

MVV Environment Services Ltd

Energy from Waste Combined Heat and Power Facility, Forties Road, Dundee

Environmental Statement Volume Three

ARUP-REP-ES-Vol3

Issue | 27 October 2016



 **MVV** Environment

ARUP

Figures



Legend

Site Boundary

2km Buffer

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0100031673

I1	25-10-16	CD	CE	JLS
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Issue	Date	By	Chkd	Appd
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Metres

0 245 490 980

ARUP

Scotstoun House
South Queensferry
EH30 9SE
Tel +44131 331 1999
www.arup.com

Client

MVJ Environment Services Limited

Job Title

Energy from Waste Combined Heat and Power Facility, Forties Road, Dundee

Drawing Title

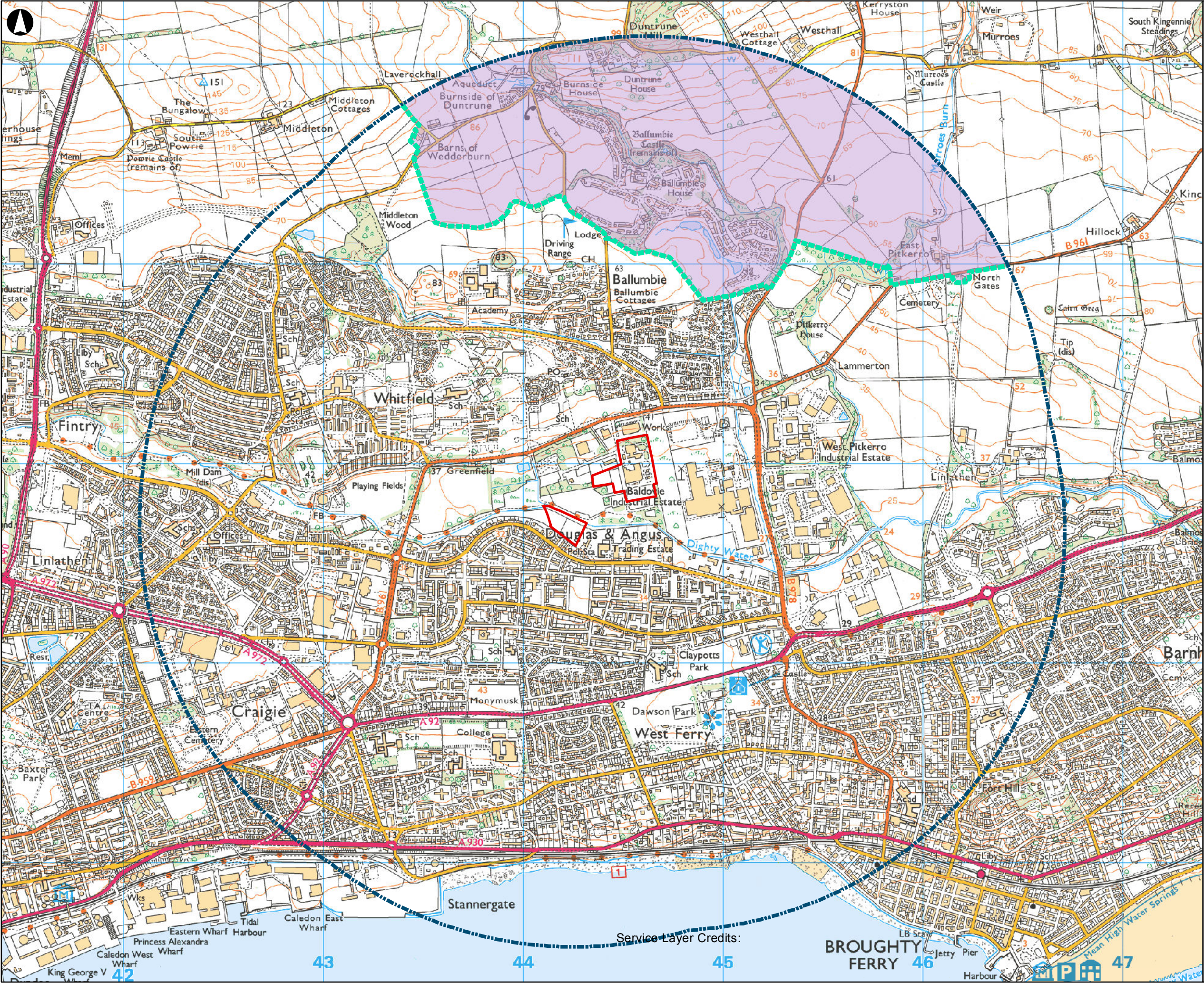
Site Location with 2km Buffer

Scale at A3

