#### **Appendix 2.3: Visual Effects Summary Table**

The assessment based on Refused Scheme (Revision L) of the Site Layout and Planting Proposals is assessed in black. The assessment based on the Alternative Scheme (Revision M) is shown in red

#### **Summary of PRoW 209/74/1 (Viewpoints 1,2,3,4 and 5)**

PRoW 209/74/1 is located to the north of Halloughton and is broadly orientated east-west. The majority of this bridleway runs through farmland subdivided into fields, the boundaries of which are demarcated by hedgerows and treecover. This vegetation together with accommodation of topography and other treecover and hedgerows in the intervening landscape would mean that most sections of this route would be visually unaffected by the proposed solar farm. The route itself passes through several fields which are managed for miscanthus, which is grown as an energy crop for biomass and when growing would flank the bridleway and further limit views from this route.

This section of the bridleway passes through the centre of the Application Site is visually influenced by the line of pylons and overhead cables associated with the National Grid 132 kV transmission line. The field through which the bridleway passes within the site, would not accommodate any solar panels and would continue to remain a field in pastoral use.

Viewpoint & Receptor Sensitivity	Development Phase	Magnitude of Effect	Significance of Effect
Viewpoint 1  Receptors  PRoW user: High	Construction (short term)	Negligible Negligible	Negligible Not significant Negligible Not significant
The boundary of the Application Site is situated in the foreground of the view and follows the hedgerow which includes hedgerow trees. The field beyond the boundary in the foreground would be kept free from development, with the exception of an access track in both the Refused and Alternative Scheme. The access track would be similar to other agricultural access tracks in the locality	Operation Year 1 (medium term)	Negligible Negligible	Negligible Not significant Negligible Not significant
	Operation Year 10 (medium term)	Negligible Negligible	Negligible Not significant Negligible Not significant

and therefore would be in keeping with the area.	Decommissioning (short term)	Negligible Negligible	Negligible Not significant Negligible Not significant
Viewpoint 2  Receptors  PRoW user: High	Construction (short term)	Low Low	Moderate Not significant Moderate Not significant
During the construction phase users of the bridleway could have the opportunity to experience brief views of vehicles utilising the access track. However, any views would be limited to short sections of	Operation Year 1 (medium term)	Negligible Negligible	Negligible Not significant Negligible Not significant
the bridleway.  The view is taken from within the Application Site, the field in the foreground of the view would be kept free from development with the exception of an access track. In the Alternative Scheme, the built form which was present in the field (to the west of the substation) beyond the hedgerow to the left of the view, in the Refused Scheme has been removed. The access track would be similar to other agricultural access tracks in the locality and therefore would be in keeping with the area.	Operation Year 10 (medium term)	Negligible Negligible	Negligible Not significant Negligible Not significant
	Decommissioning (short term)	Low Low	Moderate Not significant Moderate Not significant

Viewpoint 3  Receptors  PRoW user: High	Construction (short term)	Low None	Moderate Not significant No change Not significant
Views towards the Proposed Developments would be restricted by well-established Site boundary hedgerows which occupy the foreground of the view. The field which users travelling along this route in a westerly direction would pass through is to be kept free from development. In the Alternative Scheme, the built form which was present in the field (to the west of the sub-station) beyond the hedgerow to the left of the view, in the Refused Scheme has been removed.	Operation Year 1 (medium term)	Negligible None	Negligible Not significant No change Not significant
	Operation Year 10 (medium term)	Negligible None	Negligible Not significant No change Not significant
	Decommissioning (short term)	None None	No change Not significant No change Not significant
Viewpoint 4  Receptors PRoW user: High  This is a transient and oblique view experience by PRoW users travelling along	Construction (short term)	Medium Medium	Major, short term Significant Major, short term Significant
experience by PROW users travelling along the bridleway near Stubbins Farm. Users would have a brief opportunity to experience views towards and into the	Operation Year 1 (medium term)	Medium Medium	Major, Significant Major

