

South Humber Bank Energy Centre Development Consent Order

South Marsh Road, Stallingborough, DN41 8BZ

Environmental Impact Assessment: Preliminary Environmental Information Report - Volume II

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)



DOCUMENT HISTORY

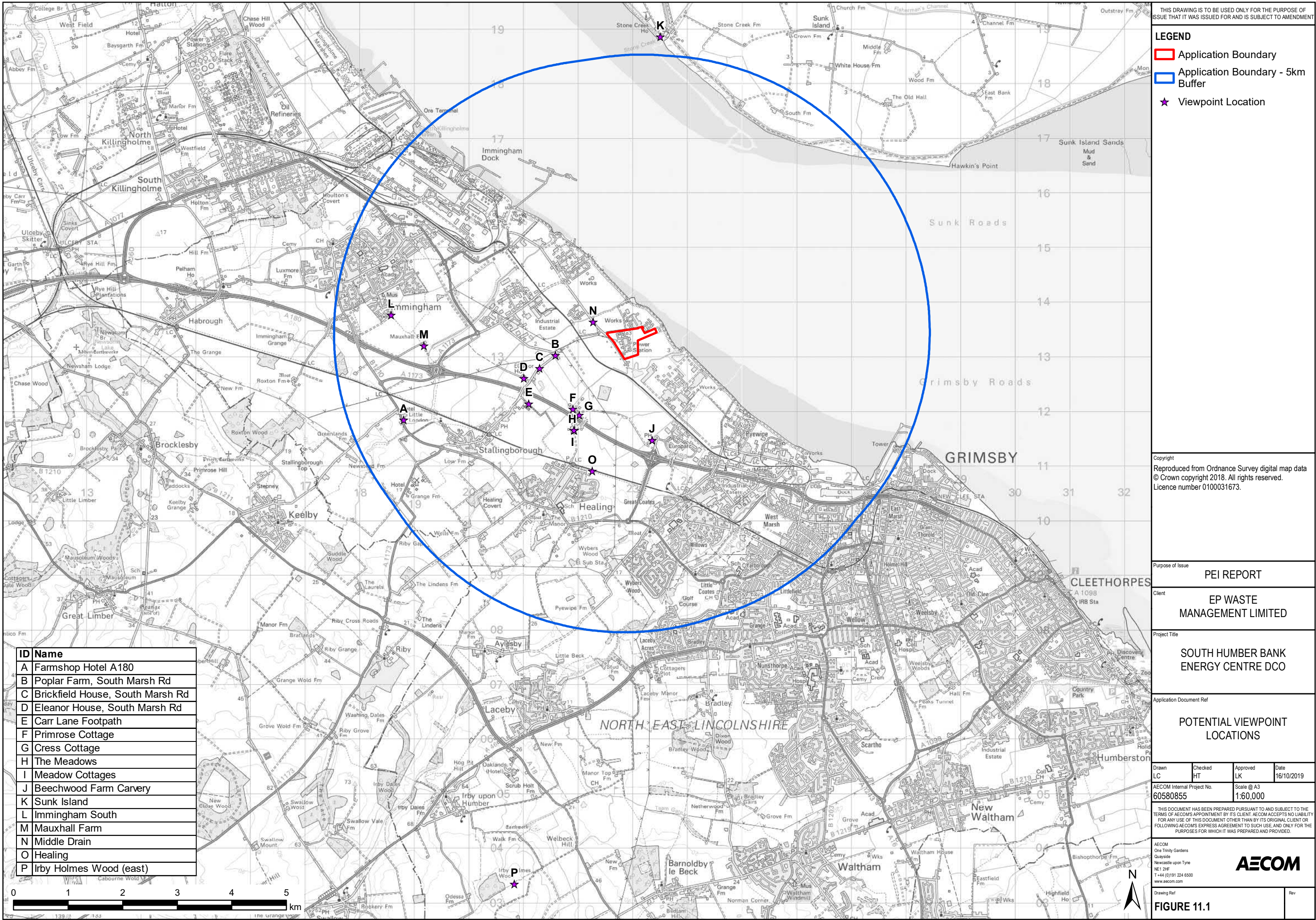
Revision	PEI Report issue		
Author	Various		
Signed	Kirsty Cobb	Date	October 2019
Approved By			
Signed	Richard Lowe	Date	October 2019
Document Owner	AECOM		

