetation in the northern part, which will be retained. Earthworks extend along the boundary and preclude additional planting. Intervening vegetation provides an effective screen in views from the U6006.



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
		existing vegetation, screening views from the U6006 to the west.		
E25	Sunnica East Site B, Sheet 6	Woodland and linear belts of trees and shrubs is proposed to the south and east to create enclosure and visual screening in views from Newmarket Road and the wider landscape. The northern boundary is an existing hedgerow and the western boundary is defined by earthworks and existing vegetation, screening views from the U6006 to the west	boundary of these parcels, incl. hedges and pines to screen/filter long distance views from U6006 across landscape to panels.	This was reviewed on site. There is existing vegetation in the northern part, which will be retained. Earthworks extend along the boundary and preclude additional planting. Intervening vegetation provides an effective screen in views from the U6006.
E26		Enclosed by existing dense woodland to the north, west and south and hedgerows to the east which provide visual screening.	Provide hedge towards permissive footpath (along northern edge of parcels E26 and E27) to screen views of solar panels from proposed permissive footpath route.  Applicant to review options for interpretation boards north of E26 and E27	An additional hedgerow along the northern edge of E26 would enclose permissive path and reduce natural surveillance and cannot be accommodated in this location.  Interpretation boards added at key intersections of the permissive paths and local road network to enhance wayfinding and legibility.
E27		Enclosed by existing dense woodland to the north and south and hedgerows to the west which provide visual screening.	Provide hedge towards permissive footpath (along northern edge of parcels E26 and E27) to screen views of solar panels from proposed permissive footpath route.  Applicant to review options for interpretation boards north of E26 and E27	An additional hedgerow along the northern edge of E27 would enclose permissive path and reduce natural surveillance and cannot be accommodated in this location.



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
				Interpretation boards added at key intersections of the permissive paths and local road network to enhance wayfinding and legibility.
E28		Enclosed by existing dense woodland to the north, west and south and hedgerows to the east which provide visual screening.	Additional hedges should be included between the DCO limits and the track along the south of E28 and E29 to provide an additional layer of screening for winter months in front of the porous existing tree screen/woodland. (see VP22)	There is already dense vegetation along the southern edge of E28 and E29 and an additional hedgerow provides no additional benefit to screening.
E29		Enclosed by existing dense woodland to the north and south and hedgerows to the west which provide visual screening.	Additional hedges should be included between the DCO limits and the track along the south of E28 and E29 to provide an additional layer of screening for winter months in front of the porous existing tree screen/woodland. (see VP22)	There is already dense vegetation along the southern edge of E28 and E29 and an additional hedgerow provides no additional benefit to screening.
E30		Enclosed by existing dense woodland to the north and south (on Chalk Hill) and east which provide visual screening.	Provide return hedge planting at access into E30, in north-western corner.  Provide an additional hedge along the western boundary of E30.  Remove security fence from the retained newly planted woodland (Environmental Masterplan Sheet 6 REP5-062)	The design of the Scheme has been altered to retain the existing recent tree and shrub planting at the site entrance. Fully planting up this gap is not possible due to access requirements for the Scheme and the permissive path.  The fence line in the Deadline 7 Master Plan submission does show that the fence intrudes into the newly planted woodland area. However, the Applicant can confirm that this can be amended and will do so in the next iteration of the Master Plan.



