



CLEVE HILL SOLAR PARK

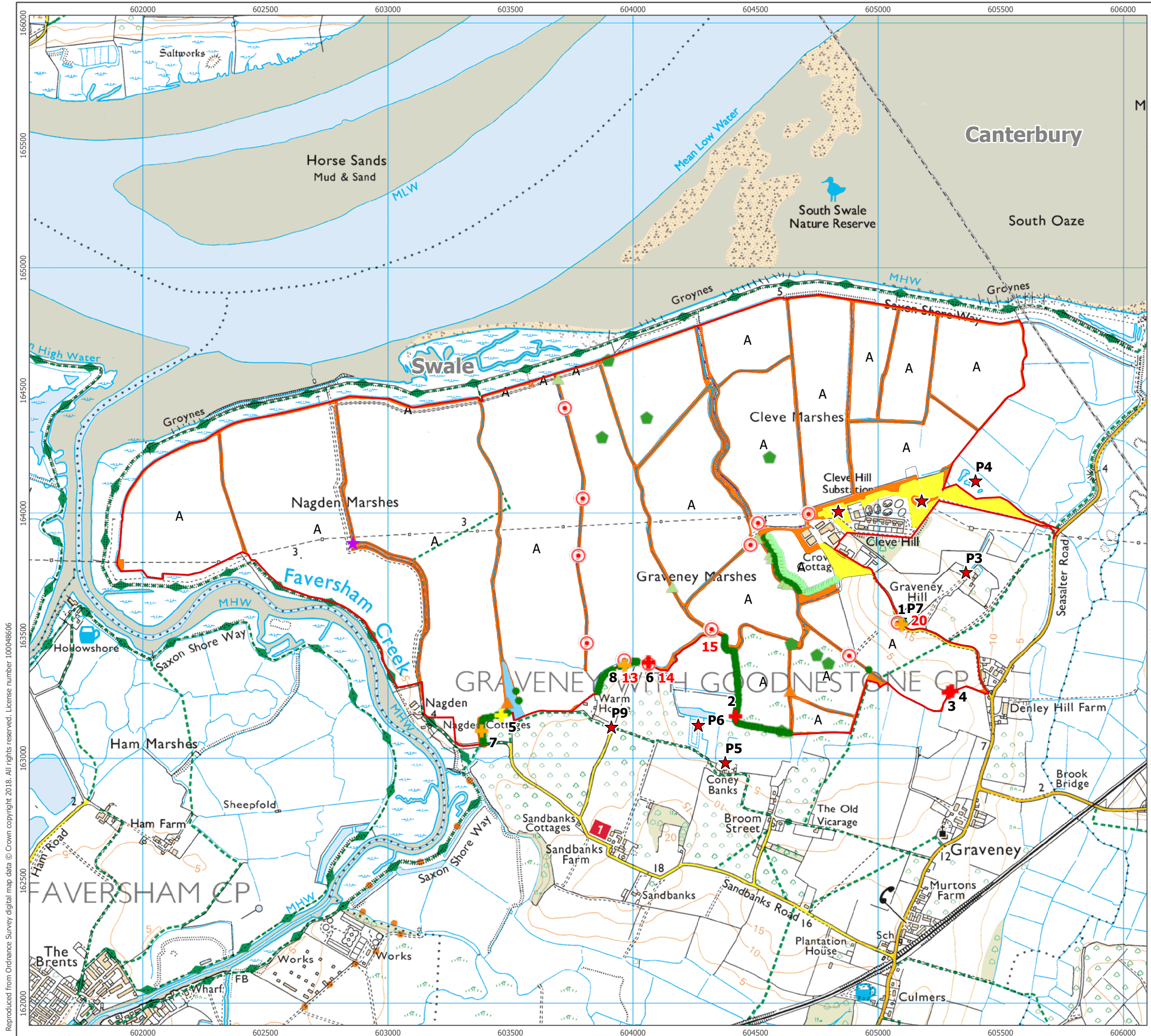
ENVIRONMENTAL STATEMENT
VOLUME 2 - FIGURES - ECOLOGY

November 2018
Revision A

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APFP Regulation: 5(2)(a)

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-  Ecology Core Study Area
-  Cultivated/disturbed land - amenity grassland
-  Cultivated/disturbed land - arable
-  Marsh/marshy grassland
-  Neutral grassland - semi-improved
-  Running water
-  Standing water
-  Swamp
-  Broadleaved parkland/scattered trees
-  Coniferous parkland/scattered trees
-  Scrub - scattered
-  Target Note
-  Bird Sightings
-  Water Vole Signs
-  Common Lizard Found
-  GCN HSI
-  Invasive Species: Lemna minor
- Bat Roost Assessment**
 -  High
 -  Low
 -  Moderate

1:15,000 Scale @ A3

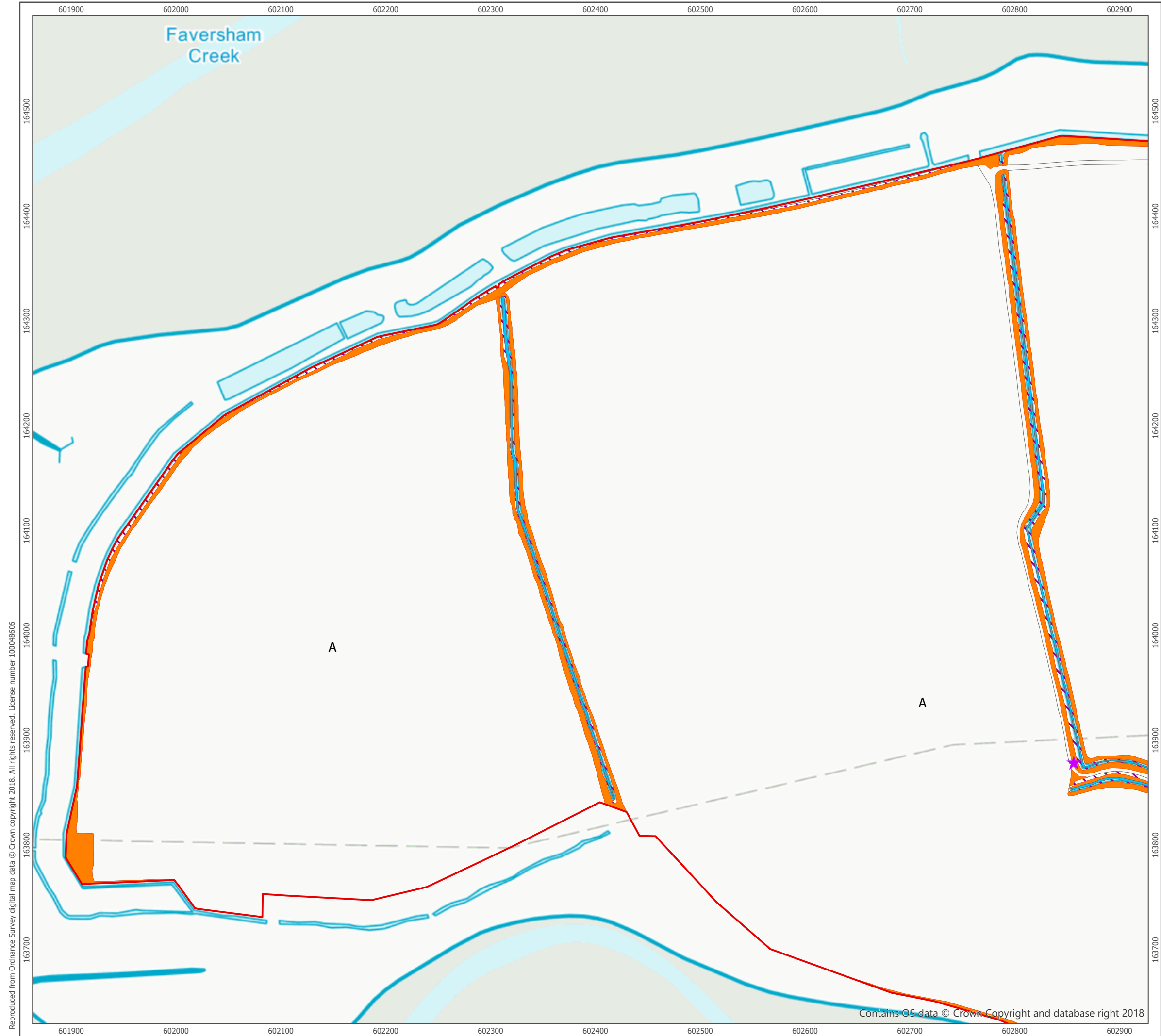
0 250 500 m



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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.1

