



## **Rampion Offshore Wind Farm**



### **ES Section 24 – Terrestrial Ecology** **Figures 24.1 – 24.2**

**RSK Environmental Ltd**

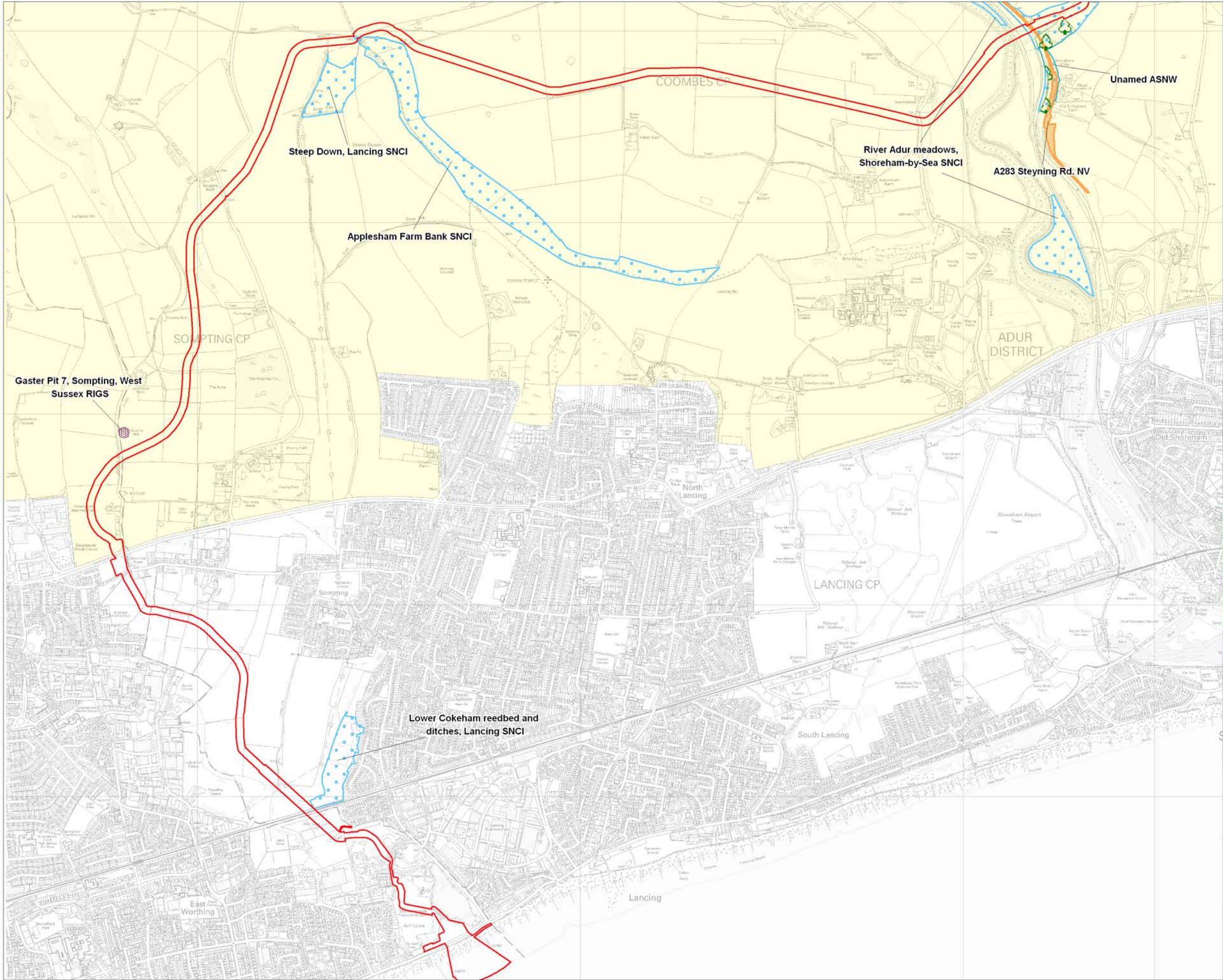
**Document 6.2.24**

**December 2012**

**APFP Regulation 5(2)(a)**

**Revision A**

**E.ON Climate & Renewables UK Rampion Offshore Wind Limited**



- Legend :**
- Development Boundary
  - Site of Special Scientific Interest (SSSI)
  - South Downs National Park
  - Site of Nature Conservation Importance (SNCI)
  - Ancient Semi-Natural Woodland (ASNW)
  - Notable Verge
  - Regionally Important Geological / Geomorphological Site (RIGS)



| Rev | Date     | Description | Drn | Chk | App |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | BDS         | RG  | NH  | VG  |

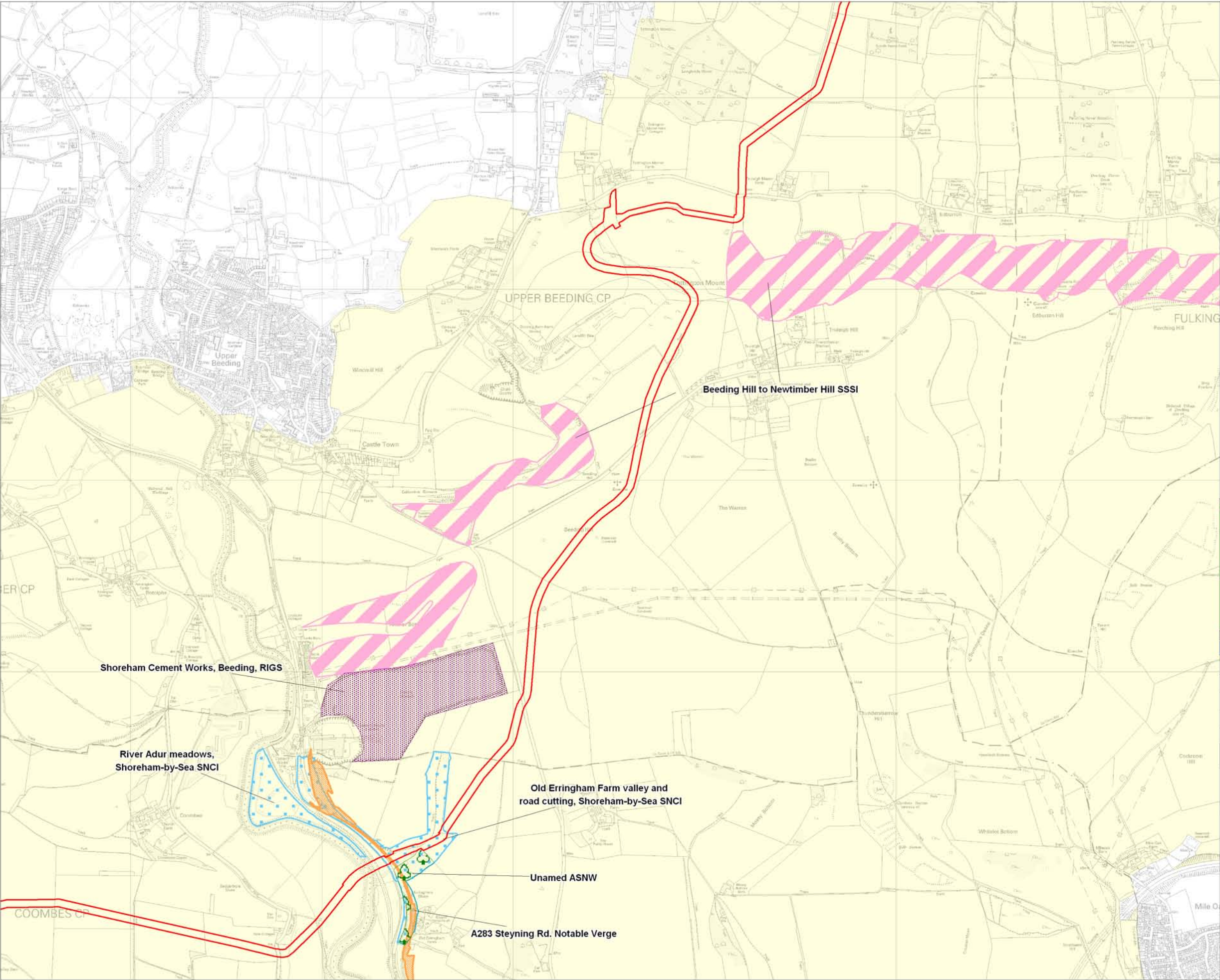
**Rampion Wind Farm**



**Title :**  
Figure 24.1 -  
Designated Sites  
Map 1 of 4

0 250 500  
metres  
Scale = 1:20,000 @ A3

N  
W E  
S  
REV 16



**Legend :**

- Development Boundary
- Site of Special Scientific Interest (SSSI)
- South Downs National Park
- Site of Nature Conservation Importance (SNCI)
- Ancient Semi-Natural Woodland (ASNW)
- Notable Verge
- Regionally Important Geological / Geomorphological Site (RIGS)



|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | BDS         | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**

