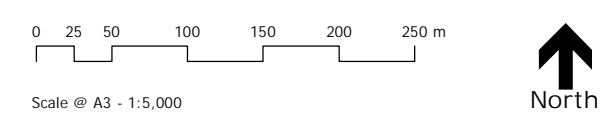


Western Heights
Combined Heritage and
Landscape Appraisal

National Tree
Map Data HL.21









- Key**
- The study area
 - National Tree Map Data :
 - Maximum crown height of vegetation
 - 26 - 27m
 - 21 - 25m
 - 16 - 20m
 - 11 - 15m
 - 6 - 10m
 - 1 - 5m

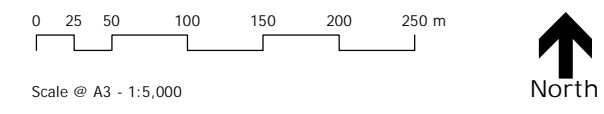


Western Heights
Combined Heritage and
Landscape Appraisal

Vegetation Map : Existing
HL.22-1



- Key**
-  The study area
 -  Contours @ 10m intervals AOD
- Vegetation Survey :**
-  Maintained grass
 -  Grassland with scrub
 -  Dense scrub
 -  Semi-mature woodland and scrub
 -  Semi-mature woodland
 -  Private land

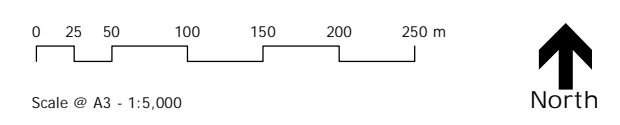


Western Heights
Combined Heritage and
Landscape Appraisal

Vegetation Map :
Proposed HL.22-2



- Key**
- The study area
 - Contours @ 10m intervals AOD
- Proposed Vegetation:**
- Chalk grassland - grazed land, kept predominantly free of scrub
 - Maintained grassland - regular maintenance
 - Grassland with scrub
 - Dense scrub
 - Semi-mature woodland and scrub
 - Semi-mature woodland
 - Private land



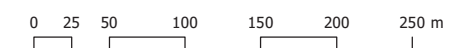


Key

The study area

Character Areas:

- 1: Citadel & Western Outworks
- 2: Drop Redoubt
- 3: Lines & Detached Bastion
- 4: Fortress Interior
- with 20th century development
- 5: Grand Shaft Barracks
- 6: South Front Barracks
- with 20th century development
- 7: Coastal Batteries
- 8: Woodland
- 9: Snargate Street
- 10: Steep Slopes
- 11: Industrial
- 12: Road Network c1811



Scale @ A3 - 1:5,000



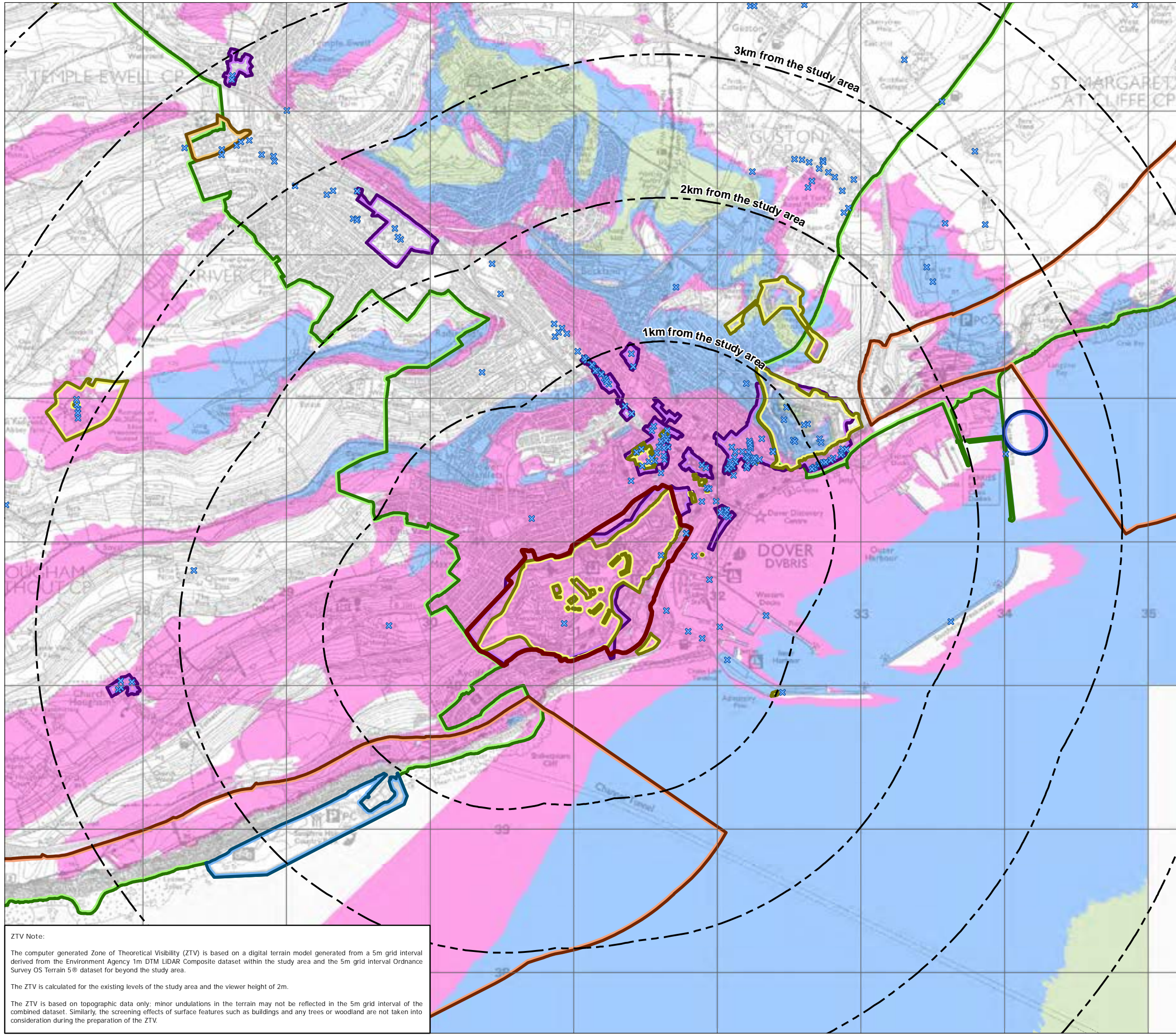
North

Western Heights
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Landscape Appraisal

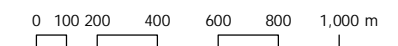
Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-1

- Overall Study Area



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Samphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :
- Bare Earth Analysis**
- 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000



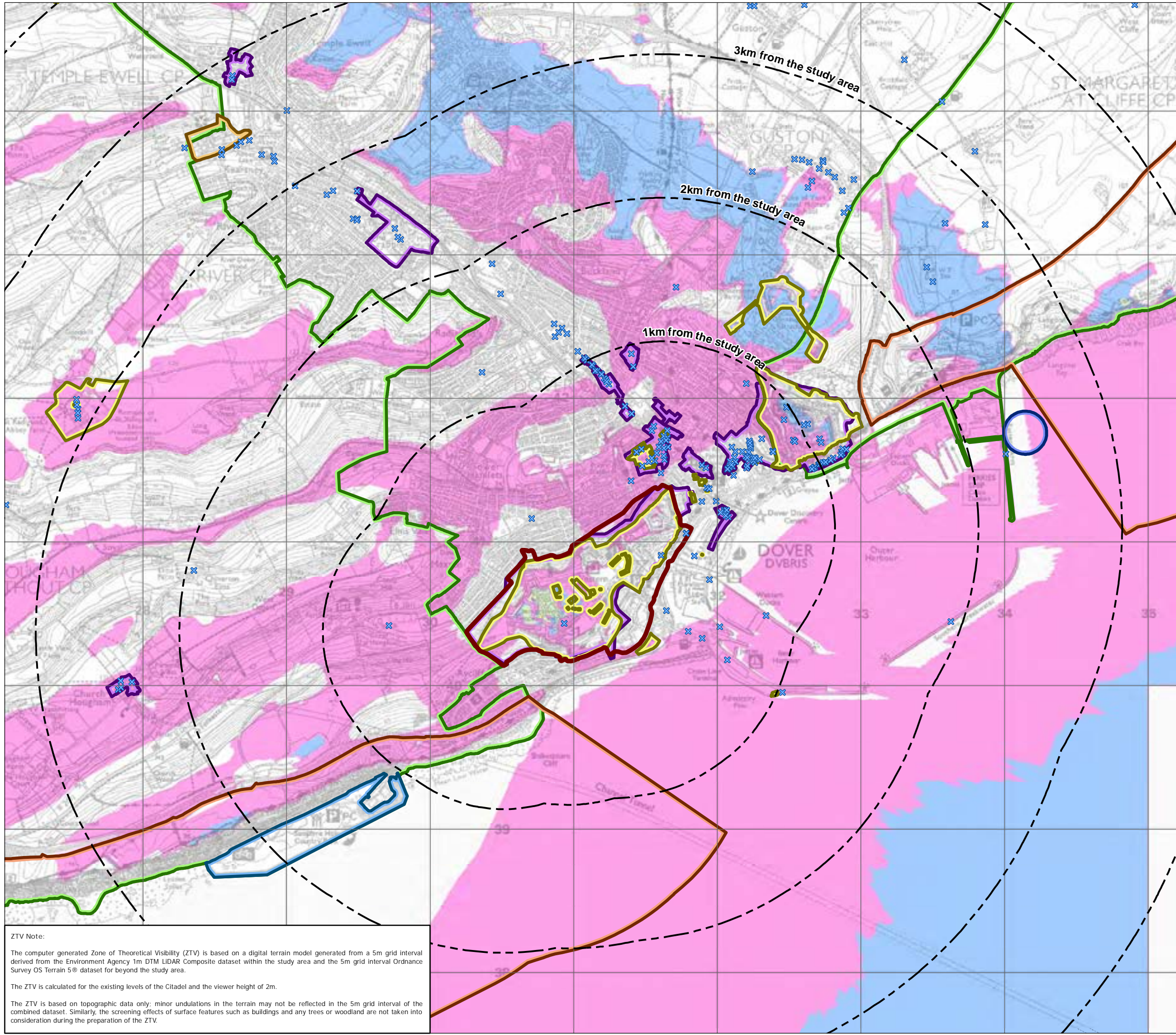
ZTV Note:
The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.
The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.
The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-2

- Citadel



Key

- Study area
- 1km buffers from study area

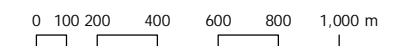
Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Sapphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

Zone of Theoretical Visibility :

- Bare Earth Analysis

- 61 - 80% of points visible
- 41 - 60% of points visible
- 21 - 40% of points visible
- 1 - 20% of points visible



Scale @ A3 - 1:25,000



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5© dataset for beyond the study area.

The ZTV is calculated for the existing levels of the Citadel and the viewer height of 2m.

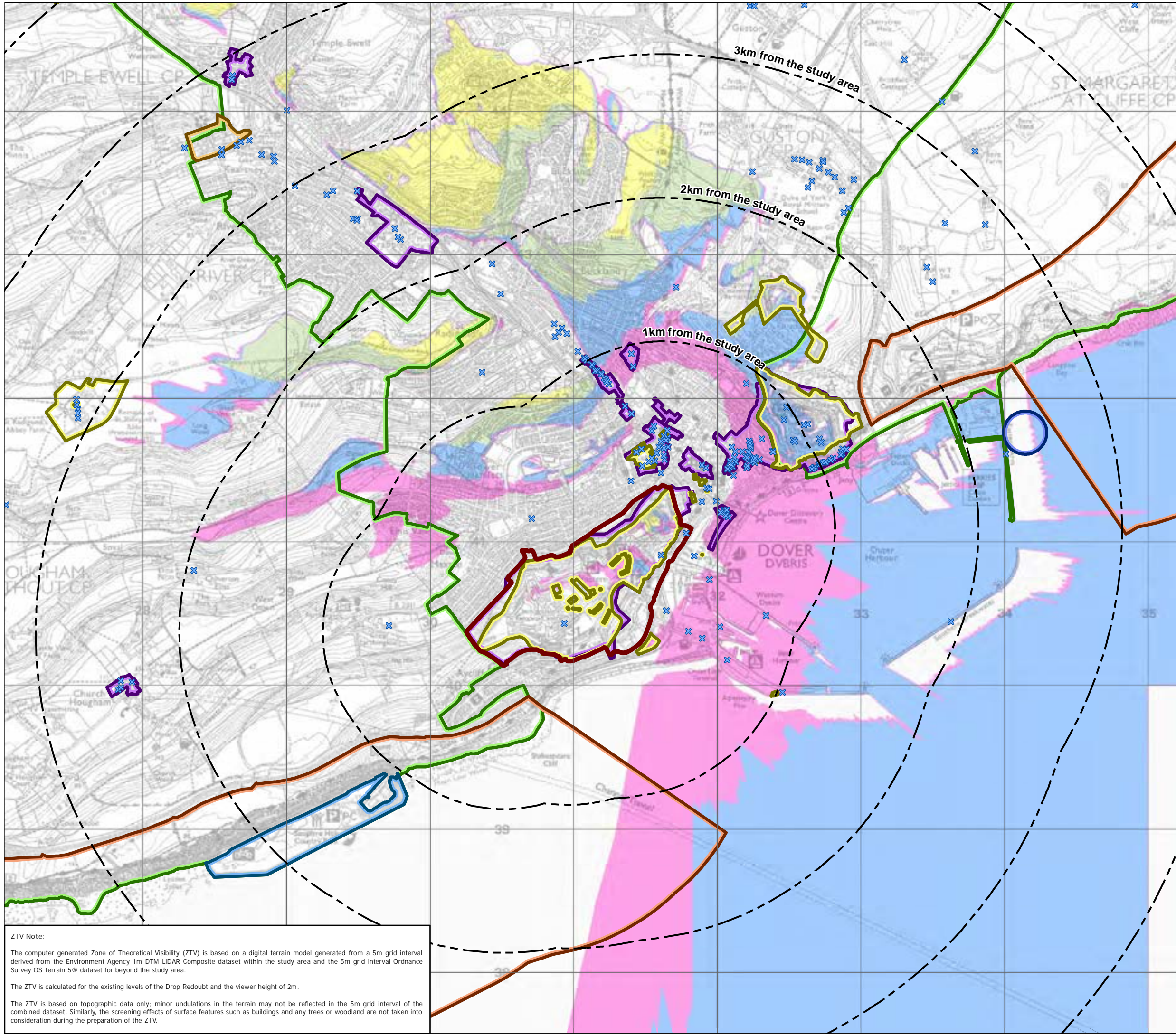
The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-3