**Cleve Hill Solar Park
Environmental Statement**



-  Ecology Core Study Area
-  Cultivated/disturbed land - arable
-  Marsh/marshy grassland
-  Neutral grassland - semi-improved
-  Running water
-  Common Lizard Found

1:3,500 Scale @ A3



0 50 100 Metres



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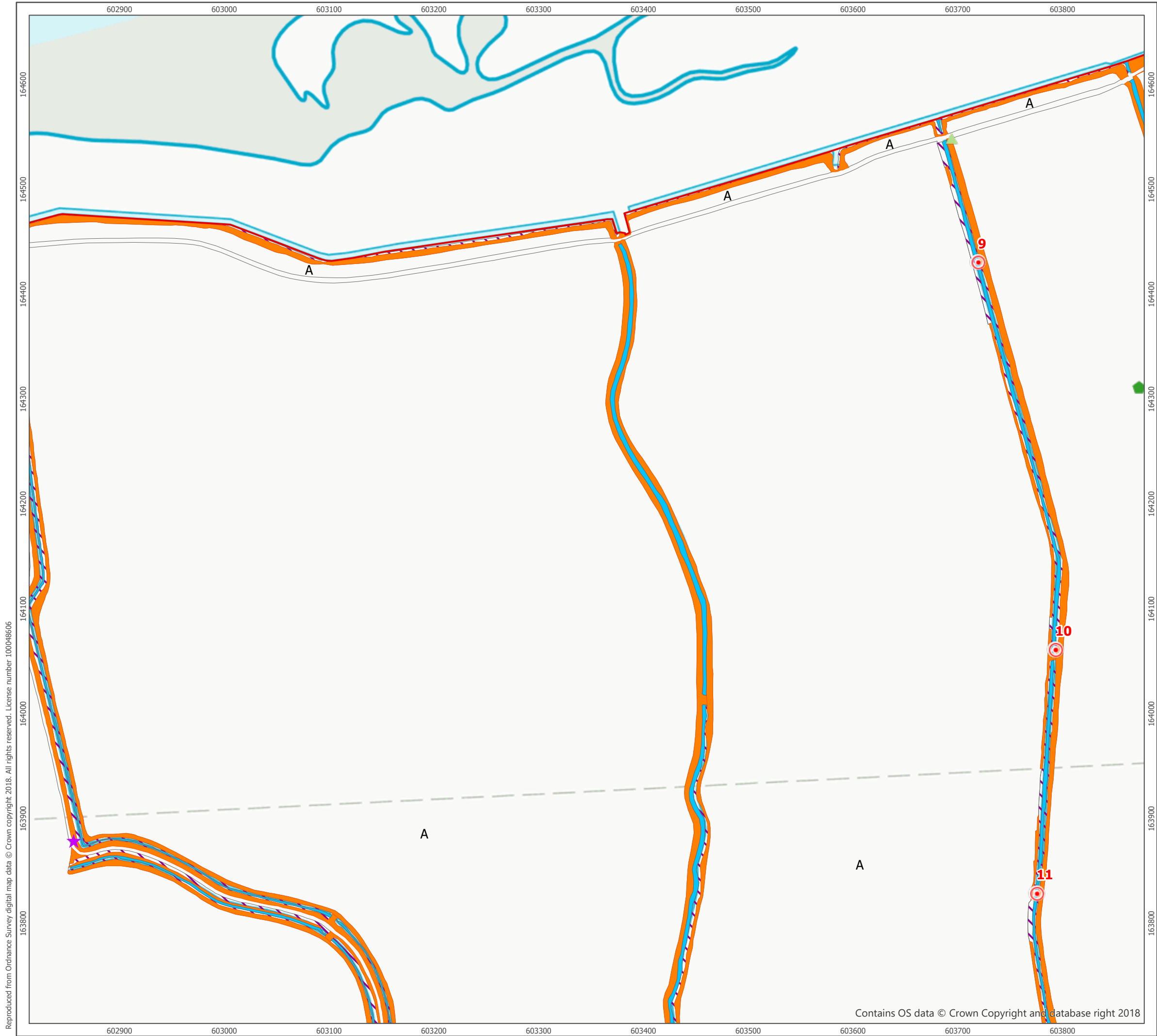
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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2.a

**Cleve Hill Solar Park
Environmental Statement**



Ecology Core Study Area

A Cultivated/disturbed land - arable

Marsh/marshy grassland

Neutral grassland - semi-improved

Running water

Target Note

Bird Sightings

Water Vole Signs

Common Lizard Found

1:3,500 Scale @ A3

0 50 100 Metres



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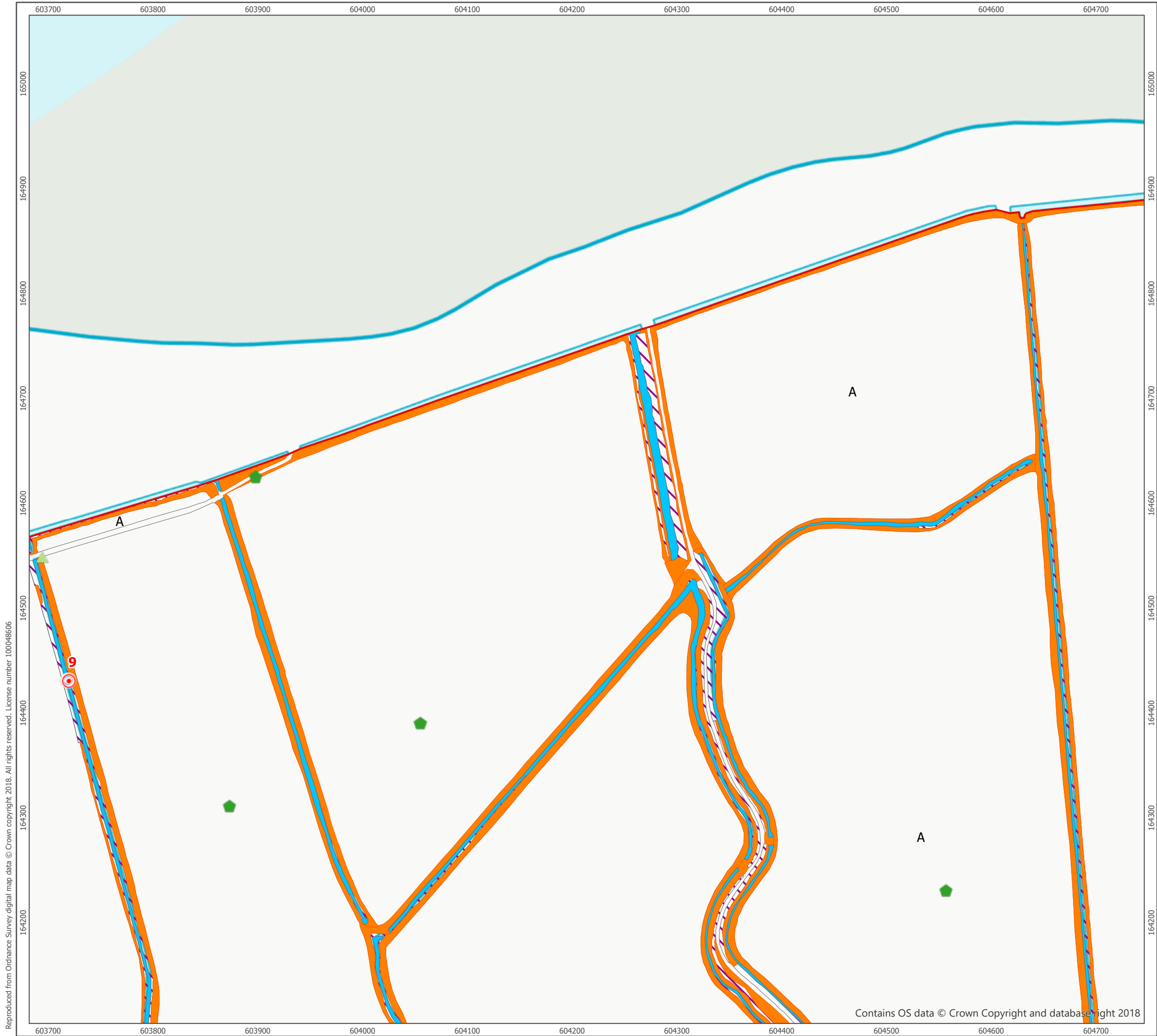
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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2b

