Outer Dowsing Offshore Wind
Preliminary Environmental
Information Report
Volume 2, Appendix 28.1:
Landscape and Visual Assessment
Visualisations Wirelines
Part 2 of 2

Date: June 2023

Outer Dowsing Document No: 6.2.28.1

Internal Reference: PP1-ODOW-DEV-CS-REP-0076

Rev: V1.0





OS reference: 527466E
Eye level: 6m AOD
Direction of view: 72°
Distance to site: 0.7 km 6m AOD

Horizontal field of view:
Principal distance:
Paper size: 812.5 mm 841 x 297 mm (half A1) Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 13:27:23

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.38b - Proposed Substation (Maximum Design Scenario)
Weston Marsh North Viewpoint 3: A16 at Surfleet Bank junction



OS reference: Eye level: Direction of view: Distance to site:

6m AOD

Horizontal field of view:
Principal distance:
Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 13:27:23

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.38c - Proposed Substation (Maximum Design Scenario) with Mitigation Planting (15 Years Growth)

Weston Marsh North Viewpoint 3: A16 at Surfleet Bank junction



OS reference: 528743E .
Eye level: 9 m AOD
Direction of view: 332°
Distance to site: 0.7 km 528743E 330263N 9 m AOD

Horizontal field of view:
Principal distance:
Paper size: 53.5° (planar projection) Principal distance: 812.5 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m

Enlargement Factor: 150% @A1

Date and time: 08/10/2022, 12:42:24

Figure 28.39a - Existing Weston Marsh North Viewpoint 4: Macmillan Way at Surfleet Bank



OS reference: 52874
Eye level: 9 m A
Direction of view: 332° 9 m AOD **Distance to site:** 0.7 km

Horizontal field of view: 53.5° (planar projection) Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size:

Correct printed image size: 820 x 260 mm

Camera height: 1.5 m

Date and time: 08/10/2022, 12:42:24

Canon EF 50mm f/1.4

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.39b - Proposed Substation (Maximum Design Scenario) Weston Marsh North Viewpoint 4: Macmillan Way at Surfleet Bank



Eye level: 9 m A Direction of view: 332° 9 m AOD **Distance to site:** 0.7 km

812.5 mm 841 x 297 mm (half A1)

Principal distance: Paper size: Correct printed image size: 820 x 260 mm Camera height: 1.5 m

Canon EF 50mm f/1.4

Date and time: 08/10/2022, 12:42:24

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.39c - Proposed Substation (Maximum Design Scenario) with Mitigation Planting (15 Years Growth) Weston Marsh North Viewpoint 4: Macmillan Way at Surfleet Bank