- Drop Redoubt



Key

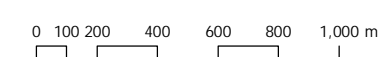
- Study area
- 1km buffers from study area

Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Samphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

**Zone of Theoretical Visibility :
- Bare Earth Analysis**

- 81 - 100% of points visible
- 61 - 80% of points visible
- 41 - 60% of points visible
- 21 - 40% of points visible
- 1 - 20% of points visible



Scale @ A3 - 1:25,000



ZTV Note:
The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.
The ZTV is calculated for the existing levels of the Drop Redoubt and the viewer height of 2m.
The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

A099905 HL24-3 ZTV Earth - Drop Redoubt.mxd

March 2017

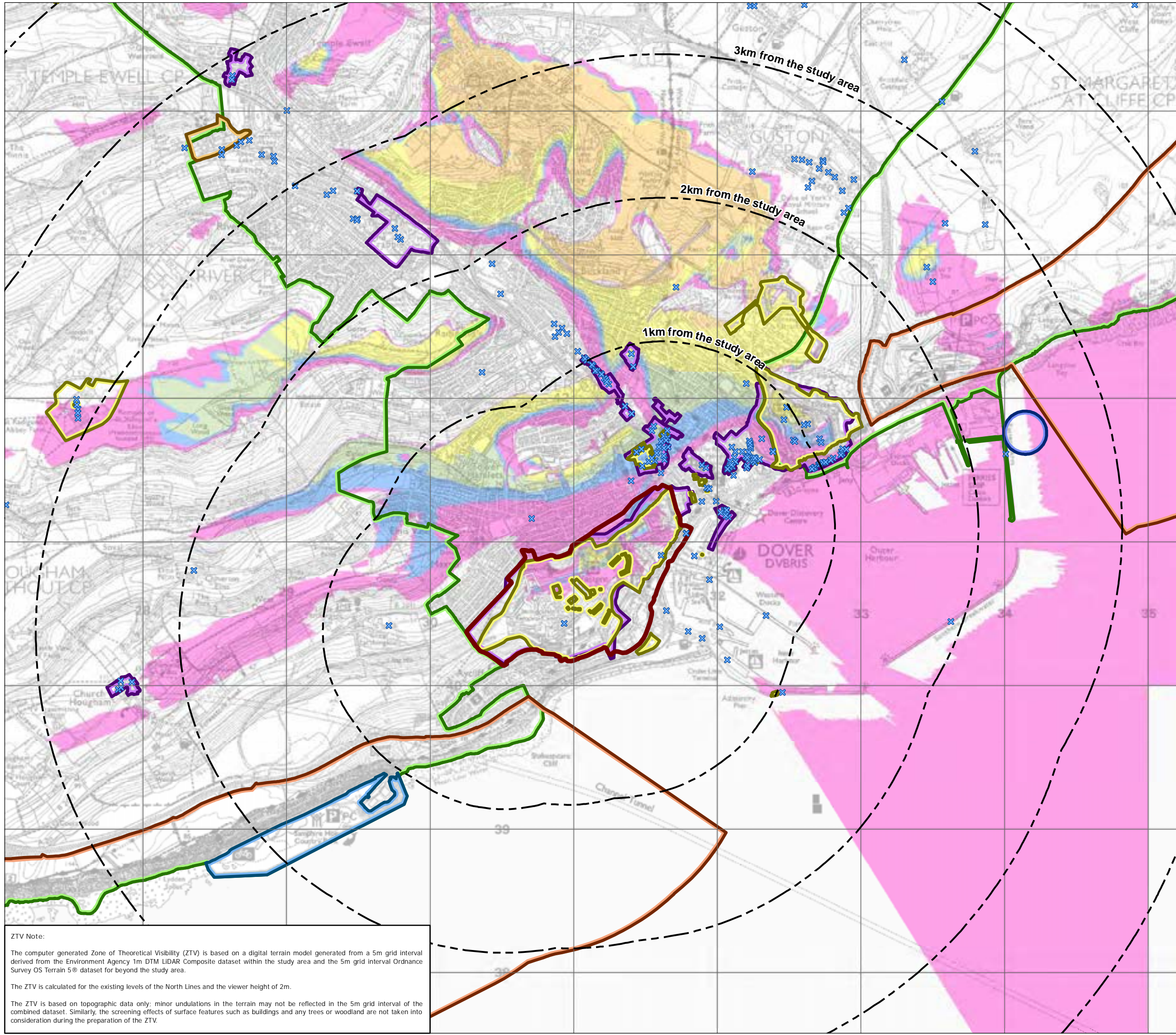
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+44 (0)29 2082 9200 cardiff@wyg.com www.wyg.com

Western Heights
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Landscape Appraisal

Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-4

- North Lines



Key

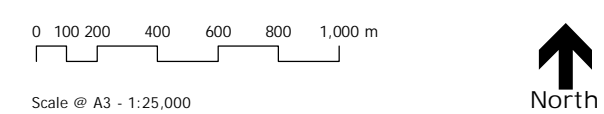
- Study area
- 1km buffers from study area

Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Samphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

**Zone of Theoretical Visibility :
- Bare Earth Analysis**

- 81 - 100% of points visible
- 61 - 80% of points visible
- 41 - 60% of points visible
- 21 - 40% of points visible
- 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5© dataset for beyond the study area.

The ZTV is calculated for the existing levels of the North Lines and the viewer height of 2m.

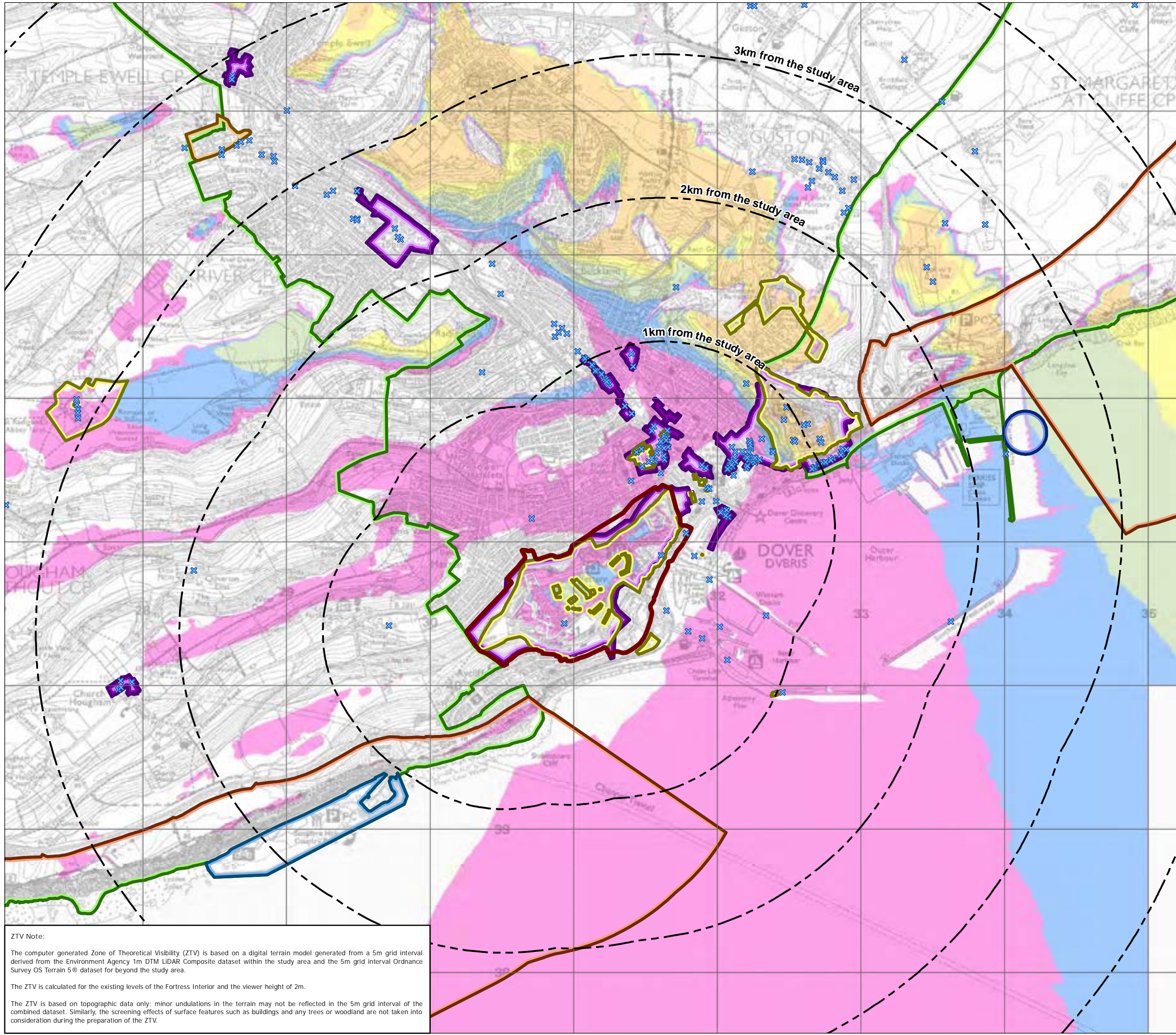
The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

Western Heights
Combined Heritage and
Landscape Appraisal

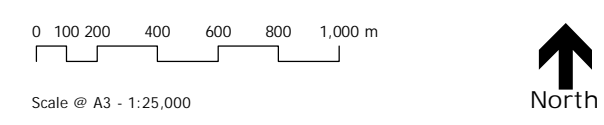
Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-5

- Fortress Interior



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Saphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Bare Earth Analysis
- 81 - 100% of points visible
 - 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing levels of the Fortress Interior and the viewer height of 2m.

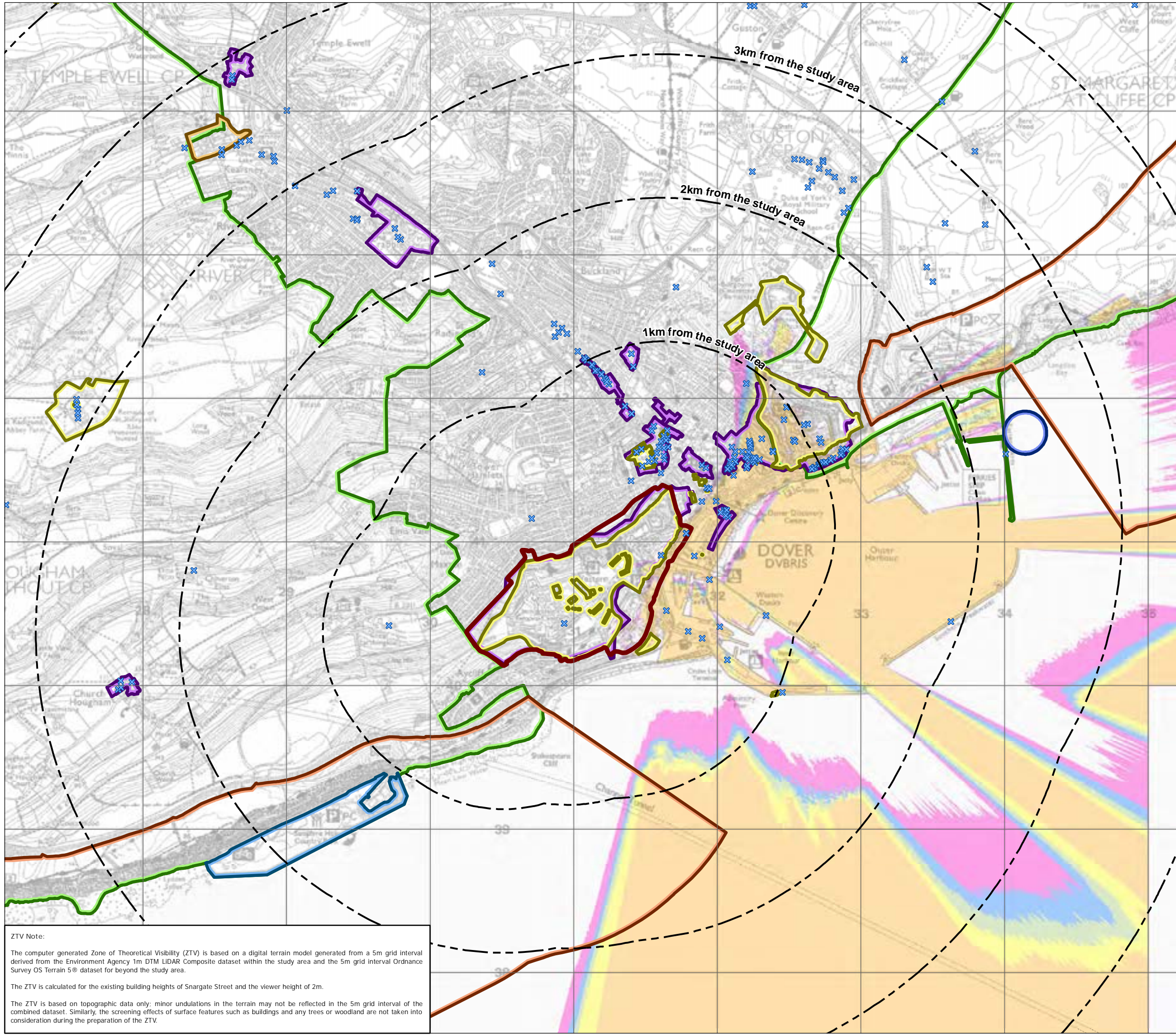
The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