**Cleve Hill Solar Park
Environmental Statement**



Ecology Core Study Area

A Cultivated/disturbed land - arable

Marsh/marshy grassland

Neutral grassland - semi-improved

Running water

Target Note

Bird Sightings

Water Vole Signs

1:3,500 Scale @ A3

0 50 100 Metres



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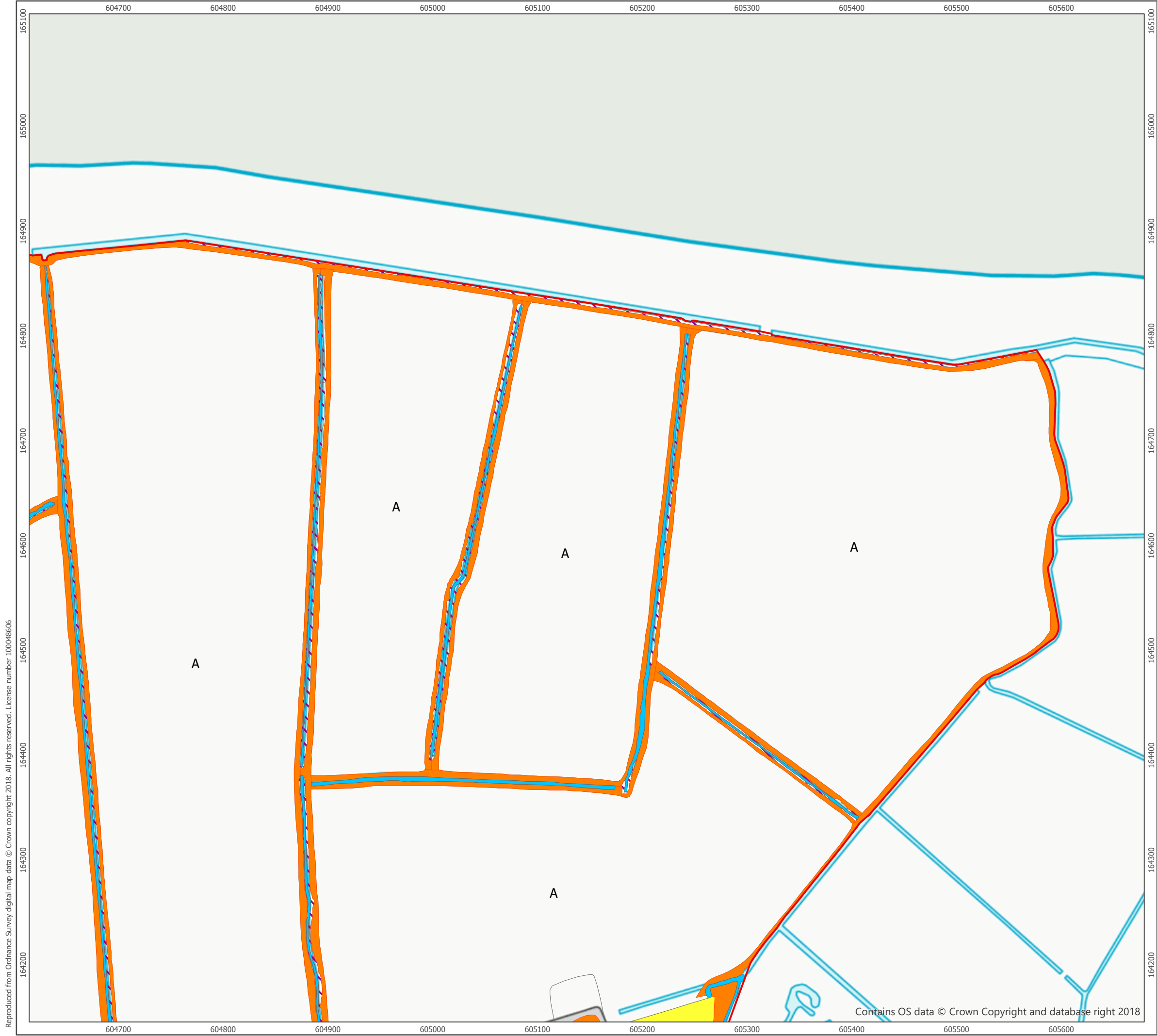
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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2c

**Cleve Hill Solar Park
Environmental Statement**



- Ecology Core Study Area
- Cultivated/disturbed land - amenity grassland
- Cultivated/disturbed land - arable
- Marsh/marshy grassland
- Neutral grassland - semi-improved
- Running water