1:18,000

Job No	Drawing Status
245510-00	Issue

Drawing No	Issue
Figure 6.1	11



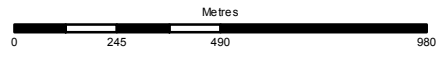
Legend

- Site Boundary
- 2km Buffer
- Study Area for Strategic Landscape Capacity Assessment in Angus
- Regional Character Area Tay 13 (i)

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I1	25-10-16	CD	CE	JLS
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Issue	Date	By	Chkd	Appd
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Client
MVJ Environment Services Limited

Job Title
Energy from Waste Combined Heat and Power Facility, Forties Road, Dundee

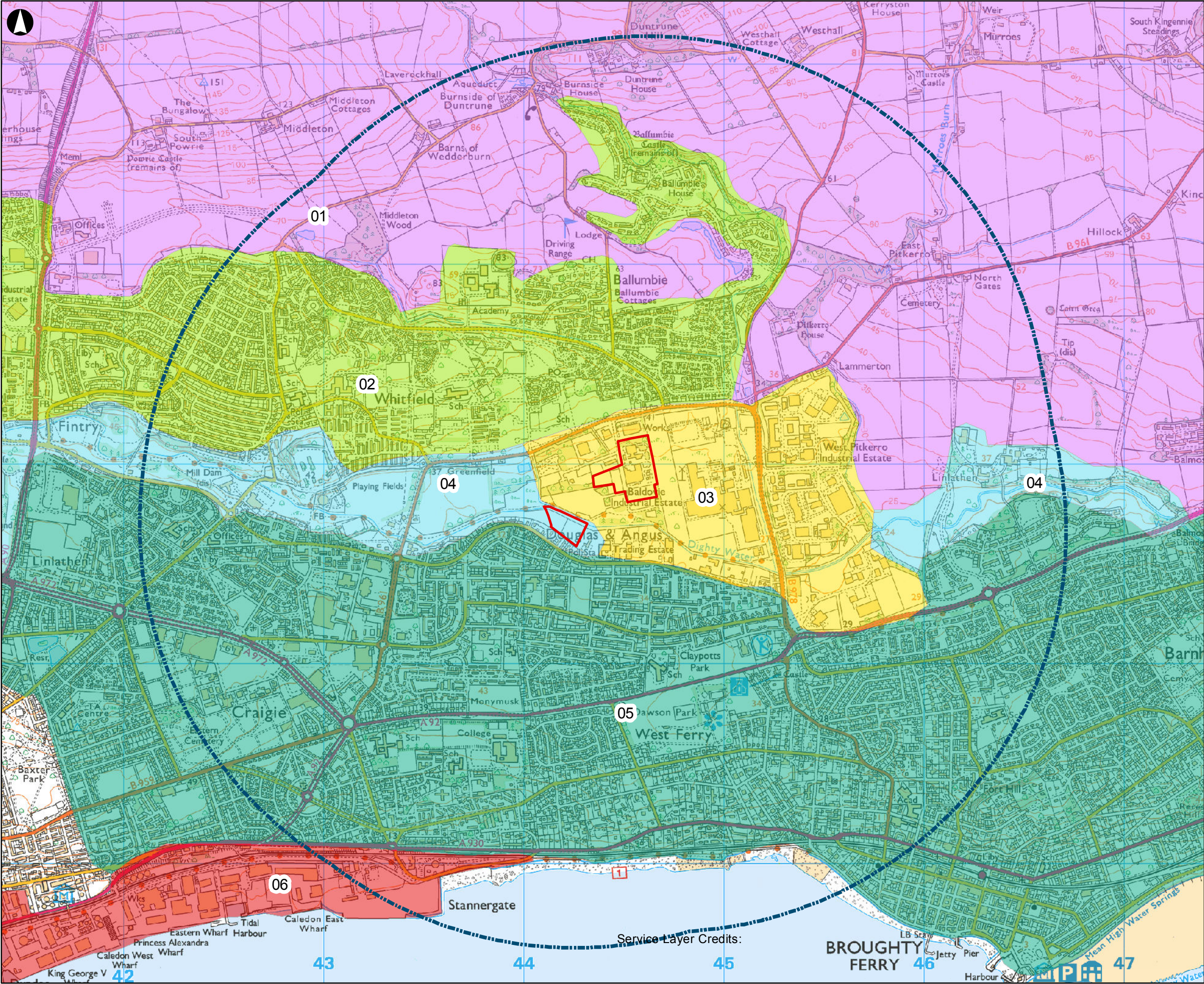
Drawing Title
Regional Character Areas

Scale at A3
1:18,000

Job No 245510-00	Drawing Status Issue
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Drawing No
Figure 6.2