Western Heights
Combined Heritage and
Landscape Appraisal

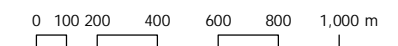
Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-6

- Snargate Street



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Samphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :
- Bare Earth Analysis**
- 81 - 100% of points visible
 - 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000



ZTV Note:
The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.
The ZTV is calculated for the existing building heights of Snargate Street and the viewer height of 2m.
The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

A099905 HL24-6 ZTV Earth - Snargate Street.mxd March 2017

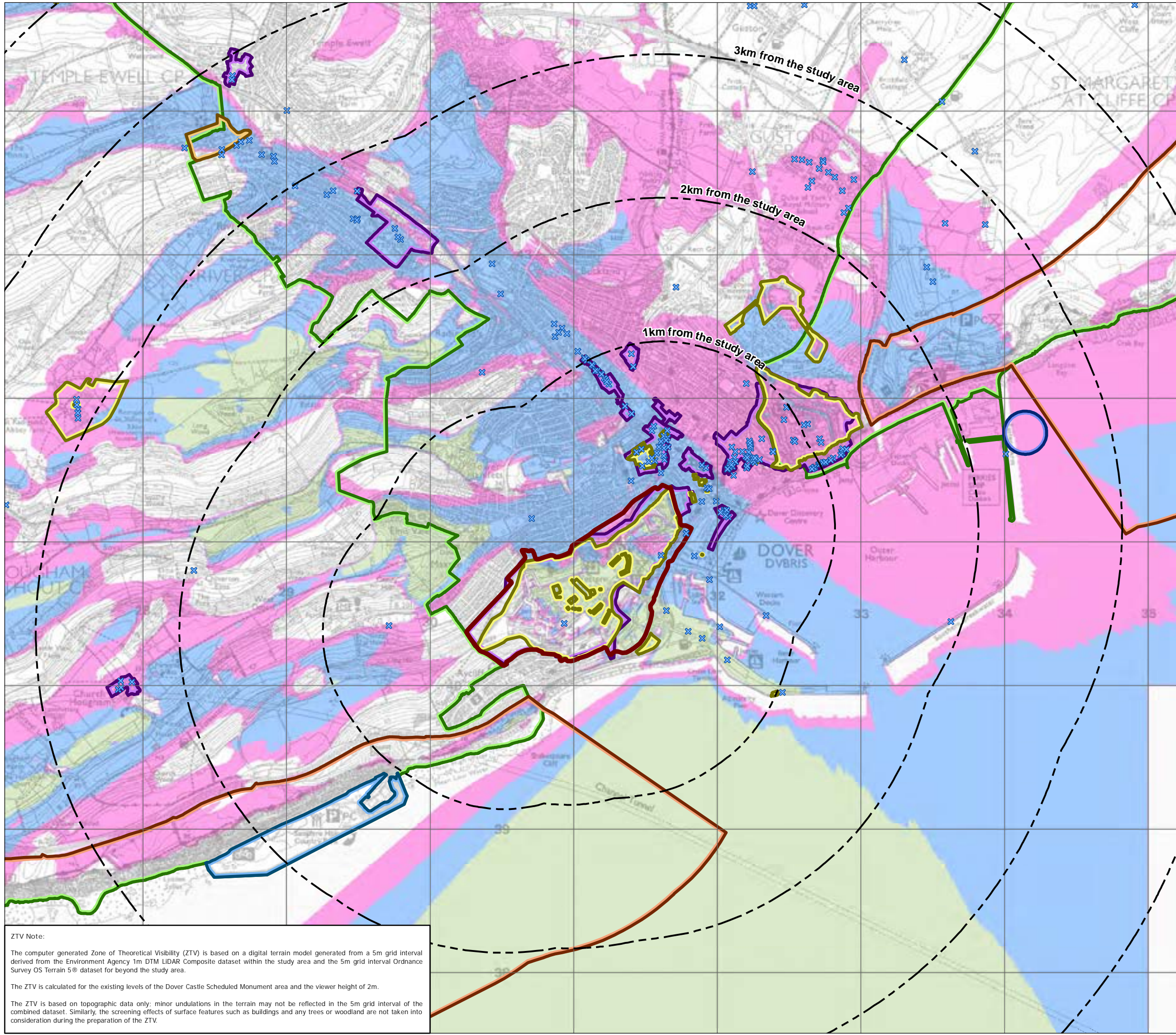
5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

Western Heights
Combined Heritage and
Landscape Appraisal

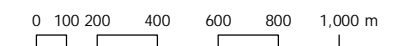
Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-7

- Dover Castle
Scheduled Monument



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Saphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Bare Earth Analysis
- 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing levels of the Dover Castle Scheduled Monument area and the viewer height of 2m.

The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

A099905 HL24-7 ZTV Earth -
Dover Castle.mxd

March 2017

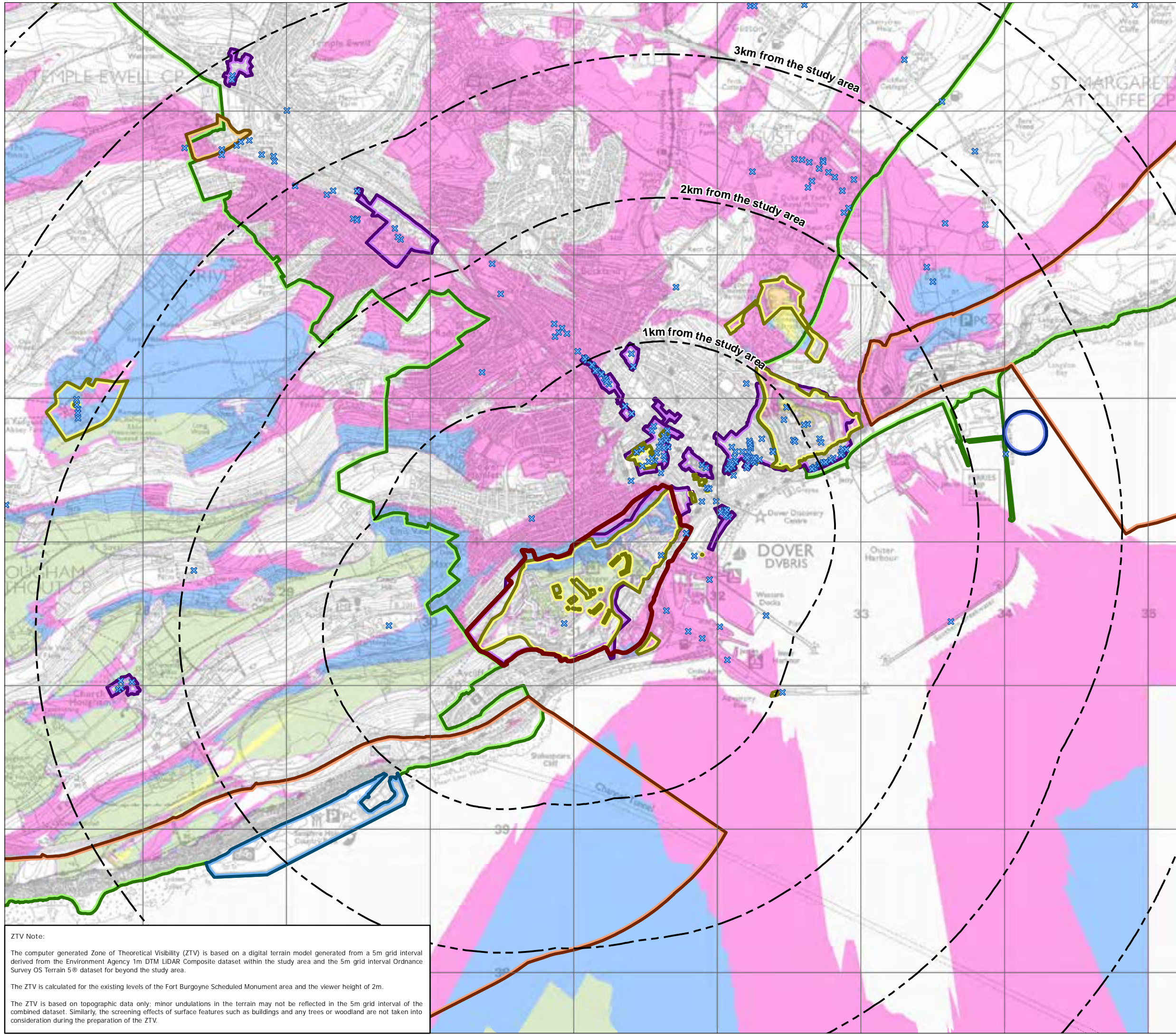
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Western Heights
Combined Heritage and
Landscape Appraisal

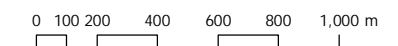
Zone of Theoretical Visibility :
Bare Earth Analysis

HL.24-8

- Fort Burgoyne
Scheduled Monument



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Saphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Bare Earth Analysis
- 81 - 100% of points visible
 - 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DTM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

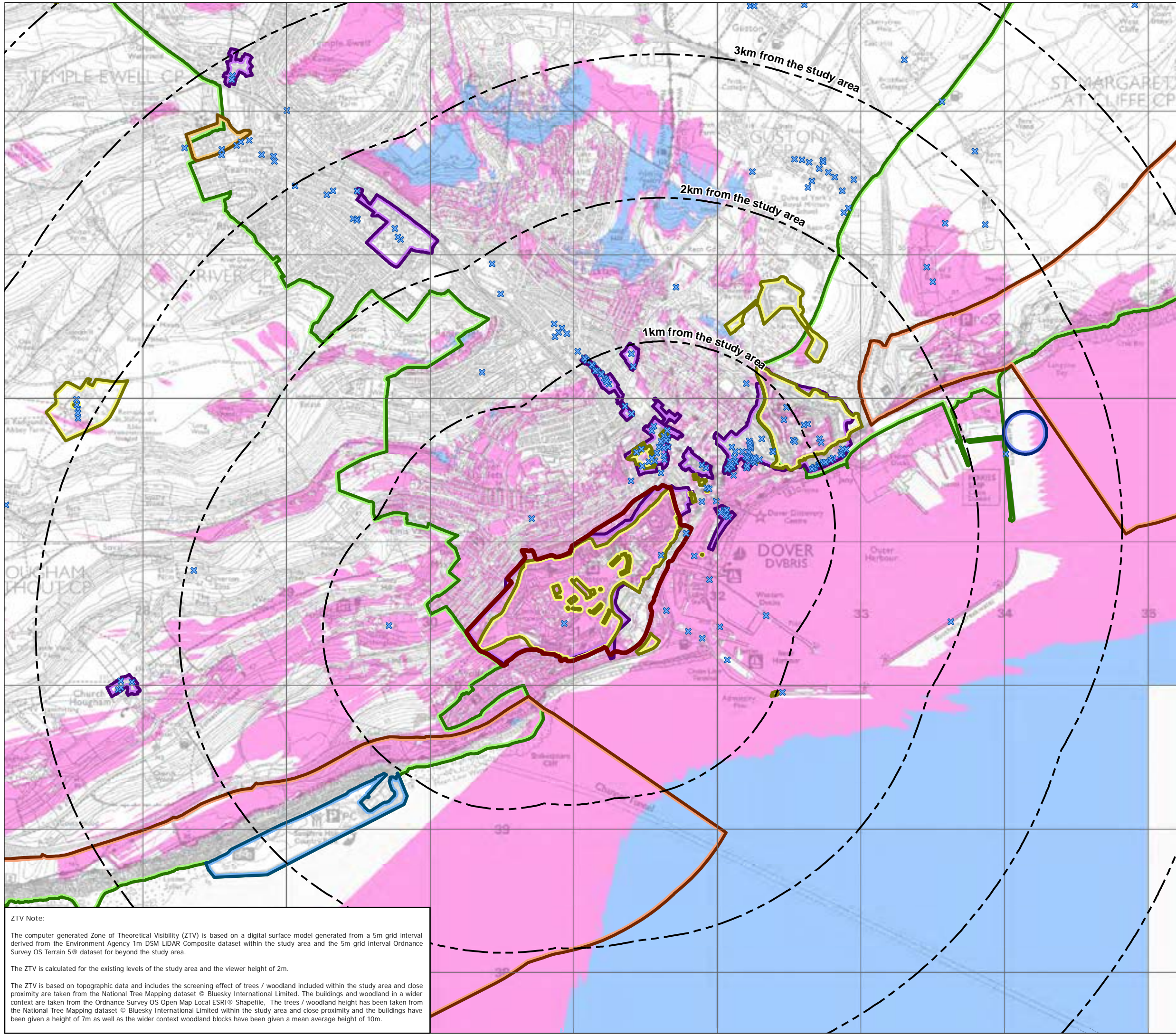
The ZTV is calculated for the existing levels of the Fort Burgoyne Scheduled Monument area and the viewer height of 2m.