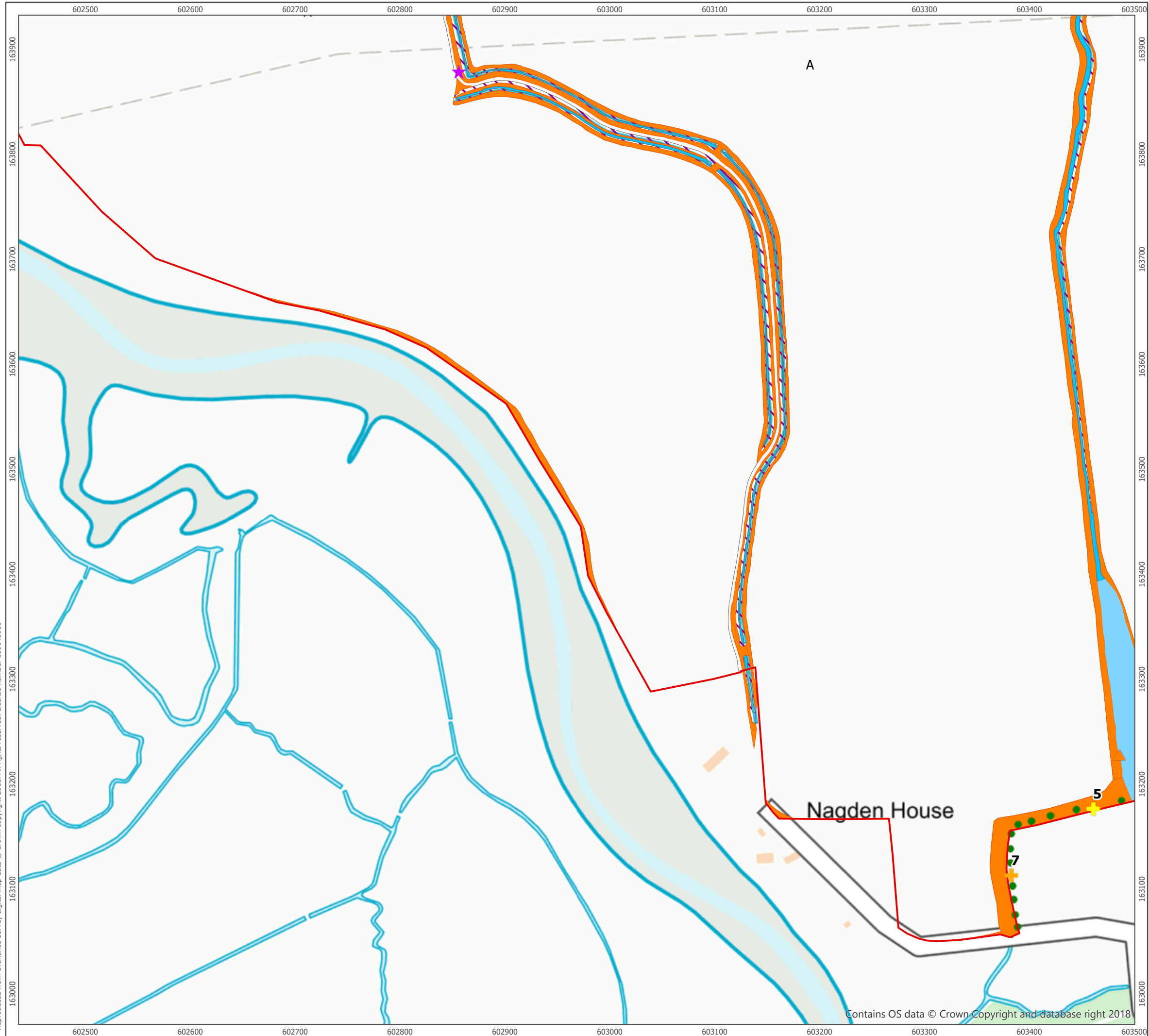


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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2d

**Cleve Hill Solar Park
Environmental Statement**

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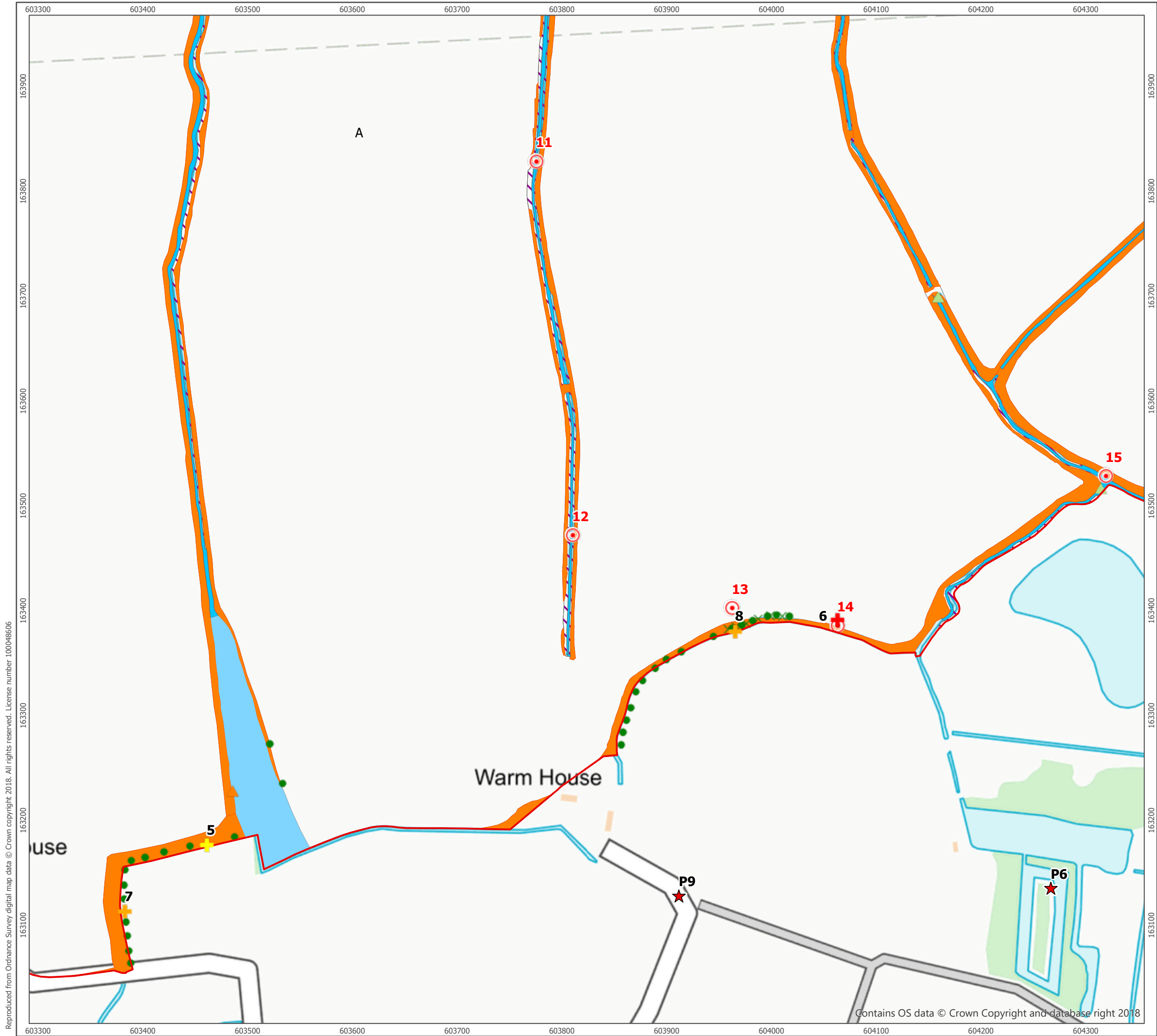


- Ecology Core Study Area
- A Cultivated/disturbed land - arable
- Marsh/marshy grassland
- Neutral grassland - semi-improved
- Running water
- Swamp
- Broadleaved parkland/scattered trees
- Common Lizard Found
- Invasive Species: Lemna minor
- Bat Roost Assessment
 - Moderate
 - Low



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Phase 1 Survey Area and
Habitat Areas (2018)
Figure 8.2e