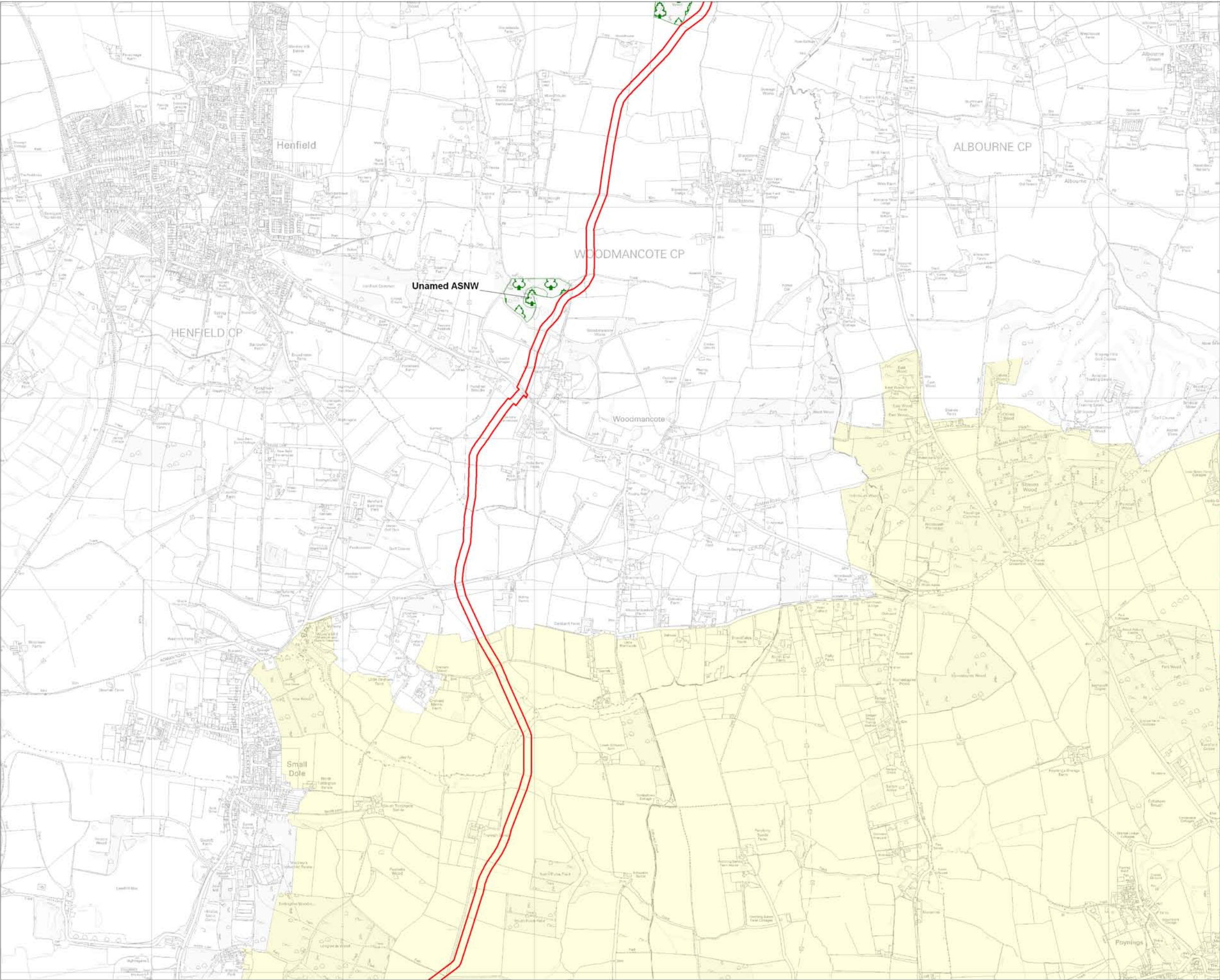


**Title :**  
Figure 24.1 - Designated Sites  
Map 2 of 4

0 250 500  
metres  
Scale = 1:20,000 @ A3

N  
W E  
S

REV 16



- Legend :**
- Development Boundary
  - Site of Special Scientific Interest (SSSI)
  - South Downs National Park
  - Site of Nature Conservation Importance (SNCI)
  - Ancient Semi-Natural Woodland (ASNW)
  - Notable Verge
  - Regionally Important Geological / Geomorphological Site (RIGS)

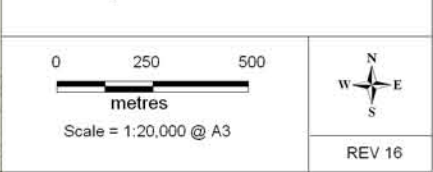


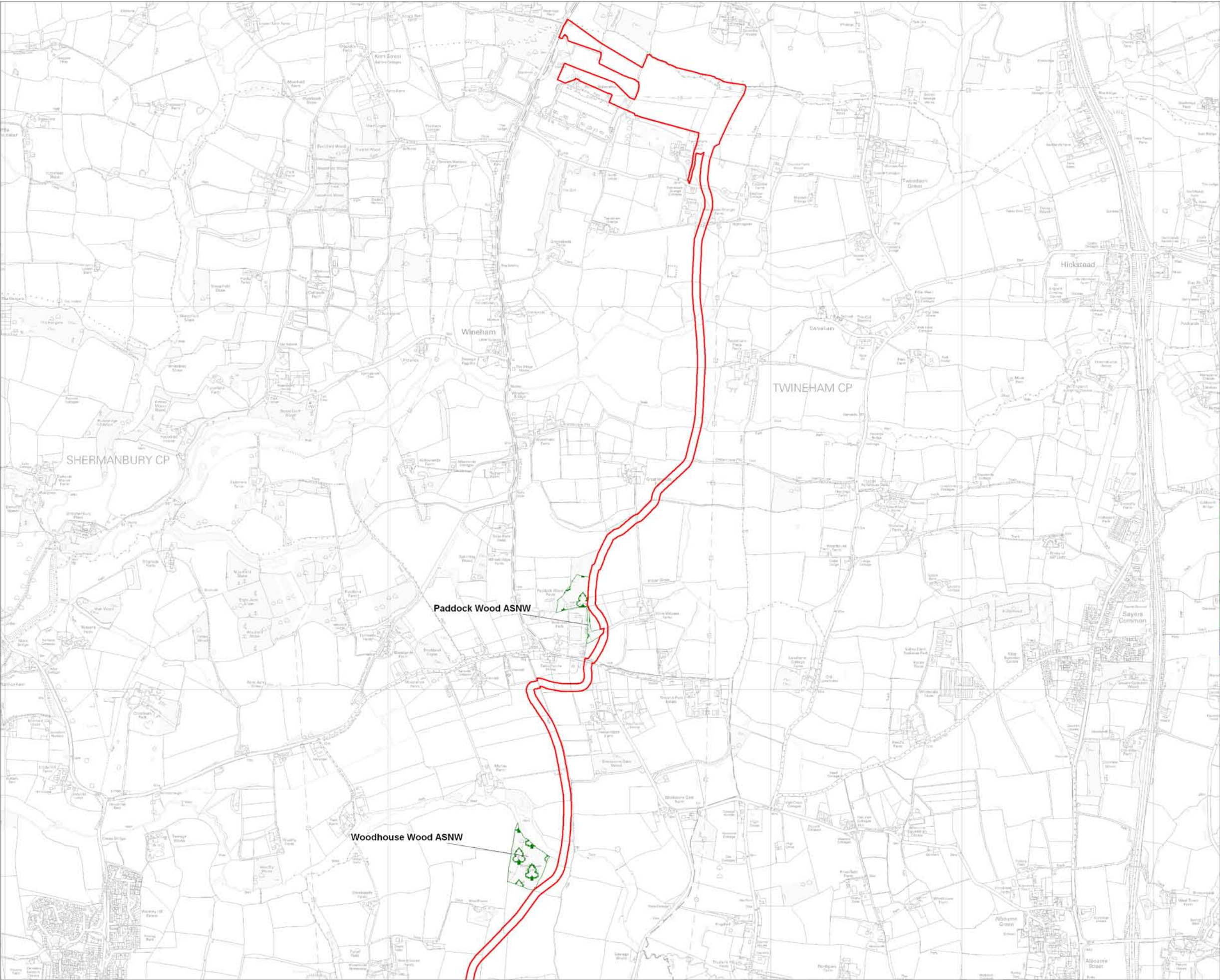
|     |          |             |    |     |     |
|-----|----------|-------------|----|-----|-----|
| 00  | 21.11.12 | BDS         | RG | NH  | VG  |
| Rev | Date     | Description | Dn | Chk | App |