The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

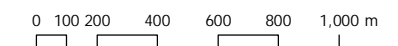
Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

- Overall Study Area



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Sapphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Screening Features Analysis
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

A099905 HL25-1 ZTV Screen - Overall Study Area.mxd

March 2017

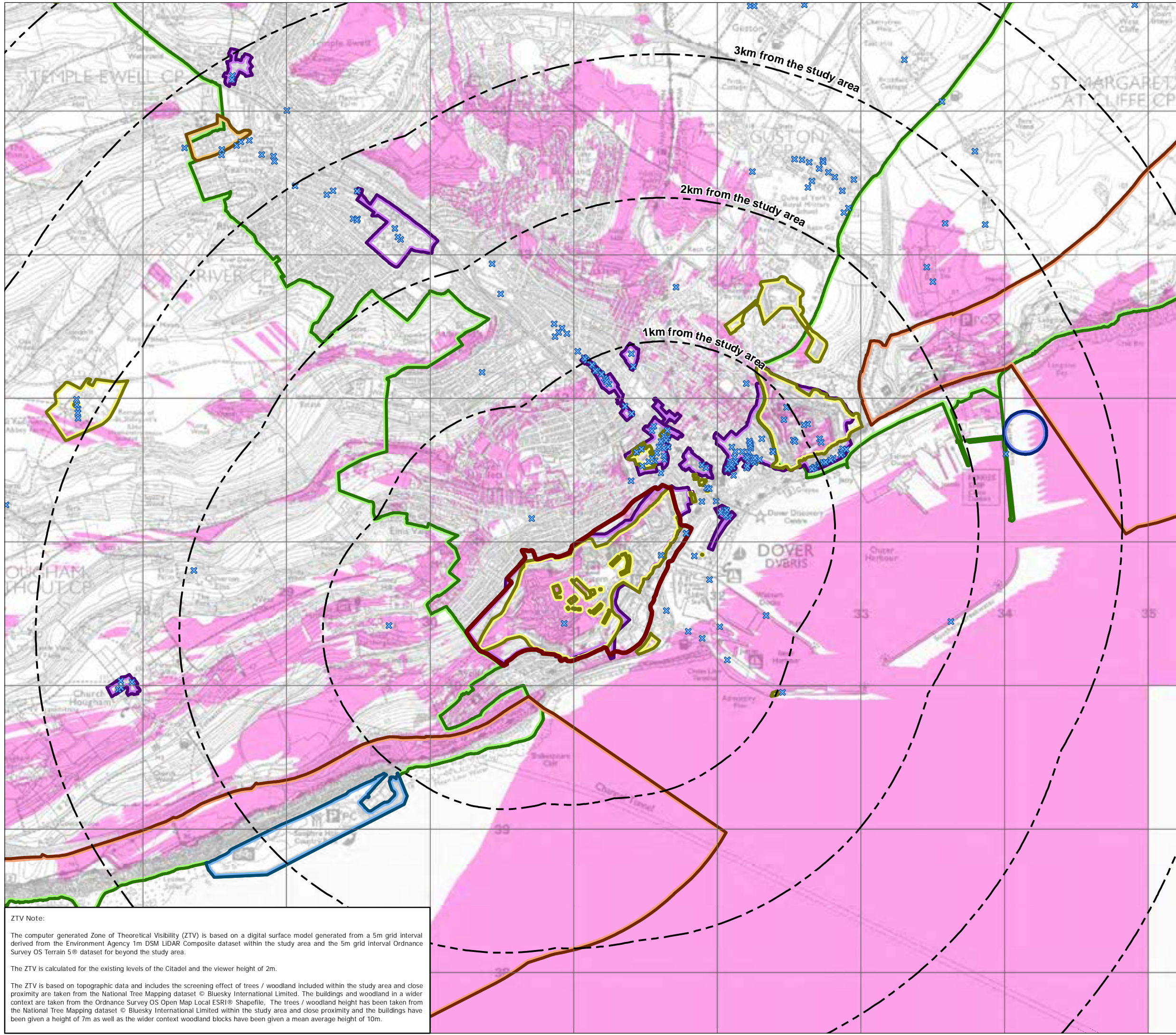
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Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

HL.25-2

- Citadel



Key

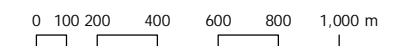
-  Study area
-  1km buffers from study area

Landscape and Heritage Designations :

-  'Kent Downs' Area of Outstanding Natural Beauty (AONB)
-  'Sapphire Hoe' Country Park
-  Conservation Areas
-  Heritage Coasts
-  'Kearsney Court' Registered Park And Garden
-  'Langdon Bay' Protected Wreck
-  Listed Buildings

Zone of Theoretical Visibility :

- Screening Features Analysis
-  21 - 40% of points visible
-  1 - 20% of points visible



Scale @ A3 - 1:25,000



A099905 HL25-2 ZTV Screen - Citadel.mxd March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
 ☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5[®] dataset for beyond the study area.

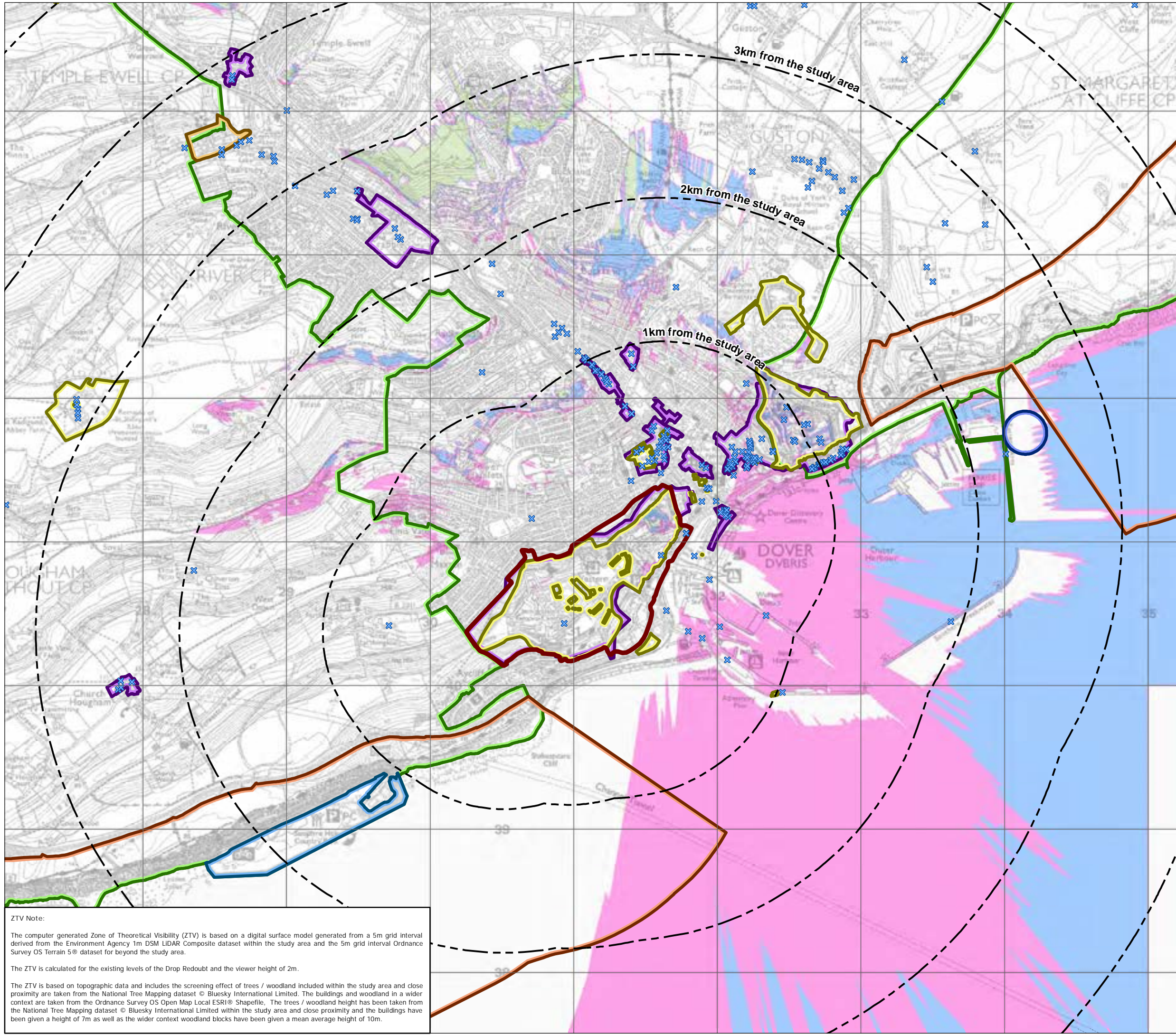
The ZTV is calculated for the existing levels of the Citadel and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI[®] Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

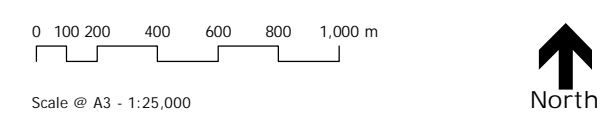
Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

- Drop Redoubt



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Sapphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Screening Features Analysis
- 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

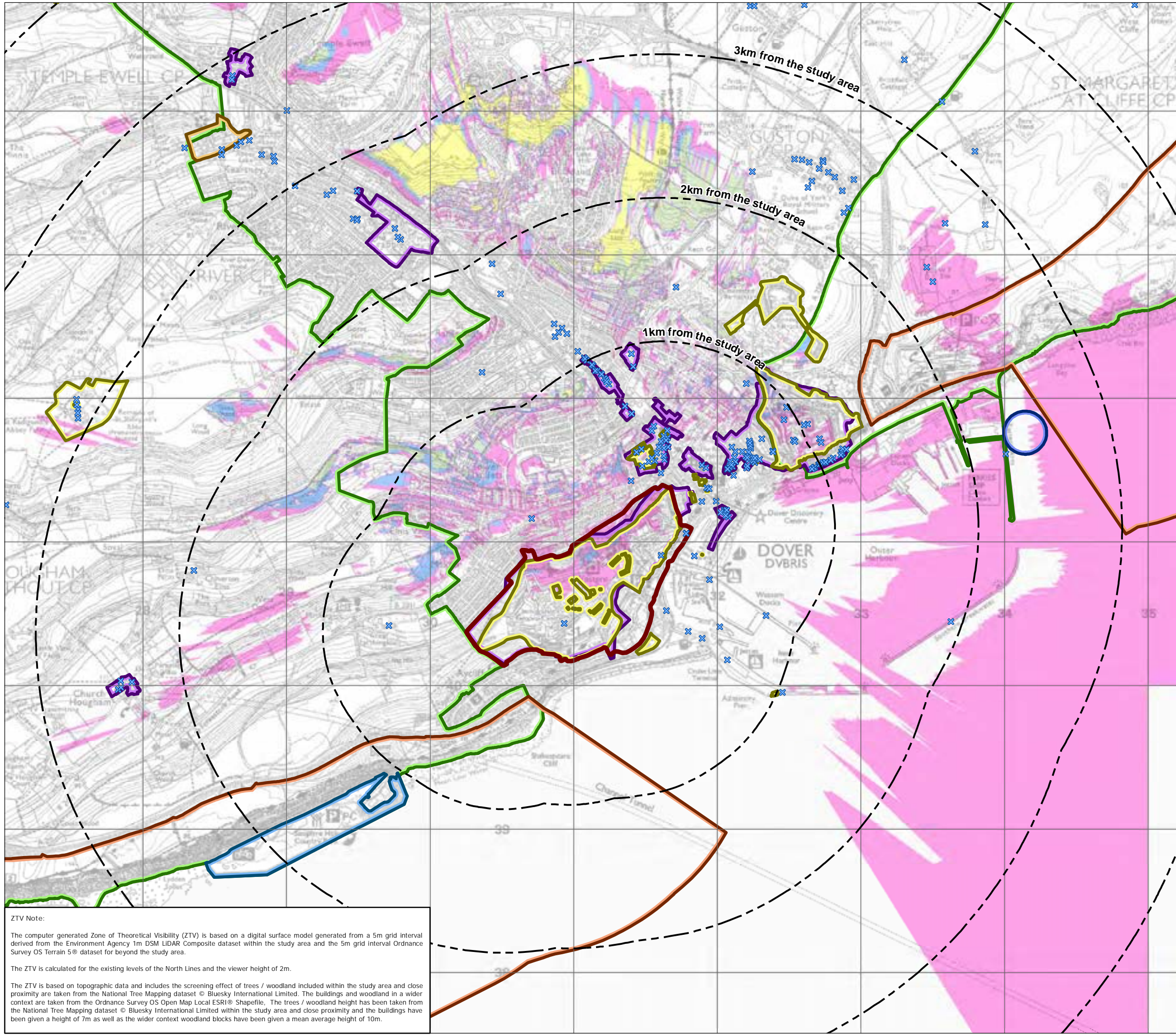
The ZTV is calculated for the existing levels of the Drop Redoubt and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

- North Lines



Key

- Study area
- 1km buffers from study area

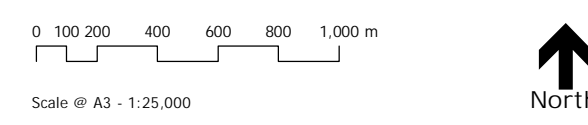
Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Sapphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

Zone of Theoretical Visibility :

- Screening Features Analysis

- 61 - 80% of points visible
- 41 - 60% of points visible
- 21 - 40% of points visible
- 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5[®] dataset for beyond the study area.