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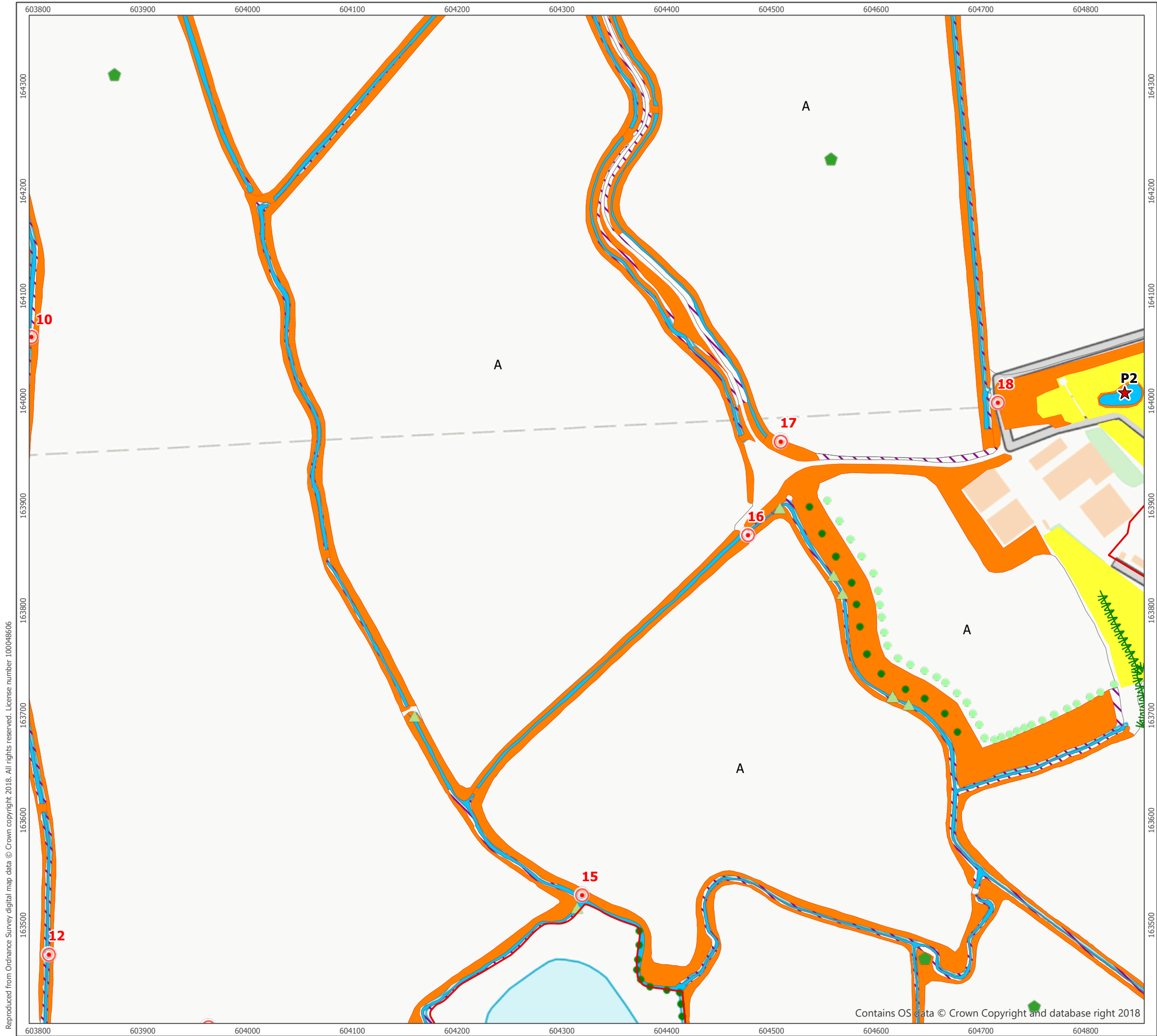
-  Ecology Core Study Area
-  Cultivated/disturbed land - arable
-  Marsh/marshy grassland
-  Neutral grassland - semi-improved
-  Running water
-  Swamp
-  Broadleaved parkland/scattered trees
-  Scrub - scattered
-  Target Note
-  Water Vole Signs
-  GCN HSI
-  Invasive Species: Lemna minor
- Bat Roost Assessment**
 -  High
 -  Moderate
 -  Low

1:3,500 Scale @ A3
 0 50 100 Metres
 NORTH

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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2f

**Cleve Hill Solar Park
Environmental Statement**



-  Ecology Core Study Area
-  Cultivated/disturbed land - amenity grassland
-  Cultivated/disturbed land - arable
-  Marsh/marshy grassland
-  Neutral grassland - semi-improved
-  Running water
-  Standing water
-  Hedge with trees - native species-rich
-  Broadleaved parkland/scattered trees
-  Coniferous parkland/scattered trees
-  Target Note
-  Bird Sightings
-  Water Vole Signs
-  GCN HSI

1:3,500 Scale @ A3

0 50 100 Metres



Produced By: KE

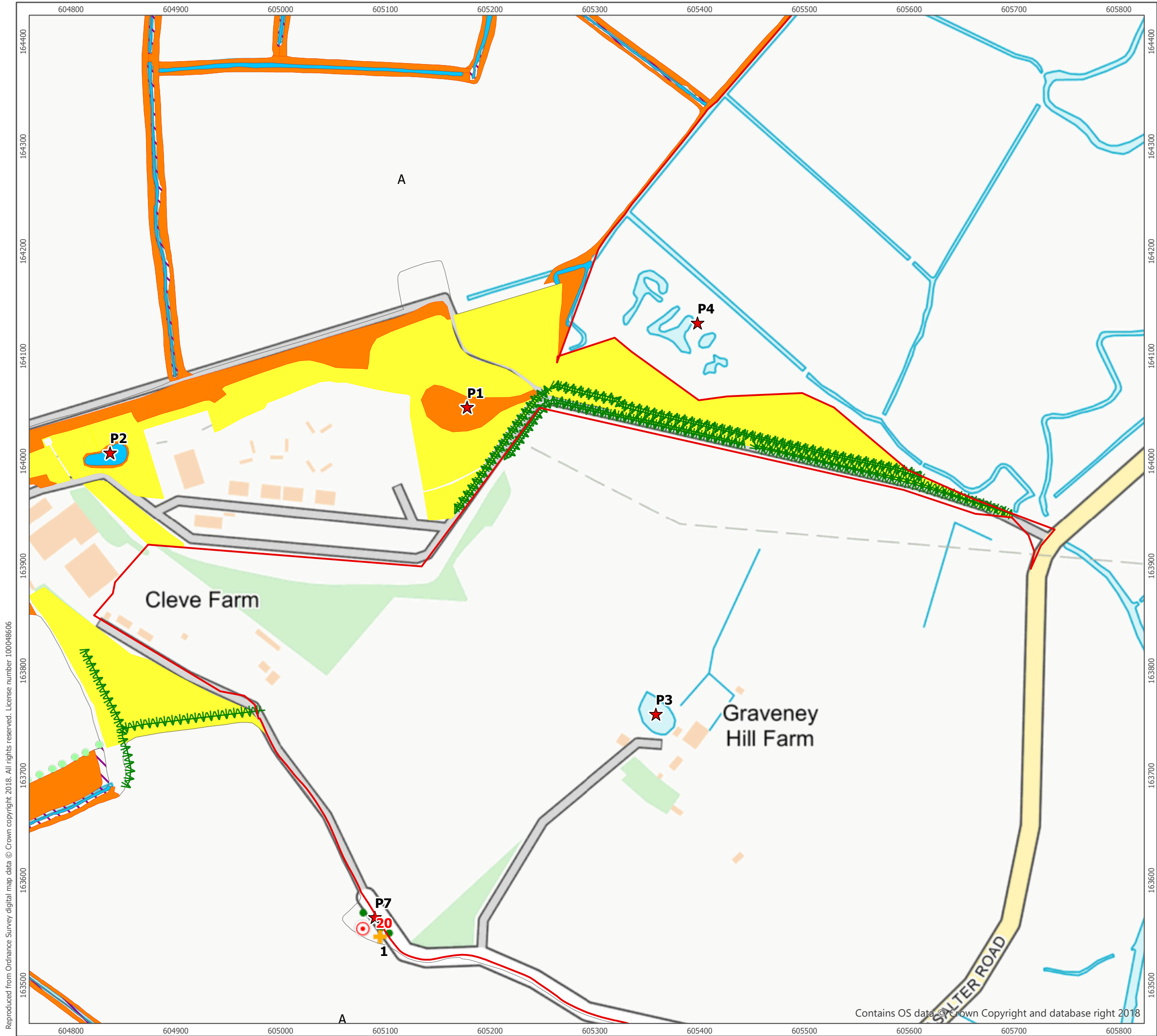
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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2g