Rampion Wind Farm



**Title :**  
Figure 24.1 - Designated Sites  
Map 3 of 4





**Legend :**

- Development Boundary
- Site of Special Scientific Interest (SSSI)
- South Downs National Park
- Site of Nature Conservation Importance (SNCI)
- Ancient Semi-Natural Woodland (ASNW)
- Notable Verge
- Regionally Important Geological / Geomorphological Site (RIGS)

|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | BDS         | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**

**RSK e-on**

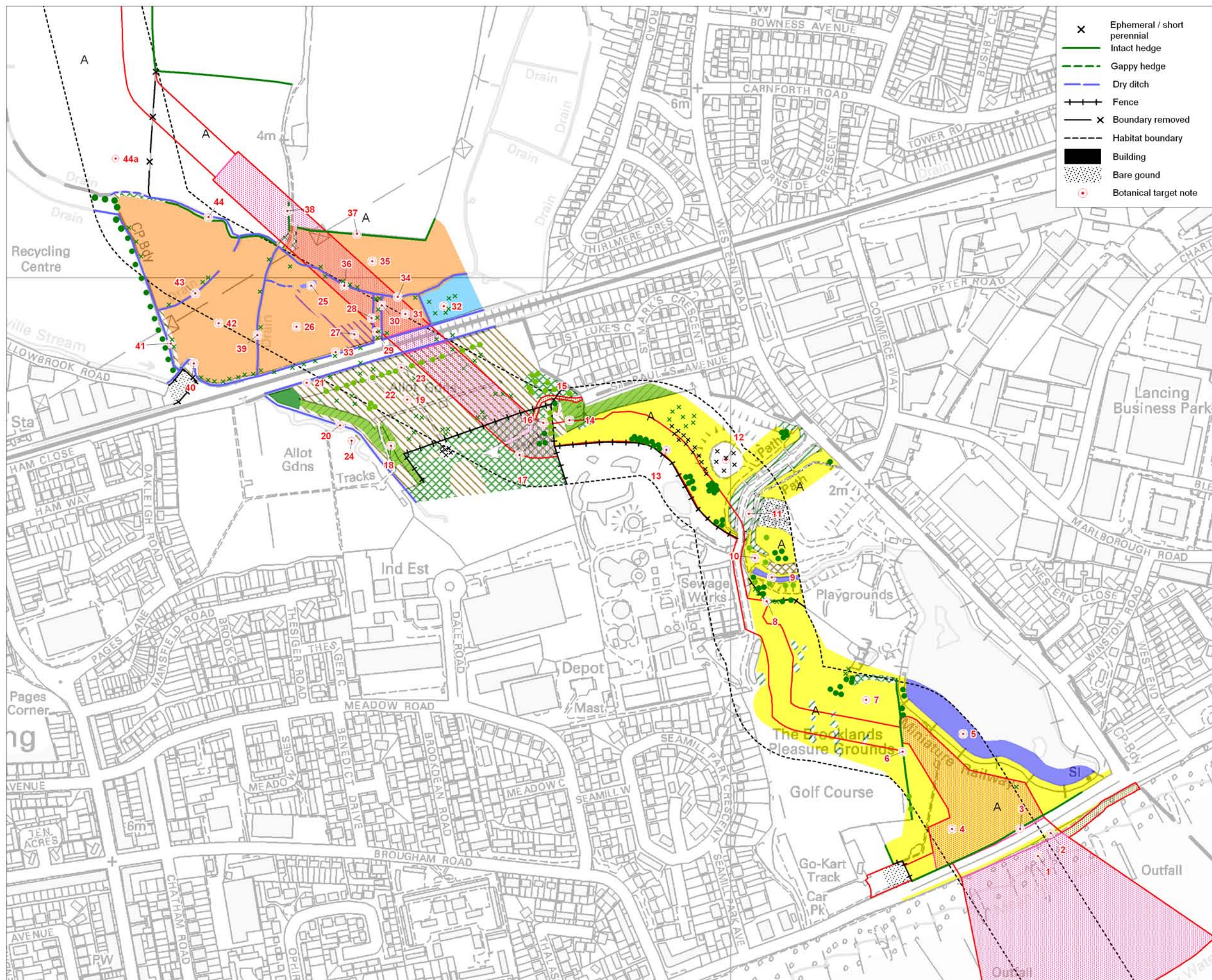
**Title :**

Figure 24.1 - Designated Sites  
Map 4 of 4

0 250 500  
metres  
Scale = 1:20,000 @ A3

N  
W  
E  
S

REV 16



**Legend:**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Permanent Land Take
- Substation Temporary Land Take
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI/I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Other Symbols:**

- Ephemeral / short perennial
- Intact hedge
- Gappy hedge
- Dry ditch
- Fence
- Boundary removed
- Habitat boundary
- Building
- Bare ground
- Botanical target note

**Map Details:**

00 21.11.12 P1 RG NH VG

Rev Date Description Drn Chk App

**Rampion Wind Farm**

**RSK e-on**

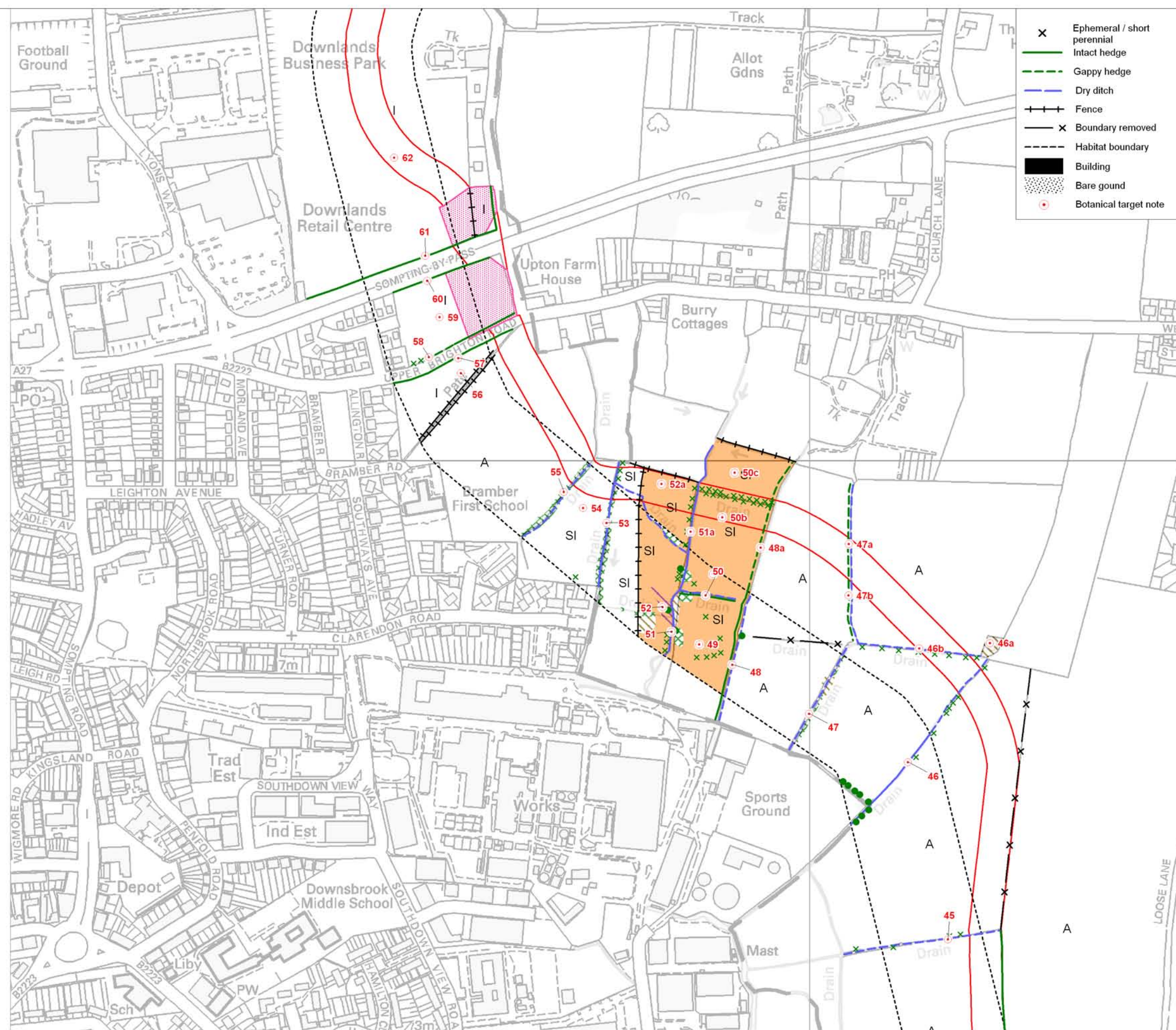
**Title:**

Figure 24.2 - Botanical Phase 1 Survey Map 1 of 18

0 50 100 metres

Scale = 1:5,000 @ A3

REV 16



- Legend:**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Permanent Land Take
  - Substation Temporary Land Take
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub
- Other symbols:**
- × Ephemeral / short perennial
  - Intact hedge
  - Gappy hedge
  - Dry ditch
  - Fence
  - Boundary removed
  - Habitat boundary
  - Building
  - Bare ground
  - Botanical target note