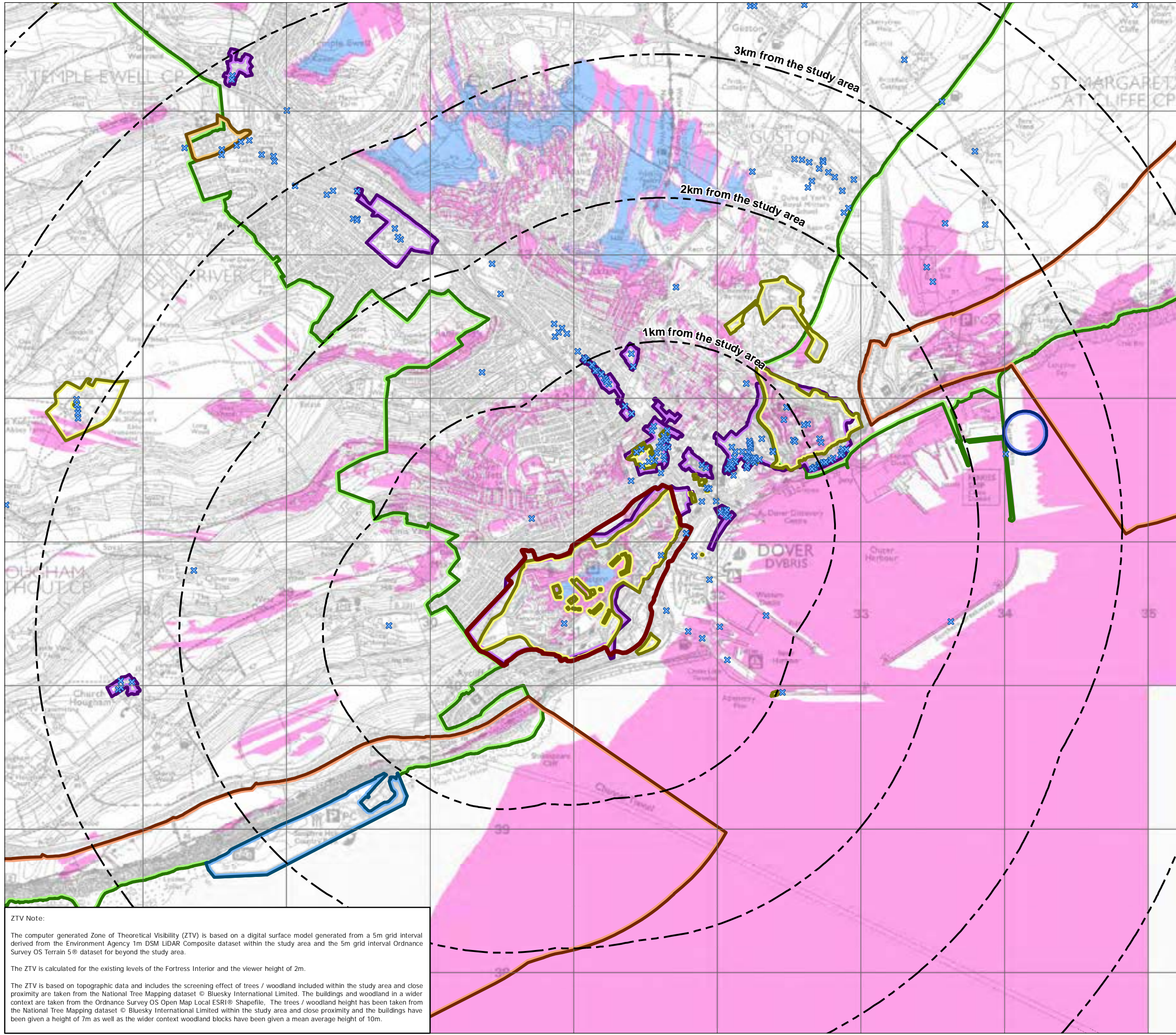
The ZTV is calculated for the existing levels of the North Lines and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI[®] Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

- Fortress Interior



Key

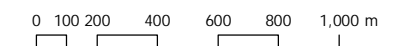
- Study area
- 1km buffers from study area

Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Saphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

Zone of Theoretical Visibility :

- Screening Features Analysis
- 21 - 40% of points visible
- 1 - 20% of points visible



Scale @ A3 - 1:25,000



A099905 HL25-5 ZTV Screen - Fortress Interior.mxd March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
 ☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5[®] dataset for beyond the study area.

The ZTV is calculated for the existing levels of the Fortress Interior and the viewer height of 2m.

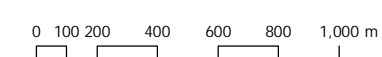
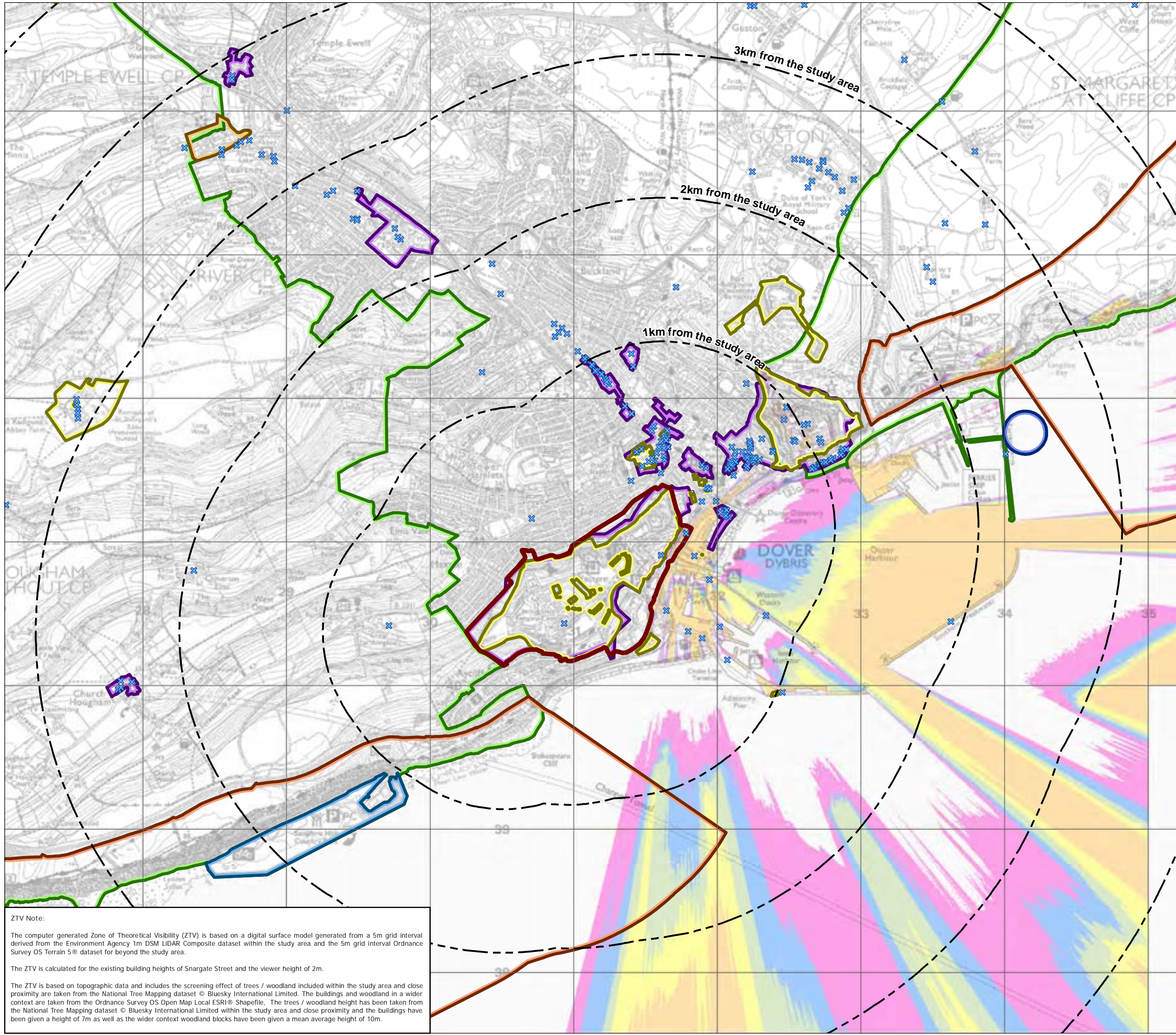
The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI[®] Shapelfile. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

- Snargate Street

- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Samphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Screening Features Analysis
- 81 - 100% of points visible
 - 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000

A099905 HL25-6 ZTV Screen - Snargate Street.mxd March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
 ☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing building heights of Snargate Street and the viewer height of 2m.

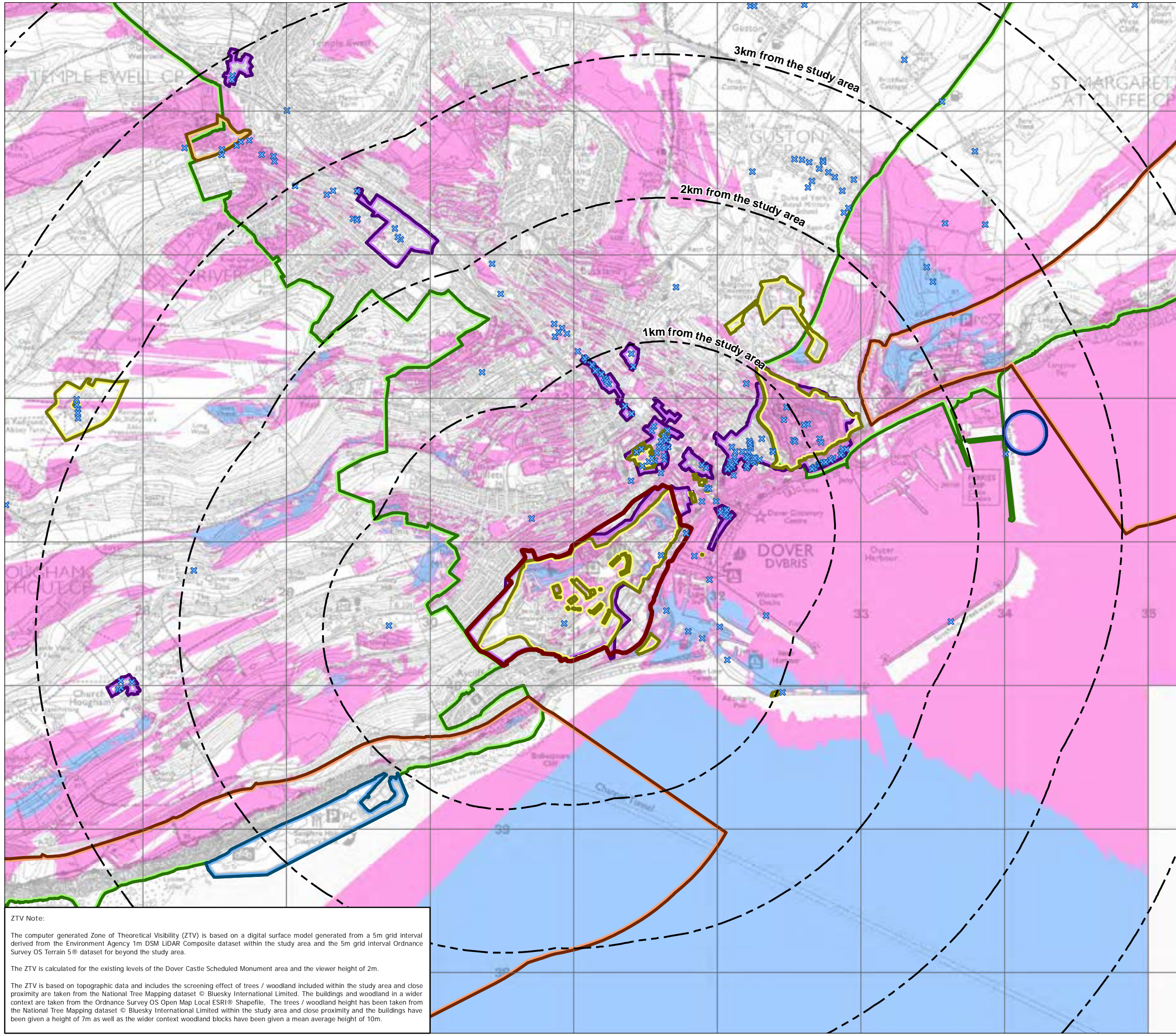
The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.



Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Screening Features Analysis

- Dover Castle
Scheduled Monument



Key

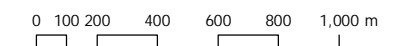
- Study area
- 1km buffers from study area

Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Sapphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

Zone of Theoretical Visibility :

- Screening Features Analysis
- 21 - 40% of points visible
- 1 - 20% of points visible



Scale @ A3 - 1:25,000



A099905 HL25-7 ZTV Screen -
Dover Castle.mxd March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing levels of the Dover Castle Scheduled Monument area and the viewer height of 2m.

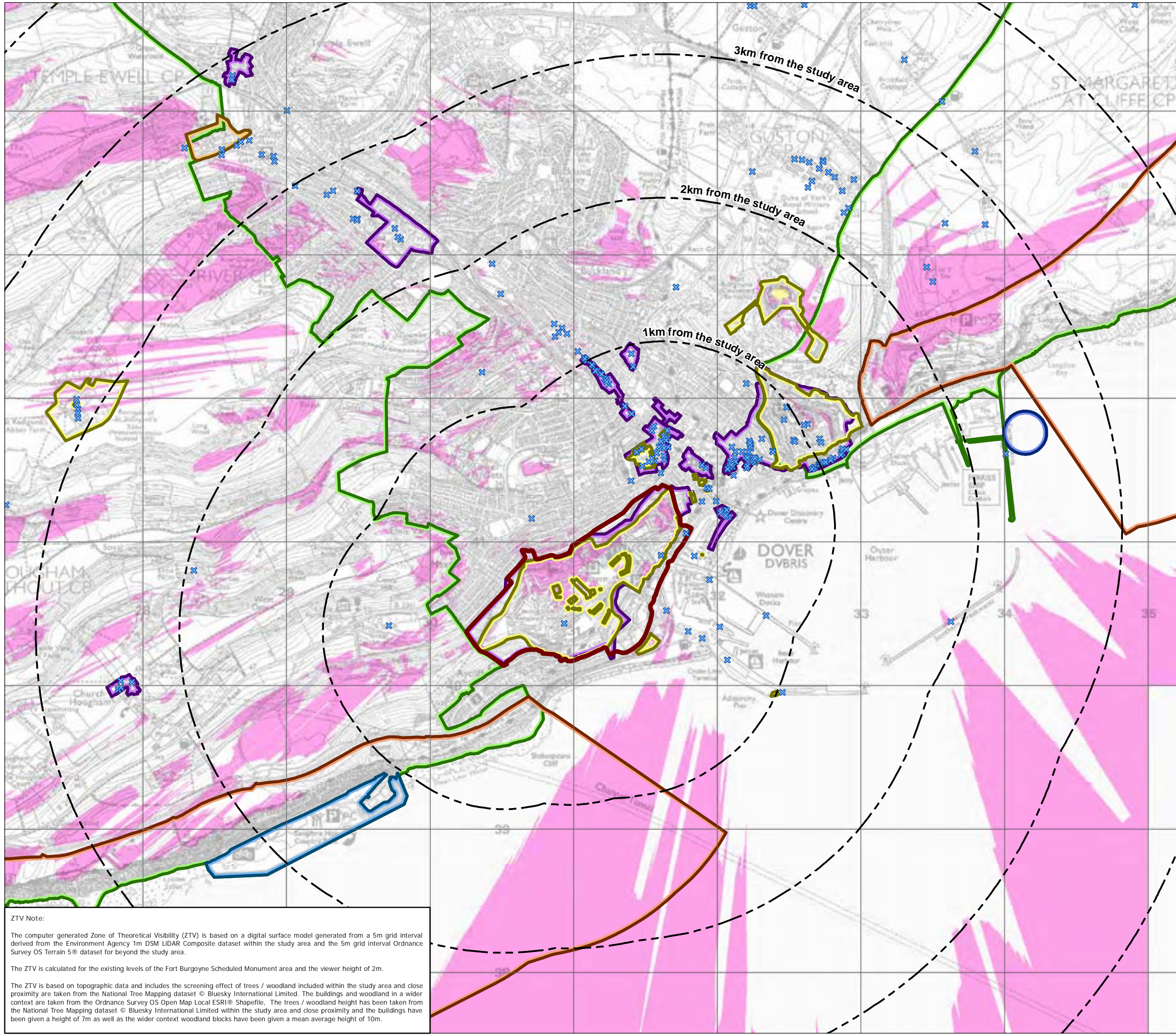
The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

Western Heights
Combined Heritage and
Landscape Appraisal

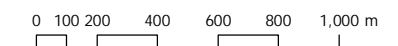
Zone of Theoretical Visibility :
Screening Features Analysis

HL.25-8

- Fort Burgoyne
Scheduled Monument



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Sapphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Screening Features Analysis
- 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000



A099905 HL25-8 ZTV Screen - Fort Burgoyne.mxd March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
 ☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing levels of the Fort Burgoyne Scheduled Monument area and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelfile. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

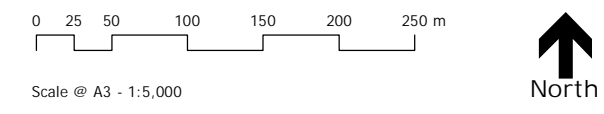
Western Heights
Combined Heritage and
Landscape Appraisal

Zone of
Theoretical Visibility :
Vegetation Removal Plan
for ZTV Analysis HL.26



Key

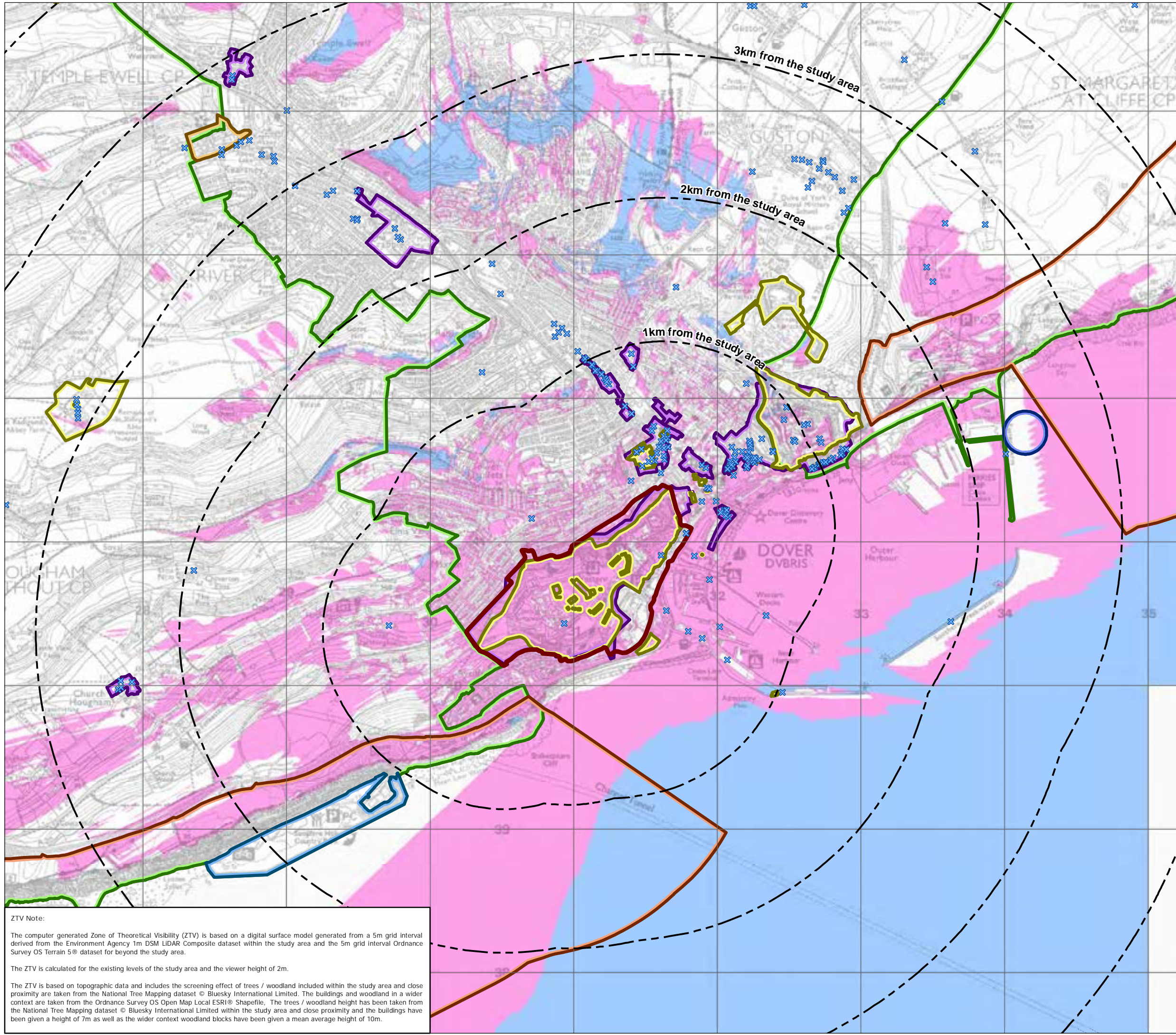
- The study area
- Contours @ 10m intervals AOD
- National Tree Map Data :
 - Trees / Woodland theoretically removed within the study area for the ZTV analysis
 - Trees / Woodland theoretically retained within the study area for the ZTV analysis
 - Trees / Woodland outside the study area





Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Vegetation Removal Analysis









- Overall Study Area





Key

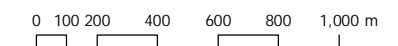
-  Study area
-  1km buffers from study area

Landscape and Heritage Designations :

-  'Kent Downs' Area of Outstanding Natural Beauty (AONB)
-  'Sapphire Hoe' Country Park
-  Conservation Areas
-  Heritage Coasts
-  'Kearsney Court' Registered Park And Garden
-  Scheduled Monuments
-  'Langdon Bay' Protected Wreck
-  Listed Buildings

Zone of Theoretical Visibility :

- Screening Features Analysis
-  21 - 40% of points visible
-  1 - 20% of points visible



Scale @ A3 - 1:25,000



A099905 HL27-1 ZTV Veg Removal - Overall Study March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
 ☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5[®] dataset for beyond the study area.

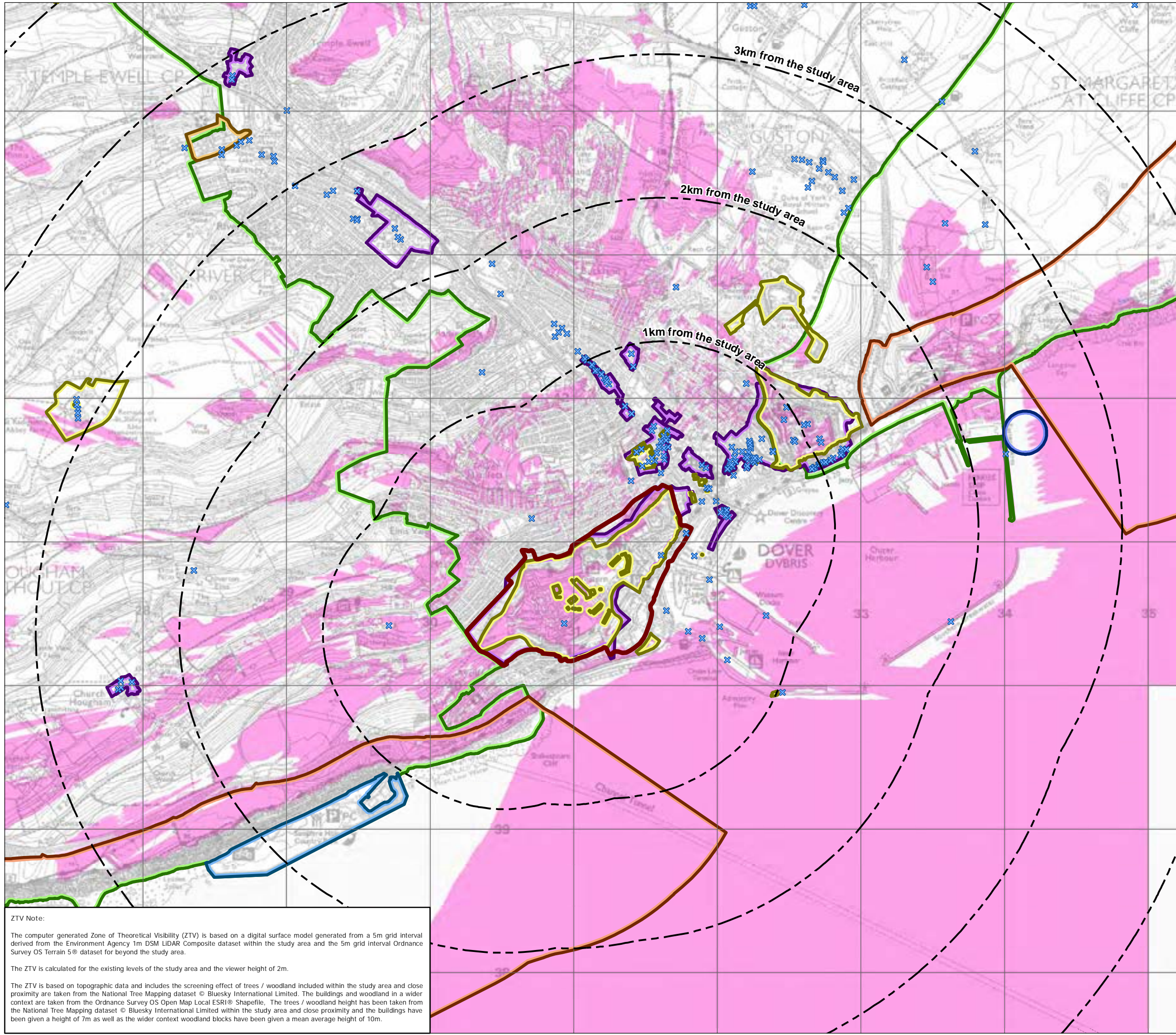
The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI[®] Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Vegetation Removal Analysis

