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PROJECT		
FAIR OAKS RENE	WABLE ENERC	BY PARK
TITLE		
INDICATIVE BES	SS AND SUBST	ATION S
PAPER SIZE A1	DRAWN BY M STUART	DATE 17/11/22
SCALE 1:200, 1:1,000	CHECKED J. MURPHY	DATE 17/11/22
DRG NUMBER:		
Fi	g. 6.10	



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1. All dimensions are in metres (m).



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PLAN ON BATTERY UNIT ARRANGEMENT (1:50)



Y-Y: SECTION BATTERY UNIT ARRANGEMENT (1:50)

Z-Z: SECTION BATTERY UNIT ARRANGEMENT
(1:50)

NOTES:

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1:50	J. MURPHY	17/11/22
DRG NUMBER:	<u>.</u>	-
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FAIR OAKS RENEWABLE ENERGY PARK Typical Palisade Fence Detail

Figure 6.12

NOTES

1. All measurements in metres





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r Oaks Renewable gy Park: Ecological pact Assessment FIGURE 8.1 hase 1 Habitats d Site Layout species-poor hedge - defunct species-poor hedge - defunct species-poor hedge - intact species-poor hedge - defunct species-poor hedge - defunct species-poor hedge - defunct introde woodland - plantation mixed woodland - plantation twiced woo	Y RIDGE CLEAN ENERGY
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ir Oaks Renewable ergy Park: Ecological npact Assessment	
FIGURE 8.2	
ase 1 Habitats and Layout: Operation	
- Species-rich hedge - defunct	
- Species-poor hedge - intact	
- Species-poor hedge - defunct	
abitat	
2 - Broadleaved woodland - plantation	
2 - Mixed woodland - plantation	
- Scrub - dense/continuous	
- Neutral grassland - unimproved	
mproved grassland	
- Other tall herb and fern - ruderal	
Cultivated/disturbed land - arable	
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FAIR OAKS RENEWABLE ENERGY PARK Outline Landscape and Biodiversity Mitigation and Enhancement Plan Figure 8.3



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FAIR OAKS RENEWABLE ENERGY PARK

Figure 9.1: Regional Landscape Character Areas and

Draft Policy Zones (and Landscape Management Strategies):

NW01: Gotham and West Leake Wooded Hills and Scarps (conserve)

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Sub-Regional Green Infrastructure Corridors -

3: River Trent – Trent Washlands to Holme Pierrepoint 7: Fairham Brook/Packman Dyke and Rushcliffe Country Park 15: Edwalton/Sharphill Wood/Ruddington Corridor

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Nottingham Transport Heritage Centre, Nottingham Heritage

Ruddington Village Museum, Framework Knitters' Museum, Human

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Application Boundary

Theoretical Visibility of Panels



The terrain data used is Environment Agency LIDAR 2m DTM, and includes 200 target points set along the alignment of the proposed solar panels. Target height used: 3m.

Viewer height used in calculation 1.60m.

This ZTV is a bare earth calculation, and does not include include the screening effects of buildings and vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

FIGURE 9.4a ZTV - Solar PV Panels



FAIR OAKS RENEWABLE ENERGY PARK

Viewpoint Locations



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Application Boundary

The terrain data used is Environment Agency LIDAR 2m DTM, and includes 9 target points set within the extents of the Sub Station area. Maximum height of development: 5.04m.

Viewer height used in calculation 1.60m.

This ZTV is a bare earth calculation, and does not include include the screening effects of buildings and vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

FIGURE 9.4b ZTV - Substation and BESS Infrastructure



Viewpoint Locations

Theoretical Visibility of Substation/BESS Infrastructure