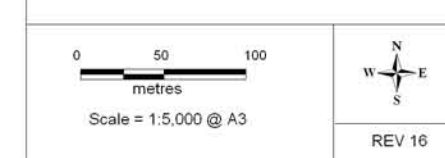


|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

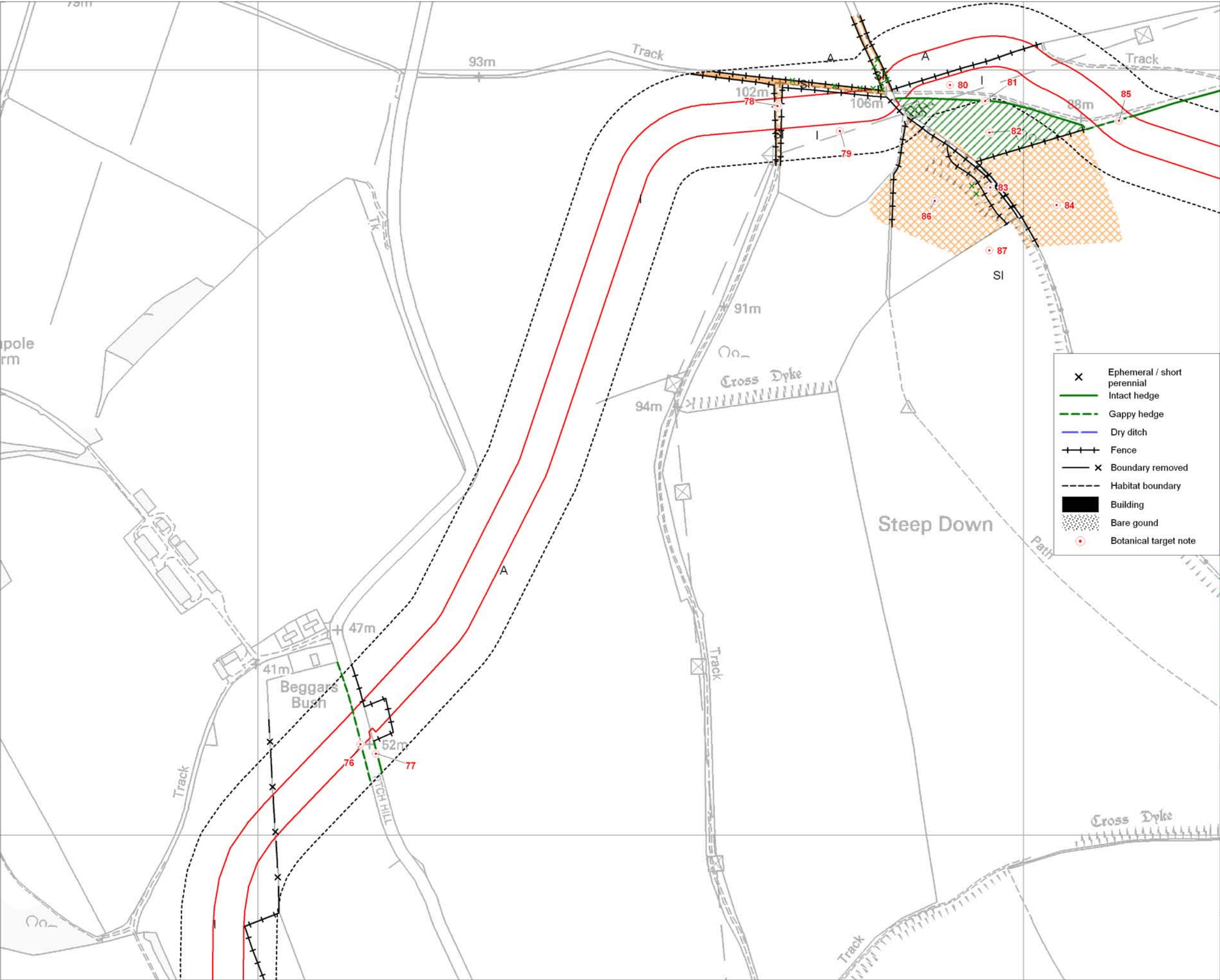
**Rampion Wind Farm**



**Title:**  
Figure 24.2 -  
Botanical Phase 1 Survey  
Map 2 of 18







**Legend:**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Permanent Land Take
- Substation Temporary Land Take
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI / I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Other Symbols:**

- × Ephemeral / short perennial
- Intact hedge
- Gappy hedge
- Dry ditch
- Fence
- Boundary removed
- Habitat boundary
- Building
- Bare ground
- Botanical target note



|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**

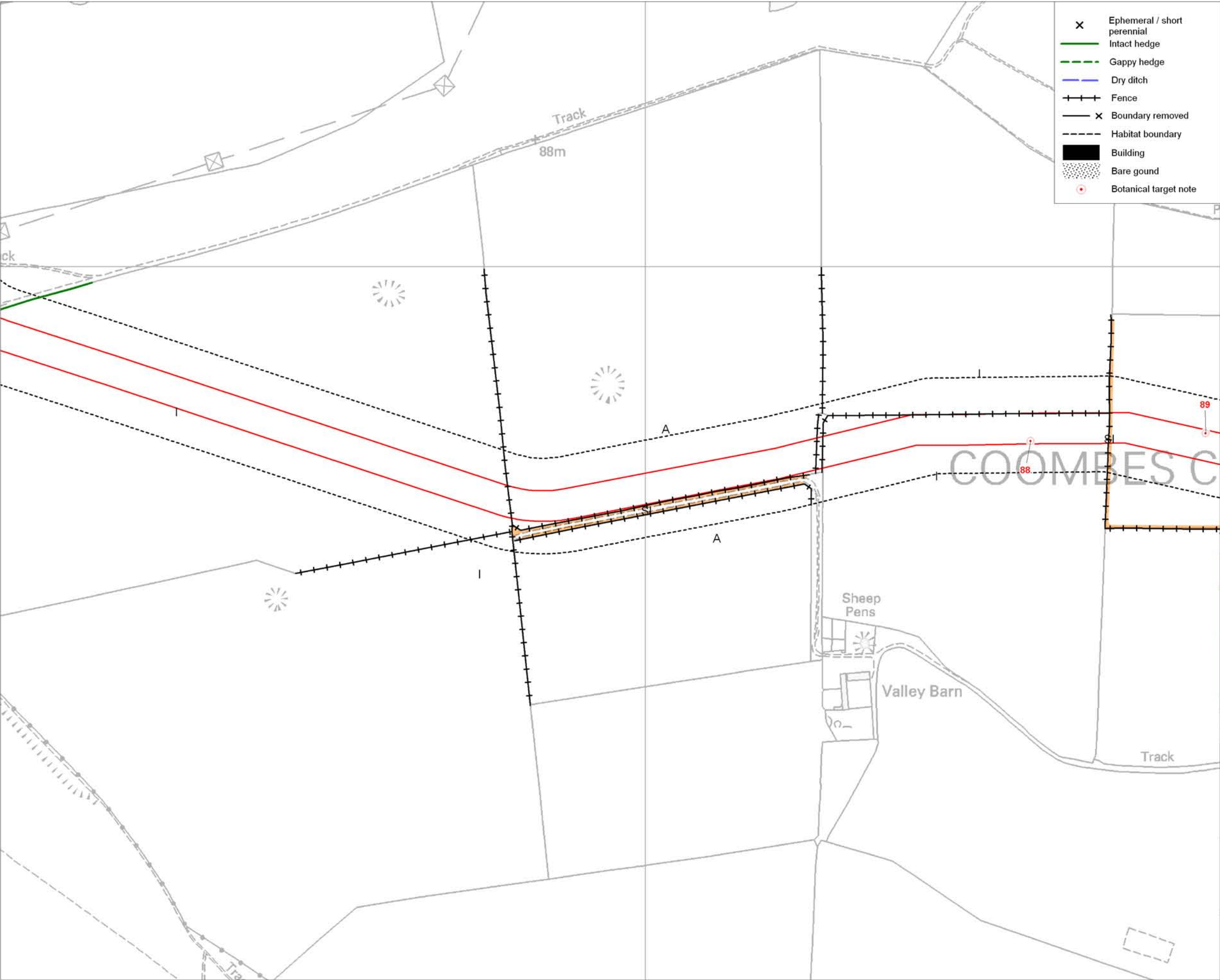


**Title:**  
Figure 24.2 -  
Botanical Phase 1 Survey  
Map 4 of 18

0 50 100  
metres  
Scale = 1:5,000 @ A3

N  
W E  
S

REV 16



- × Ephemeral / short perennial
- Intact hedge
- Gappy hedge
- Dry ditch
- Fence
- × Boundary removed
- Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend:
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Permanent Land Take
  - Substation Temporary Land Take
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

