

AENC-ARC-ENV-REP-0198

Norwich to Tilbury

Volume 8: Examination Documents

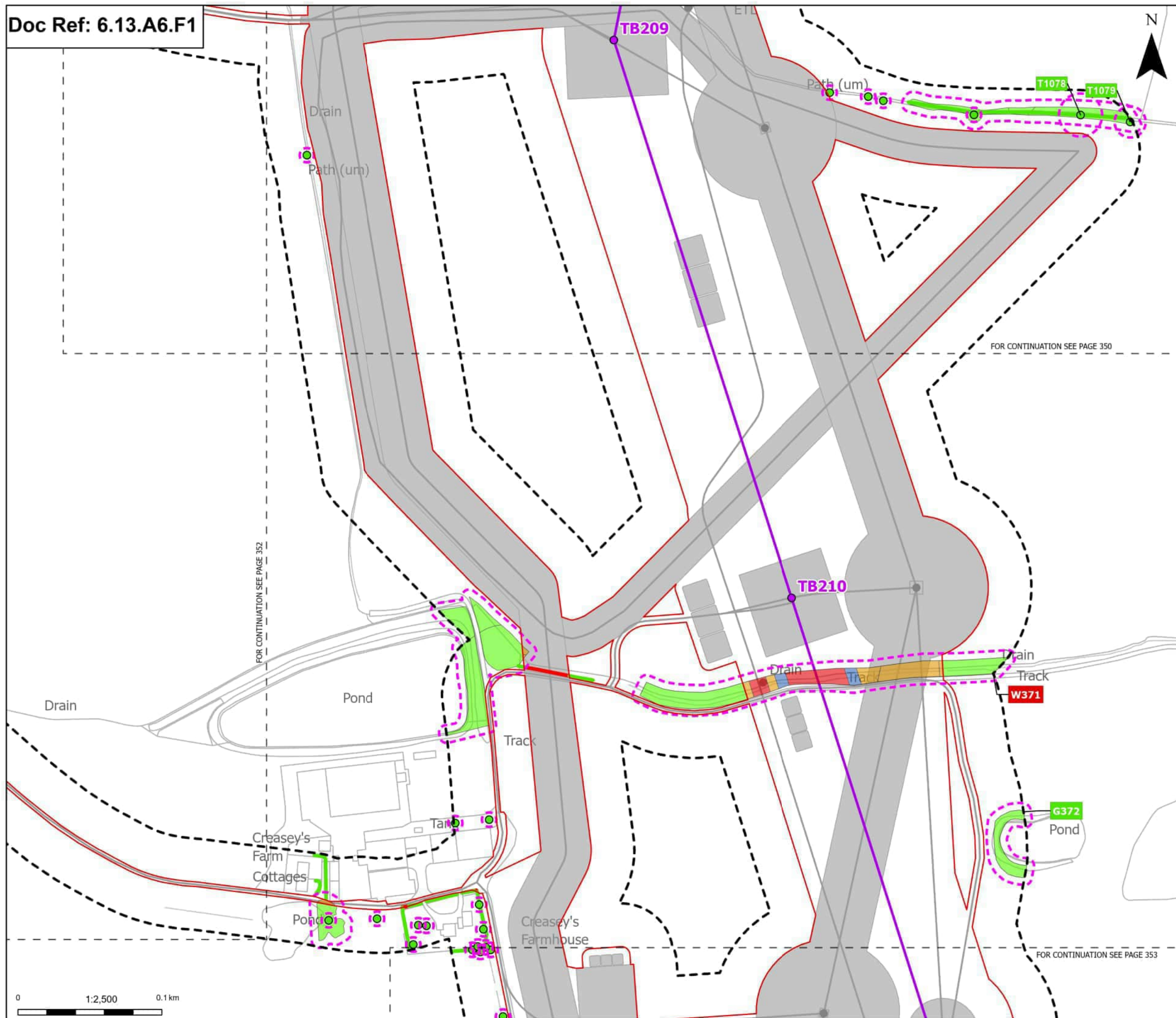
Document: 8.10.1 Ancient Woodland Technical Note - Part 5

Final Issue A

April 2026

Planning Inspectorate Reference: EN020027

nationalgrid



Order Limits
 Sheet index cutline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Root protection area

Trees - Impact
 Unaffected
 Hedgerow - Impact
 Removed

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

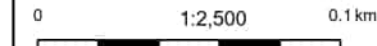
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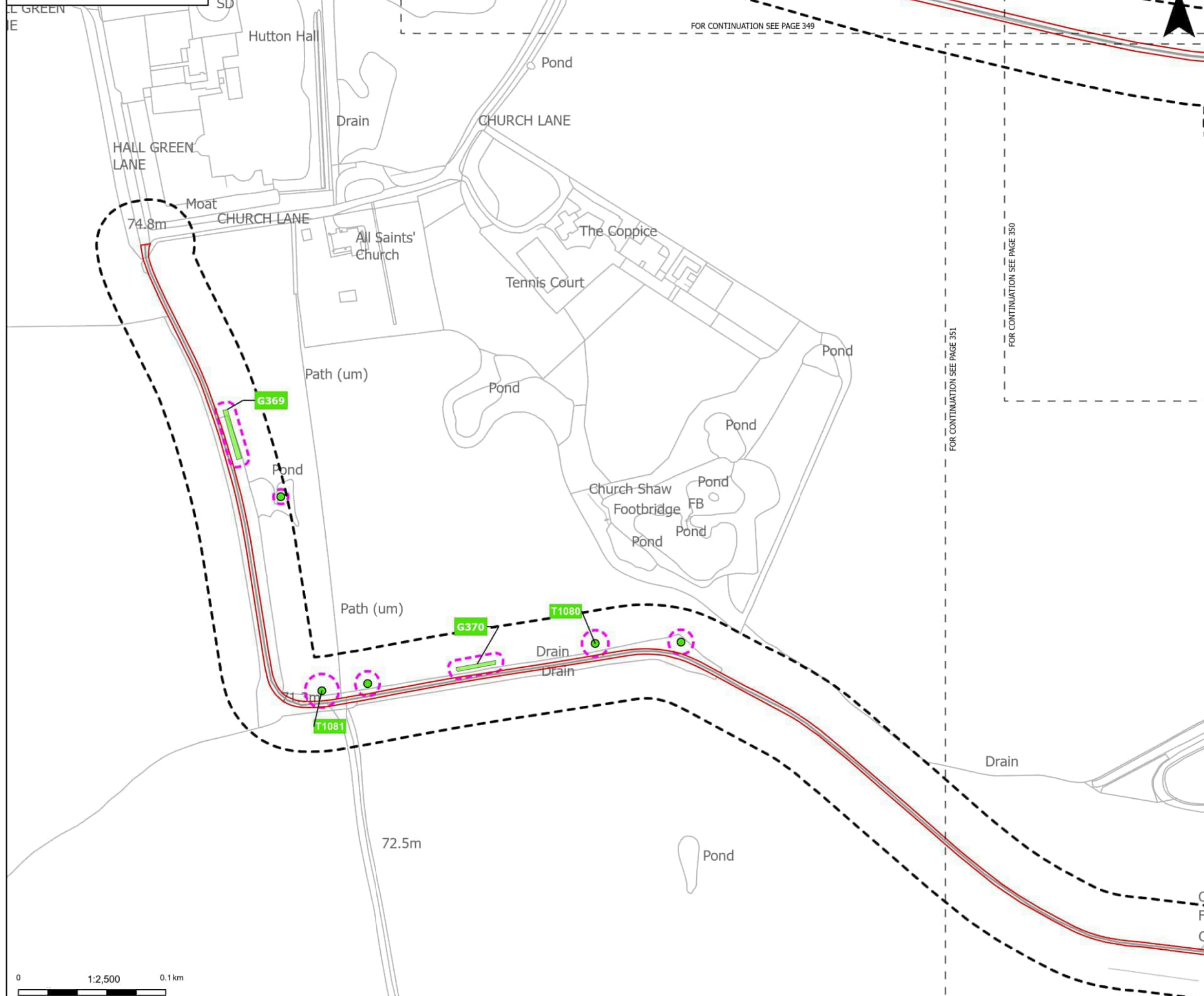
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Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