Application Site through gaps in the			Significant
Application Site through gaps in the intervening field boundary vegetation Views of the operational developments and any construction or decommissioning activities taking place on the Application Site would be filtered by existing boundary vegetation. In both the Refused and Alternative Scheme, due to the low lying nature of the proposals, views to the wooded horizon beyond the Application Site could still be experienced with the proposals in place. The proposed substation would be seen in the context of the existing adjacent pylon. Once the proposed boundary vegetation has matured the proposed built form would be gradually screened from view. There is no change between the assessment of the Development Proposals (Refused and Alternative Scheme) as no amendment has been made to the proposed built form or vegetation that would be present in the	Operation Year 10 (medium term)  Decommissioning (short term)	Low Low Negligible Negligible	Moderate Not significant Moderate Not significant Moderate Not significant  Negligible Not significant Negligible Not significant
view.			Negligible
Viewpoint 5	Construction	Negligible	Not significant
Receptors	(short term)	Negligible	Negligible Negligible
PRoW user: <b>High</b>	,		Not significant
The existing intervening boundary vegetation along part of the northern boundary of the Application Site which includes dense belts of trees and well-	Operation Year 1 (medium term)	None None	No change Not significant No change Not significant

the Refused and Alternative Scheme) and any construction or decommissioning activities taking place on the Application	Operation Year 10 (medium term)	None None	No change Not significant No change Not significant
Site.	Decommissioning (short term)		No change Not significant

## **Summary of Robin Hood Way a Long Distance Footpath (Viewpoint 6)**

This majority of this long distance route runs through farmland subdivided into fields, the boundaries of which are demarcated by hedgerows and treecover. This vegetation together with accommodation of topography and other treecover and hedgerows in the intervening landscape would mean that most sections of this route would be visually unaffected by the proposed solar farm.

Viewpoint 6			No change
	Construction	None	Not significant
Receptors	(short term)	None	No change
PRoW user: <b>High</b>			Not significant
The Robin Hood Way a Long Distance			No change
Footpath travels through Southwell and	Operation Year 1	None	Not significant
out towards Halam. Viewpoint 6 is taken from the slightly elevated position to the	(medium term)	None	No change
northeast of the Site, from along the			Not significant
Robin Hood Way and looks in a south- westerly orientation across the gently			No change
undulating landscape towards the Application Site. The intervening landform in combination with existing vegetation which includes trees prevents views of the Proposed Developments (Refused and Alternative Scheme).	Operation Year 10	None	Not significant
	(medium term)	None	No change
			Not significant
			No change
	Decommissioning	None	Not significant
	(short term)	None	No change
			Not significant

## Summary of local roads to the east and southeast (Viewpoints 7 and 8)

Within the local area, the network of public highways is limited. It includes a number of unclassified roads that connect the various settlements in the landscape. The typical character of these minor roads tends to be narrow, with hedgerows, hedgerow trees and built form situated immediately beyond the surface of the carriageway.

Viewpoint 7			No change
_	Construction	None	Not significant
Receptors	(short term)	None	No change
Road user: <b>Medium</b>			Not significant
For road users travelling along the			No change
unnamed road which runs between the	Operation Year 1	None	Not significant
A617, travelling north towards Southwell, dense roadside vegetation in	(medium term)	None	No change
conjunction with a woodland plantation,			Not significant
which wraps around the eastern extent of the Application Site, restricts views of			No change
	Operation Year 10	None	Not significant
Alternative Scheme).	(medium term)	None	No change
			Not significant
			No change
	Decommissioning	None	Not significant
	(short term)	None	No change
			Not significant

Viewpoint 8			Moderate
	Construction	Medium	Not significant
Receptors	(short term)	Medium	Moderate
Road user: <b>Medium</b>			Not significant
Whilst the road users would be passing			Minor
in close proximity to the proposed access point, post-construction it is proposed	Operation Year 1	Low	Not significant
that a traditional farm gate would be	(medium term)	Low	Minor
installed which would be in keeping with other farm gates in the vicinity of the			Not significant
Application Site. The security gate and			Minor
security fencing would be set back from the road, obscured from view (Refused	Operation Year 10	Low	Not significant
and Alternative Scheme).	(medium term)	Low	Minor
The view experienced by road users			Not significant
would be oblique and transient, with the farm gate occupying a comparatively			
small section of the existing roadside			Moderate
hedgerow. The main elements of the Proposed Development (Refused and	Decommissioning	Medium	Not significant
Alternative Scheme) such as the panels	(short term)	Medium	Moderate
would be sent back from this location (by approximately 140m) and would be screened from view.	,		Not significant

## **Visitors to the churchyard of St James' Church (Viewpoint 9)**

Views from within the churchyard towards the Application Site are filtered by both vegetation within the churchyard, which includes evergreen species, field boundary vegetation and a section of plantation woodland.

