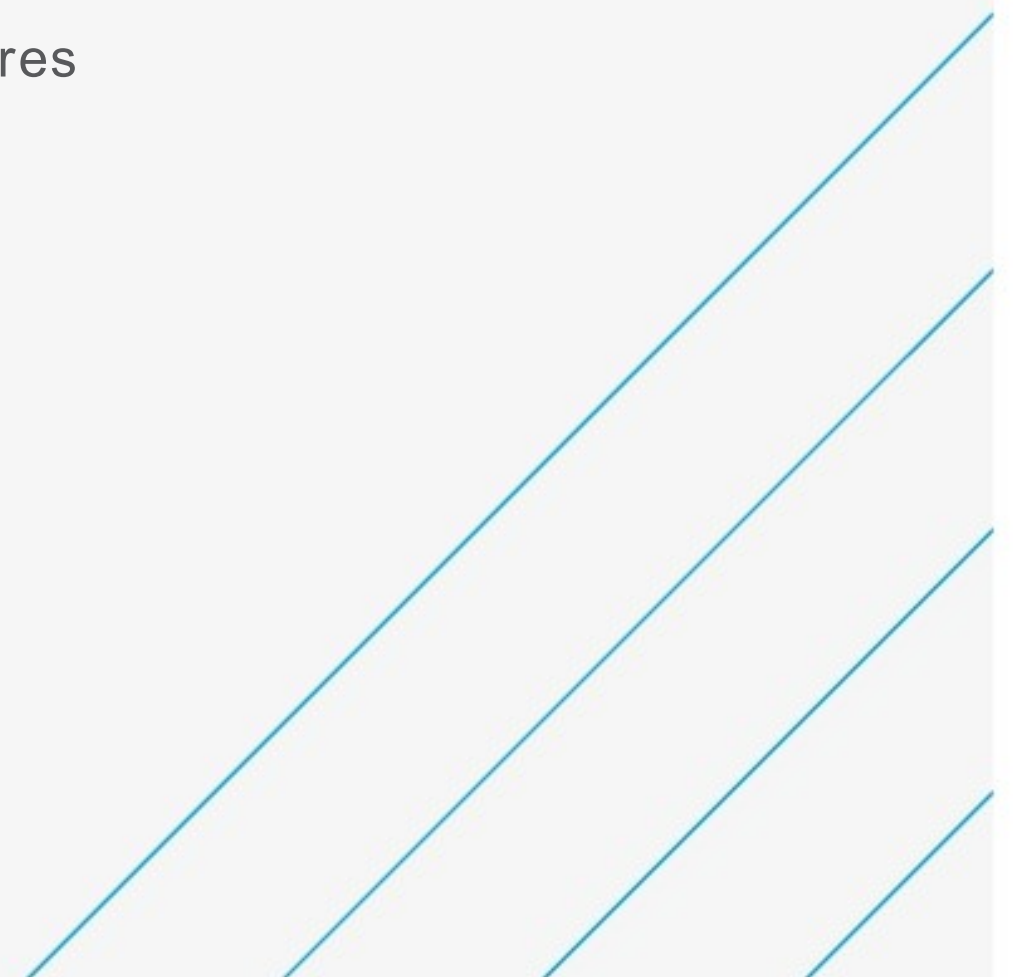


Havant Thicket Reservoir Project

Environmental Statement Volume 3: Chapter 11 Landscape and Visual Figures

Portsmouth Water Ltd.

