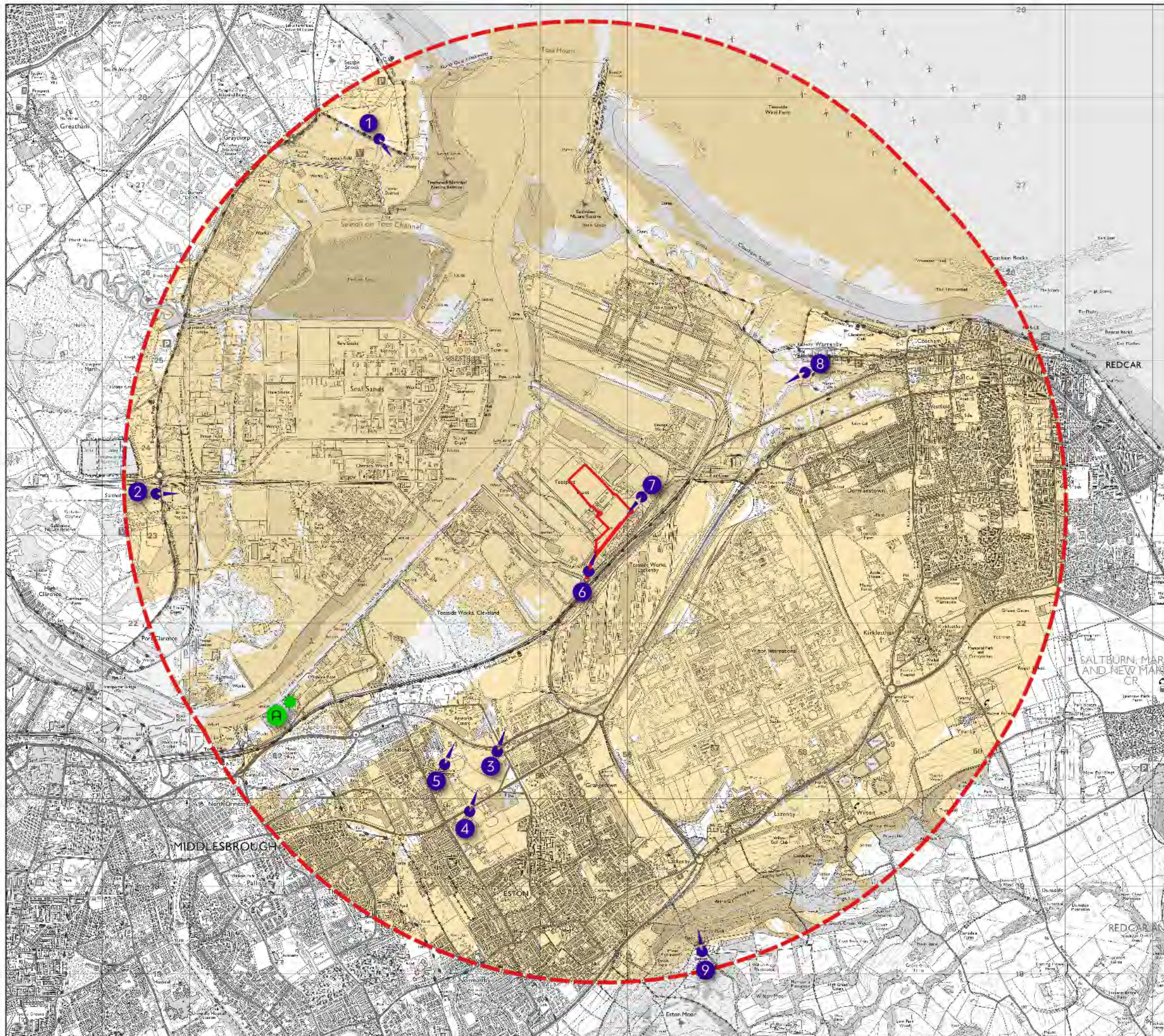








## APPENDIX 10.6: FIGURES



-  Site Boundary
-  5km Study Area
- Zone of Theoretical Visibility (ZTV)
  -  Development theoretically visible
  -  Development not visible
- Viewpoints
  -  Viewpoints
  -  Viewpoints (Scoped out of Assessment)

**Notes:**

The Zone of Theoretical Visibility (ZTV) illustrates the extent to which the development at an 48m stack height is potentially visible within a 5km radius (1.6m high receptor). The ZTV has been modelled using GIS computer software (QGIS) and Ordnance Survey Terrain 5 data, and as such does not take into account built form or vegetation present within the landscape. Field verification is required to refine the accuracy of the ZTV.