Contents

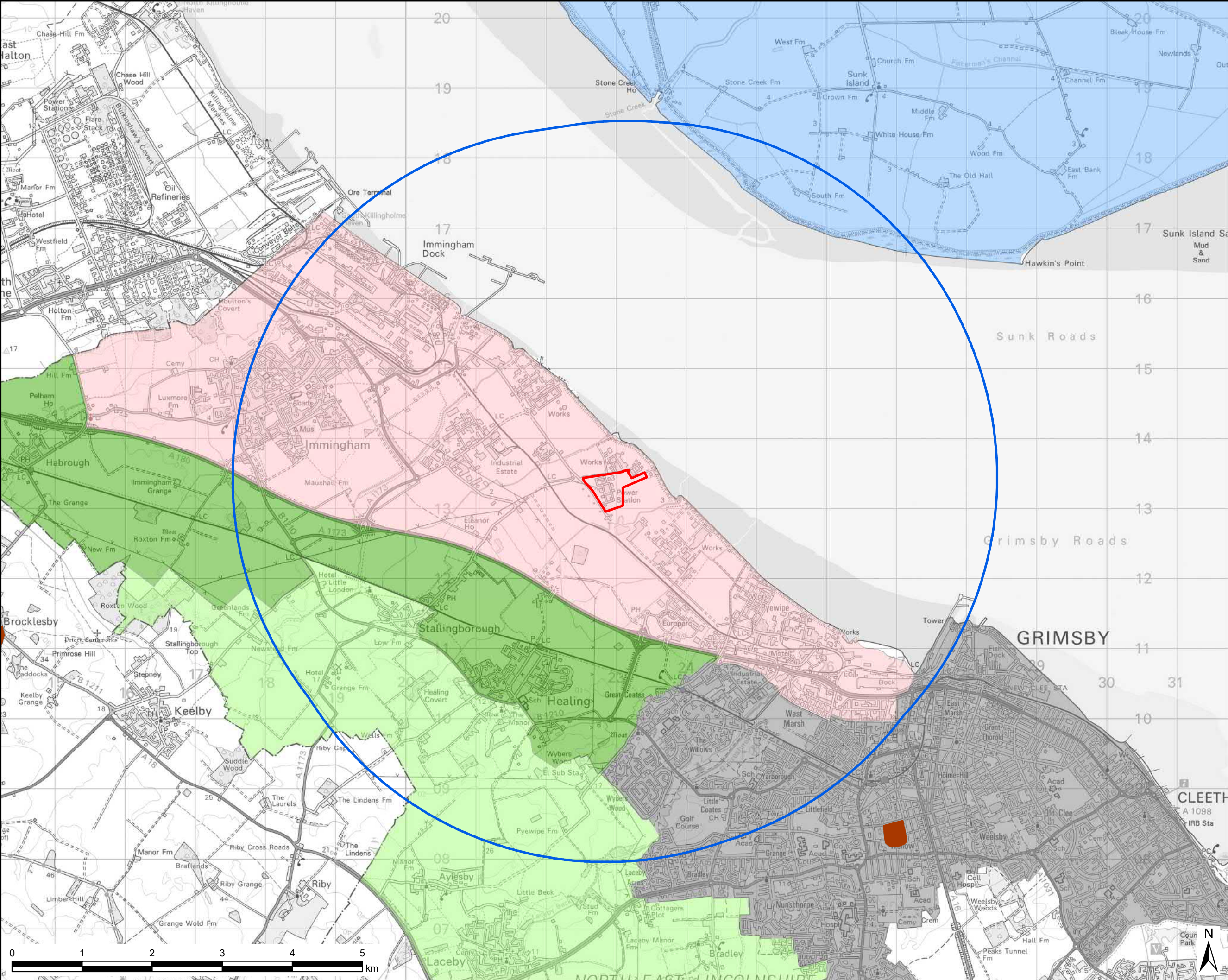
Figure 1.1	Site Location Plan
Figure 3.1	Parts of the Site (Application and Main Development Area Boundaries)
Figure 3.2	Residential Receptors
Figure 3.3	Environmental Receptors within 5 km
Figure 4.1	Indicative Proposed Development Site Layout
Figure 4.2	Ecological Mitigation and Enhancements (Indicative)
Figure 4.3	Comparison of the Consented and Indicative Proposed Development
Figure 7.1	Air Quality Receptors and Diffusion Tube Monitoring Locations
Figure 7.2	Ecological Receptor Locations
Figure 7.3	Annual Mean Maximum NO₂ Process Contribution, 2015 Meteorological Year
Figure 7.4	Short Term Maximum NO₂ Process Contribution, 2014 Meteorological Year
Figure 8.1	Noise Sensitive Receptors and Monitoring Locations
Figure 8.2	Predicted Noise Levels at Ecological Receptors - Worst Case Hour 06:00-07:00
Figure 11.1	Potential Viewpoint Locations
Figure 11.2	Landscape Types and Designations
Figure 11.3	Public Rights of Way and Topography
Figure 11.4	Zone of Theoretical Visibility (ZTV)
Figure 11.5	Final Viewpoint Locations
Figure 11.6	Viewpoint 1 – Farmshop Hotel, A180 (Summer)
Figure 11.7	Viewpoint 2 – Brickfield House (Summer)
Figure 11.8	Viewpoint 3 – Carr Lane Footpath (Summer)
Figure 11.9	Viewpoint 4 – Cress Cottage (Summer)
Figure 11.10	Viewpoint 5 – Beechwood Farm Carvery (Summer)