Parcel Number	D7 Environmental Masterplan Sheet Number	·	LPA Position	Applicant Response
				A substantial belt of tall evergreen trees lines the boundary between E30 and E31. No additional planting is required.
E31	Sunnica East Site B, Sheet 6	Enclosed by existing dense woodland to the north and south (on Chalk Hill) and east which provide visual screening. The eastern boundary is open to E32.	Provide hedge between E31 and E32.  Provide internal hedge within E31 to break up expanse of solar panels.	E31 is a large field enclosed by existing vegetation and proposed planting. There are technical constraints to the land outside of E32 to the north relating to the archaeological mitigation area. This will be native grassland.
				A hedgerow has been added to the corner adjacent to the archaeological mitigation area to avoid impacting it and provide screening into this part of the site.
E32		Enclosed by existing dense woodland to the north and east, along the A11, which provide visual screening. The eastern boundary is open to E31.	LPAs raised concerns about encroachment of woodland on the barrow in the north east corner of E32 and conflicts with screening. As this an important (turning) point in the approach to Worlington, the Councils consider that this is an opportunity for positive place making and propose to plant up entire north-eastern corner (outside developable area) of E32 with woodland including oaks (see VP26A) or groups of trees and shrubs,	The design has been amended to work around the archaeological constraints in the corner of E32, comprising and hedgerow with trees. Views into this part of the site from the road and filtered by existing vegetation.  Planting of the north-eastern corner is not achievable under the
			avoiding archaeological constraints and access visibility splays to screen views of the panels and provide a positive focus on this corner.	lease agreement with the landowner.
			The additional internal hedgerows as requested by the Councils have not been incorporated and the treatment of the corner into Golf Links Road (Mixed	



Parcel Number	D7 Environmental Masterplan Sheet Number	LPA Position	Applicant Response
		scrub with scattered trees) lacks vision and ambitions for positive place making. This corner would be predestined for one of the proposed random tree groups [see NPS EN-1, 4.5.1 and 4.5.3, and NPPF paragraph 174 (b)].	



**Table 3: Sunnica West Site A** 

Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
W01			Omitted from the Scheme	
W02			Omitted from the Scheme	
W01 – Cable Route	N/A -		-Effects from the construction of the cable route. Not fully assessed on their ownProposals for post-construction landscape and ecology restoration requiredResidual impacts are currently unclearIf no vegetation is lost and land restored after construction, landscape and visual effects are expected to be short term only.	An assessment of the entire Cable Corridor was assessed within the Environmental Statement, of particular relevant is Section 9.8 of Chapter 9: Flood Risk, Drainage and Water Environment [APP-041] in terms of impacts on groundwater and Section 8.9 of Chapter 8:Ecology and Nature Conservation [APP-040].  The Applicant can confirm that there will be no vegetation lost along this section of the cable corridor and impacts will be temporary and short term.
W02 – Cable Route	N/A -		-Effects from the construction of the cable route. Not fully assessed on their ownProposals for post-construction landscape and ecology restoration requiredResidual impacts are currently unclearIf no vegetation is lost and land restored after construction, landscape and visual effects are expected to be short term only.	An assessment of the entire Cable Corridor was assessed within the Environmental Statement, of particular relevant is Section 9.8 or Chapter 9: Flood Risk, Drainage and Water Environment [APP-041] in terms of impacts on groundwater and Section 8.9 of Chapter 8:Ecology and Nature Conservation [APP-040].



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
				The Applicant can confirm that there will be no vegetation lost along this section of the cable corridor and impacts will be temporary and short term.
W03	Sunnica West Site A, Sheet 14	A substantial existing woodland belt forms the south eastern boundary. Woodland is proposed to the north-west (30m wide) to extend an existing woodland belt and connect habitats. Infill planting to the south-west and a linear belt of trees and shrubs to the north east complete the enclosure and visual screening of the parcel in proximity.	-The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  Without prejudice to this position, if this parcel is to be developed, the DCO limits would need to be moved further south-east, so that panels and mitigative planting would be situated in such a way that the views would be retained long-term. (See VP41).  -The use of the existing field track should be omitted from the scheme and an access created within the cable corridor to minimise the adverse effects on the avenue on Chippenham Road. Unless the cable is installed by directional drilling that would then avoid the loss of the 2 or 3 TPO trees which would be a preferable solution.	The Applicant's position on removal of West A parcels is outlined in its response the LPA's Deadline 6 Submissions [EN010106/APP/8.89] and in a number of recent Examination submissions (including summary of cases of ISH2, ISH3 and ISH4). This applies to all West A parcels in this table.  Utilising the existing access does not require any tree removal, although some pruning may be required. The pruning is not considered to have a significant negative impact as pruning is already undertaken for this avenue of trees. However, if the cable route access was to be utilised for an operational access a significant number of the TPO trees would need to be removed to provide the appropriate visibility splay.
W04	Sunnica West Site A, Sheet 13	Existing dense woodland to the south-west and east (The Avenue) form strong boundaries. Woodland is proposed in the	-The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed	W04 is set back 20m from the Avenue, which is considered an appropriate distance. The level of harm on the Avenue is considered