Viewpoint 9			Minor
	Construction	Low	Not significant
Receptors	(short term)	Low	Minor
Churchyard visitor: <b>Medium</b>			Not significant
Whilst filtered views of the construction			Negligible
traffic may be experienced over a temporary period of time, the main	Operation Year 1	Negligible	Not significant
elements of the Proposed Development	(medium term)	Negligible	Negligible
(Refused and Alternative Scheme) such as the solar panels, security fencing and			Not significant
substation would be largely screened			Negligible
from view. A traditional farm gate is to be placed at the Site entrance which would help to retain the agricultural character of the view beyond the churchyard.	Operation Year 10	Negligible	Not significant
	(medium term)	Negligible	Negligible
			Not significant
			Minor
	Decommissioning	Low	Not significant
	(short term)	Low	Minor
			Not significant

#### Summary of PRoW 186/3/1 (Viewpoint 10)

PRoW 186/3/1 lies to the south of the Application site and the hamlet of Halloughton. The far eastern section of this route which is in close proximity to the hamlet of Halloughton would be visually unaffected as lines of sight towards the proposed scheme would be interrupted by mature hedges, treecover and built form.

Further west of Halloughton, this PRoW is located on local higher ground in the vicinity of Halloughton Wood. From a short stretch of this bridleway, there is the opportunity to gain northward views over an existing hedgerow and post and wire fence which sits alongside the track. From this location due to the mature tree belts and hedgerows and treecover generally in the intervening landscape, the opportunity to gain views of the Proposed Developments would be very limited.

Viewpoint 10			
Receptors PRoW user: High The view looks in a northerly orientation	Construction (short term)	Low Negligible	Moderate Not significant Negligible Not significant
across the gently undulating agricultural landscape towards the Application Site, which is located towards the horizon of the view. Existing field boundary vegetation, which includes belts of trees are expected to screen much of the proposed built form.  Based on the Refused Scheme the built form would be expected to be partially visible in the field to the west of e at Year 1. This area of built form has been	Operation Year 1 (medium term)	Low Negligible	Moderate Significant Negligible Not significant
removed from the Alternative Scheme and as result, much of the proposed built form would be screened from view from this viewpoint.  By Year 10 once the proposed enhancement vegetation has matured, views of the Proposed Development within the Refused Scheme screened. Views of the Proposed Development within the Alternative Scheme would also be	Operation Year 10 (medium term)	Negligible None	Negligible Not significant No change Not significant
restricted further.  Importantly with either the Proposed Developments in situ, the elements of the built form would not be a dominant feature in the view. Nor are they expected to break the skyline.	Decommissioning (short term)	Negligible None	Negligible Not significant

## Summary of local roads to the east and southeast (Viewpoint 11)

Within the local area, the network of public highways is limited. It includes a number of unclassified roads that connect the various settlements in the landscape. The typical character of these minor roads tends to be narrow, with hedgerows, hedgerow trees and built form situated immediately beyond the surface of the carriageway. To the west Halloughton, the minor road continues only to serve one farm, Halloughton Wood Farm. From this short stretch of highway, the Application Site is set back from the highway, its full extent obscured by vegetation.

Viewpoint 11  Receptors  Road user: Medium	Construction (short term)	Low Negligible	Minor Not significant Negligible Not significant
The view is taken on the western edge of Halloughton and looks in a northerly direction across the adjacent agricultural fields towards the Site. The Proposed Development would be situated in the mid view, beyond the intervening vegetation, which also screens the vast majority of	Operation Year 1 (medium term)	Low Negligible	Minor Not significant Negligible Not significant
the Application Site.  As illustrated on the layout for the Refused Scheme the panels in the field to the west of the existing northwest-southeast orientated tree belt would be visible during the early life of the proposals.	Operation Year 10 (medium term)	Negligible <mark>None</mark>	Negligible Not significant No change Not significant
On the layout for Alternative Scheme the panels and supporting infrastructure are removed from this field, resulting in the proposed built form being screened from view.	Decommissioning (short term)	None None	No change Not significant No change Not significant
View from Cotmoor Lane Byway			

Views from the PRoW network to the southwest of the Application Site are represented by Viewpoint 12, which is taken on the southernmost extent of Cotmoor Lane Byway (186/9/1). The gently sloping grassland fields in the foreground of the view are not located within the Site. A hedgerow located in the mid-view marks part of the Application Sites western boundary. A well-established existing northwest-southeast orientated tree belt situated to the north of Halloughton restricts views across the southern extent of the Application Site.