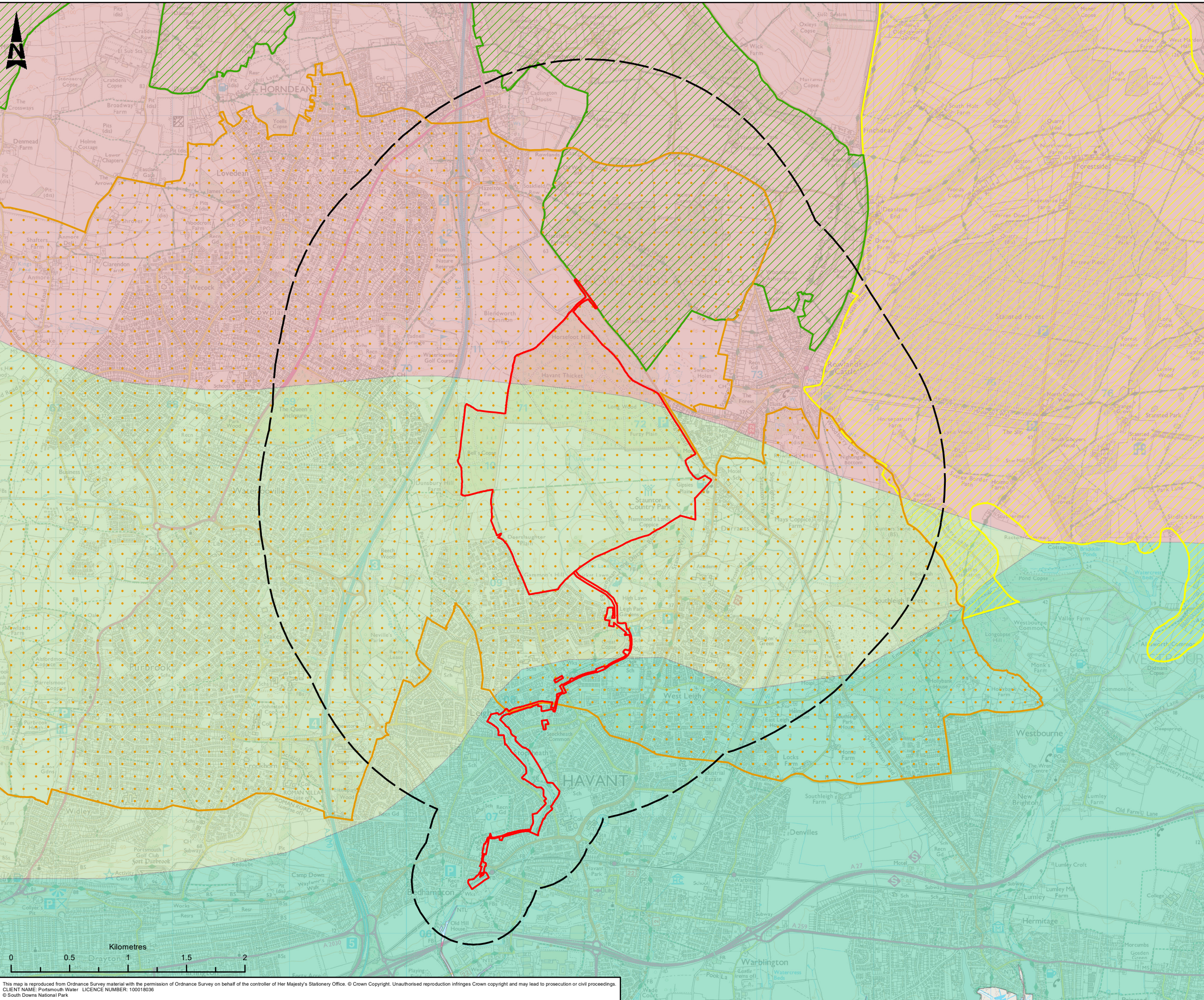
September 2020



Schedule of Drawings included in this application:

Drawing title	Drawing number
Figure 11.1 Local Designations and PRow	HTR-ATK-ZZ-ZZ-GS-Z-0026
Figure 11.2 Landscape Character (National and Regional)	HTR-ATK-ZZ-ZZ-GS-Z-0031
Figure 11.3 Landscape Character (Local)	HTR-ATK-ZZ-ZZ-GS-Z-0029
Figure 11.4 Topography	HTR-ATK-ZZ-ZZ-GS-Z-0030
Figure 11.5 Landscape Area and Elements	HTR-ATK-ZZ-ZZ-GS-Z-0027
Figure 11.6 Key Visual Receptor Locations	HTR-ATK-ZZ-ZZ-GS-Z-0028
Figure 11.7 Zone of Theoretical Visibility	HTR-ATK-ZZ-ZZ-GS-Z-0032
Figure 11.8 Viewpoint Location Plan	HTR-ATK-RZ-RE-DR-L-0001
Figure 11.9 Viewpoint Location Plan Confirmed Views Sheet 1 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.9
Figure 11.10 Viewpoint Photograph Sheets Confirmed Views Sheet 2 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.10
Figure 11.11 Viewpoint Photograph Sheets Confirmed Views Sheet 3 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.11
Figure 11.12 Viewpoint Photograph Sheets Confirmed Views Sheet 4 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.12
Figure 11.13 Viewpoint Photograph Sheets Confirmed Views Sheet 5 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.13
Figure 11.14 Viewpoint Photograph Sheets Confirmed Views Sheet 6 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.14
Figure 11.15 Viewpoint Photograph Sheets Confirmed Views Sheet 7 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.15
Figure 11.16 Viewpoint Photograph Sheets Confirmed Views Sheet 8 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.16
Figure 11.17 Viewpoint Photograph Sheets Confirmed Views Sheet 9 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.17
Figure 11.18 Viewpoint Photograph Sheets Confirmed Views Sheet 10 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.18
Figure 11.19 Viewpoint Photograph Sheets Confirmed Views Sheet 11 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.19
Figure 11.20 Viewpoint Photograph Sheets Confirmed Views Sheet 12 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.20
Figure 11.21 Viewpoint Photograph Sheets Confirmed Views Sheet 13 of 13	HTR-ATK-RZ-RE-DR-L-0002 11.21

Drawing title	Drawing number
Figure 11.22 Viewpoint Location Plan Discounted Views Sheet 1 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.22
Figure 11.23 Viewpoint Photograph Sheets Discounted Views Sheet 2 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.23
Figure 11.24 Viewpoint Photograph Sheets Discounted Views Sheet 3 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.24
Figure 11.25 Viewpoint Photograph Sheets Discounted Views Sheet 4 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.25
Figure 11.26 Viewpoint Photograph Sheets Discounted Views Sheet 5 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.26
Figure 11.27 Viewpoint Photograph Sheets Discounted Views Sheet 6 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.27
Figure 11.28 Viewpoint Photograph Sheets Discounted Views Sheet 7 of 7	HTR-ATK-RZ-RE-DR-L-0003 11.28
Figure 11.29 Photo Visualisation Location Plan Sheet 1 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.29
Figure 11.30 Photo Visualisation Sheets Sheet 2 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.30
Figure 11.31 Photo Visualisation Sheets Sheet 3 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.31
Figure 11.32 Photo Visualisation Sheets Sheet 4 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.32
Figure 11.33 Photo Visualisation Sheets Sheet 5 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.33
Figure 11.34 Photo Visualisation Sheets Sheet 6 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.34
Figure 11.35 Photo Visualisation Sheets Sheet 7 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.35
Figure 11.36 Photo Visualisation Sheets Sheet 8 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.36
Figure 11.37 Photo Visualisation Sheets Sheet 9 of 9	HTR-ATK-RZ-RE-DR-L-0004 11.37



Red Line Boundary

Study Area

Hampshire Country Integrated Character Assessment (2012)

Forest of Bere East

National Character Area Profile (2014)

125: South Downs

126: South Coast Plain

128: South Hampshire Lowlands

South Downs Integrated Landscape Character Assessment (2011)

B3 : Stansted to West Dean Wooded Estate Downland

D2a : Hambledon to Clanfield Downland Mosaic (Enclosed)

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HAVANT THICKET RESERVOIR

Drawing Title

FIGURE 11.2
LANDSCAPE CHARACTER
(NATIONAL AND REGIONAL)