Figure 11.11	Viewpoint 6 – Sunk Island Footpath (Summer)
Figure 11.12	Viewpoint 7 – Immingham South Footpath (Summer)
Figure 11.13	Viewpoint 8 – Mauxhall Farm Footpath (Summer)
Figure 11.14	Viewpoint 9 – Middle Drain Footpath (Summer)
Figure 11.15	Note: Viewpoint 10 photograph omitted as this viewpoint was discounted from the visual impact assessment (see Appendix 11B, PEI Report Volume III)
Figure 11.16	Viewpoint 1 Farmshop Hotel (North-East), Stallingborough – Photomontage and Wireframe for Indicative Concept Layout
Figure 11.17	Viewpoint 5 Beechwood Farm Carvery (North) – Photomontage and Wireframe for Indicative Concept Layout
Figure 11.18	Viewpoint 7 Immingham South Footpath (South-East) – Photomontage and Wireframe for Indicative Concept Layout
Figure 11.19	Viewpoint 9 Middle Drain Footpath (South-East) – Photomontage and Wireframe for Indicative Concept Layout
Figure 13.1	Heritage Assets within the 3 km and 5 km Study Area
Figure 14.1	Key Watercourses and Flow Direction
Figure 17.1	Cumulative Developments (Short List)

File Name: \\ukds2jprsv001\LE_Projects\Newproj\60580855 - Project Kola aka SHBECCAD_GIS\Workspace\PER\11.1_Potential_Viewpoint_Locations.mxd



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LEGEND

- Application Boundary
- Application Boundary - 5km Buffer
- Registered Park and Garden
- North East Lincolnshire Landscape Type
 - Industrial Landscape
 - Open Farmland
 - Urban
 - Wooded Open Farmland
- East Riding of Yorkshire Landscape Type
 - Low Lying Drained Farmland

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Purpose of Issue
PEI REPORT

Client
**EP WASTE
MANAGEMENT LIMITED**

Project Title
**SOUTH HUMBER BANK
ENERGY CENTRE DCO**

Application Document Ref
**LANDSCAPE TYPES
AND DESIGNATIONS**

Drawn LC	Checked HT	Approved LK	Date 16/10/2019
AECOM Internal Project No. 60580855		Scale @ A3 1:50,000	

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FIGURE 11.2

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LEGEND

- Application Boundary
- Application Boundary - 5km Buffer
- Public Rights of Way

Topography
Value

High : 27.72

Low : -2.14

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PUBLIC RIGHTS OF WAY
AND TOPOGRAPHY