Issue
11



Legend

Site Boundary

2km Buffer

LCA

01 Balumbie Dipslope Farmlands

02 Whitfield Dipslope Residential

03 Dighty Industrial Valley Floor

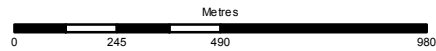
04 Dighty River Corridor

05 Firth Tay Residential

06 Port of Dundee

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Client

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Job Title

Energy from Waste Combined Heat and Power Facility, Forties Road, Dundee

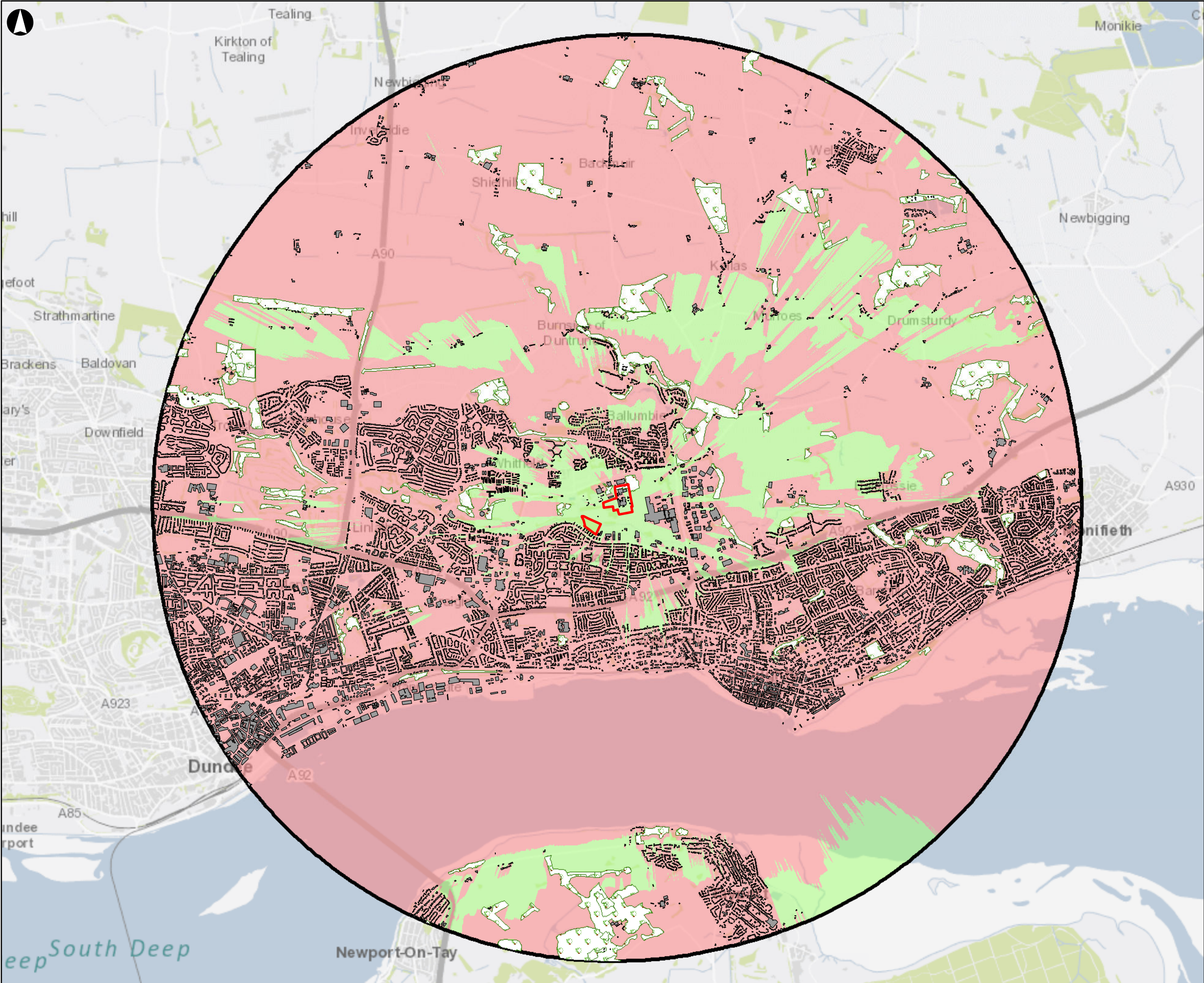
Drawing Title

Local Landscape Character Areas

Scale at A3

1:18,000