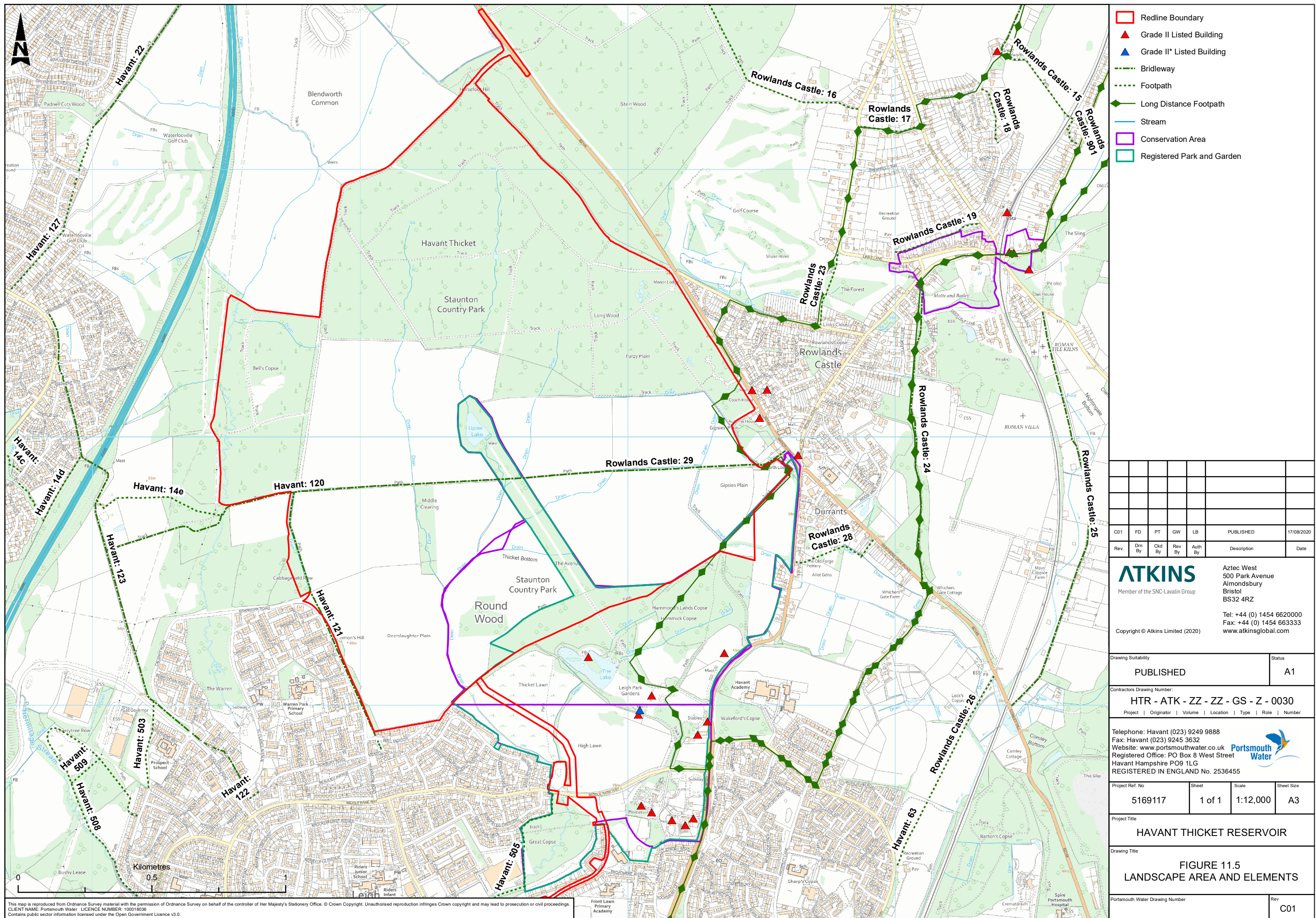
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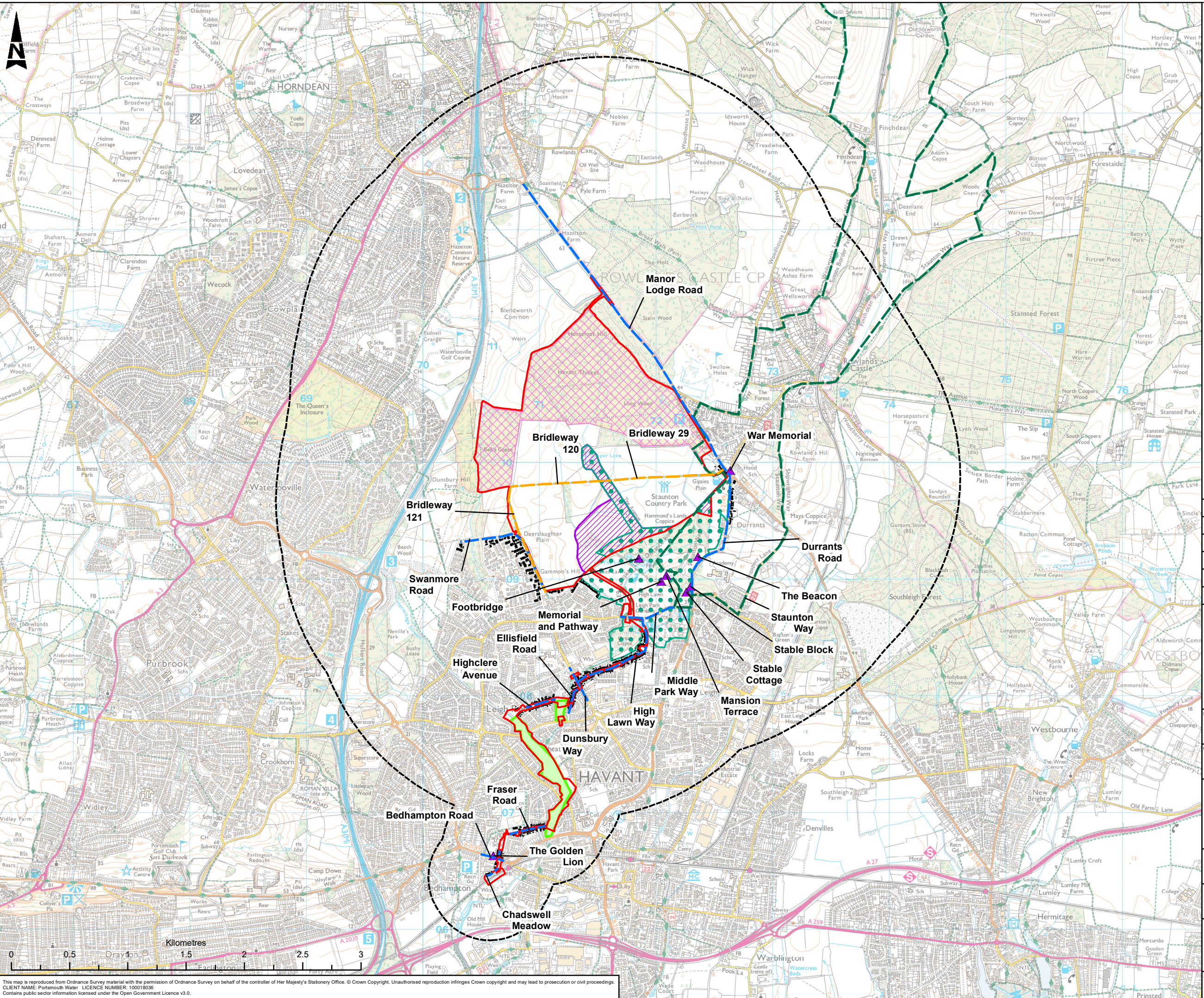
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- Redline Boundary
- Study Area
- Listed Building
- Bridleway
- Footpath
- Road
- Countryside Rights of Way Act Access Land
- Conservation Areas
- Public Open Space
- Residential Properties
- Registered Park and Garden