Viewpoint 12	Construction	Low	Moderate
Receptors PRoW user: High	(short term)	Low Negligible	Not significant Negligible Not significant
As illustrated on the layout for the Refused Scheme the panels in the field to the west of the existing northwest-southeast orientated tree belt would be visible during the early life of the	Operation Year 1 (medium term)	Low Negligible	Moderate Not significant Negligible Not significant
proposals beyond the hedgerow in the mid-view.  On the layout for Alternative Scheme the panels and supporting infrastructure are removed from this field, resulting in the	Operation Year 10 (medium term)	Low Negligible	Moderate Not significant Negligible Not significant
proposed built form being screened from view by the exsiting interveening vegetation.	Decommissioning (short term)	Low Negligible	Moderate Not significant Negligible Not significant

#### Summary of PRoW 209/43/1 (Viewpoint 13)

PRoW 209/42/1 is broadly orientated north-south. Views towards the Application Site are restricted by the mature hedgerows that run along the western boundary of the Application Site boundary. Given the nature of the topography would be no opportunity to observe the solar farm along much of the route of 209/42/1 where it passes in close proximity to the Application Site, except for the odd location where there is a gap in the existing hedgerow under existing mature trees. This route extends further south towards woodland, located southwest of the Application site. The intervening treecover and hedgerows in the intervening landscape would substantially limit the opportunity to gain views of the Proposed Developments (Refused and Alternative Scheme). A nearby pylon and the overhead

transmission lines dominate the view, with partial views of the proposals within one field in the middle distance. All the other fields associated with the Proposed Developments would be screened from view, due to treecover and hedgerows. There would as a consequence be no appreciation of the wider extent of the Proposed Developments from this viewpoint location. Where this bridleway terminates and connects with Cotmoor Lane Byway (209/80/1 and 2), this route is flanked on either side by mature hedgerows and treecover such that users of this recreational route would be visually unaffected by the Proposed Developments.

Viewpoint 13	Construction	None	No change
Receptors	(short term)	None None	Not significant  No change
PRoW user: <b>High</b>			Not significant
Views from this location would be heavily			No change
restyicted in both the summer and winter	Operation Year 1	None	Not significant
months despite the Proposed Developments (Refused and Alternative	(medium term)	None	No change
Scheme) being located in relative close			Not significant
proximity.			No change
	Operation Year 10	None	Not significant
	(medium term)	None	No change
			Not significant
			No change
	Decommissioning	None	Not significant
	(short term)	None	No change
			Not significant

#### Summary of PRoW 209/42/1, 209/43/1 and 209/43/2 (Viewpoint 14,15,16 and 17)

The footpath links the west side of Southwell to the main Oxton Road. From this main highway, the footpath extends southward towards the Application Site. Much of the route of PRoW 209/43/2, apart from a glimpsed view through a field gate, users of this route would be barely visually affected due to the screening effect of adjacent vegetation. At its southern point, it meets the Application Sites boundary and would run along the northern side of field one where views of solar arrays and fencing would be limited to only this field. There would be no perception of the wider scheme or the depth and extent of the arrays in this field as only the northern arrays adjacent to the path could be observed on this route.

Viewpoint 14			Moderate
	Construction	Low	Not significant
Receptors	(short term)	Low	Moderate
PRoW user: <b>High</b>			Not significant
The view is taken at the point where the			Moderate
footpath crosses the access track to	Operation Year 1	Low	Not significant
Radley Farm and looks in a southerly direction into the Application Site. The	(medium term)	Low	Moderate
Proposed Developments (Refused and			Not significant
Alternative Scheme) would be situated within the mid view, beyond the access			Negligible
track and existing hedgerow.	Operation Year 10	Negligible	Not significant
Users of the footpath at this location have	(medium term)	Negligible	Negligible
the opportunity to experience oblique, transient, and glimpsed views of			Not significant
the proposals at this location.			Negligible
	Decommissioning	Negligible	Not significant
	(short term)	Negligible	Negligible
			Not significant
Viewpoint 15			Major
	Construction	High	Significant
Receptors	(short term)	High	Major
PRoW user: <b>High</b>			Significant
PRoW users along footpath 209/43/1			Major
travelling through the Application Site	Operation Year 1	High	Significant
would experience close up views,	(medium term)	High	Major
			Significant

primarily of the security fencing the rear of the panels. Based on the Alternative Scheme a line of hedgerows with trees is proposed alongside the footpath. At present for footpath users travelling along the route do not have long-ranging views across the landscape to the south due to the intervening undulating landform in the foreground.	Operation Year 10 (medium term)	High Low	Major Significant Moderate Not significant
	Decommissioning (short term)	High Negligible	Major Significant Negligible Not significant
Viewpoint 16  Receptors  PRoW user: High	Construction (short term)	Low None	Moderate Not significant No change Not significant
The hedgerow in the foreground of the view marks the boundary and restricts views into the Application Site. It is anticipated that this dense hedgerow would heavily filter views of the Proposed	Operation Year 1 (medium term)	Low None	Moderate Not significant No change Not significant
Developments (Refused and Alternative Scheme).  On the Alternative Scheme, the built form has been pulled back from the northeast corner of the Application Site.		Negligible None	Negligible Not significant No change Not significant
comer of the Application Site.	Decommissioning (short term)	Negligible <mark>None</mark>	Negligible Not significant No change Not significant