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 C





Order Limits

Sheet index outline

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Unaffected

Groups of trees - Impact

- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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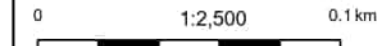
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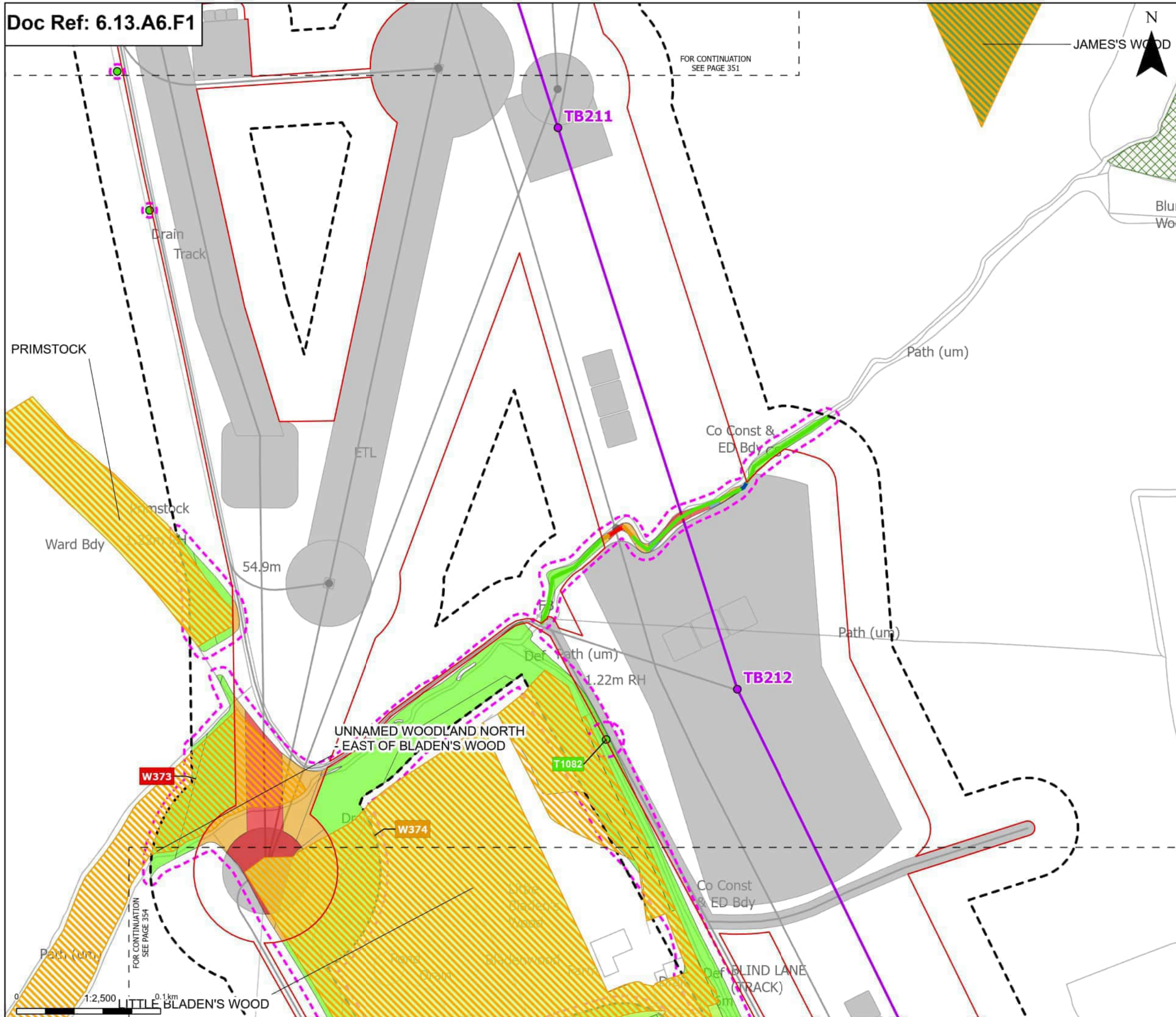
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Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO group of trees
- Root protection area

Trees - Impact

- Unaffected
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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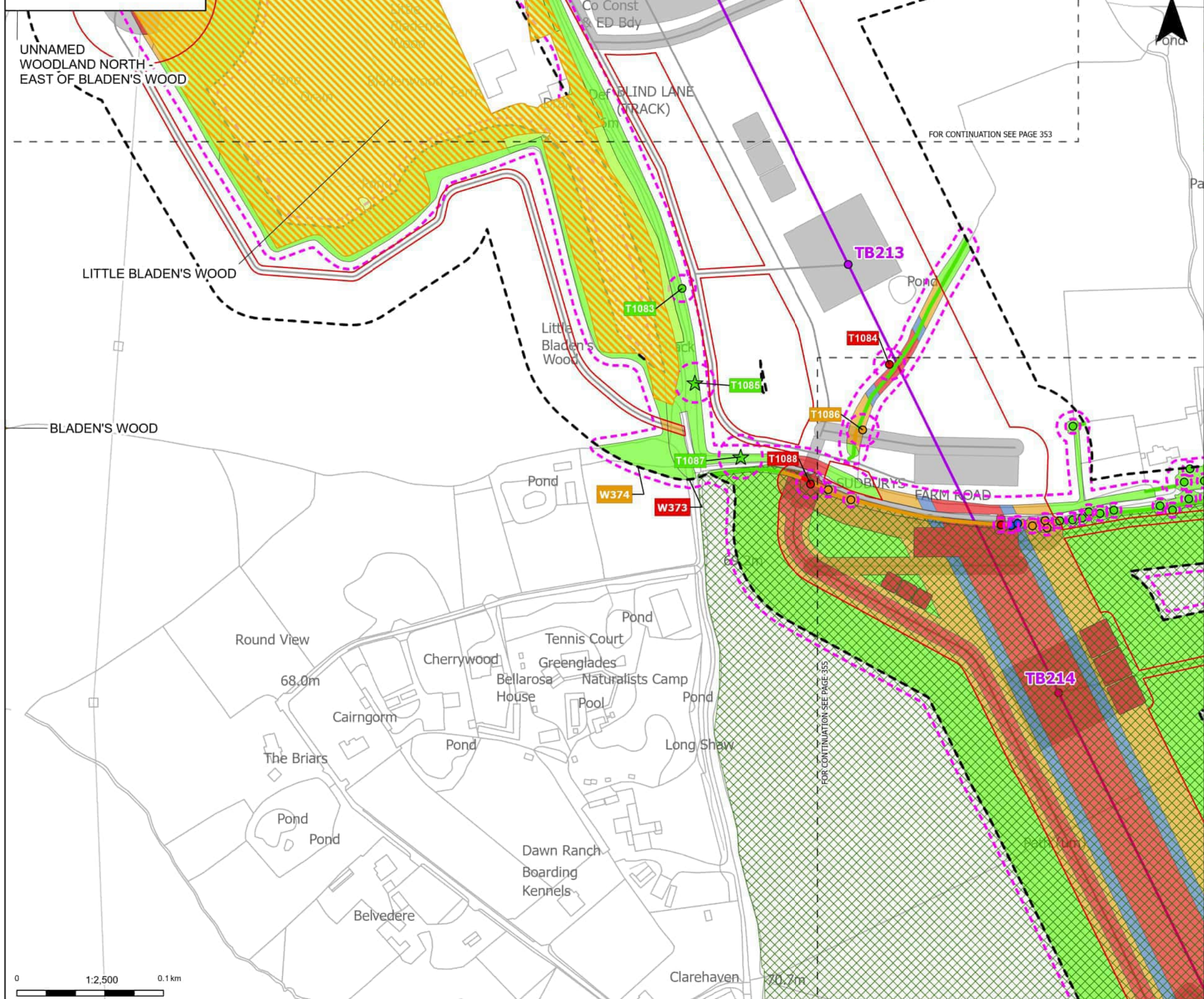
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Order Limits

- Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Other temporary and permanent construction and operational works

- Arboriculture Study Area
- TPO group of trees
- Root protection area

Veteran Trees - Impact

- Unaffected

Trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Hedgerow - Impact

- Removed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
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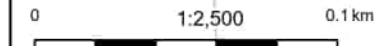
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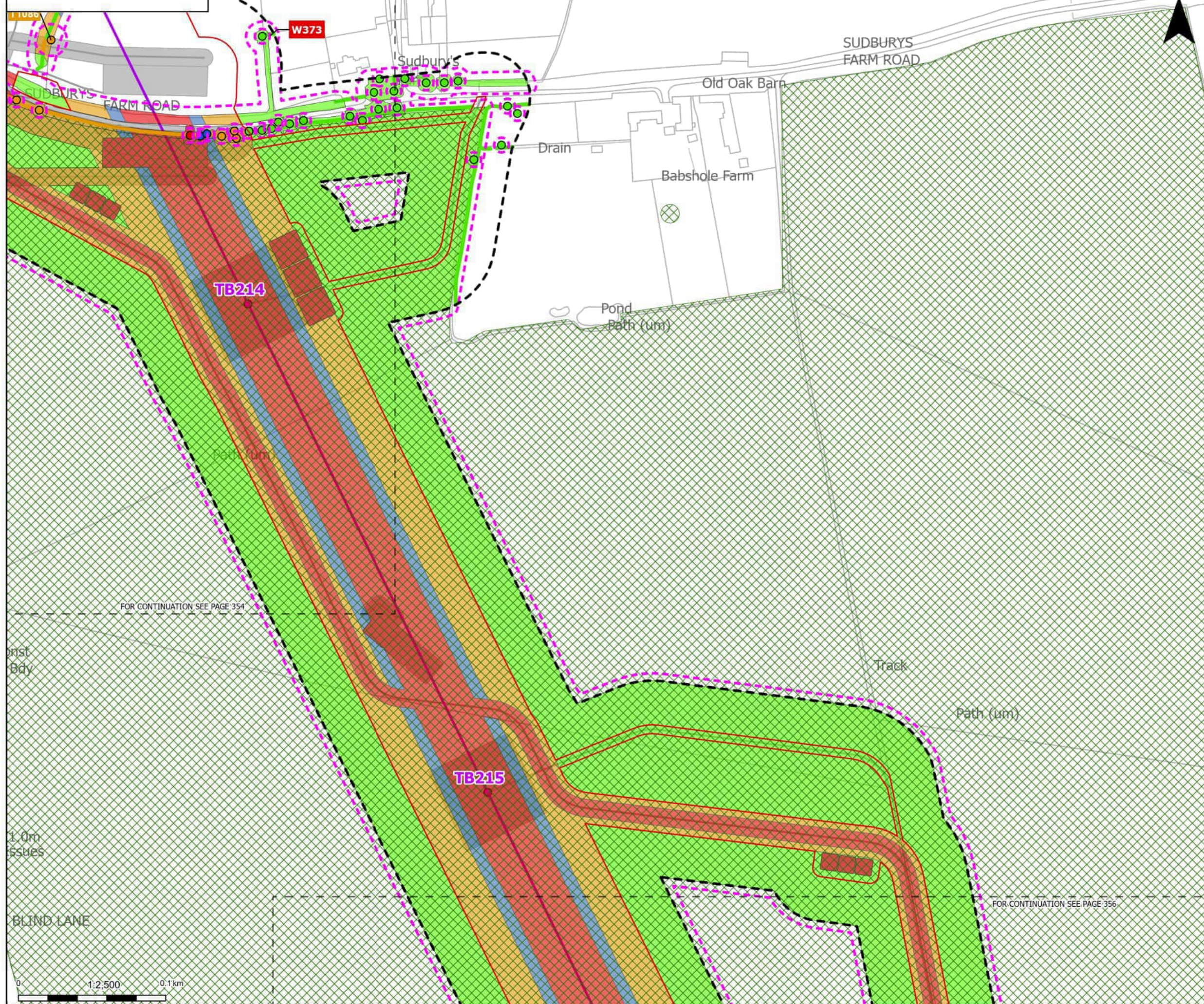
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Order Limits

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- Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO group of trees
- Root protection area

Trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Hedgerow - Impact

- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
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FOR CONTINUATION SEE PAGE 356

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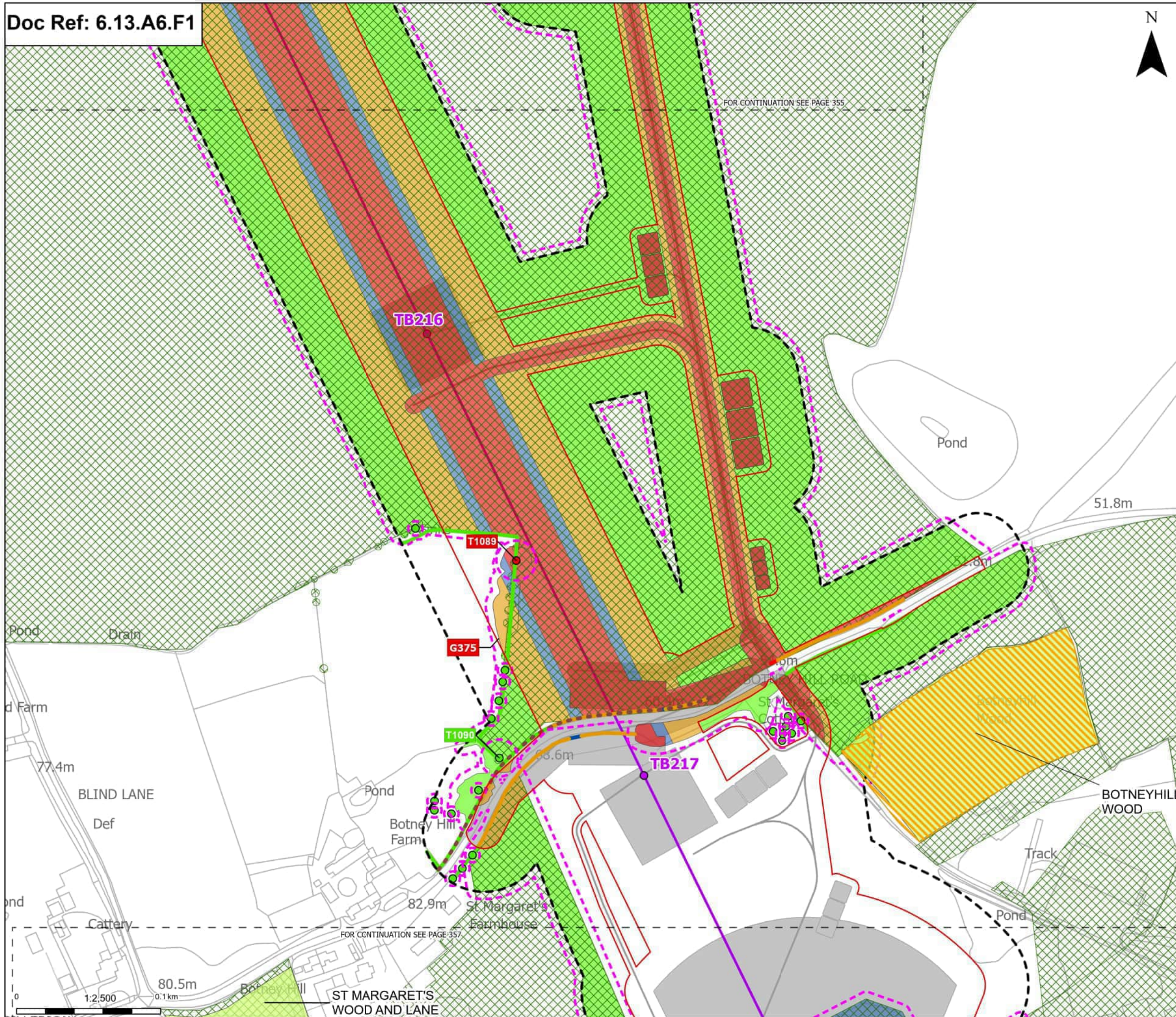
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Order Limits
 Sheet index cutline