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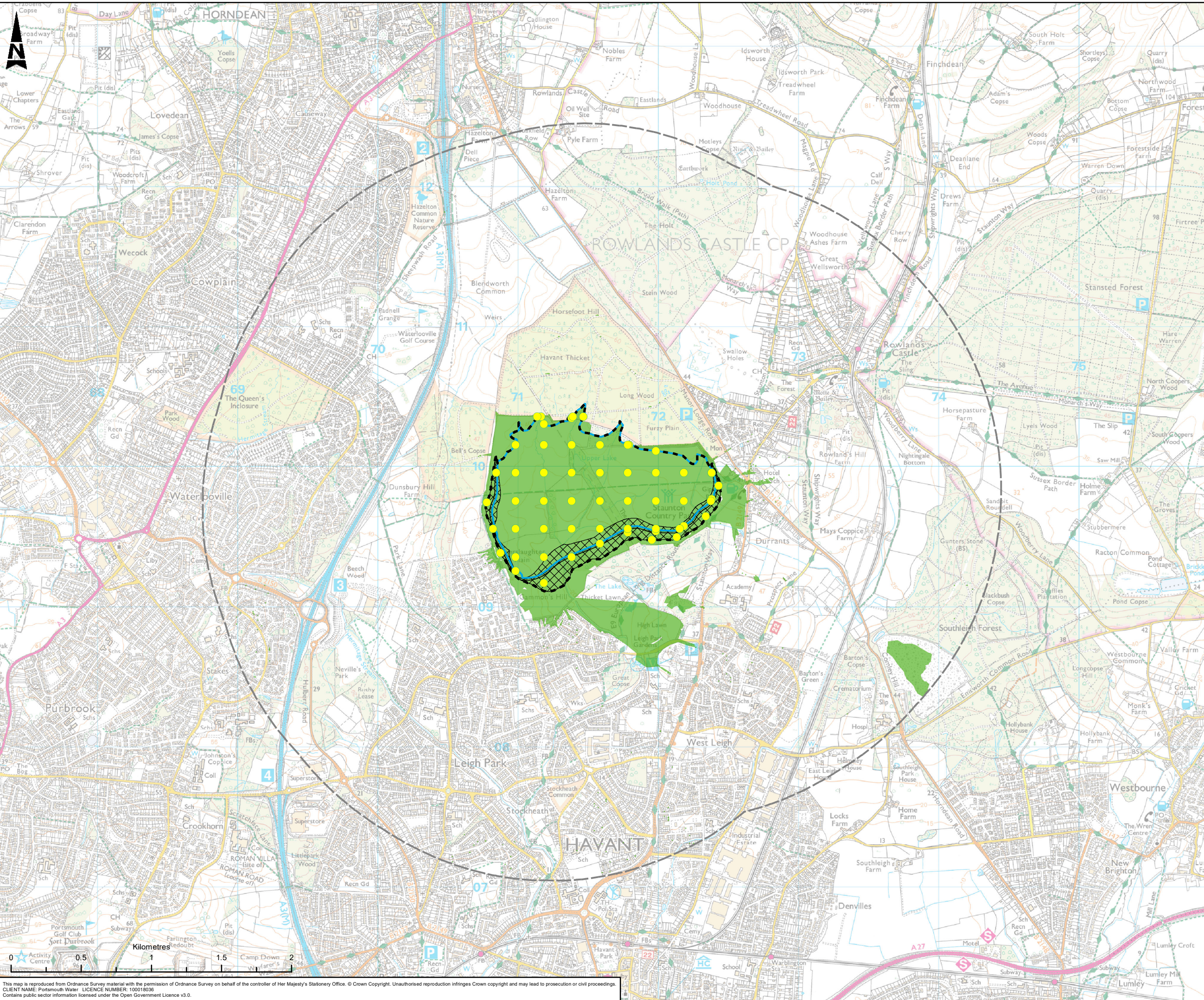
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**FIGURE 11.6
KEY VISUAL RECEPTOR LOCATIONS**