Job No	Drawing Status
245510-00	Issue
Drawing No	Issue
Figure 6.3	11



Legend

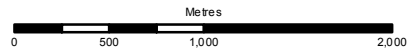
- Site Boundary
- Buildings within 5km of the Site
- Woodland Areas within 5km of the Site
- Boundary showing 5km from the Site

Zone of Theoretical Visibility: Excluding stack

- Site Not Visible
- Site Visible

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Issue	Date	By	Chkd	Appd



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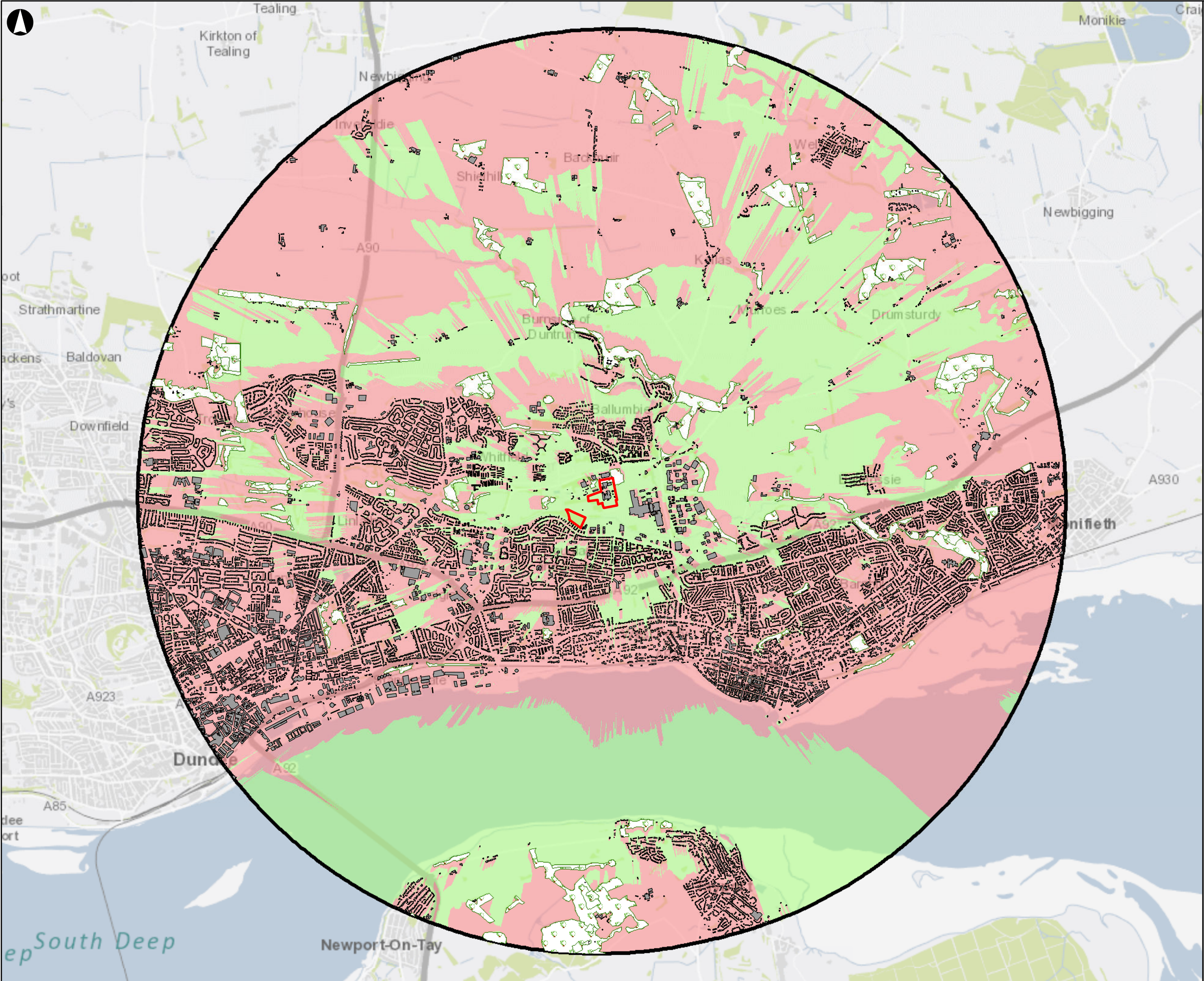
Job Title
Energy from Waste Combined Heat and Power Facility, Forties Road, Dundee