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Discipline specific constraints
 Arboriculture Study Area
 Important Hedgerows
 TPO group of trees
 Root protection area

Trees - Impact
 Removed
 Unaffected

Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)
 Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
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 Potentially Affected
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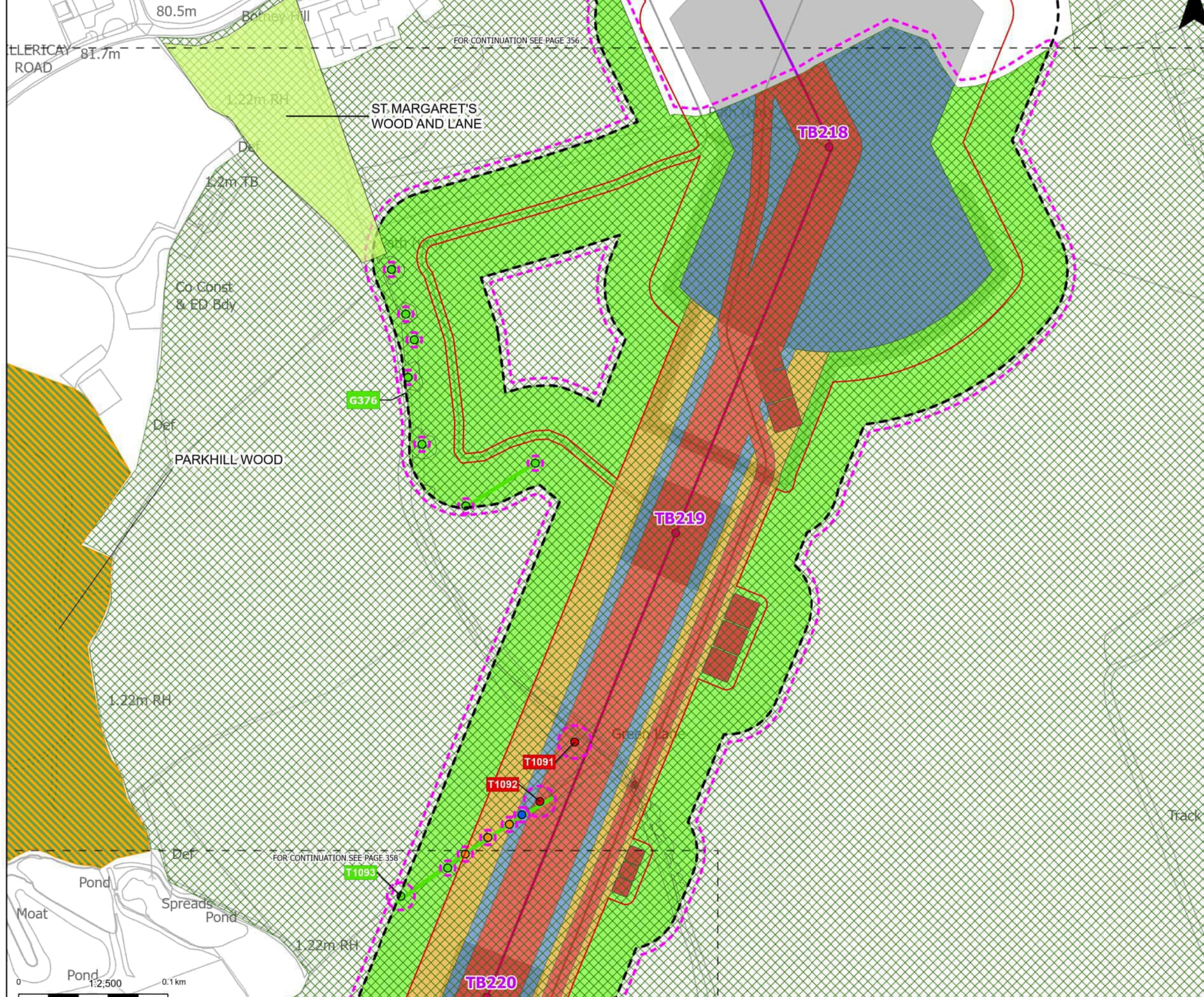
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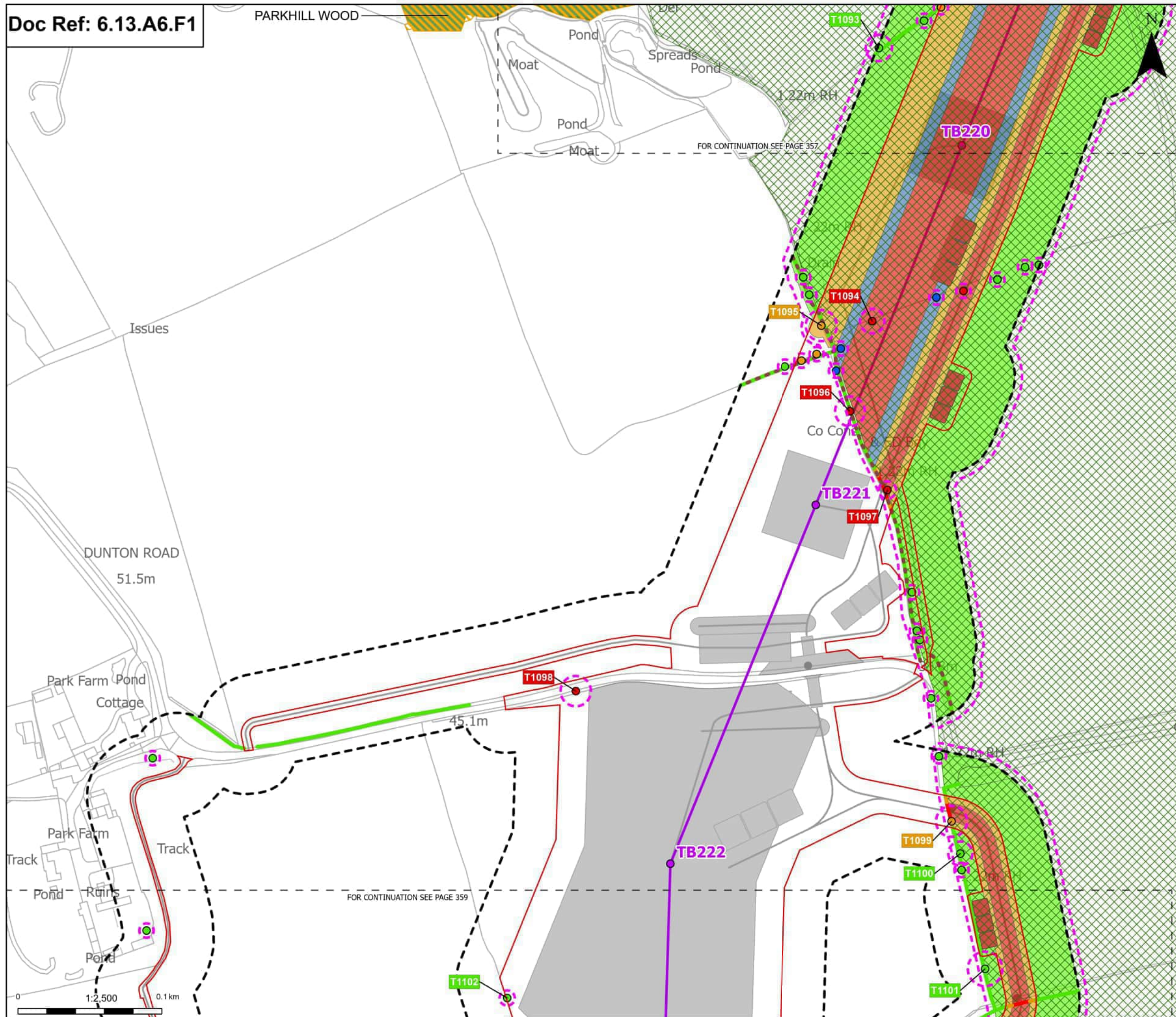
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Ancient Woodland Sites