**Cleve Hill Solar Park
Environmental Statement**



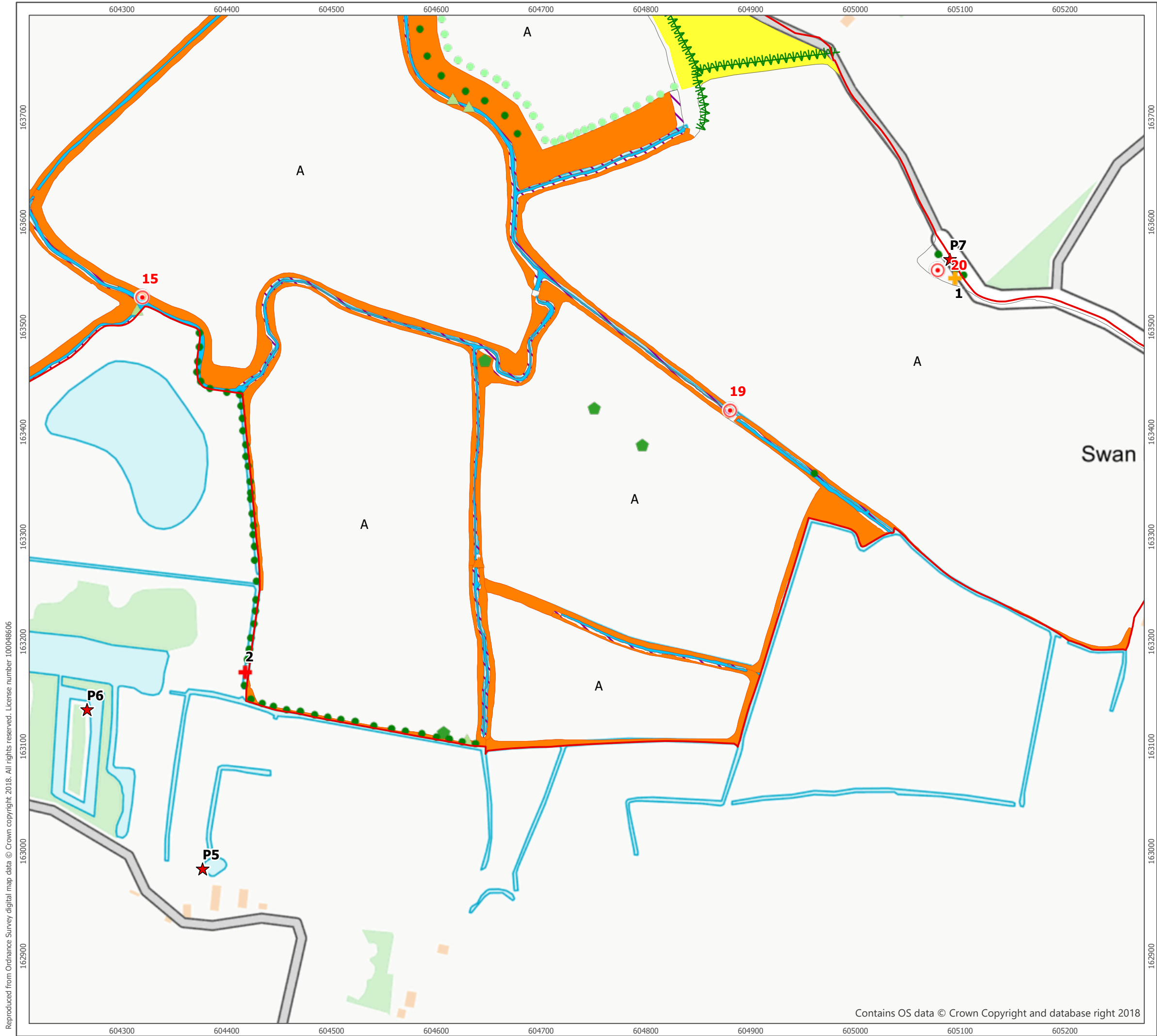
- Ecology Core Study Area
- Cultivated/disturbed land - amenity grassland
- Cultivated/disturbed land - arable
- Marsh/marshy grassland
- Neutral grassland - semi-improved
- Running water
- Standing water
- Hedge with trees - native species-rich
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Target Note
- GCN HSI
- Bat Roost Assessment
 - Moderate



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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2h

**Cleve Hill Solar Park
Environmental Statement**



-  Ecology Core Study Area
-  Cultivated/disturbed land - amenity grassland
-  Cultivated/disturbed land - arable
-  Marsh/marshy grassland
-  Neutral grassland - semi-improved
-  Running water
-  Hedge with trees - native species-rich
-  Broadleaved parkland/scattered trees
-  Coniferous parkland/scattered trees
-  Target Note
-  Bird Sightings
-  Water Vole Signs
-  GCN HSI
-  Invasive Species: Lemna minor
- Bat Roost Assessment**
 -  High
 -  Moderate

1:3,500 Scale @ A3

0 50 100 Metres



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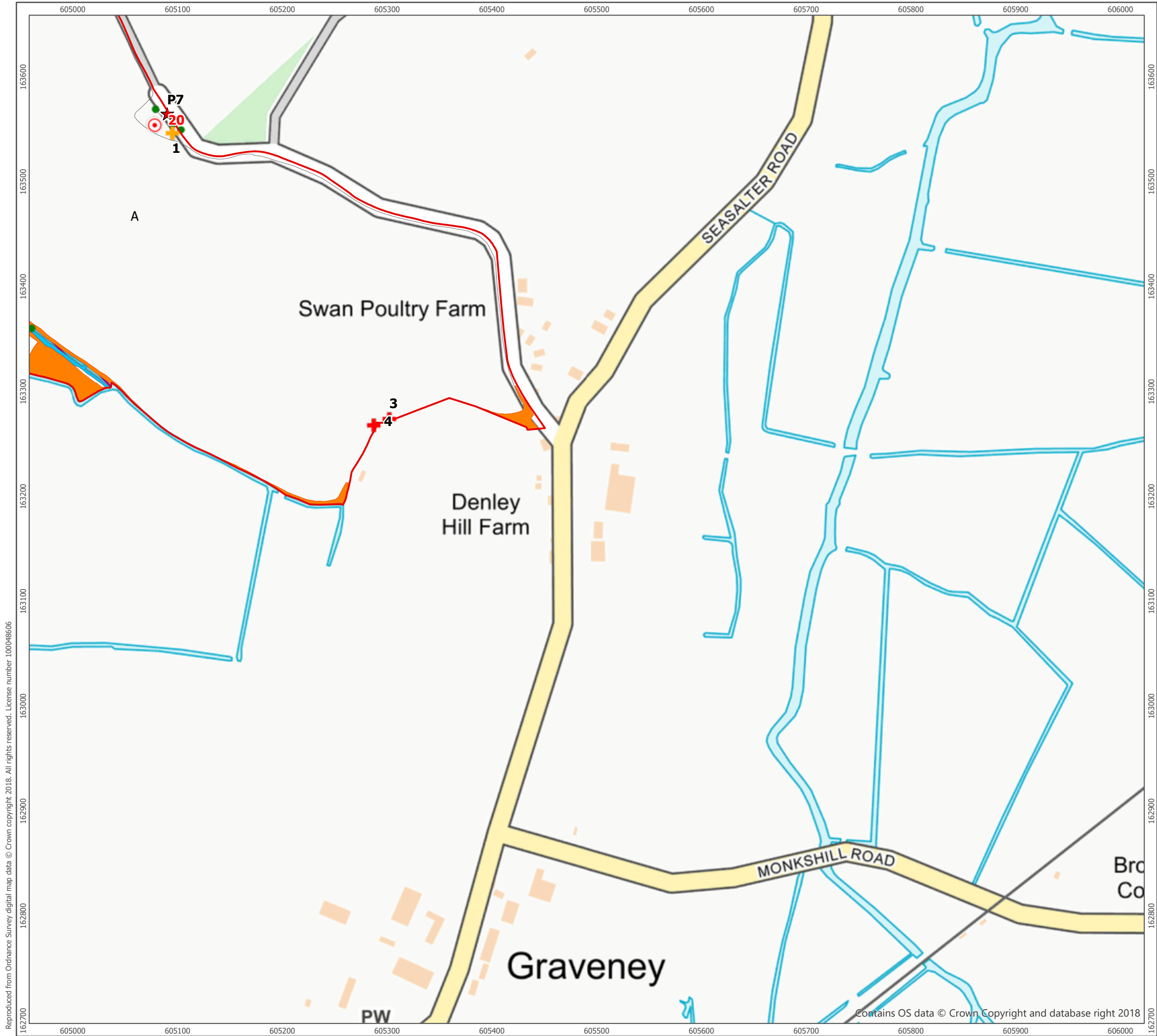
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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2i