Drawing Title
Zone of Theoretical Visibility: Excluding stack

Scale at A3
1:40,000

Job No 245510-00	Drawing Status Issue
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Drawing No Figure 6.4	Issue I1
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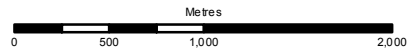


Legend

- Site Boundary
- Buildings within 5km of the Site
- Woodland Areas within 5km of the Site
- Boundary showing 5km from the Site
- Zone of Theoretical Visibility: Including stack**
 - Site Not Visible
 - Site Visible

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Issue	Date	By	Chkd	Appd



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Job Title

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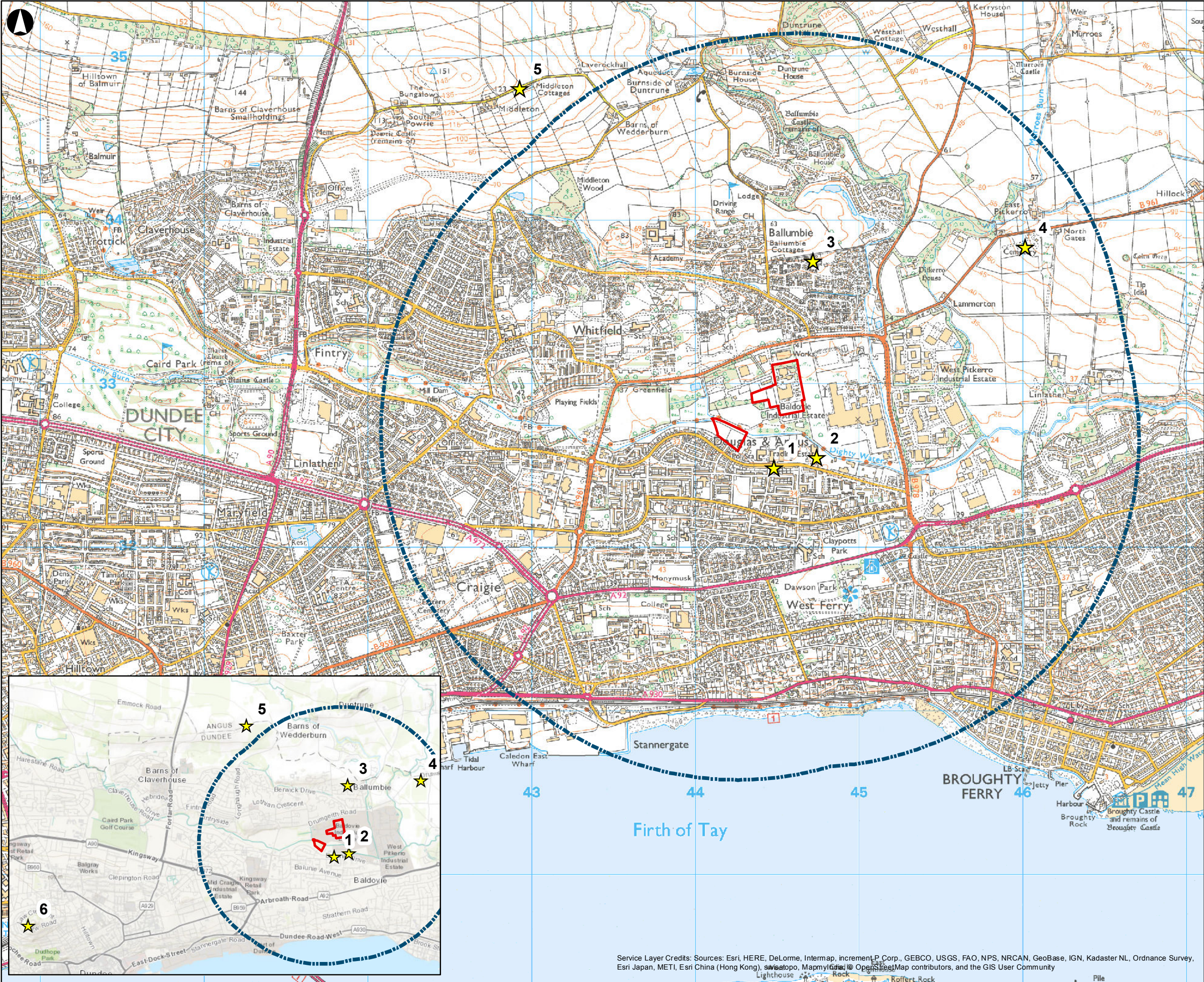
Drawing Title