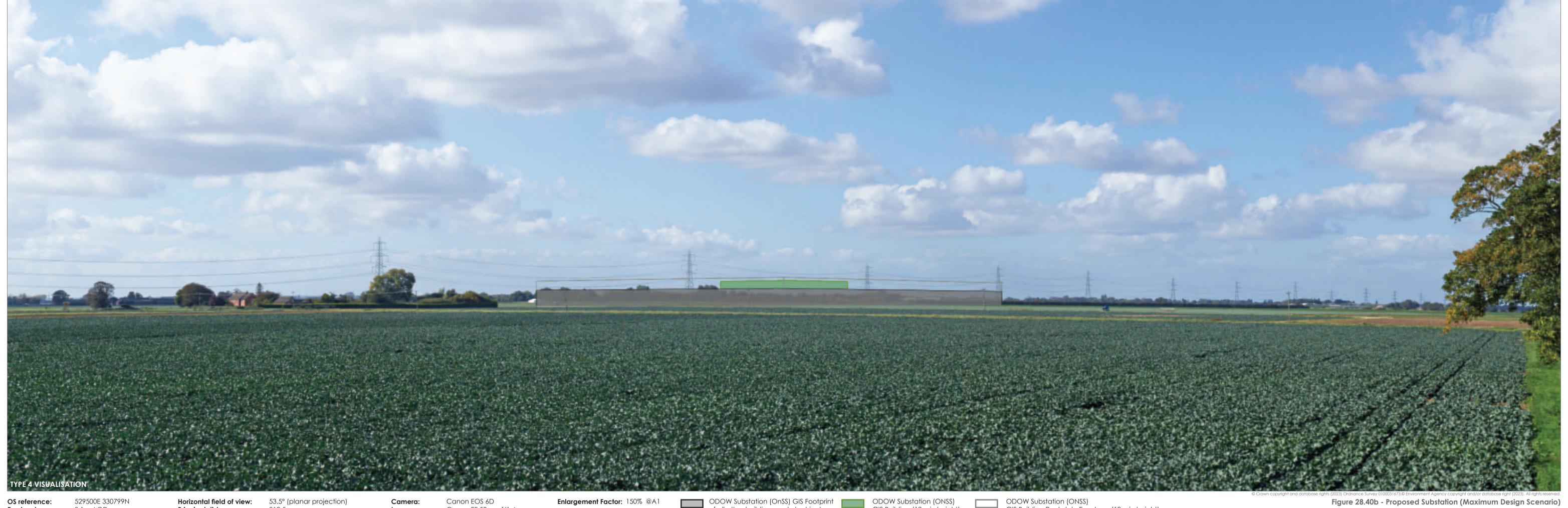
OS reference: 52950
Eye level: 9.1m /
Direction of view: 282°
Distance to site: 1 km

529500E 330799N 9.1m AOD

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 12:58:41

Figure 28.40a - Existing Weston Marsh North Viewpoint 5: Macmillan Way near Welland House Farm



OS reference: 52950
Eye level: 9.1m
Direction of view: 282° 9.1m AOD Distance to site:

Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m

Date and time: 08/10/2022, 12:58:41

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Weston Marsh North Viewpoint 5: Macmillan Way near Welland House Farm



Distance to site:

OS reference: 52950
Eye level: 9.1m
Direction of view: 282° 9.1m AOD

Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Camera height: 1.5 m

Date and time: 08/10/2022, 12:58:41

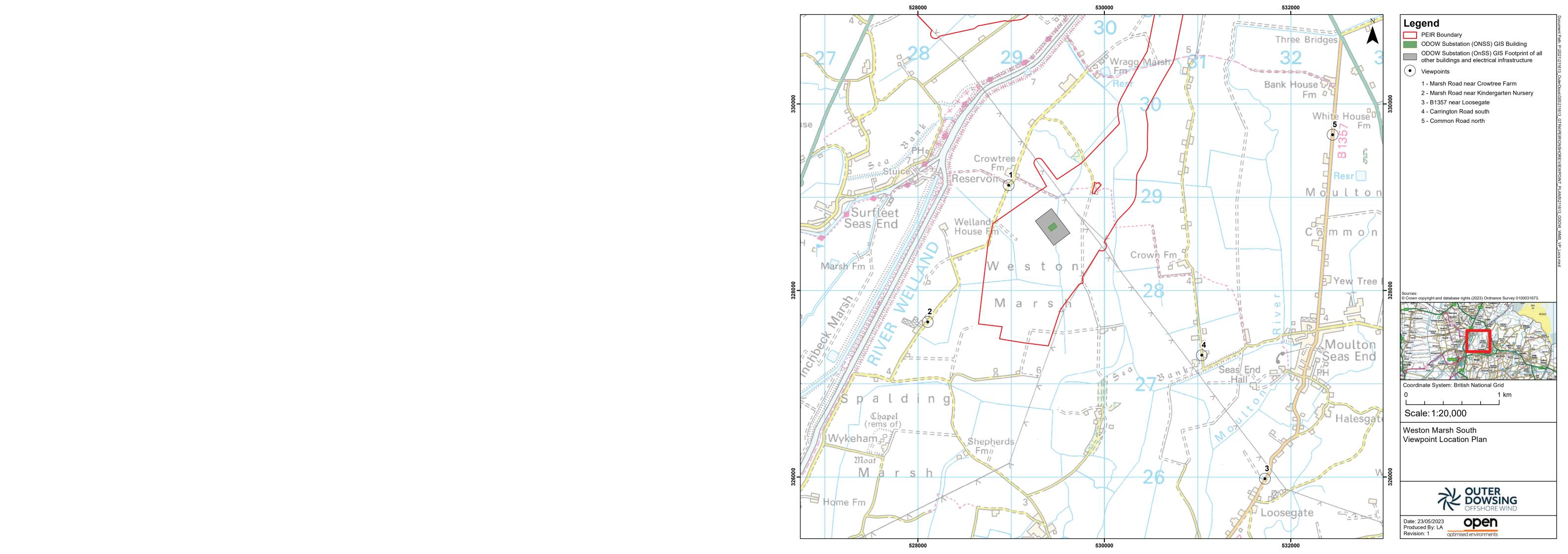
Canon EF 50mm f/1.4

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (UNSS)
GIS Building Rochdale Envelope (19m in height)

Weston Marsh North Viewpoint 5: Macmillan Way near Welland House Farm





OS reference: 528973E 329127N
Eye level: 5.3m AOD
Direction of view: 133°
Distance to site: 0.5 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 11:33:41

Figure 28.41a - Existing
Weston Marsh South Viewpoint 1: Marsh Road near Crowtree Farm
OUTER DOWSING OFFSHORE WIND



OS reference: 528973E
Eye level: 5.3m AC
Direction of view: 133°
Distance to site: 0.5 km 5.3m AOD

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

812.5 mm 841 x 297 mm (half A1)

Canon EF 50mm f/1.4 Camera height: 1.5 m

Date and time: 08/10/2022, 11:33:41

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.41b - Proposed Substation (Maximum Design Scenario)
Weston Marsh South Viewpoint 1: Marsh Road near Crowtree Farm



OS reference: 528973E
Eye level: 5.3m AC
Direction of view: 133°
Distance to site: 0.5 km 5.3m AOD

Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Date and time: 08/10/2022, 11:33:41

Canon EF 50mm f/1.4 Camera height: 1.5 m

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Weston Marsh South Viewpoint 1: Marsh Road near Crowtree Farm



OS reference: Eye level: Direction of view: Distance to site:

528104E 327664N 5.6m AOD

Horizontal field of view: 53.5° (planar projection)

Principal distance: 812.5 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 11:41:29

Enlargement Factor: 150% @A1

Figure 28.42a - Existing
Weston Marsh South Viewpoint 2: Marsh Road near Kindergarten Nursery
OUTER DOWSING OFFSHORE WIND



OS reference: 528104E Eye level: 5.6m AO Direction of view: 53° Distance to site: 1.6 km 5.6m AOD Horizontal field of view: Principal distance: Paper size: 812.5 mm 841 x 297 mm (half A1) Correct printed image size: 820 x 260 mm

Canon EOS 6D Canon EF 50mm f/1.4

Camera height: 1.5 m **Date and time:** 08/10/2022, 11:41:29

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.42b - Proposed Substation (Maximum Design Scenario)
Weston Marsh South Viewpoint 2: Marsh Road near Kindergarten Nursery



Distance to site:

OS reference: Eye level: Direction of view: 5.6m AOD Horizontal field of view: Principal distance: Paper size: 812.5 mm 841 x 297 mm (half A1) Correct printed image size: 820 x 260 mm

Canon EF 50mm f/1.4

Camera height: 1.5 m **Date and time:** 08/10/2022, 11:41:29 ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.42c - Proposed Substation (Maximum Design Scenario) with Mitigation Planting (15 Years Growth)

Weston Marsh South Viewpoint 2: Marsh Road near Kindergarten Nursery



OS reference: 531721E Eye level: 4.7m AO Direction of view: 320° Distance to site: 3.4 km

531721E 325982N 4.7m AOD

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 11:14:23

Enlargement Factor: 150% @A1

Figure 28.43a - Existing
Weston Marsh South Viewpoint 3: B1357 near Loosegate
OUTER DOWSING OFFSHORE WIND