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
		northern corner to complete screening of views from the Avenue. A hedgerow completes the enclosure of this parcel and separation from the adjacent ECO5 to the north-west.	development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if this parcel is to be developed, as for W10 the extent of the solar panels should be located to ensure a physical separation from the boundary wall of Chippenham Park and Chippenham Hall. Therefore, the off-set of the solar panels from the outer edge of The Avenue should be the same distance as W10 is set back from Chippenham Park.  -The gaps in Avenue should be closed with appropriate planting suitable to the landscape character.	to be less than substantial, which is agreed with Historic England.  Tree planting either side of the Avenue will be undertaken to fill gaps, improve age structure, physical separation between Parcels W04 and W05 and habitat connectivity.
W05	Sunnica West Site A, Sheet 13	boundary. The southern boundary	-The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if this parcel is to be developed, as for W10 the extent of the solar panels should be located to ensure a physical separation from the boundary wall of Chippenham Park and Chippenham Hall. Therefore, the off-set of the solar panels from the outer edge of The Avenue	W05 is set back 10m from the Avenue, which is considered an appropriate distance. The level of harm on the Avenue is considered to be less than substantial, which is agreed with Historic England.  Tree planting either side of the Avenue will be undertaken to fill gaps, improve age structure, physical separation between Parcels W04 and W05 and habitat connectivity.



Parcel Number	D7 Environmental Masterplan Sheet Number	·	LPA Position	Applicant Response
			should be the same distance as W10 is set back from Chippenham Park.	
			-Any gaps in Avenue should be closed with appropriate planting suitable to the landscape character.	
W06	Sunnica West Site A, Sheet 12	western and south eastern boundaries will be strengthened through interplanting. Linear belts of trees and shrubs are proposed	-The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice, if this parcel is to be developed, as for W10 the extent of the solar panels should be located to ensure a physical separation from the boundary wall of Chippenham Park and Chippenham Hall. Therefore, the off-set of the solar panels from the outer edge of The Avenue should be the same distance as W10 is set back from Chippenham Park.  -The hedge along the north-western boundary of W06 (H15) is the only one that has been identified by the applicant to be an important hedgerow under the Hedgerow Regulations 1997 [APP-079, Appendix 8C - Terrestrial Habitats and Flora Report, 5.3.1. and Fig 3.2]. It contains several mature beech trees.	W06 is set back 10m from the Avenue, which is considered an appropriate distance. The level of harm on the Avenue is considered to be less than substantial, which is agreed with Historic England.  The hedgerow along the northwestern boundary is being retained and will not be impacted by the Scheme. An appropriate buffer will be established to protect the RPA's. The Applicant has committed to undertaking a preconstruction tree survey with the finding reported in an Arboriculture Report and accompanied by detailed Arboricultural Method Statements which will set out mitigation and protection measures to be undertaken within the CEMP [EN010106/APP/6.2].
			-Where W06 extends to the hedge, the off-set from this hedge should be no less than 10m form the outer rim of the canopy of the mature hedgerow trees to	