Project	Green Lithium, South Teesside, Teesport
Drawing Title	Figure 12.4: ZTV + Photoviewpoint Location Plan
Scale	1:45,000
Drawing No.	15684/P05
Date	March 2023
Checked	CC/CD





97 Icknield Street, Hockley, Birmingham B18 6RU  
 T: 0121 828 4045 E: info@tylergrange.co.uk W: www.tylergrange.co.uk

# Representative Photo Viewpoint Information Sheet

**View 1 - View from the England Coast Path long distance route approximately 5km to the north** OS: 453186 , 527505

Date of Photo: 08/03/2023 14:31  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 30mm  
 Horizontal FOV: 90°



**View 6 - View on the approach to the Site from the south along Teesport Road** OS: 455556 , 522667

Date of Photo: 08/03/2023 15:52  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 30mm  
 Horizontal FOV: 90°




**View 2 - View from the England Coast Path long distance route, approximately 5km to the west** OS: 450713 , 523517

Date of Photo: 08/03/2023 14:17  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 30mm  
 Horizontal FOV: 90°



**View 7 - View on the approach to the Site from the north/east along Teesport Road** OS: 456113 , 523426

Date of Photo: 08/03/2023 15:57  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 32mm  
 Horizontal FOV: 90°




**View 3 - View from the junction of A66 and Church Lane, Grangetown (and in close proximity to the traffic-free Cycle route) facing north approximately 3km from the Site** OS: 454510 , 520551

Date of Photo: 08/03/2023 12:26  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 30mm  
 Horizontal FOV: 90°

**View 8 - View from Coatham Marsh Local Nature Reserve approximately 2km to the north east** OS: 457969 , 524821

Date of Photo: 08/03/2023 16:32  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 32mm  
 Horizontal FOV: 90°






**View 4 - View from the A1085 Trunk Road, almost 4km to the south west of the Site** OS: 454162 , 519926

Date of Photo: 08/03/2023 11:54  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 32mm  
 Horizontal FOV: 90°






**View 9 - View from Eston Nab trig point facing north approximately 5km from the Site** OS: 456820 , 518297

Date of Photo: 08/03/2023 13:30  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 32mm  
 Horizontal FOV: 90°

**View 5 - View from the recreational open space area by residential properties off Uvedale Road to the south west** OS: 453930 , 520433

Date of Photo: 08/03/2023 11:32  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 32mm  
 Horizontal FOV: 90°

**View A - View from the Cargo Fleet River View Park approximately 4km to the south west** OS: 452161 , 521010

Date of Photo: 08/03/2023 12:49  
 Weather: Clear / Good Visibility  
 Visualisation Type: Type 1  
 Camera: Canon EOS 1300D  
 Frame Type: Single Frame  
 Projection: Cylindrical  
 Lens Focal Length: Canon 30mm  
 Horizontal FOV: 90°





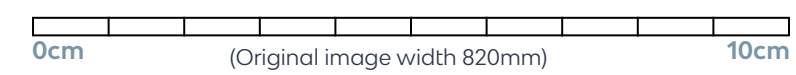


Approximate extent of Site

Hartlepool Power Station

Zinc Works Rd

When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 14:31  
**Taken From:** View from the England Coast Path long distance route approximately 5km to the north  
**Direction of View:** South

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 4.3km

**Projection:** Cylindrical  
**Lens:** Canon 30mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

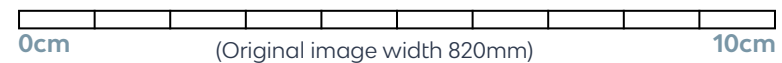
**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning

**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint 1

Approximate extent of Site



When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 14:17  
**Taken From:** View from the England Coast Path long distance route, approximately 5km to the west  
**Direction of View:** East

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 4.7km

**Projection:** Cylindrical  
**Lens:** Canon 30mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning

**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint 2

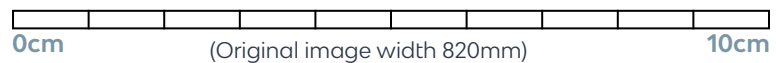
Approximate extent of Site

Church Lane

A66



When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 12:26  
**Taken From:** View from the junction of A66 and Church Lane, Grangetown (and in close proximity to the traffic-free Cycle route) facing north approximately 3km from the Site  
**Direction of View:** North

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 3km

**Projection:** Cylindrical  
**Lens:** Canon 30mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

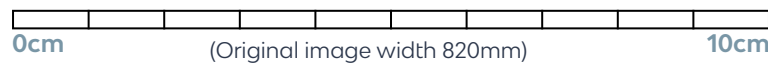
**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning

**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint 3



Approximate extent of Site

Tesco Entrance



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 11:54

**Taken From:** View from the A1085 Trunk Road, almost 4km to the south west of the Site

**Direction of View:** North East

**Field of View:** 90°

**Camera:** Canon EOS 1300D

**Distance to site:** 3km

**Projection:** Cylindrical

**Lens:** Canon 32mm

**Visibility:** Good

**Visualisation Type:** Type 1

**Image Enlargement:** 96%

**Page Size:** A1 width

**Project No:** 13716

**Client:** Sol Environment Ltd

**Status:** Planning

**Date:** March 2023

**Project:** Green Lithium, South Teesside, Teesport

**Title:** Photoviewpoint 4



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Approximate extent of Site

Uvedale Rd

A66

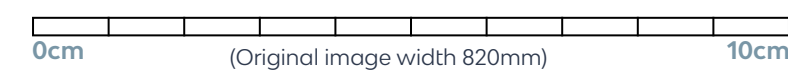


Approximate extent of Site



Mansden Estate, Rendcomb, Cirencester, GL7 7EX  
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When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 15:52  
**Taken From:** View on the approach to the Site from the south along Teesport Road  
**Direction of View:** North

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 0m

**Projection:** Cylindrical  
**Lens:** Canon 30mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning

**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint 6

Approximate extent of Site

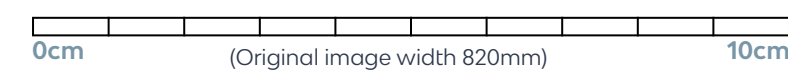


Dabholm Rd



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When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 15:57  
**Taken From:** View on the approach to the Site from the north/east along Teesport Road  
**Direction of View:** South West

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 0.1km

**Projection:** Cylindrical  
**Lens:** Canon 32mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning

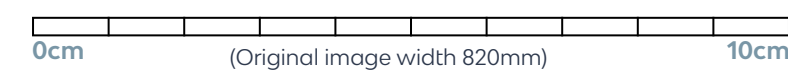
**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint 7

Approximate extent of Site



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When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 16:32  
**Taken From:** View from Coatham Marsh Local Nature Reserve approximately 2km to the north east  
**Direction of View:** South West

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 2.6km

**Projection:** Cylindrical  
**Lens:** Canon 32mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning

**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint 8



Approximate extent of Site

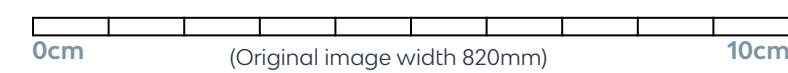
A1053

Approximate extent of Site



Mansden Estate, Rendcomb, Cirencester, GL7 7EX  
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When printed, cylindrical images need to be curved around the viewer to represent real-world viewing angles. Alternatively they could be viewed flat by moving the head to maintain a constant viewing distance across the panorama. (Ref: LI TGN 06/19)



(Original image width 820mm)  
Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

**Date Taken:** 08/03/2023 12:49  
**Taken From:** View from the Cargo Fleet River View Park approximately 4km to the south west  
**Direction of View:** North East

**Field of View:** 90°  
**Camera:** Canon EOS 1300D  
**Distance to site:** 4km

**Projection:** Cylindrical  
**Lens:** Canon 30mm  
**Visibility:** Good

**Visualisation Type:** Type 1  
**Image Enlargement:** 96%  
**Page Size:** A1 width

**Project No:** 13716  
**Client:** Sol Environment Ltd  
**Status:** Planning





**Date:** March 2023  
**Project:** Green Lithium, South Teesside, Teesport  
**Title:** Photoviewpoint A



Tree-lined streets and trees added to areas of open space to add visual interest to the Proposed Development.

- Avoidance of overly reflective materials to avoid glare or adverse visual effects
- Inclusion of appropriate building cladding to assimilate into the surrounding context
- Articulation and orientation of buildings to be consistent with that of the surrounding context

**Key**

-  Site Boundary
-  Proposed Built Form
-  Water-Attenuation
-  Proposed Public Open Space with Scattered Tree Planting

**Open Space Tree Planting**

Native tree planting proposed within the open space ensuring that underground drainage and services are avoided.

**Suggested Species:**



English oak



Wild cherry



English oak



Beech



Project Green Lithium, South Teesside, Teesport

Drawing Title **Landscape Masterplan**

Scale 1:8,000

Drawing No. 15684/P07

Date March 2023

Checked CC/CD