OS reference: 531721E Eye level: 4.7m AO Direction of view: 320° Distance to site: 3.4 km 4.7m AOD Horizontal field of view:
Principal distance:
Paper size: 812.5 mm 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Camera height: 1.5 m

Date and time: 08/10/2022, 11:14:23

Canon EOS 6D Canon EF 50mm f/1.4

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.43b - Proposed Substation (Maximum Design Scenario)
Weston Marsh South Viewpoint 3: B1357 near Loosegate



OS reference: 531721E
Eye level: 4.7m AC
Direction of view: 320°
Distance to site: 3.4 km 4.7m AOD Horizontal field of view:
Principal distance:
Paper size: 812.5 mm 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Canon EOS 6D Canon EF 50mm f/1.4 Camera height: 1.5 m

Date and time: 08/10/2022, 11:14:23

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.43c - Proposed Substation (Maximum Design Scenario) with Mitigation Planting (15 Years Growth) Weston Marsh South Viewpoint 3: B1357 near Loosegate



OS reference: 531045E style level: 5.6m AO Direction of view: 311°
Distance to site: 1.9 km

531045E 327306N 5.6m AOD

Horizontal field of view:
Principal distance:
Paper size: 53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Canon EOS 6D Canon EF 50mm f/1.4

Camera height: 1.5 m **Date and time:** 08/10/2022, 10:40:03 Enlargement Factor: 150% @A1

Figure 28.44a - Existing
Weston Marsh South Viewpoint 4: Carrington Road south
OUTER DOWSING OFFSHORE WIND



OS reference:

Eye level: 5.6m Direction of view: 311° 5.6m AOD **Distance to site:** 1.9 km

Horizontal field of view: Principal distance: 812.5 mm Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection)

841 x 297 mm (half A1)

Canon EOS 6D Canon EF 50mm f/1.4

Camera height: 1.5 m **Date and time:** 08/10/2022, 10:40:03

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.44b - Proposed Substation (Maximum Design Scenario)
Weston Marsh South Viewpoint 4: Carrington Road south



Eye level:

5.6m AOD Direction of view: 311° **Distance to site:** 1.9 km

Horizontal field of view: Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m

Date and time: 08/10/2022, 10:40:03

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.44c - Proposed Substation (Maximum Design Scenario) with Mitigation Planting (15 Years Growth) Weston Marsh South Viewpoint 4: Carrington Road south



OS reference: 532449
Eye level: 5.6m A
Direction of view: 252°
Distance to site: 3 km

532449E 329670N 5.6m AOD

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 08/10/2022, 10:14:47

Enlargement Factor: 150% @A1

Figure 28.45a - Existing
Weston Marsh South Viewpoint 5: B1357 Common Road north
OUTER DOWSING OFFSHORE WIND



OS reference: Eye level: Direction of view: Distance to site:

5.6m AOD

Horizontal field of view: Principal distance: Paper size: 812.5 mm 841 x 297 mm (half A1) Correct printed image size: 820 x 260 mm

Date and time: 08/10/2022, 10:14:47

Camera: Canon EOS 6D
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS)
GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Figure 28.45b - Proposed Substation (Maximum Design Scenario)
Weston Marsh South Viewpoint 5: B1357 Common Road north



OS reference: Eye level: Direction of view: Distance to site:

5.6m AOD

Horizontal field of view: Principal distance: Paper size: 812.5 mm 841 x 297 mm (half A1) Correct printed image size: 820 x 260 mm

Camera height: 1.5 m **Date and time:** 08/10/2022, 10:14:47

Canon EOS 6D Canon EF 50mm f/1.4

ODOW Substation (OnSS) GIS Footprint of all other buildings and electrical infrastructure (12m in height)

ODOW Substation (ONSS) GIS Building (19m in height)

ODOW Substation (ONSS)
GIS Building Rochdale Envelope (19m in height)

Weston Marsh South Viewpoint 5: B1357 Common Road north