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
W07	Sunnica West Site A, Sheet 12 Sunnica West Site A, Sheet 13	The southern boundary will be defined by a 30m wide belt of woodland planting, connecting with linear belts of trees and shrubs on the north-eastern	preserve the RPAs and improve the likelihood of its successful establishment.  -However, potential shading of solar panels by the existing and proposed trees should be allowed for, which may require a far greater set back, to account also for future growth of these trees. This should be properly calculated.  - Off-sets should be calculated in all areas to allow for future growth and to avoid shading issues.  -The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if this parcel is to be developed, the proposals should be amended to enable the full retention of the existing woodland within W07. The internal access road would need to be slightly re-routed.  -Off-sets should be calculated in all areas to allow for	The Applicant is considering the LPA's comments on the mitigation within W07 for Deadline 8.
W08	Sunnica West Site A, Sheet 12	Enclosed by existing vegetation, which will be strengthened through additional planting of linear belts of trees and shrubs	-The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed	The Applicant considers the offset from the watercourse and no works will be undertaken within 10m of the water course as per the



Parcel Number	D7 Environmental Masterplan Sheet Number		LPA Position	Applicant Response
		and a hedgerow on the north-western boundary.	mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if this parcel is consented to be developed, its north-western boundary should be brought in line with the boundaries of W06 and W10 to maintain the openness of the watercourse corridor and the riparian landscape.  -The Environmental Masterplan (Sheet 4 of 5) appears to indicate Hedgerow planting along the north-eastern and north-western sides of W08; this should be included in the OLEMP and on the Hedgerow Plan (page 6). If W08 is consented in its entirety, then a hedge should also be provided along the south-western boundary, opposite the CWS.	requirements set out in the CEMP [EN010106/APP/6.2].  Given the location of the Hundred Acre Plantation to the north of W08, the Applicant considers the mitigation is appropriate without extending the hedgerow.  The proposed hedgerow is captured in the OLEMP being submitted at Deadline 7.
W09	Sunnica West Site A, Sheet 12	Close to the A14/A11 and adjacent to archaeological mitigation areas to the south. Woodland is proposed to the north-west with the southern and north eastern facing boundaries defined by existing and proposed hedgerows.	The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if this parcel is to be developed, the proposals for mitigative planting along the A11 corridor are insufficient. While there is	The Applicant considers that the proposed hedgerow planting along the A11 provides sufficient screening to users of the A11.  The proposed hedgerow is captured in the OLEMP being submitted at Deadline 7.



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
			existing planting, this includes gaps that should be closed, and the roadside planting should in general be strengthened.	
			-Hedgerow planting is indicated on the Environmental Plan (sheet 12) along the southern boundary on W09 and on the Hedgerow Plan (sheet 6). This should be included in the measures set out in the OLEMP.	
W10	Sunnica West Site A, Sheet 9 Sunnica West Site A, Sheet 12	Existing plantation woodland to the south-west will be strengthened and diversified through natural regeneration and interplanting. A linear belt of trees and shrubs is proposed along La Hogue Road to the north. The western boundary defined by Lee Brook will be lined by trees and with groups of scrub and areas of rush pasture within the extensive grassland to increase habitat diversity.	The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if this parcel is to be developed, a boundary hedge on north-western edge of W10 and tree belt along northern boundary of W10 (instead of tree belt along La Hogue Road) should be considered.  -The additional planting along the water course should allow glimpses through (more akin to existing).  -Should W10 be retained, the hedge proposed in the OLEMP and shown on the Environmental Masterplan (sheets 10 and 12) along the north-western boundary of W10 should be included in the Hedgerow Plans.  -The retained hedge between W10 and W11 should be strengthened as required.	The Applicant considers that a linear belt of trees and shrubs along the La Hogue Road is more appropriate as a means of reinforcing the existing hedgerow. A hedgerow has been provided along the northern boundary and north-western boundary and the planting along the southern side of Lee Brook will be similar in character to existing riparian vegetation and will allow for glimpses through to the proposed grassland, as shown on the Masterplans submitted at Deadline 7.