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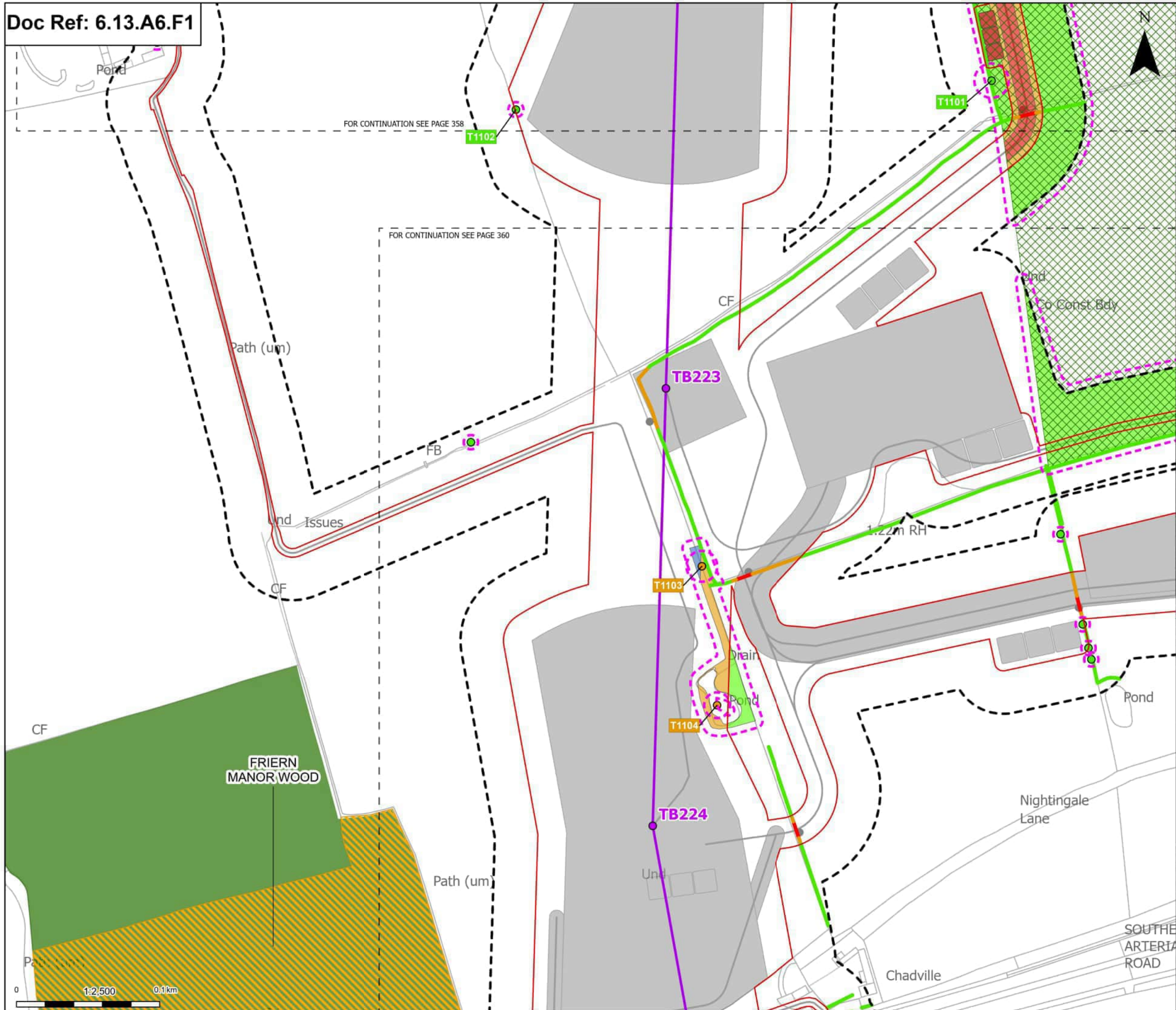
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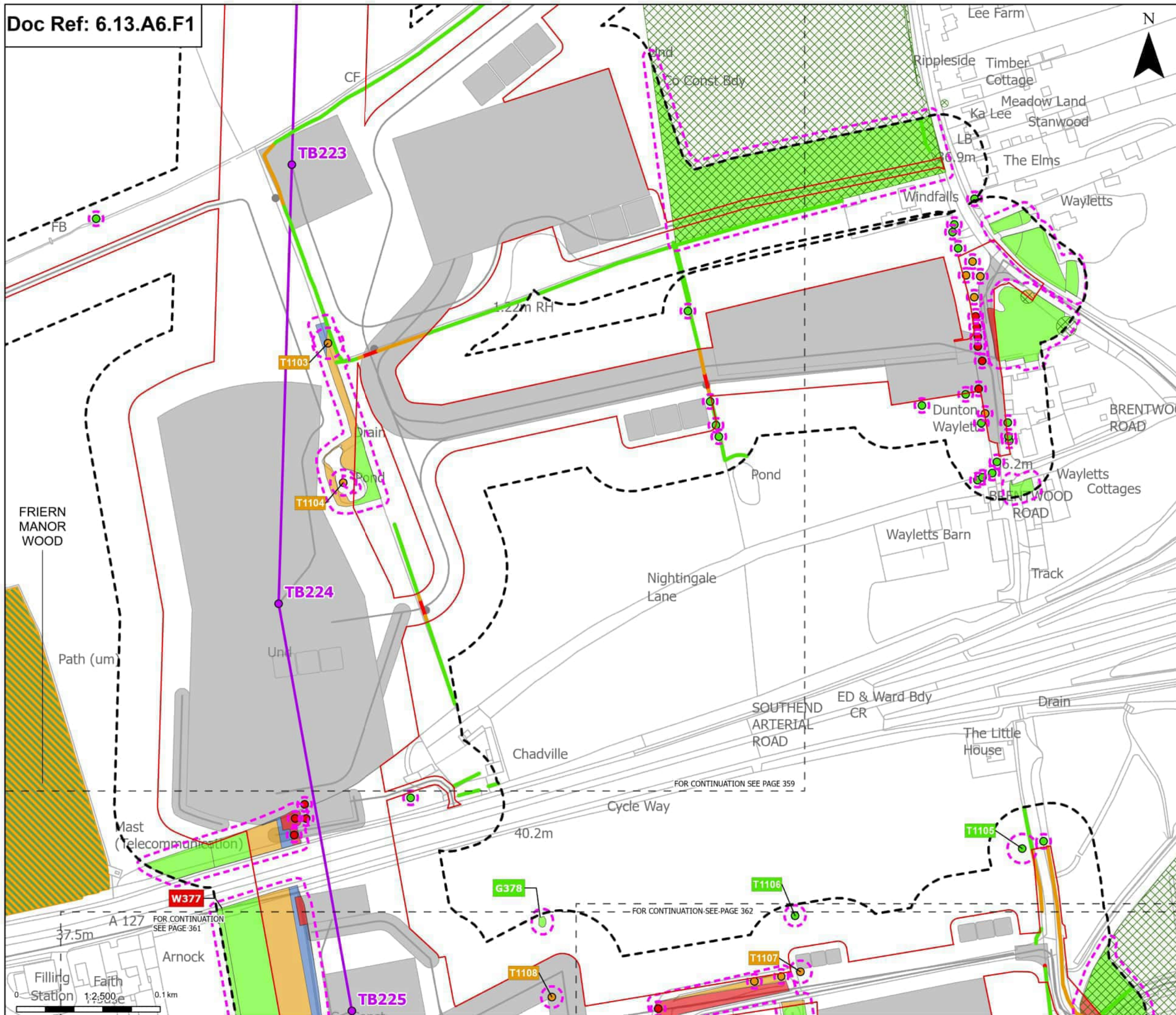
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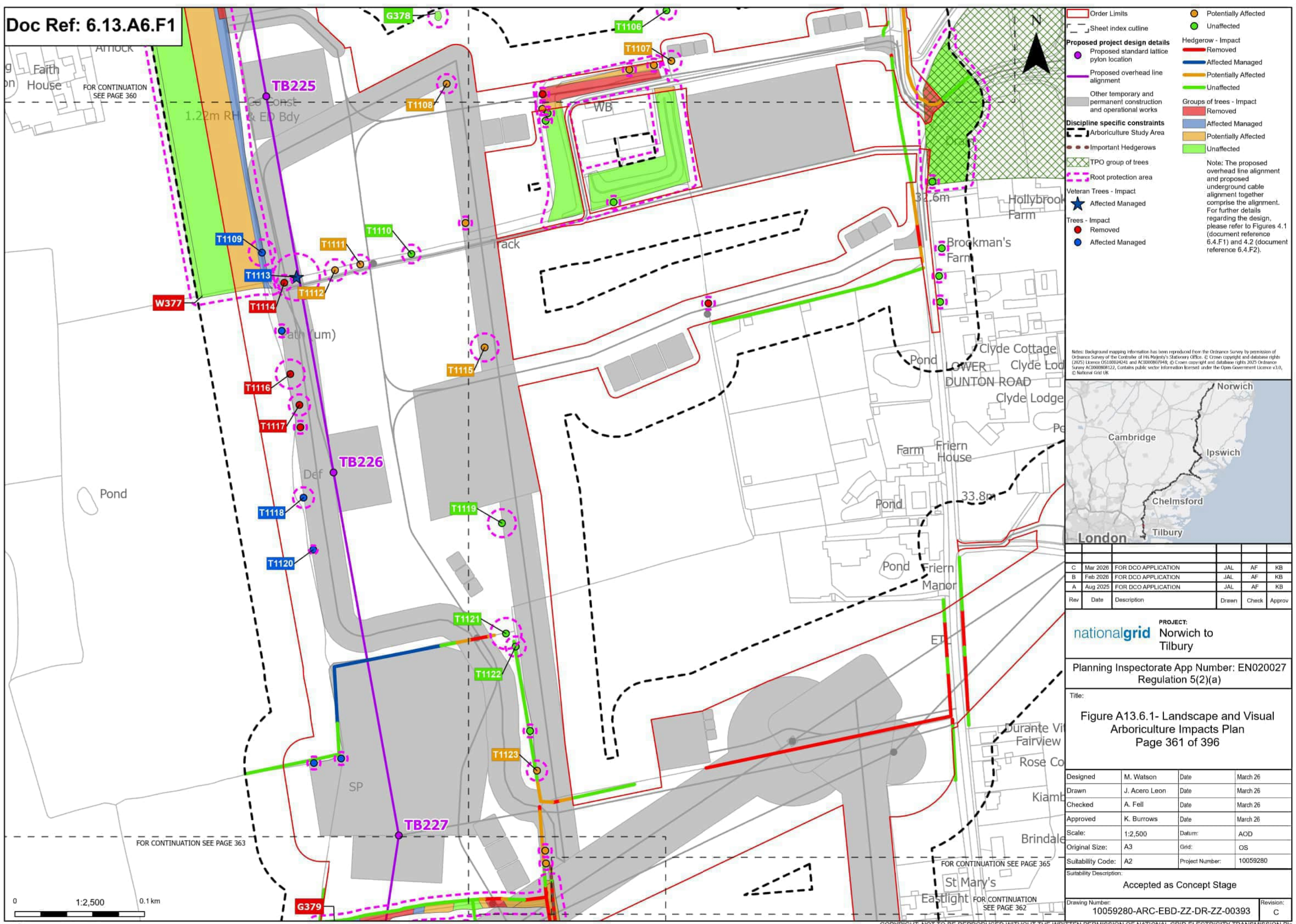
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Discipline specific constraints