Zone of Theoretical Visibility: Including stack

Scale at A3

1:40,000

Job No	Drawing Status	Issue
245510-00	Issue	I1
Drawing No	Figure 6.5	



Legend

- Site Boundary
- 2km Buffer
- Viewpoints

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I1	25-10-16	CD	CE	JLS
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Issue	Date	By	Chkd	Appd
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Metres

02955901,180

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South Queensferry
EH30 9SE
Tel +44131 331 1999
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Client

MVJ Environment Services Limited

Job Title

Energy from Waste Combined Heat and Power Facility, Forties Road, Dundee

Drawing Title

Viewpoints

Scale at A3

1:22,000

Job No	Drawing Status
245510-00	Issue
Drawing No	Issue
Figure 6.6	11

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MCD Location

© Arup

Appendix E.5

Images



E5.1 Viewpoint 1 winter – Balunie Drive - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4812
Longitude: -2.9006
Elevation: 32.581

Date: 22/04/2016
Time: 11:08



E5.2 - Viewpoint 1 winter – Balunie Drive – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4812
Longitude: -2.9006
Elevation: 32.581

Date: 22/04/2016
Time: 11:08



E5.3 - Viewpoint 1 winter – Balunie Drive – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4812
Longitude: -2.9006
Elevation: 32.581

Date: 22/04/2016
Time: 11:08



E5.4 - Viewpoint 1 summer – Balunie Drive - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4813
Longitude: -2.9006
Elevation: 32.29

Date: 23/06/2016
Time: 09:32



E5.5 - Viewpoint 1 summer – Balunie Drive – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4813
Longitude: -2.9006
Elevation: 32.29

Date: 23/06/2016
Time: 09:32



E5.6 - Viewpoint 1 summer – Balunie Drive – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4813
Longitude: -2.9006
Elevation: 32.29

Date: 23/06/2016
Time: 09:32



E5.7 - Viewpoint 2 winter – Dighty Water, Core Path 1E/Green Circular - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4838
Longitude: -2.9083
Elevation: 28.766

Date: 22/04/2016
Time: 11:25



E5.8 - Viewpoint 2 winter – Dighty Water, Core Path 1E/Green Circular – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4838
Longitude: -2.9083
Elevation: 28.766

Date: 22/04/2016
Time: 11:25



E5.9 - Viewpoint 2 winter – Dighty Water, Core Path 1E/Green Circular – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4838
Longitude: -2.9083
Elevation: 28.766

Date: 22/04/2016
Time: 11:25



E5.10 - Viewpoint 2 summer – Dighty Water, Core Path 1E/Green Circular - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4839
Longitude: -2.9083
Elevation: 28.544m

Date: 23/06/2016
Time: 09:44



E5.11 - Viewpoint 2 summer – Dighty Water, Core Path 1E/Green Circular – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4839
Longitude: -2.9083
Elevation: 28.544m

Date: 23/06/2016
Time: 09:44



E5.12 - Viewpoint 2 summer – Dighty Water, Core Path 1E/Green Circular – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4839
Longitude: -2.9083
Elevation: 28.544m

Date: 23/06/2016
Time: 09:44



E5.13 - Viewpoint 3 winter – Traquair Gardens - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.493
Longitude: -2.8977
Elevation: 49.659

Date: 22/04/2016
Time: 10:44



E5.14-Viewpoint 3 winter – Traquair Gardens – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.493
Longitude: -2.8977
Elevation: 49.659

Date: 22/04/2016
Time: 10:44



E5.15 - Viewpoint 3 winter – Traquair Gardens – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.493
Longitude: -2.8977
Elevation: 49.659