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
W11	Sunnica West Site A, Sheet 12	Existing hedgerows form the internal boundaries to the east and west. A new hedgerow, set back 75m from La Hogue Road, lies to the north with a linear belt of trees and shrubs of 15m to the south.	The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.  -Without prejudice to this position, if W11 is retained, all existing hedgerows around the parcel, including along La Hogue Road should be maintained and strengthened for the duration of the project.  -The additional hedgerow on the southern side of W11 (see Photomontage for VP33) should be included on the Environmental Plan and the Hedgerow Plan and be mentioned in the OLEMP.  -The distance between the hedgerows should be no less than 10m to provide a visual corridor.  -Additional mitigation proposals would need to be provided to mitigate the adverse effects to the character of La Hogue Road resulting from enabling road works -Replacement hedging should be provided behind passing places to restore the continuity of this feature.	All hedgerows around W11 will be maintained for the duration of the project.  It is not anticipated that the road widening on La Hogue Road will required any hedgerow removal. However, as required within the CEMP [EN010106/APP/6.2], hedgerows will be re-instated after construction in any event.
W12	Sunnica West Site A, Sheet 12	Relatively more open boundaries reflecting the character of the local landscape defined by existing hedgerows to the northwest and south west and	The Councils have repeatedly requested that this parcel should be removed from the scheme, as they consider that the adverse landscape and visual impacts and effects resulting from the proposed development in this area, including the proposed	It is not anticipated that the road widening on La Hogue Road will required any hedgerow removal. However, as required within the CEMP [EN010106/APP/6.2],



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
		proposed hedgerows to the north east and south east.	mitigation, are not capable of acceptable mitigation and that the benefits of the development do not outweigh the harm caused to this landscape.	hedgerows will be re-instated after construction in any event.
			Without prejudice to this position, if W12 is retained, all existing hedgerows around the parcel, including along La Hogue Road should be maintained and strengthened for the duration of the project.	
			-Additional mitigation proposals would need to be provided to mitigate the adverse effects to the character of La Hogue Road resulting from enabling road works -Replacement hedging should be provided behind passing places to restore the continuity of this feature.	
W15	Sunnica West Site A, Sheet 10	Set between existing blocks of woodland to the east and west and offset from existing field boundaries to maximise separation from nearby properties. Additional woodland planting of 18m to 30m wide is proposed along the eastern edge to create a continuous wooded boundary with a hedgerow along the southern boundary.	The offset from the watercourse needs to be clarified (it should be shown what width is proposed for the offset and where). Mitigation needs to be more robust. The OLEMP states that new woodland would be provided around the perimeter of the parcel. However, this is not what is shown on the Environmental Masterplan (Sheet 10). Proposed woodland/ tree belt should be extended along the southern boundary and other boundaries. Riparian planting should be provided along the boundary towards Lee Brook.	The OLEMP has been reviewed to reflect the proposals now shown on the Environmental Masterplan for W15
W17	Sunnica West Site A, Sheet 12	The substation and BESS within this parcel will be enclosed by dense woodland to the south and hedgerows to the west, north and east, which will be strengthened through additional planting 15m	It is not considered possible to make this parcel acceptable in regards to impact upon heritage and the Councils consider that this parcel should be removed from the scheme for this reason.	Further detail has been added to the OLEMP and Environmental Masterplan to explain how existing vegetation will be strengthened



Parcel Number	D7 Environmental Masterplan Sheet Number	Summary of Measures Proposed	LPA Position	Applicant Response
		wide and interplanting to reinforce enclosure.	Without prejudice to this position, should W17 be consented the Councils consider that despite the design principles set out in the wider paragraph, the massing of the built structures within W17 remains a concern, not only in terms of cultural heritage, but also in more general landscape terms. In order to make W17 acceptable in landscape terms, a much more differentiated approach to integrating the proposals into the historic landscape would need to be presented. The current proposals for mitigation provide neither sufficient integration and screening nor are they sensitive enough to the local landscape character.	through planting to reinforce visual screening and enclosure.
			The set off from trees and hedgerows should be sufficiently wide, that future tree growth will not result in the need for tree reduction or removal for reasons of shading of the solar panels.	
			The implementation of new woodland and hedgerows would need to be executed with great care to ensure that these measures would not detract from the existing, largely open, character of this historic and sensitive landscape"	