- Arboriculture Study Area
- Important Hedgerows
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- Root protection area

Veteran Trees - Impact

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Trees - Impact

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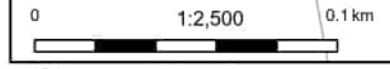
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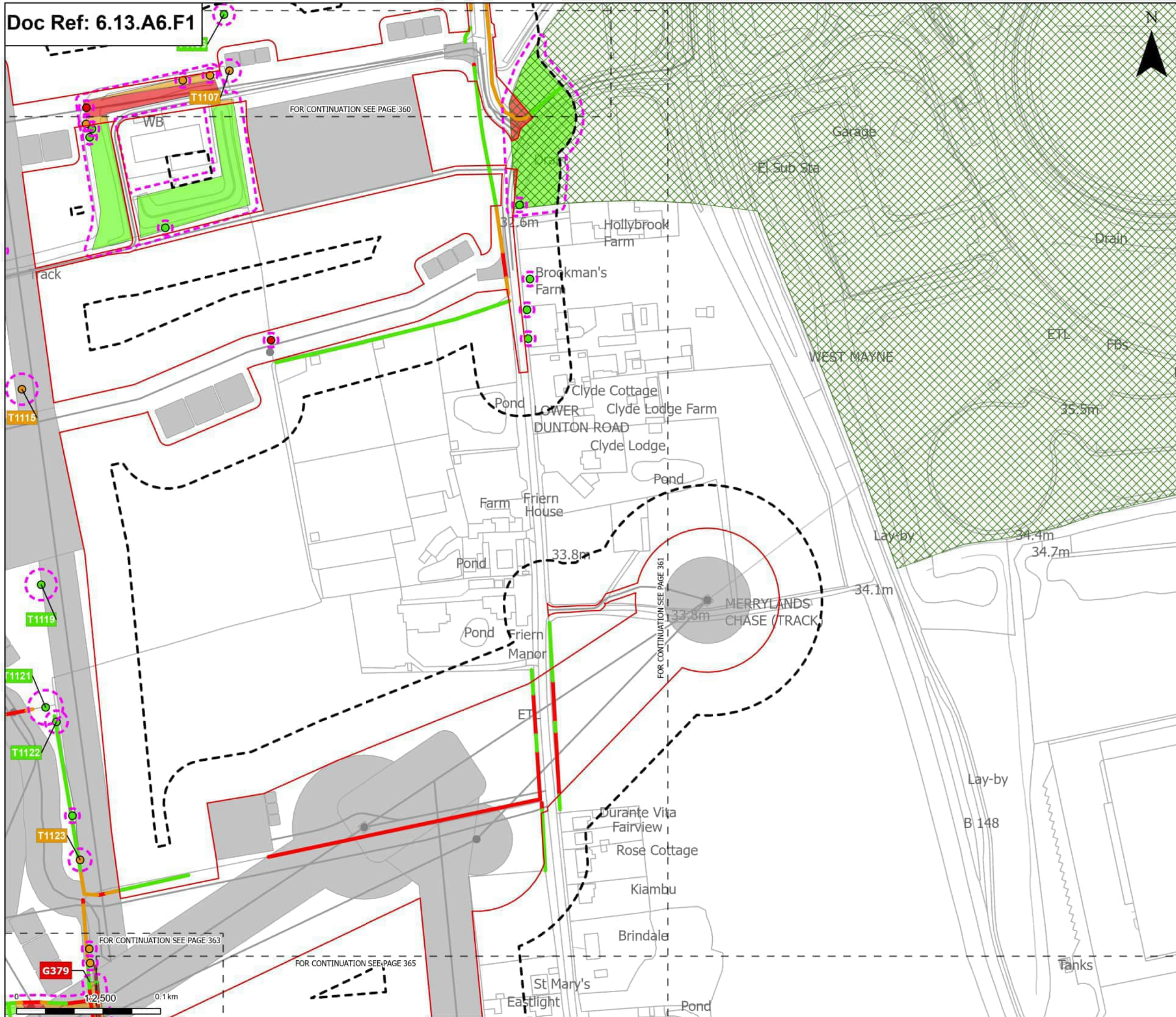
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Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
C





Order Limits

- Sheet index cutline

Proposed project design details

- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Important Hedgerows
- TPO group of trees
- Root protection area

Hedgerow - Impact

- Removed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Potentially Affected
- Unaffected

Trees - Impact

- Removed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Rev	Date	Description	Drawn	Check	Approv
C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

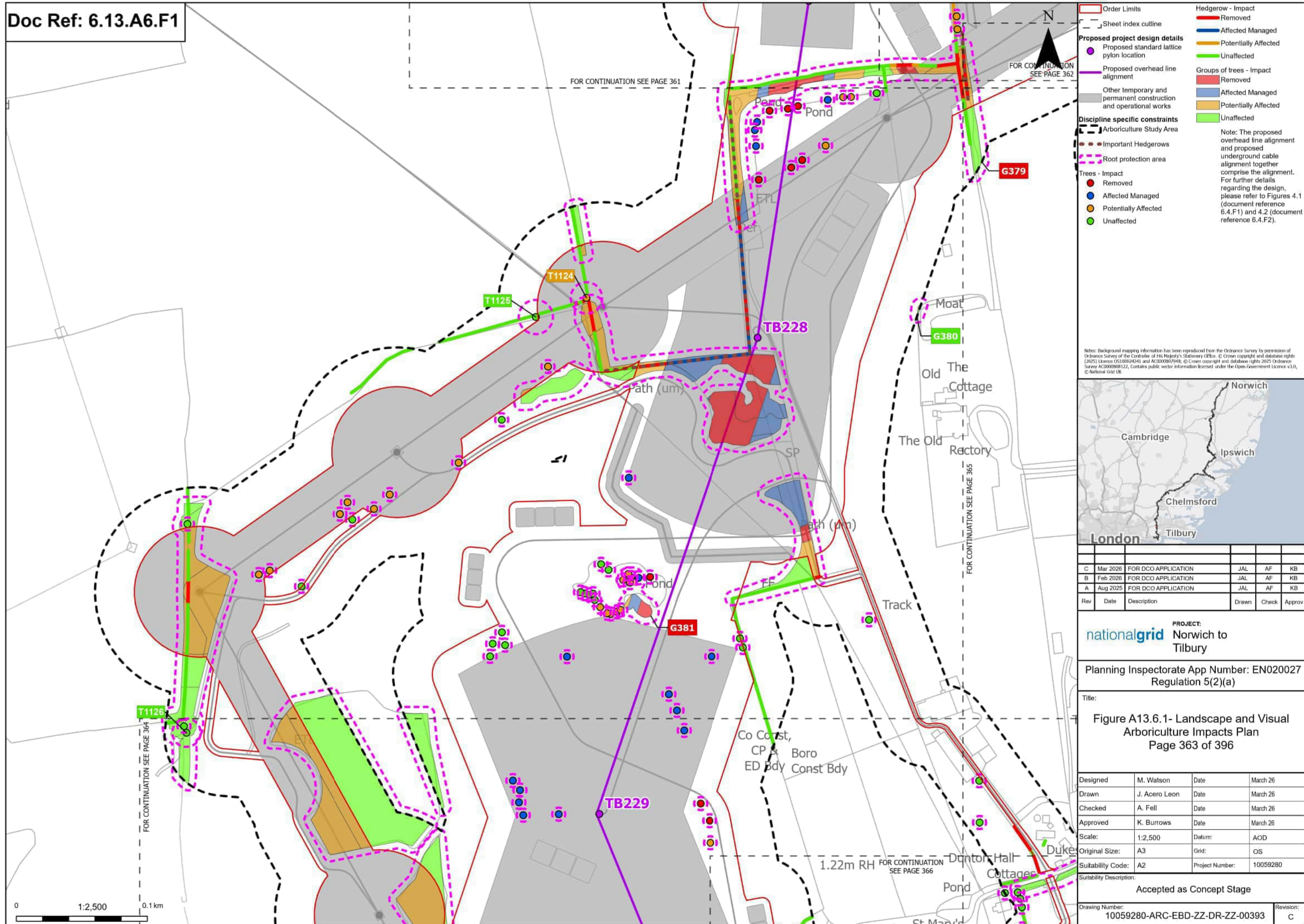
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
Page 362 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
C



Order Limits
 Sheet index cutline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Important Hedgerows
 Root protection area

Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Rev	Date	Description	Drawn	Check	Approv
C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