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- Reservoir Footprint
- Maximum Water Level (39.5m AOD)
- Reservoir Embankment
- 2 km Study Area
- Observer Points at Maximum Water Level
- The Zone of Theoretical Visibility from Surrounding Area to Observer Points

Notes:

The Zone of Theoretical Visibility (ZTV) figure shown is an indication of the area within which the maximum water level of Havant Reservoir may be visible.

The ZTV is based on Environment Agency 2 m Digital Terrain Model (DTM). The DTM does not consider the surface detail of vegetation and buildings, therefore 8 m building heights have been added, and to simulate winter conditions woodland areas have a height of 14 m.

A height of 1.6 m has been added to the surface to simulate the average eye height of a viewer.

The maximum water level has been determined at 39.5 m AOD and observer points have been considered on a 200 m grid across this and the southern reservoir embankment.

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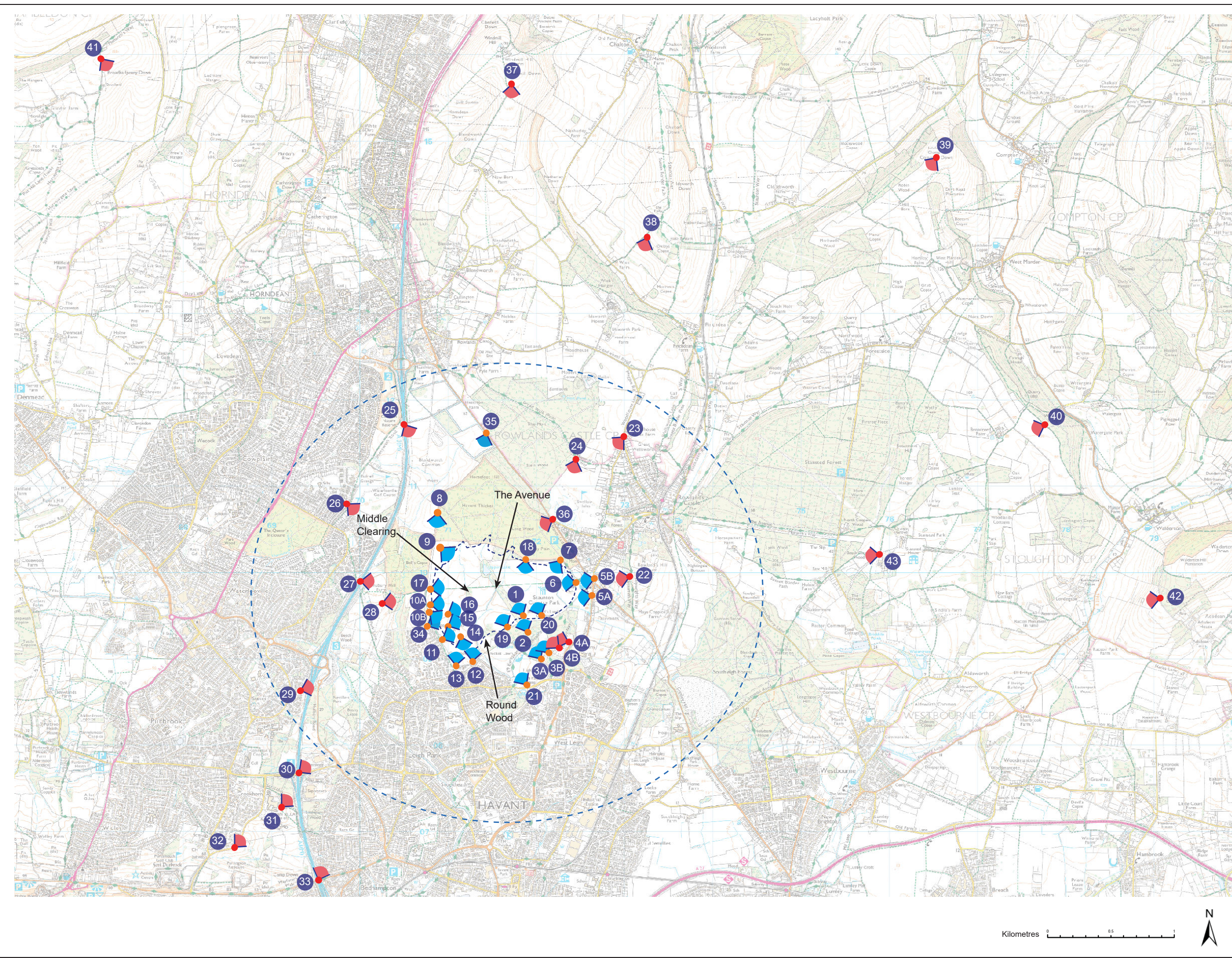
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HAVANT THICKET RESERVOIR

Drawing Title
**FIGURE 11.7
ZONE OF THEORETICAL VISIBILITY
(WINTER SCENARIO)**

Portsmouth Water Drawing Number	Rev
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KEY

1

31

Viewpoints with views of proposed site

Viewpoints with no view of proposed site

Reservoir Footprint

2 km Study Area

Notes:

Service Layer Credits:
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Site visits conducted in October 2019 and March 2020.
All photographs taken using a Nikon digital SLR camera with a 35 mm Fixed Focal length lens.
Camera mounted on a tripod. Viewer height above ground level; approximately 1.6 m.
All images subsequently merged with brightness/

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FIGURE 11.8 - VIEWPOINT LOCATION PLAN	
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-	C01