- Citadel



Key

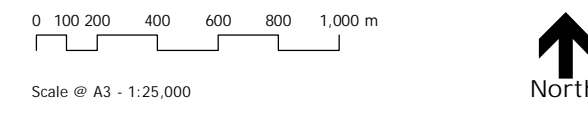
- Study area
- 1km buffers from study area

Landscape and Heritage Designations :

- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
- 'Sapphire Hoe' Country Park
- Conservation Areas
- Heritage Coasts
- 'Kearsney Court' Registered Park And Garden
- Scheduled Monuments
- 'Langdon Bay' Protected Wreck
- Listed Buildings

Zone of Theoretical Visibility :

- Vegetation Removal Analysis
- 21 - 40% of points visible
- 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

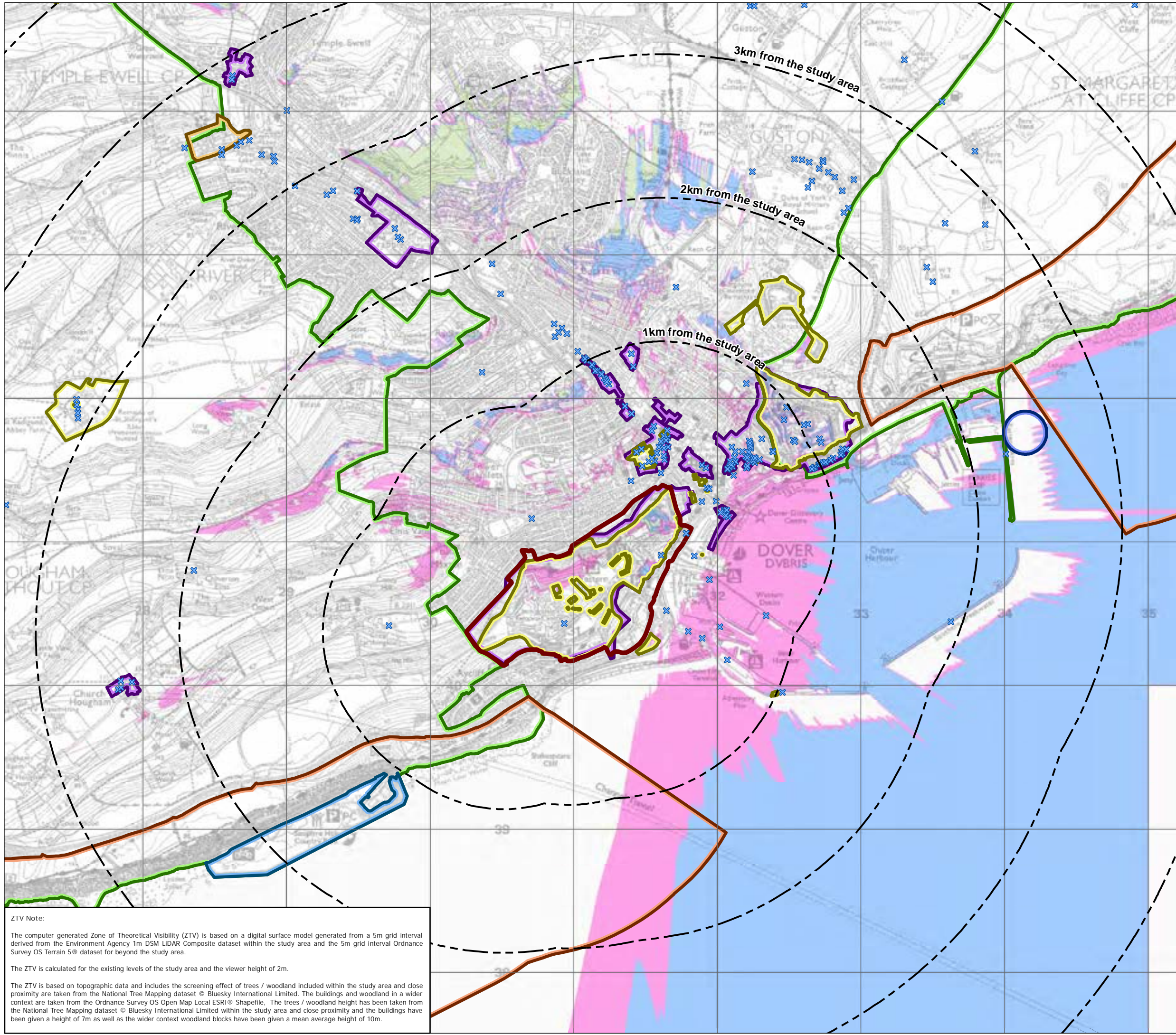
The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

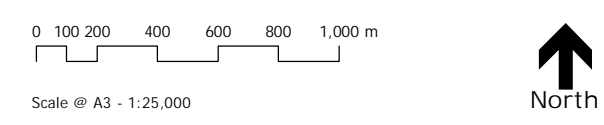
Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Vegetation Removal Analysis

- Drop Redoubt



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Samphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Vegetation Removal Analysis
- 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

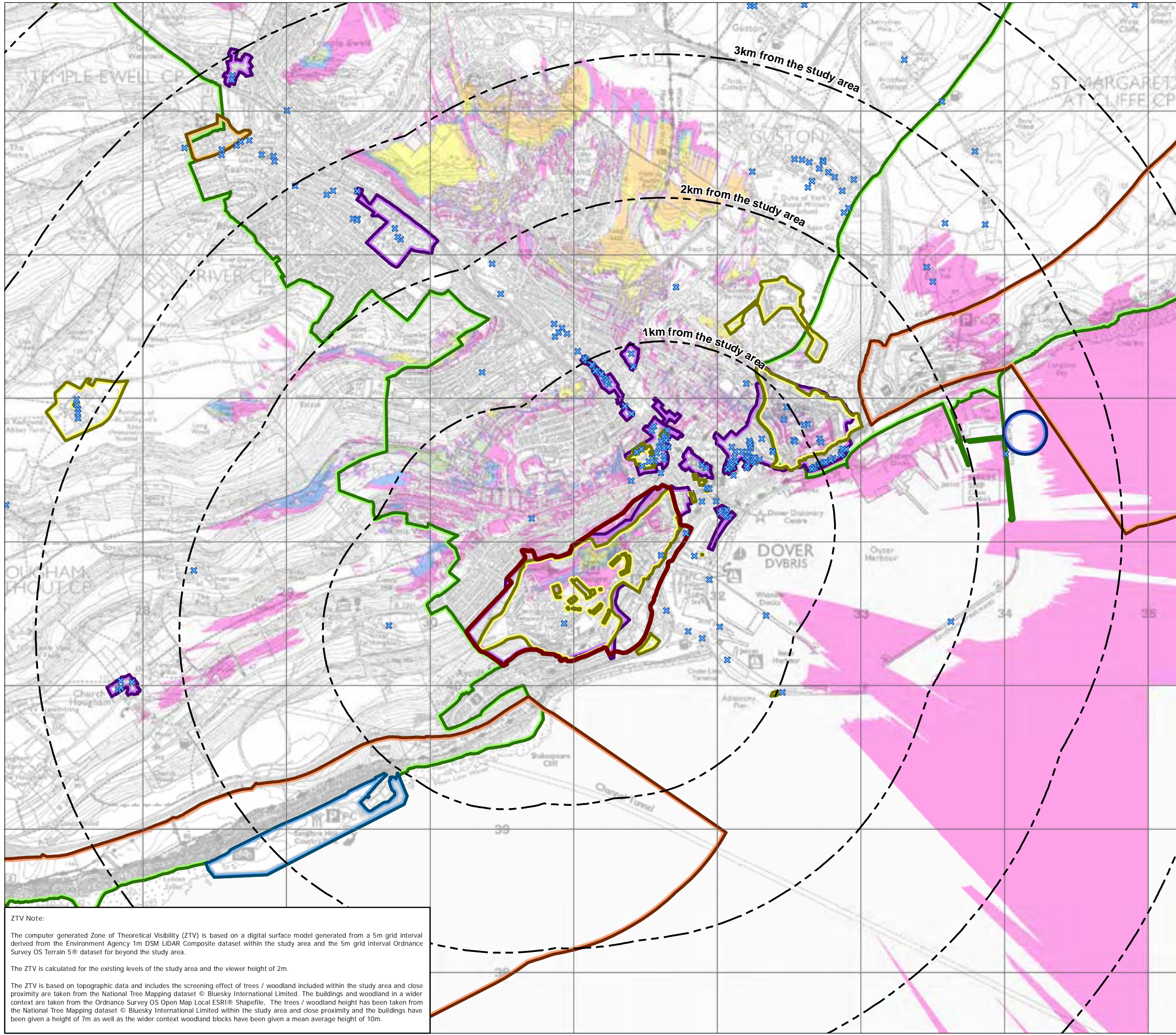
The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelle. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

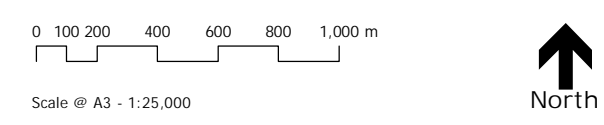
Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Vegetation Removal Analysis

- North Lines



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Samphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Vegetation Removal Analysis
- 81 - 100% of points visible
 - 61 - 80% of points visible
 - 41 - 60% of points visible
 - 21 - 40% of points visible
 - 1 - 20% of points visible



ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

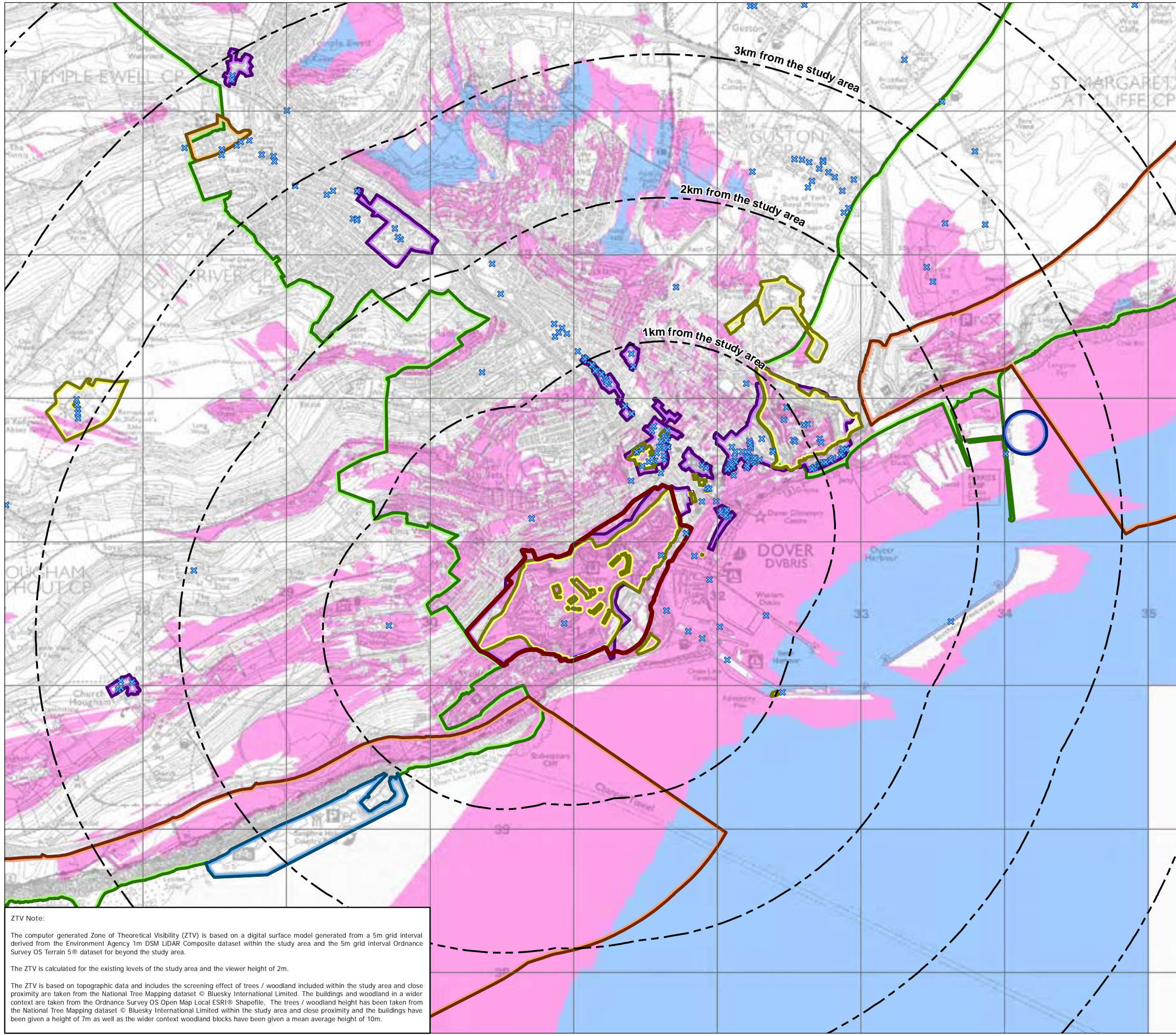
The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.