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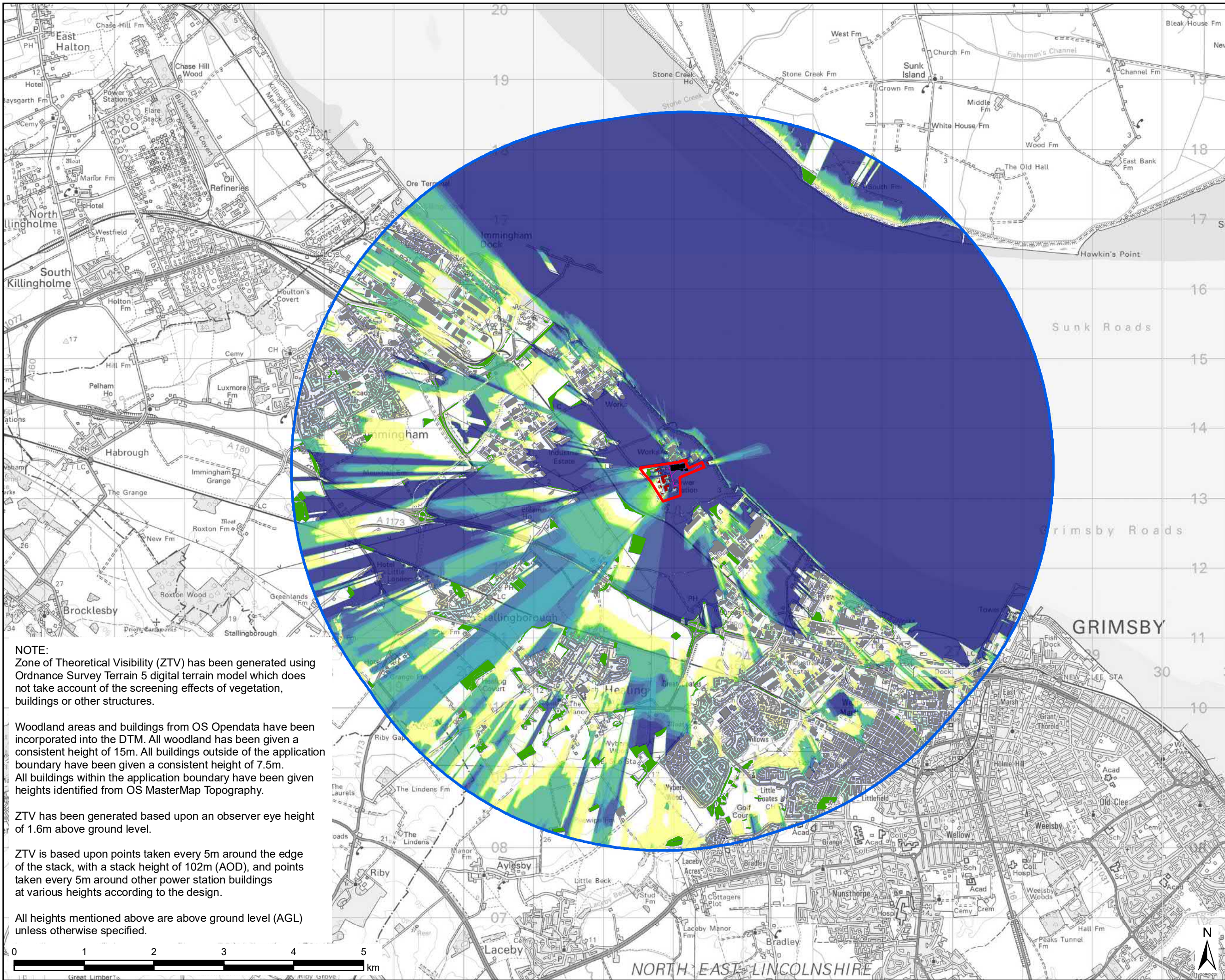
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FIGURE 11.3

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NOTE:
Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 digital terrain model which does not take account of the screening effects of vegetation, buildings or other structures.

Woodland areas and buildings from OS Opendata have been incorporated into the DTM. All woodland has been given a consistent height of 15m. All buildings outside of the application boundary have been given a consistent height of 7.5m. All buildings within the application boundary have been given heights identified from OS MasterMap Topography.

ZTV has been generated based upon an observer eye height of 1.6m above ground level.

ZTV is based upon points taken every 5m around the edge of the stack, with a stack height of 102m (AOD), and points taken every 5m around other power station buildings at various heights according to the design.

All heights mentioned above are above ground level (AGL) unless otherwise specified.