Viewpoint 17			No change
-	Construction	None	Not significant
Receptors	(short term)	None	No change
PRoW user: <b>High</b>			Not significant
The view is taken just off the B6386 from			No change
along footpath 209/43/2, and looks in a	Operation Year 1	None	Not significant
south-westerly orientation towards the	(medium term)	None	No change
Site. Layers of intervening vegetation, including trees, are expected to restrict			Not significant
and prevent views of the Proposed			No change
Development Proposed Developments (Refused and Alternative Scheme)	Operation Year 10	None	Not significant
(Refused and Alternative Scheme)	(medium term)	None	No change
			Not significant
			No change
	Decommissioning	None	Not significant
	(short term)	None	No change
			Not significant

## Views from the ProW network to the north of the Application Site

There is a comprehensive network of PRoWs to the north of the Application Site to the west of Halam. Viewpoint 18 is taken from along the Robin Hood Long Distance Footpath and looks in a south-easterly orientation across the undulating landscape towards the Application Site.

Viewpoint 18			No change
·	Construction	None	Not significant
Receptors	(short term)	None	No change
PRoW user: <b>High</b>			Not significant
The view is taken at a point where the			No change
Robin Hood Way Long Distance Footpath	Operation Year 1	None	Not significant
connects to the wider network of byways		None	No change
The horizon of the view contains multiple belts and blocks of woodland. The intervening landform and vegetation would restrict views of the Proposed Developments (Refused and Alternative Scheme).			Not significant
	ıld		No change
	Operation Year 10	None	Not significant
	(medium term)	None	No change
			Not significant
			No change
	Decommissioning	None	Not significant
	(short term)	None	No change
			Not significant

# Views requested by the Case Officer and Conservation Officer at Newark and Sherwood

Following discussions, three additional viewpoints were recorded. These three viewpoints are taken from near Brinkley Hall Farm; from PRoW footpath 209/12/1 on the edge of Southwell Conservation Area and; from within the grounds of Southwell Minster.

Viewpoint A			No change
	Construction	None	Not significant
Receptors	(short term)	None	No change
Road user: <b>Medium</b>			Not significant
-			_

The view is taken from Fiskerton Road near Brinkley Hall Farm. Dense, wellestablished roadside and field boundary vegetation restricts views across the adjacent landscape towards the Site. Views from within the grounds of the farm are expected to be restricted by vegetation along the the boundary of the property.	Operation Year 1 (medium term)	None None	No change Not significant No change Not significant
	Operation Year 10 (medium term)	None None	No change Not significant No change Not significant
	Decommissioning (short term)	None None	No change Not significant No change Not significant
Viewpoint B  Receptors  RPoW user: High	Construction (short term)	Negligible Negligible	Negligible Not significant Negligible Not significant
The view is taken from the Easthorpe end of the Southwell Conservation Area. The view looks across the gently sloping landscape to the south of Southwell towards the Site which is obscured from	Operation Year 1 (medium term)	Negligible Negligible	Negligible Not significant Negligible Not significant
view by intervening landform.  The additional tree planting proposed around the periphery of the Application	Operation Year 10 (medium term)	Negligible <mark>Negligible</mark>	Negligible Not significant Negligible Not significant

Site (illustrated on both the Refused and Alternative Scheme layouts would aid in further restricting views of the proposed built form.	Decommissioning (short term)	Negligible Negligible	Negligible Not significant Negligible Not significant
Viewpoint C  Receptors A visitor to Southwell Minster: High	Construction (short term)	None None	No change Not significant No change Not significant
The view is taken from within the grounds of Southwell Minster, the boundary of which is formed of a mix of stone walls and vegetation including trees. Views towards the Application Site are curtailed and restricted by intervening built form and vegetation	Operation Year 1 (medium term)	None None	No change Not significant No change Not significant
	Operation Year 10 (medium term)	None None	No change Not significant No change Not significant
	Decommissioning (short term)	None None	No change Not significant No change Not significant