**Cleve Hill Solar Park
Environmental Statement**



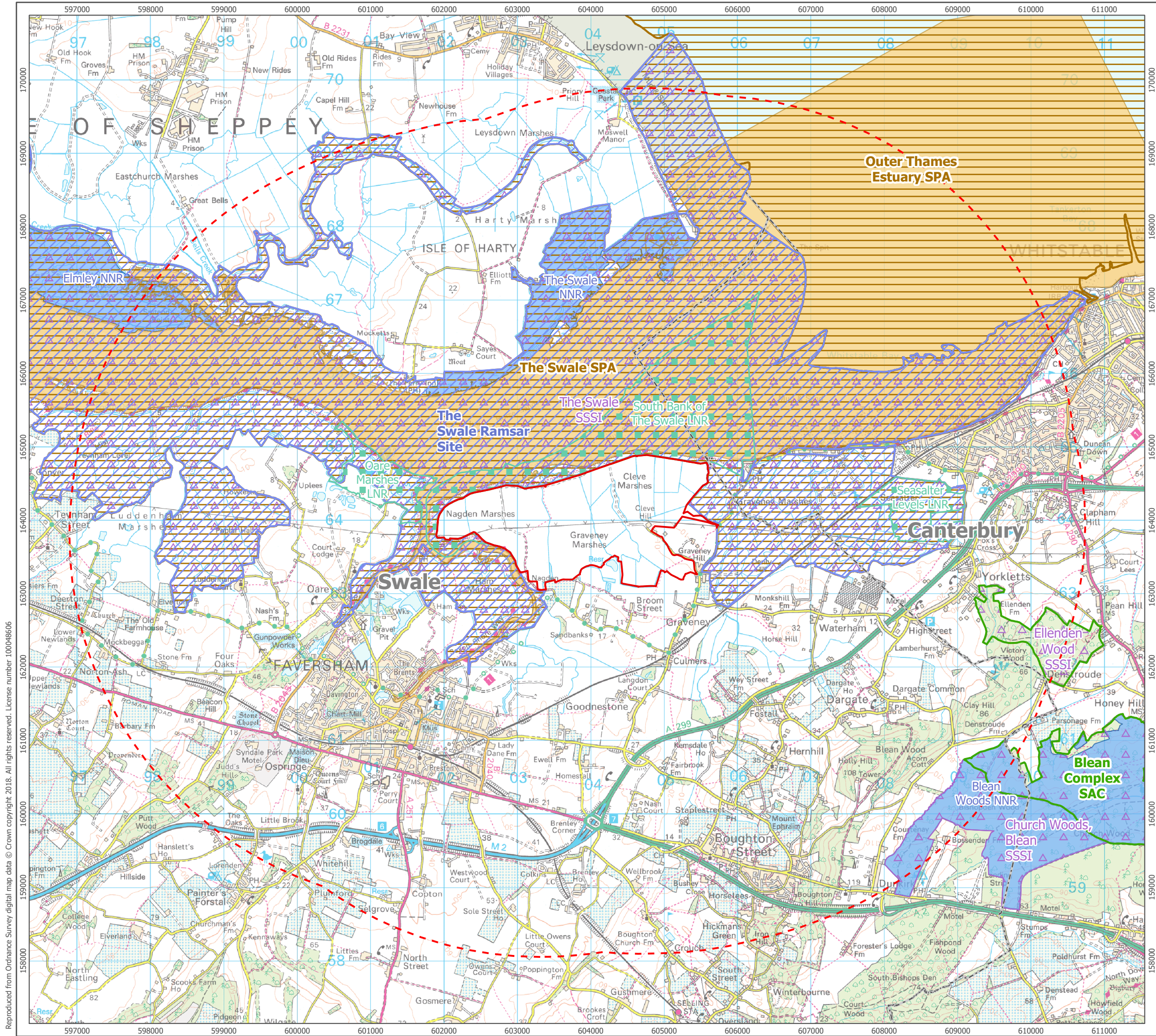
- Ecology Core Study Area
- A Cultivated/disturbed land - arable
- Marsh/marshy grassland
- Neutral grassland - semi-improved
- Running water
- Broadleaved parkland/scattered trees
- Target Note
- GCN HSI
- Bat Roost Assessment
 - High
 - Moderate



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**Phase 1 Survey Area and
Habitat Areas (2018)**
Figure 8.2j

**Cleve Hill Solar Park
Environmental Statement**



-  Ecology Core Study Area
-  5km Buffer of Ecology Core Study Area
-  Special Protection Areas (SPA)
-  Special Areas of Conservation (SAC)
-  Ramsar Site
-  Sites of Special Scientific Interest (SSSI)
-  Swale Estuary Marine Conservation Zone
-  National Nature Reserve (NNR)
-  Local Nature Reserves (LNR)

1:50,000 Scale @ A3
 0 1 2 km


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Location of Statutory and Non-Statutory Designated Sites
Figure 8.3



- Ecology Core Study Area
- Protected and Priority Species Search Buffer (2 km)
- Statutory and Non-Statutory Designated Site Search Buffer (5km)