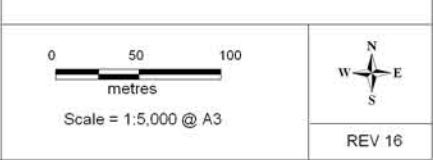


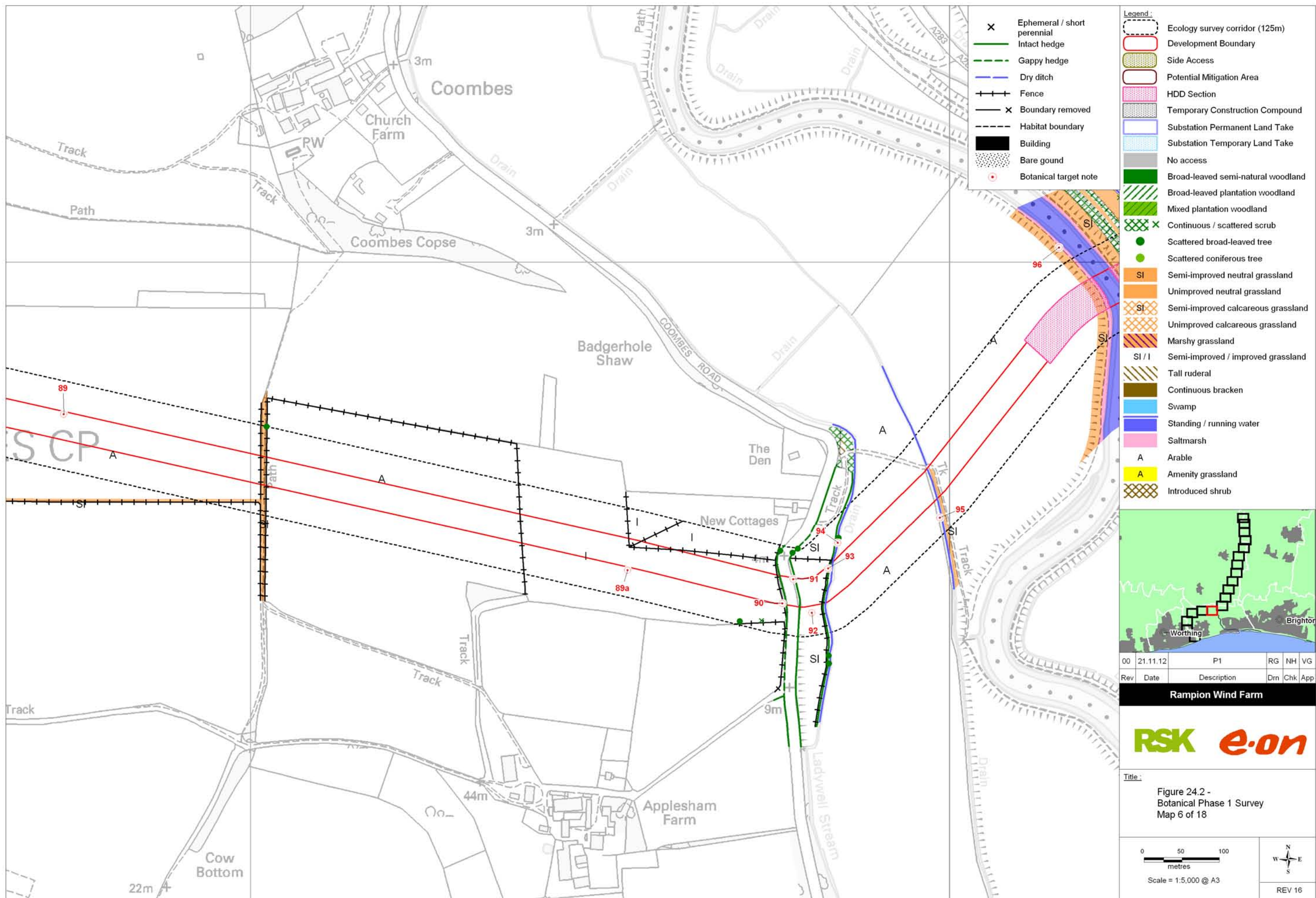
|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Dwn | Chk | App |

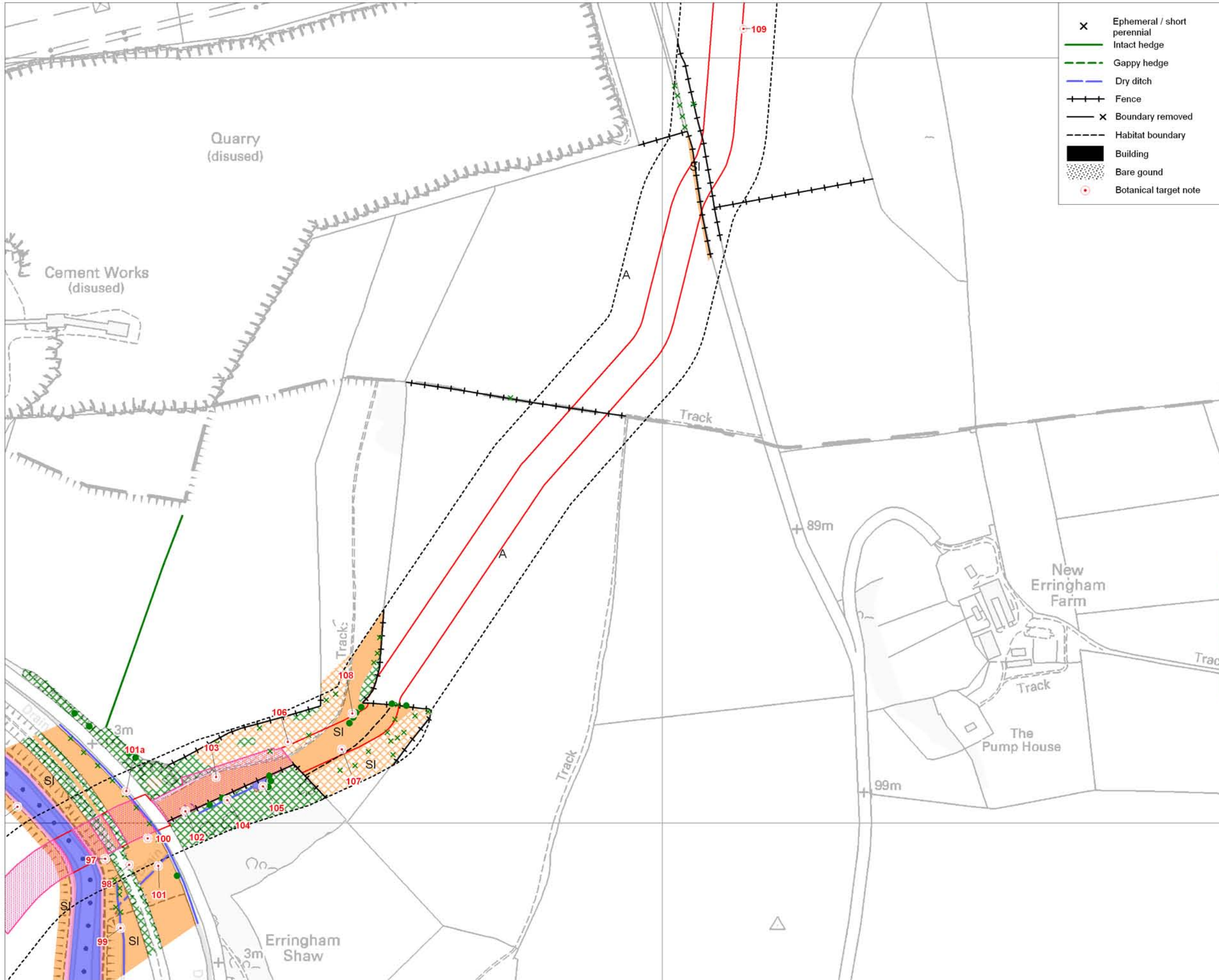
Rampion Wind Farm



Title:  
Figure 24.2 -  
Botanical Phase 1 Survey  
Map 5 of 18







- Legend:**

  - × Ephemeral / short perennial
  - Intact hedge
  - - - Gappy hedge
  - - - Dry ditch
  - + + + Fence
  - - - × Boundary removed
  - - - Habitat boundary
  - Building
  - Bare ground
  - Botanical target note
- Legend:**

  - Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Permanent Land Take
  - Substation Temporary Land Take
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - × Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