The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapelfile. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.

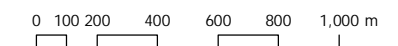
Western Heights
Combined Heritage and
Landscape Appraisal

Zone of Theoretical Visibility :
Vegetation Removal Analysis

- Fortress Interior



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Sapphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Zone of Theoretical Visibility :**
- Vegetation Removal Analysis
 - 21 - 40% of points visible
 - 1 - 20% of points visible



Scale @ A3 - 1:25,000

A099905 HL27-5 ZTV Veg Removal - Fortress March 2017

5th Floor, Longcross Court, 47 Newport Road, Cardiff CF24 0AD
 ☎ +44 (0)29 2082 9200 ✉ cardiff@wyg.com 🌐 www.wyg.com

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The ZTV is calculated for the existing levels of the study area and the viewer height of 2m.

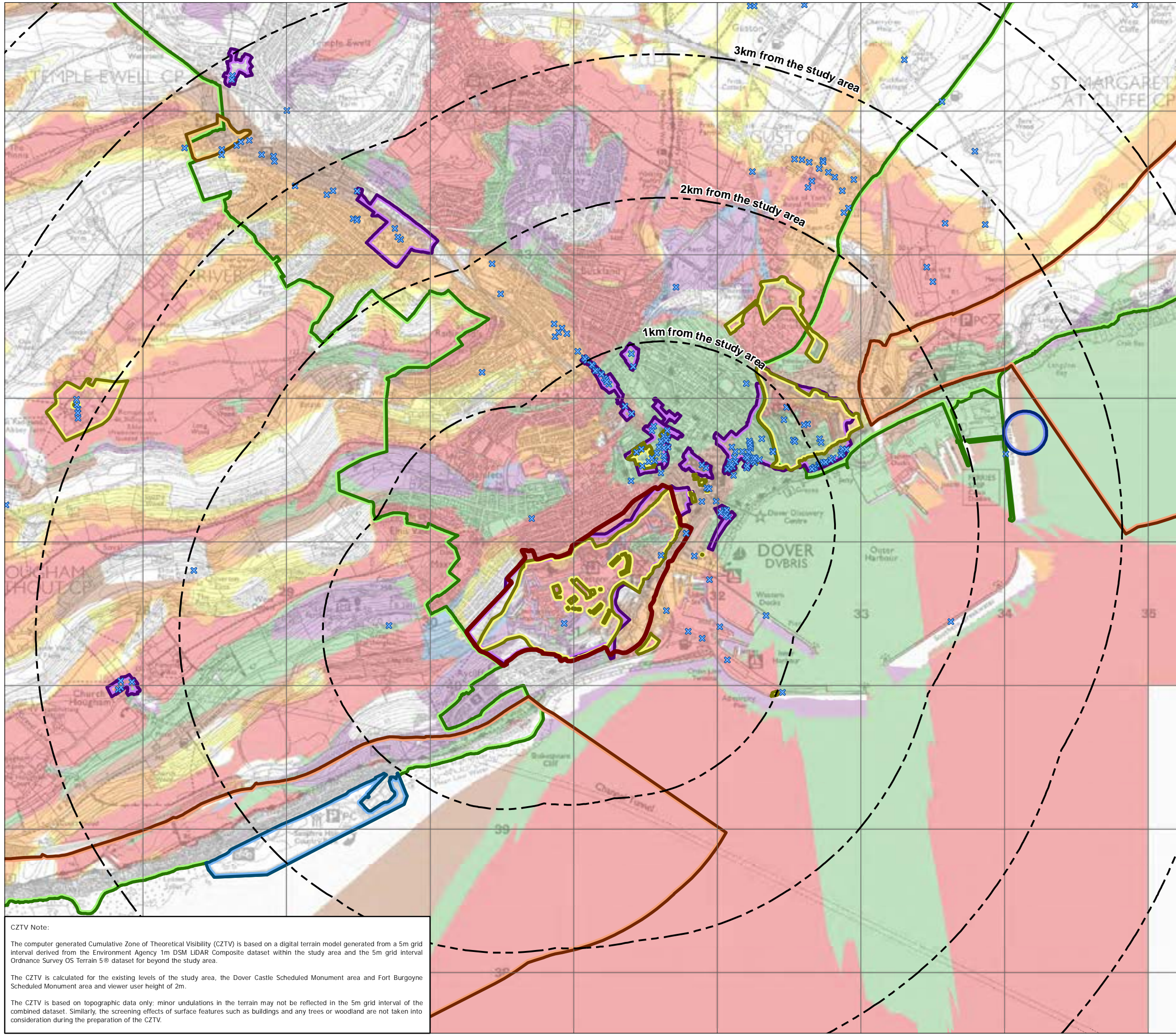
The ZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapfile. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m.



Western Heights
Combined Heritage and
Landscape Appraisal

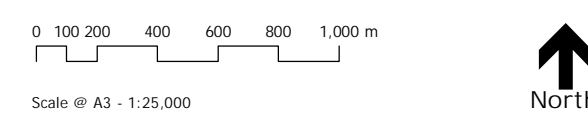
Cumulative HL.28-1
Zone of
Theoretical Visibility :
Bare Earth Analysis

- Visibility between Western
Heights, Dover Castle and
Fort Burgoyne



- Key**
- Study area
 - 1km buffers from study area
 - Landscape and Heritage Designations :**
 - 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Samphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings

- Cumulative Zone of Theoretical Visibility :**
- Bare Earth Analysis
- All three sites
 - Western Heights and Fort Burgoyne
 - Western Heights and Dover Castle
 - Western Heights only
 - Dover Castle and Fort Burgoyne
 - Fort Burgoyne only
 - Dover Castle only



CZTV Note:

The computer generated Cumulative Zone of Theoretical Visibility (CZTV) is based on a digital terrain model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

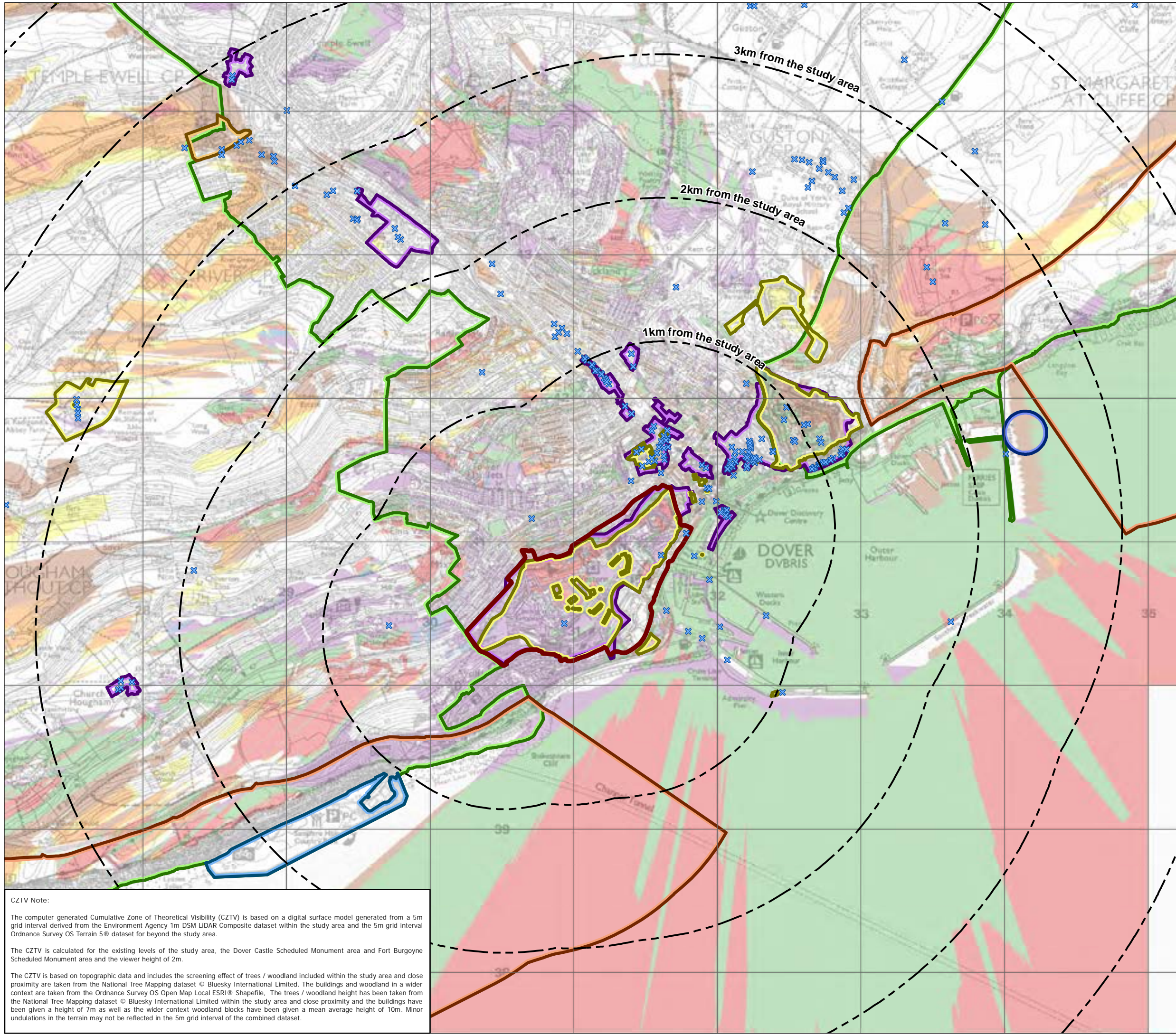
The CZTV is calculated for the existing levels of the study area, the Dover Castle Scheduled Monument area and Fort Burgoyne Scheduled Monument area and viewer user height of 2m.

The CZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the CZTV.

Western Heights
Combined Heritage and
Landscape Appraisal

Cumulative HL.28-2
Zone of
Theoretical Visibility :
Screening Features Analysis

- Visibility between Western
Heights, Dover Castle and
Fort Burgoyne



- Key**
- Study area
 - 1km buffers from study area
- Landscape and Heritage Designations :**
- 'Kent Downs' Area of Outstanding Natural Beauty (AONB)
 - 'Saphire Hoe' Country Park
 - Conservation Areas
 - Heritage Coasts
 - 'Kearsney Court' Registered Park And Garden
 - Scheduled Monuments
 - 'Langdon Bay' Protected Wreck
 - Listed Buildings
- Cumulative Zone of Theoretical Visibility :**
- Screening Features Analysis
- All three sites
 - Western Heights and Fort Burgoyne
 - Western Heights and Dover Castle
 - Western Heights only
 - Dover Castle and Fort Burgoyne
 - Fort Burgoyne only
 - Dover Castle only

CZTV Note:

The computer generated Cumulative Zone of Theoretical Visibility (CZTV) is based on a digital surface model generated from a 5m grid interval derived from the Environment Agency 1m DSM LIDAR Composite dataset within the study area and the 5m grid interval Ordnance Survey OS Terrain 5® dataset for beyond the study area.

The CZTV is calculated for the existing levels of the study area, the Dover Castle Scheduled Monument area and Fort Burgoyne Scheduled Monument area and the viewer height of 2m.

The CZTV is based on topographic data and includes the screening effect of trees / woodland included within the study area and close proximity are taken from the National Tree Mapping dataset © Bluesky International Limited. The buildings and woodland in a wider context are taken from the Ordnance Survey OS Open Map Local ESRI® Shapefile. The trees / woodland height has been taken from the National Tree Mapping dataset © Bluesky International Limited within the study area and close proximity and the buildings have been given a height of 7m as well as the wider context woodland blocks have been given a mean average height of 10m. Minor undulations in the terrain may not be reflected in the 5m grid interval of the combined dataset.