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- LEGEND**
- Application Boundary
 - Application Boundary - 5km Buffer
 - Energy Centre
 - Main Development Area
 - Building - Height of 7.5m
 - Building - Various heights from OS MasterMap
 - Woodland - Height of 15m
 - Zone of Theoretical Visibility (% visible)
 - 10%
 - 20%
 - 30%
 - 40%
 - 50%
 - 60%
 - 70%
 - 80%
 - 90%
 - 100%

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Project Title
SOUTH HUMBER BANK
ENERGY CENTRE DCO

Application Document Ref
ZONE OF THEORETICAL
VISIBILITY (ZTV)
ENERGY CENTRE AND STACK

Drawn LC	Checked HT	Approved LK	Date 17/10/2019
AECOM Internal Project No. 60580855		Scale @ A3 1:50,000	

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FIGURE 11.4

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ID	Name
1	Farmshop Hotel A180
2	Brickfield House, South Marsh Rd
3	Carr Lane Footpath
4	Cress Cottage
5	Beechwood Farm Carvery
6	Sunk Island
7	Immingham south
8	Mauxhall Farm
9	Middle Drain

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- LEGEND**
- Application Boundary
 - Application Boundary - 5km Buffer
 - ★ Representative Viewpoint Location

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Application Document Ref
FINAL VIEWPOINT
LOCATIONS

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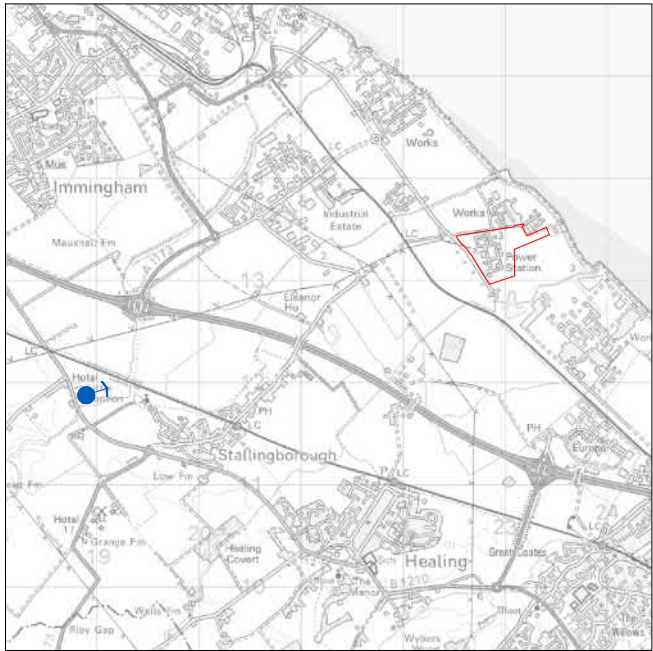
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FIGURE 11.5

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ISO A3 297mm x 420mm
Last saved by: CHRISTINE STANNAGE
Last Plotted: 2019-10-17
Filename: F:\PROPOSALS\LANDSCAPE\VIEW\REBECA\FIGURE 11.06-11.15 VIEWPOINT.DWG

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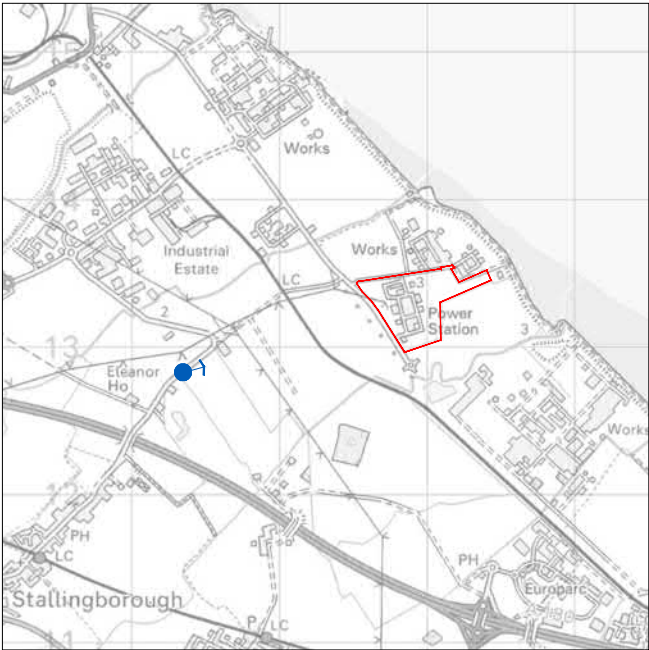
OS Grid Reference (X,Y): 518804, 411844
Elevation (Altitude of Camera): 14.8 m
Receptor Type: Hotel, Business
Direction of View: North East
Distance to Proposed Site: 4.42 km
Date and time: 26.07.2018, 09:11 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor
Application Boundary

Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 1 - FARMSHOP HOTEL A180 (SUMMER)			
Drawn MN	Checked HT	Approved RC	Date 20-08-2018
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FIGURE 11.6			1




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OS Grid Reference (X,Y): 521293, 412788
Elevation (Altitude of Camera): 10.1 m
Receptor Type: Residential
Direction of View: North East
Distance to Proposed Site: 1.77 km
Date and time: 26.07.2018, 09:42 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor
Application Boundary


Purpose of Issue			
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Client			
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Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 2 - BRICKFIELD HOUSE (SUMMER)			
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AECOM Internal Project No. 60580855		Scale @ A3 N.T.S	
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FIGURE 11.7			1



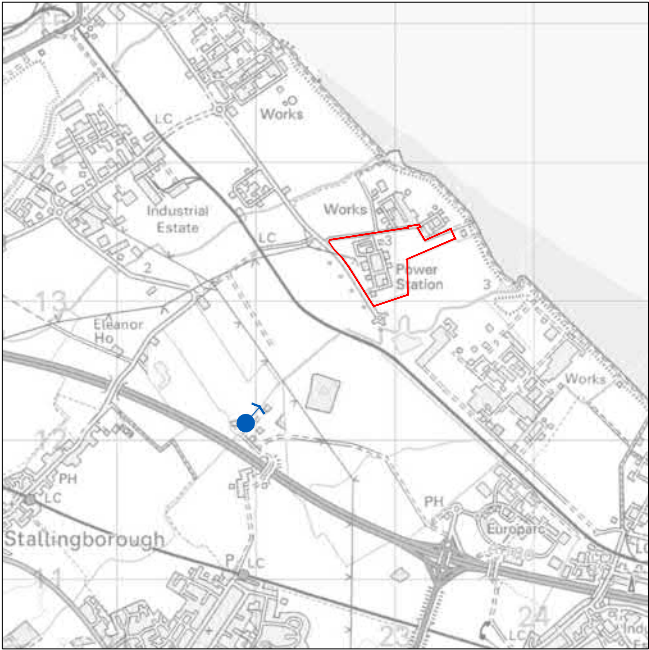


OS Grid Reference (X,Y): 521096, 412143
Elevation (Altitude of Camera): 5.7 m
Receptor Type: PRow
Direction of View: North East
Distance to Proposed Site: 5.7 km
Date and time: 26.07.2018, 09:27 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor
Application Boundary

Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 3 - CARR LANE FOOTPATH (SUMMER)			
Drawn MN	Checked HT	Approved RC	Date 20-08-2018
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Drawing Number			Rev
FIGURE 11.8			1





OS Grid Reference (X,Y): 521902, 412050
Elevation (Altitude of Camera): 0.4 m
Receptor Type: Residential
Direction of View: North East
Distance to Proposed Site: 1.65 km
Date and time: 26.07.2018, 10:42 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor
Application Boundary


Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 4 - CRESS COTTAGE (SUMMER)			
Drawn CT	Checked RC	Approved KC	Date 01-10-2019
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FIGURE 11.9			2



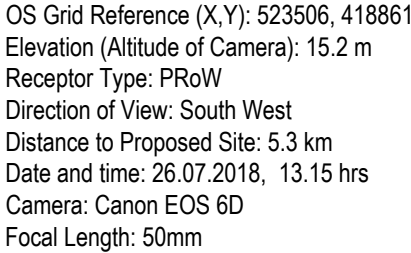
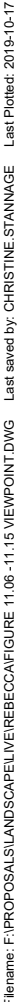


OS Grid Reference (X,Y): 523357, 411478
Elevation (Altitude of Camera): 16.7 m
Receptor Type: Hotel, Business
Direction of View: North
Distance to Proposed Site: 1.85 km
Date and time: 26.07.2018, 08:28 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor
Application Boundary

Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 5 - BEECHWOOD FARM CARVERY			
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FIGURE 11.10			1






Application Boundary

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1



OS Grid Reference (X,Y): 518577, 413771
Elevation (Altitude of Camera): 8.1 m
Receptor Type: PRow
Direction of View: South East
Distance to Proposed Site: 4.35 km
Date and time: 26.07.2018, 08.48 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

- ←● Location of visual receptor
- Application Boundary

Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 7 - IMMINGHAM SOUTH FOOTPATH (SUMMER)			
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Drawing Number			Rev
FIGURE 11.12			1






OS Grid Reference (X,Y): 519177, 413200
Elevation (Altitude of Camera): 4.0 m
Receptor Type: PRow
Direction of View: East
Distance to Proposed Site: 3.75 km
Date and time: 26.07.2018, 08.34 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor

Application Boundary

Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 8 - MAUXHALL FARM FOOTPATH (SUMMER)			
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FIGURE 11.13			1





OS Grid Reference (X,Y): 522276, 413642
Elevation (Altitude of Camera): 6.4 m
Receptor Type: PRow
Direction of View: South East
Distance to Proposed Site: 0.65 km
Date and time: 26.07.2018, 09.56 hrs
Camera: Canon EOS 6D
Focal Length: 50mm

Location of visual receptor
Application Boundary

Purpose of Issue			
PEI REPORT			
Client			
EP WASTE MANAGEMENT LIMITED			
Project Title			
SOUTH HUMBER BANK ENERGY CENTRE DCO			
Drawing Title			
VIEWPOINT 9 - MIDDLE DRAIN FOOTPATH (SUMMER)			
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Drawing Number			Rev
FIGURE 11.14			1





Existing Baseline Photograph



Photomontage



Wireframe

Viewpoint:	1	Camera:	Nikon D3100
Location:	Farmshop Hotel	Lens:	50 mm
Eye Level:	Eye_level	Camera height:	1.5m
OS reference:	518804, 411844	Field of view:	72°
Direction of view:	North East	Date & time:	26.07.2018, 09:11 hrs
Distant to site:	4.42 km	Image size:	145 mm x 650 mm
		Paper size:	594 mm x 841 mm

Extent of central 50mm frame used to construct panorama

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Purpose of Issue

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MANAGEMENT LIMITED

Project Title

SOUTH HUMBER BANK
ENERGY CENTRE DCO

Drawing Title

VIEWPOINT 1 FARMSHOP HOTEL (NORTH
EAST), STALLINGBOROUGH -
PHOTOMONTAGE AND WIREFRAME FOR
INDICATIVE CONCEPT LAYOUT

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Drawing Number

Figure 11.16

Rev



Existing Baseline Photograph



Photomontage



Wireframe

Viewpoint:	5	Camera:	Nikon D3100
Location:	Beechwood Farm Carvery	Lens:	50 mm
Eye Level:	Eye_level	Camera height:	1.5m
OS reference:	523357, 411478	Field of view:	72°
Direction of view:	North	Date & time:	26.07.2018, 08:28 hrs
Distant to site:	1.85 km	Image size:	145 mm x 650 mm
		Paper size:	594 mm x 841 mm

Extent of central 50mm frame used to construct panorama

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Purpose of Issue

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Project Title

SOUTH HUMBER BANK ENERGY CENTRE DCO

Drawing Title

VIEWPOINT 5 BEECHWOOD FARM CARVERY (NORTH) - PHOTOMONTAGE AND WIREFRAME FOR INDICATIVE CONCEPT LAYOUT

Drawn MN	Checked HT	Approved RC	Date 11/10/2019
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Figure 11.17	

ISO A1 594mm x 841mm

Filename: K:\NEWPROJECT\60580855 - PROJECT KOALA AKA SHBEC\CAD_GIS\DRAWINGS\PHOTOMONTAGE FIGURES.DWG Last saved by: CHLOE TEMPLE Last Plotted: 2019-10-23