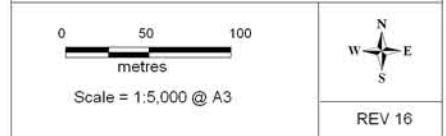


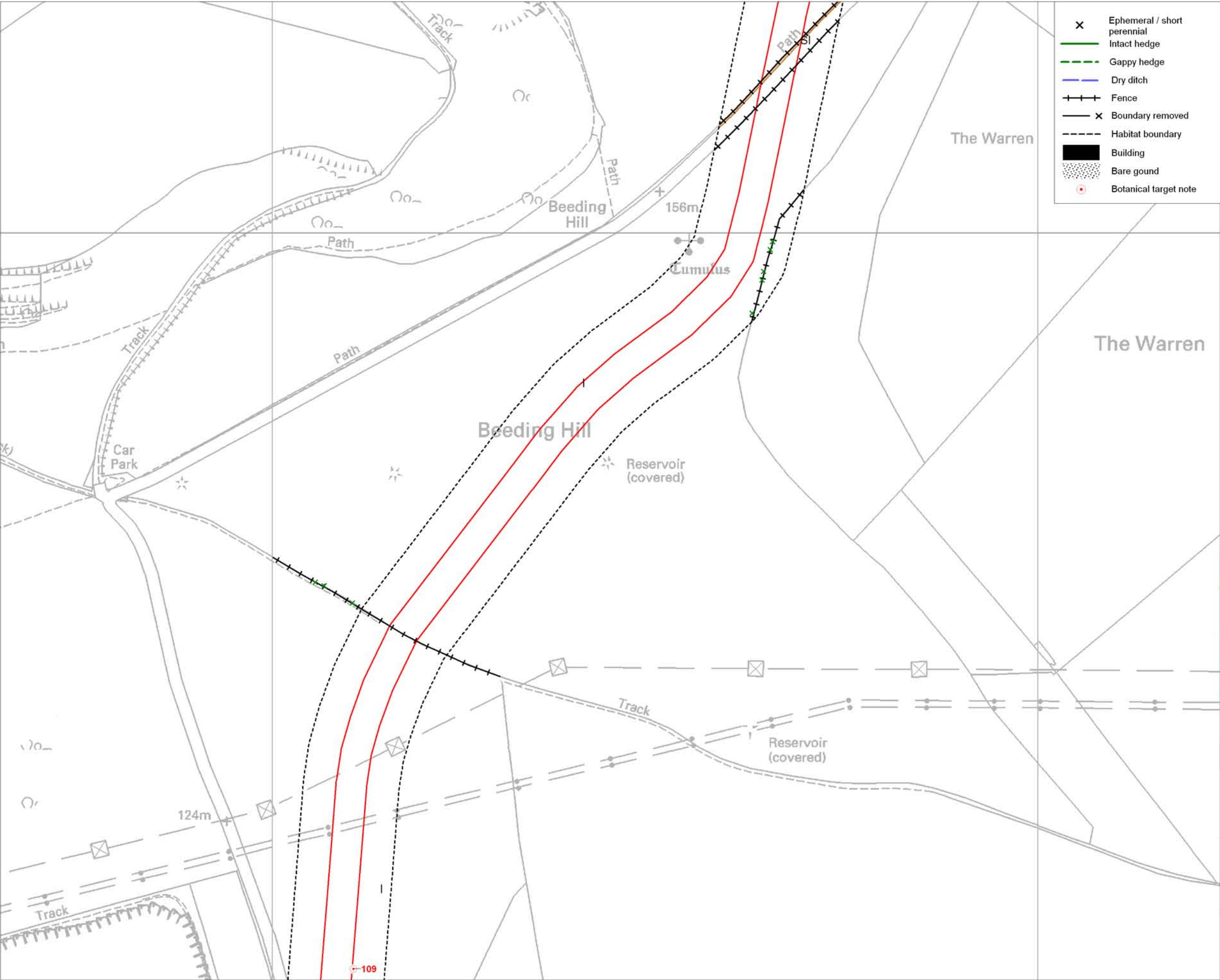
|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

Rampion Wind Farm



Title :  
Figure 24.2 -  
Botanical Phase 1 Survey  
Map 7 of 18





**Legend:**

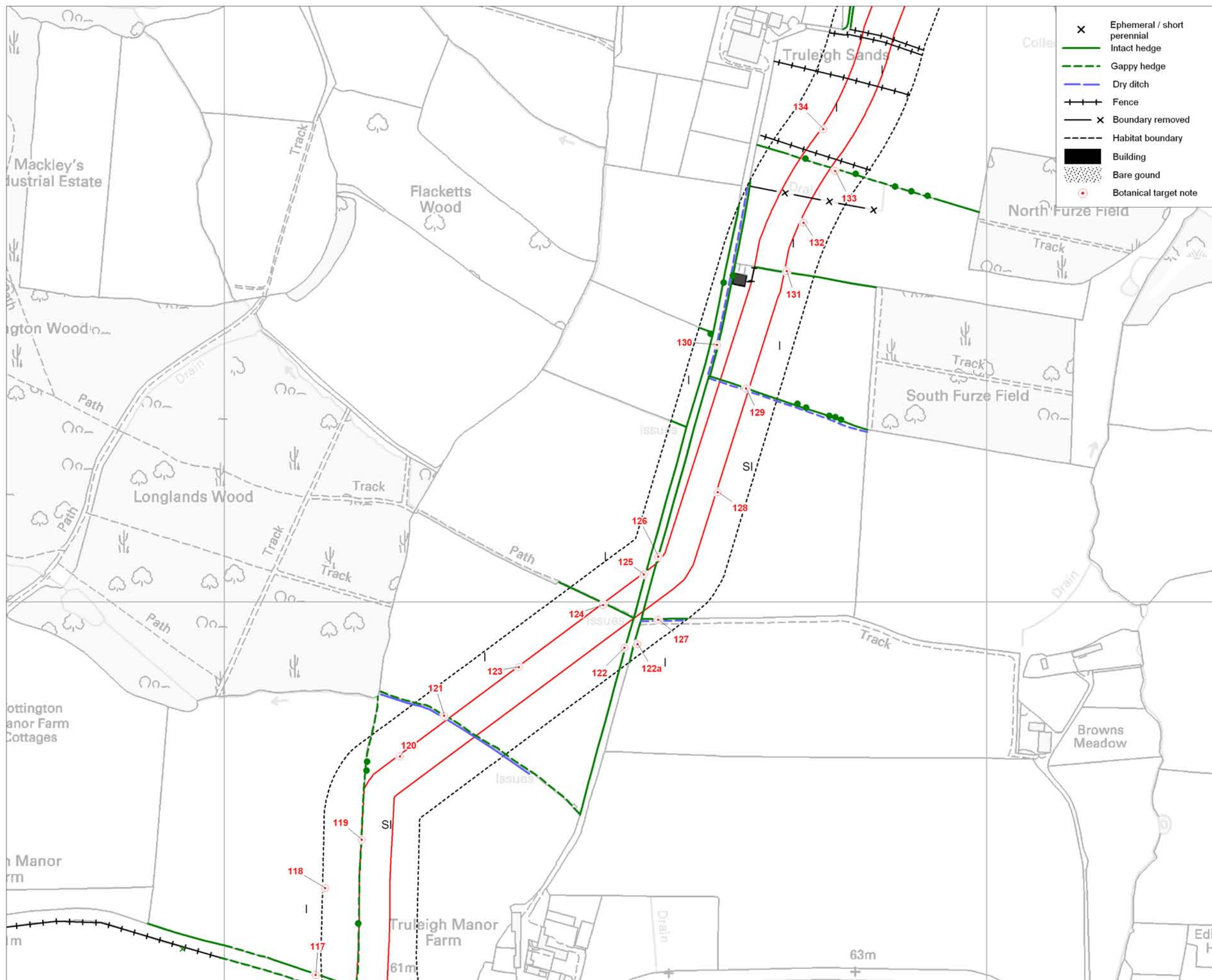
- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Permanent Land Take
- Substation Temporary Land Take
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI / I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Figure 24.2 - Botanical Phase 1 Survey Map 8 of 18**

Scale = 1:5,000 @ A3

REV 16





**Legend:**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Permanent Land Take
- Substation Temporary Land Take
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI / I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Other Legend:**

- × Ephemeral / short perennial
- Intact hedge
- Gappy hedge
- Dry ditch
- Fence
- Boundary removed
- Habitat boundary
- Building
- Bare ground
- Botanical target note