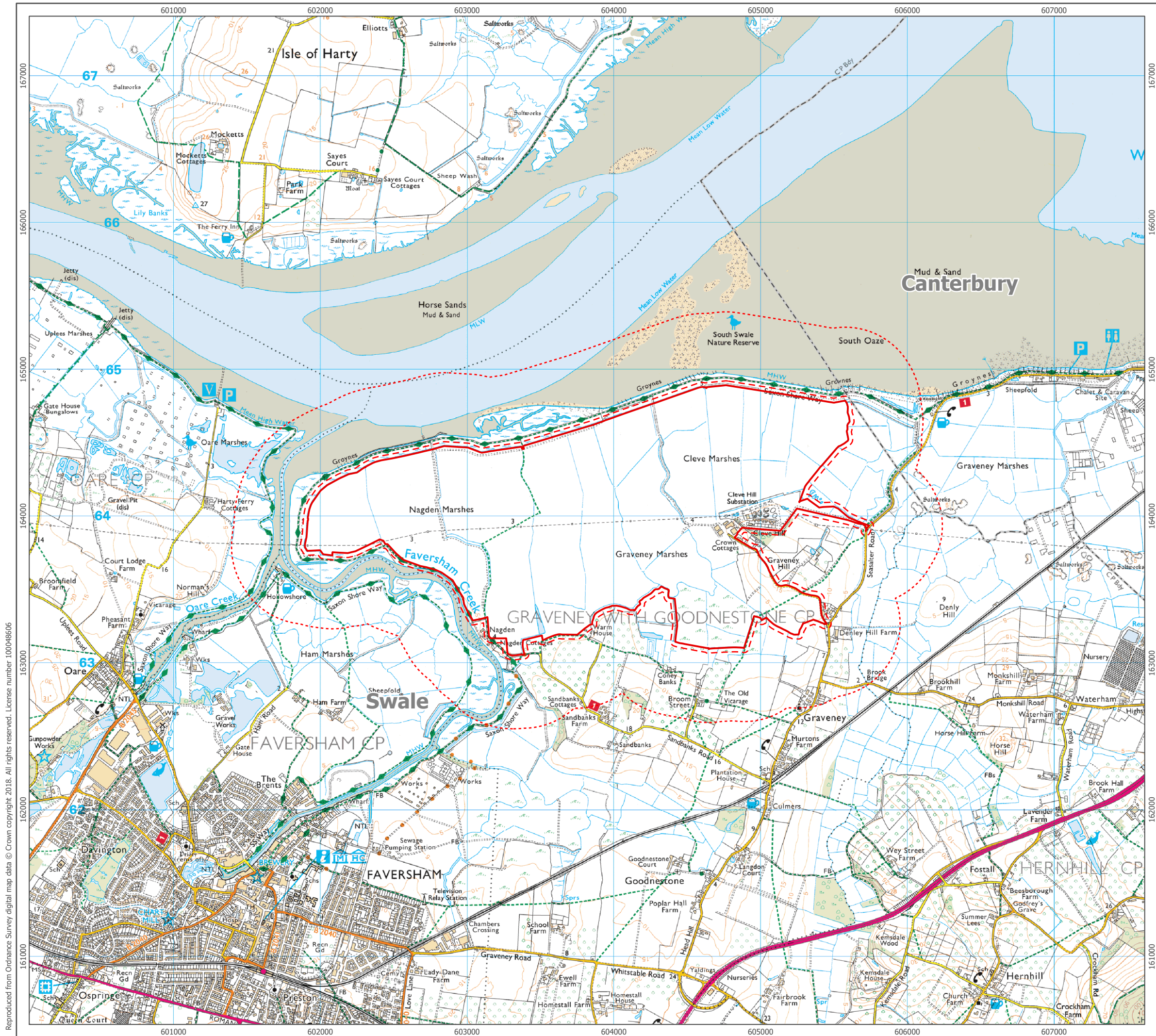
1:50,000 Scale @ A3
0 1 2 km
NORTH

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Designated Sites and Bat Species Zone of Influence Search Buffers
Figure 8.4a

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- Ecology Core Study Area
- Great Crested Newt Search Area (500m)
- Badger Search Area (30m)

District Boundaries

- Environment_line
- District Council Boundaries

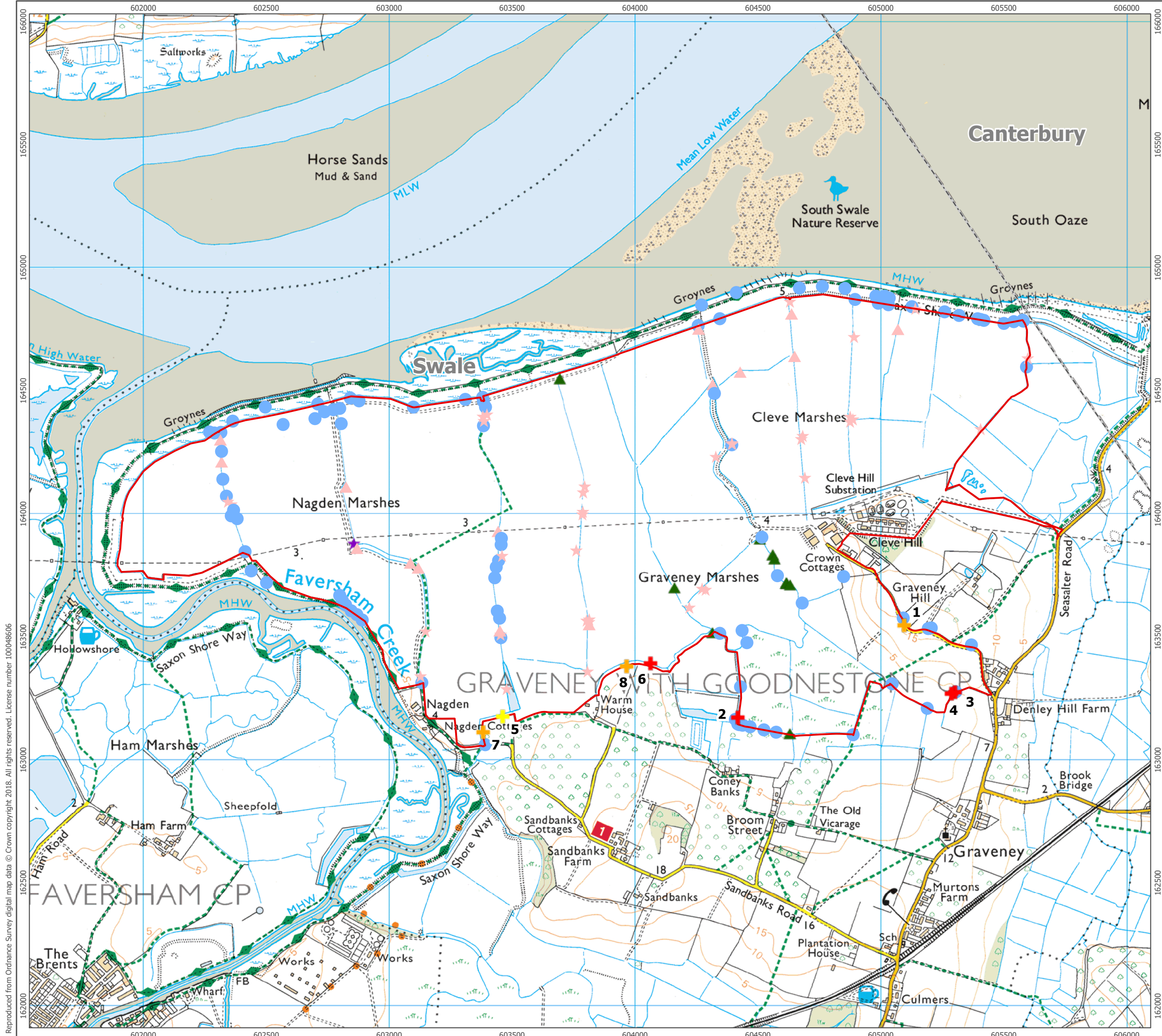


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Protected Species Zone of Influence
Search Buffers: Badgers and Great Crested Newts
Figure 8.4b

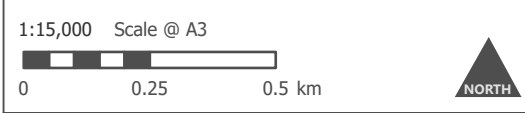
Cleve Hill Solar Park
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-  Ecology Core Study Area
- 2015**
-  Water Vole (8th Sept - 11th Sept 2015)
 -  Bats (25th June, 10th - 11th August, 10th Sept 2015)
 -  Reptile (23rd Sept - 9th Octo 2015)
- 2018**
-  Water Vole Signs
 -  Common Lizard Found
- Trees with Bat Roost Potential 2018
-  High
 -  Low
 -  Moderate



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Protected Species Location Results
Figure 8.5

**Cleve Hill Solar Park
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