Existing Baseline Photograph



Photomontage



Wireframe

Viewpoint:	7	Camera:	Nikon D3100
Location:	Immingham South Footpath	Lens:	50 mm
Eye Level:	Eye_level	Camera height:	1.5m
OS reference:	518577, 413771	Field of view:	72°
Direction of view:	South East	Date & time:	26.07.2018, 08:48 hrs
Distant to site:	4.35 km	Image size:	145 mm x 650 mm
		Paper size:	594 mm x 841 mm

Extent of central 50mm frame used to construct panorama

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Purpose of Issue
PEI REPORT

Client
EP WASTE
MANAGEMENT LIMITED

Project Title
SOUTH HUMBER BANK
ENERGY CENTRE DCO

Drawing Title
VIEWPOINT 7 IMMINGHAM SOUTH
FOOTPATH (SOUTH EAST) -
PHOTOMONTAGE AND WIREFRAME FOR
INDICATIVE CONCEPT LAYOUT

Drawn MN	Checked HT	Approved RC	Date 11/10/2019
AECOM Internal Project No. 60580855		Scale @ A1 N.T.S	

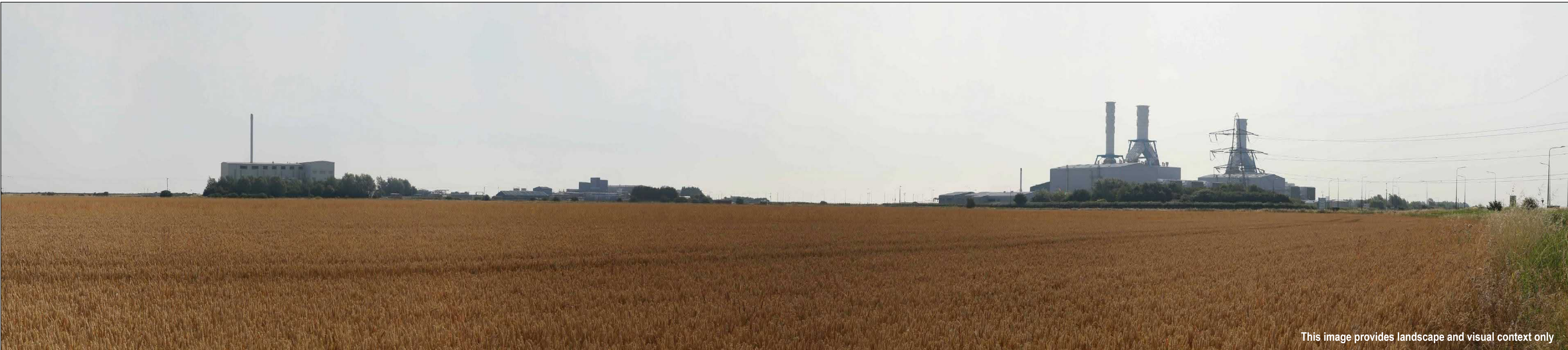
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Drawing Number
Figure 11.18

Rev

ISO A1 594mm x 841mm



This image provides landscape and visual context only



Viewpoint: 9

Location: Middle Drain Footpath

Eye Level: Eye_level

OS reference: 522276, 413642

Direction of view: South East

Distant to site: 0.65 km

Camera: Nikon D3100

Lens: 50 mm

Camera height: 1.5m

Field of view: 72°

Date & time: 26.07.2018, 09:56 hrs

Image size: 145 mm x 650 mm

Paper size: 594 mm x 841 mm

Extent of central 50mm frame used to construct panorama

Existing Baseline Photograph

Photomontage

Wireframe

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Purpose of Issue
PEI REPORT

Client
EP WASTE
MANAGEMENT LIMITED

Project Title
SOUTH HUMBER BANK
ENERGY CENTRE DCO

Drawing Title
VIEWPOINT 9 MIDDLE DRAIN FOOTPATH
(SOUTH EAST) - PHOTOMONTAGE AND
WIREFRAME FOR INDICATIVE CONCEPT
LAYOUT

Drawn MN	Checked HT	Approved RC	Date 11/10/2019
AECOM Internal Project No. 60580855		Scale @ A1 N.T.S	

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Drawing Number
Figure 11.19

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Filename: K:\NEWPROJ\60580855 - PROJECT KOALA AKA SHBEC\CAD_GIS\DRAWINGS\PHOTOMONTAGE FIGURES.DWG Last saved by: CHLOE TEMPLE Last Plotted: 2019-10-23