**Map Information:**

00 21.11.12 P1 RG NH VG

Rev Date Description Drn Chk App

**Rampion Wind Farm**

**RSK e-on**

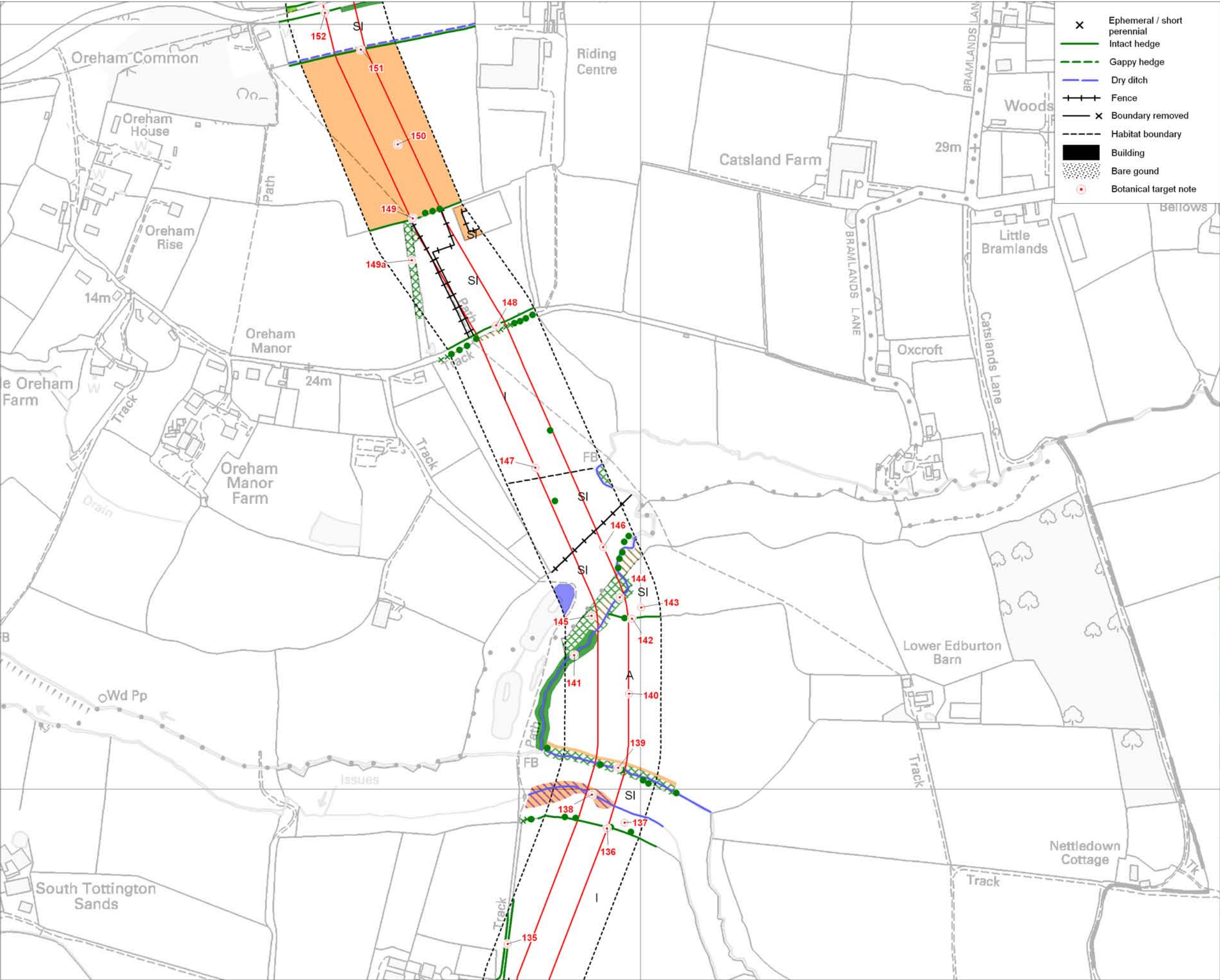
**Title:**

Figure 24.2 - Botanical Phase 1 Survey  
Map 10 of 18

0 50 100 metres  
Scale = 1:5,000 @ A3

N  
W E  
S

REV 16



- × Ephemeral / short perennial
- Intact hedge
- - - Gappy hedge
- - - Dry ditch
- + + + Fence
- x - Boundary removed
- - - Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend:**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Permanent Land Take
  - Substation Temporary Land Take
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

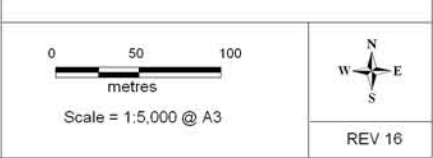


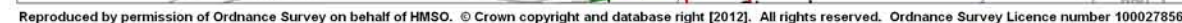
|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