Date: 22/04/2016
Time: 10:44



E5.16 - Viewpoint 3 summer – Traquair Gardens - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4931
Longitude: -2.8977
Elevation: 50.205 m

Date: 23/06/2016
Time: 10:14



E5.17 - Viewpoint 3 summer – Traquair Gardens – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4931
Longitude: -2.8977
Elevation: 50.205 m

Date: 23/06/2016
Time: 10:14



E5.18 - Viewpoint 3 summer – Traquair Gardens – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4931
Longitude: -2.8977
Elevation: 50.205 m

Date: 23/06/2016
Time: 10:14



E5.19 - Viewpoint 4 winter – Core Path 23A - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.493
Longitude: -2.878
Elevation: 56.642

Date: 22/04/2016
Time: 10:53



E5.20 - Viewpoint 4 winter – Core Path 23A – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.493
Longitude: -2.878
Elevation: 56.642

Date: 22/04/2016
Time: 10:53



E5.21 - Viewpoint 4 winter – Core Path 23A – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.493
Longitude: -2.878
Elevation: 56.642

Date: 22/04/2016
Time: 10:53



E5.22 - Viewpoint 4 summer – Core Path 23A - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4932
Longitude: -2.878
Elevation: 57.412 m

Date: 23/06/2016
Time: 10:00



E5.23 - Viewpoint 4 summer – Core Path 23A – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4932
Longitude: -2.878
Elevation: 57.412 m

Date: 23/06/2016
Time: 10:00



E5.24 - Viewpoint 4 summer – Core Path 23A – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4932
Longitude: -2.878
Elevation: 57.412 m

Date: 23/06/2016
Time: 10:00



E5.25 - Viewpoint 5 winter – Middleton Farm - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 55 mm
Camera Height: 1.6 m

Latitude: 56.5022
Longitude: -2.9267
Elevation: 118.832

Date: 22/04/2016
Time: 10:31



E5.26-Viewpoint 5 winter – Middleton Farm – Photomontage 55mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 55 mm
Camera Height: 1.6 m

Latitude: 56.5022
Longitude: -2.9267
Elevation: 118.832

Date: 22/04/2016
Time: 10:31



E5.27 - Viewpoint 5 winter – Middleton Farm – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.5022
Longitude: -2.9267
Elevation: 118.832

Date: 22/04/2016
Time: 10:31



E5.28 - Viewpoint 5 summer – Middleton Farm - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm

Latitude: 56.5023
Longitude: -2.9268
Elevation: 119.159 m

Date: 23/06/2016
Time: 10:30



E5.29 - Viewpoint 5 summer – Middleton Farm – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm

Latitude: 56.5023
Longitude: -2.9268
Elevation: 119.159 m

Date: 23/06/2016
Time: 10:30



E5.30 - Viewpoint 5 summer – Middleton Farm – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm

Latitude: 56.5023
Longitude: -2.9268
Elevation: 119.159 m

Date: 23/06/2016
Time: 10:30



E5.31 - Viewpoint 6 winter – Dundee Law - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4703
Longitude: -2.9892
Elevation: 151.338

Date: 22/04/2016
Time: 10:02



E5.32-Viewpoint 6 winter – Dundee Law – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4703
Longitude: -2.9892
Elevation: 151.338

Date: 22/04/2016
Time: 10:02



E5.33 - Viewpoint 6 winter – Dundee Law – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4703
Longitude: -2.9892
Elevation: 151.338

Date: 22/04/2016
Time: 10:02



E5.34 Viewpoint 6 summer – Dundee Law - Baseline

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4702
Longitude: -2.9893
Elevation: 151.484 m

Date: 23/06/2016
Time: 10:53



E5.35 - Viewpoint 6 summer – Dundee Law – Photomontage 50mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 50 mm
Camera Height: 1.6 m

Latitude: 56.4702
Longitude: -2.9893
Elevation: 151.484 m

Date: 23/06/2016
Time: 10:53



E5.36 - Viewpoint 6 summer – Dundee Law – Photomontage 75mm

This image should be viewed at a comfortable arms length (approx. 500mm)

Camera: Canon EOS 6D
Focal length: 75 mm
Camera Height: 1.6 m

Latitude: 56.4702
Longitude: -2.9893
Elevation: 151.484 m

Date: 23/06/2016
Time: 10:53