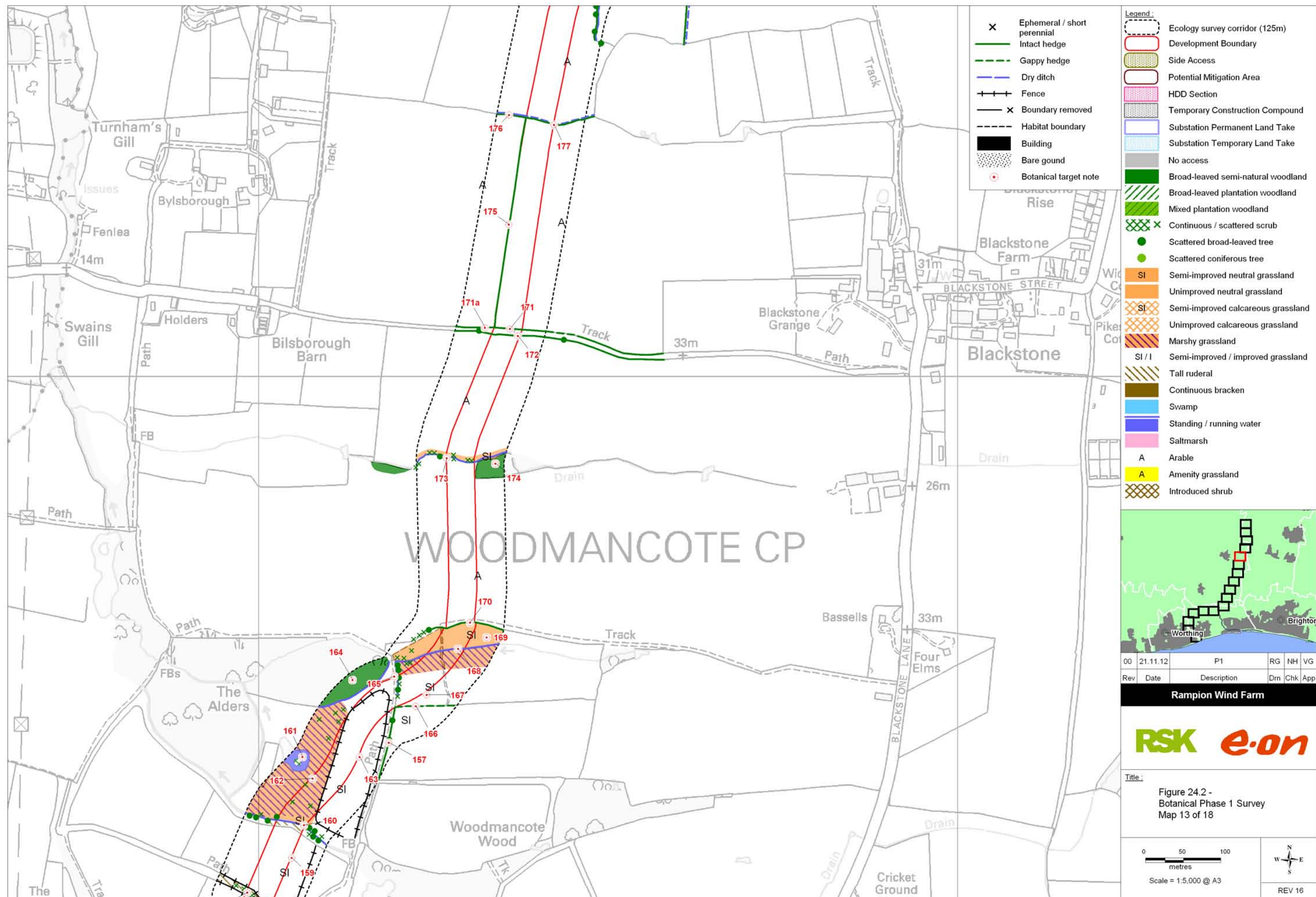
Rampion Wind Farm

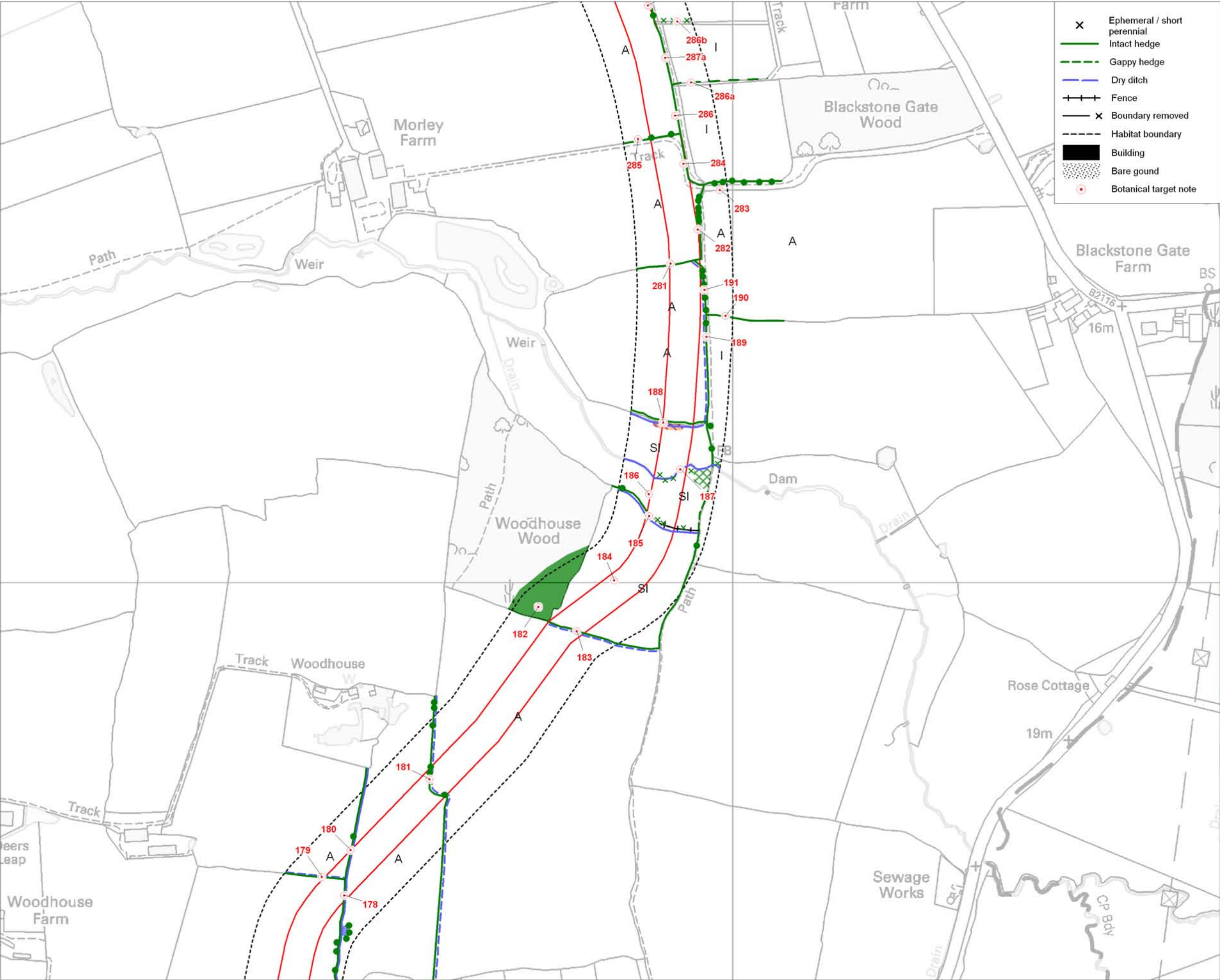


Figure 24.2 - Botanical Phase 1 Survey Map 11 of 18









- × Ephemeral / short perennial
- Intact hedge
- - - Gappy hedge
- - - Dry ditch
- + + + Fence
- × Boundary removed
- - - Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend :**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Permanent Land Take
  - Substation Temporary Land Take
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - × Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

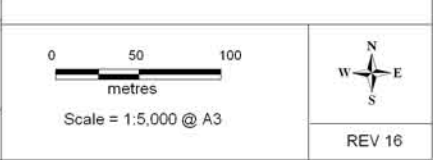


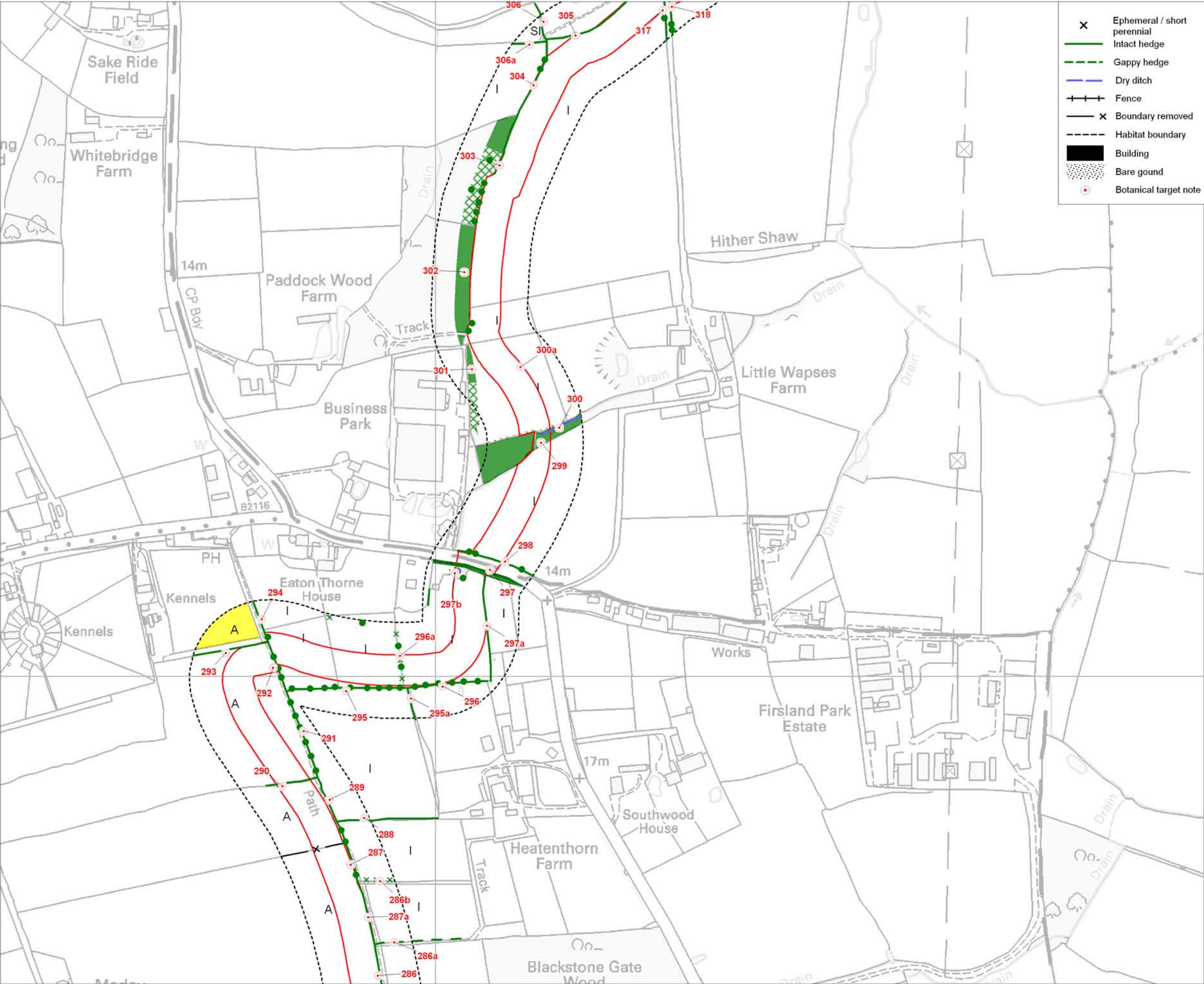
|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**



**Title :**  
Figure 24.2 -  
Botanical Phase 1 Survey  
Map 14 of 18





- × Ephemeral / short perennial
- Intact hedge
- - - Gappy hedge
- - - Dry ditch
- + + + Fence
- × Boundary removed
- - - Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend:**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Permanent Land Take
  - Substation Temporary Land Take
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - × Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

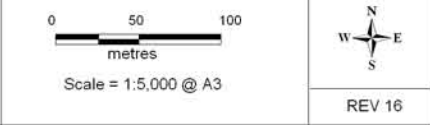


|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**



**Title:**  
Figure 24.2 -  
Botanical Phase 1 Survey  
Map 15 of 18





Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right [2012]. All rights reserved. Ordnance Survey Licence number 100027856

00 21.11.12 P1 RG NH VG

| Rev | Date | Description | Dn | Chk | App |
|-----|------|-------------|----|-----|-----|
|     |      |             |    |     |     |

**Rampion Wind Farm**

**RSK e-on**

**Title:**

Figure 24.2 - Botanical Phase 1 Survey  
Map 16 of 18

0 50 100  
metres  
Scale = 1:5,000 @ A3

N  
W E  
S

REV 16

File Name : T:\All GIS RSK\852425 - Rampion Windfarm\Figures\Final Wksp\Botanical P1\For ES