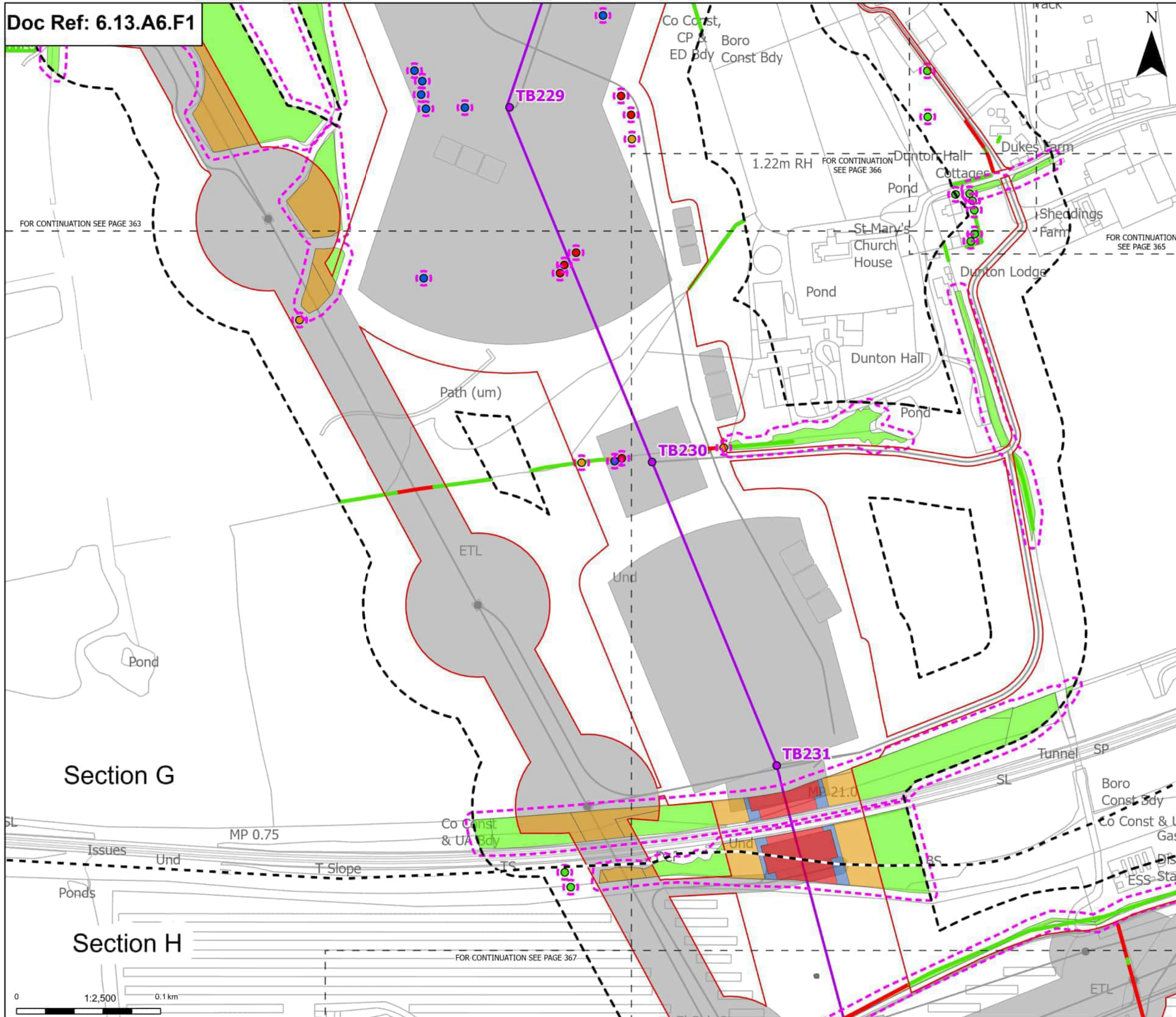
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 363 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C



Order Limits

- Sheet index cutline
- Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Removed
- Affected Managed
- Potentially Affected

Hedgerow - Impact

- Removed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

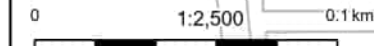
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
Page 364 of 396

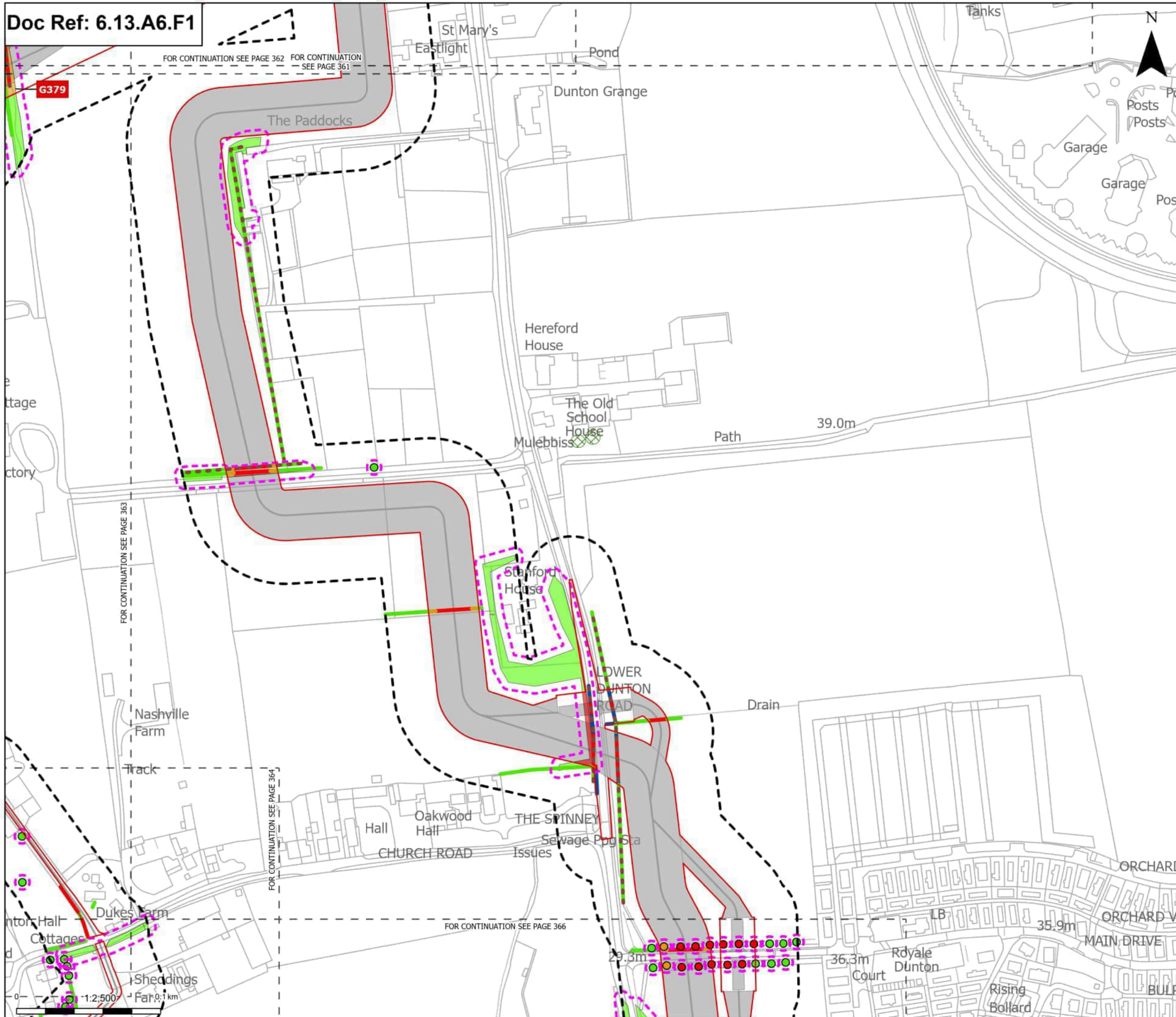
Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
C





Order Limits

- Order Limits (Red outline)
- Sheet index cutline (Dashed line)

Proposed project design details

- Other temporary and permanent construction and operational works (Grey fill)

Discipline specific constraints

- Arboriculture Study Area (Dashed black line)
- Important Hedgerows (Dashed brown line)
- TPO group of trees (Hatched green)
- Root protection area (Dashed purple)

Trees - Impact

- Removed (Red circle)
- Potentially Affected (Yellow circle)
- Unaffected (Green circle)

Hedgerow - Impact

- Removed (Red line)

Groups of trees - Impact

- Removed (Red fill)
- Potentially Affected (Yellow fill)
- Unaffected (Green fill)

Affected Managed (Blue line)
Potentially Affected (Yellow line)
Unaffected (Green line)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C



Order Limits
 Sheet index culline
 Project section line

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Environmental mitigation
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Root protection area

Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Trees - Impact
 Removed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

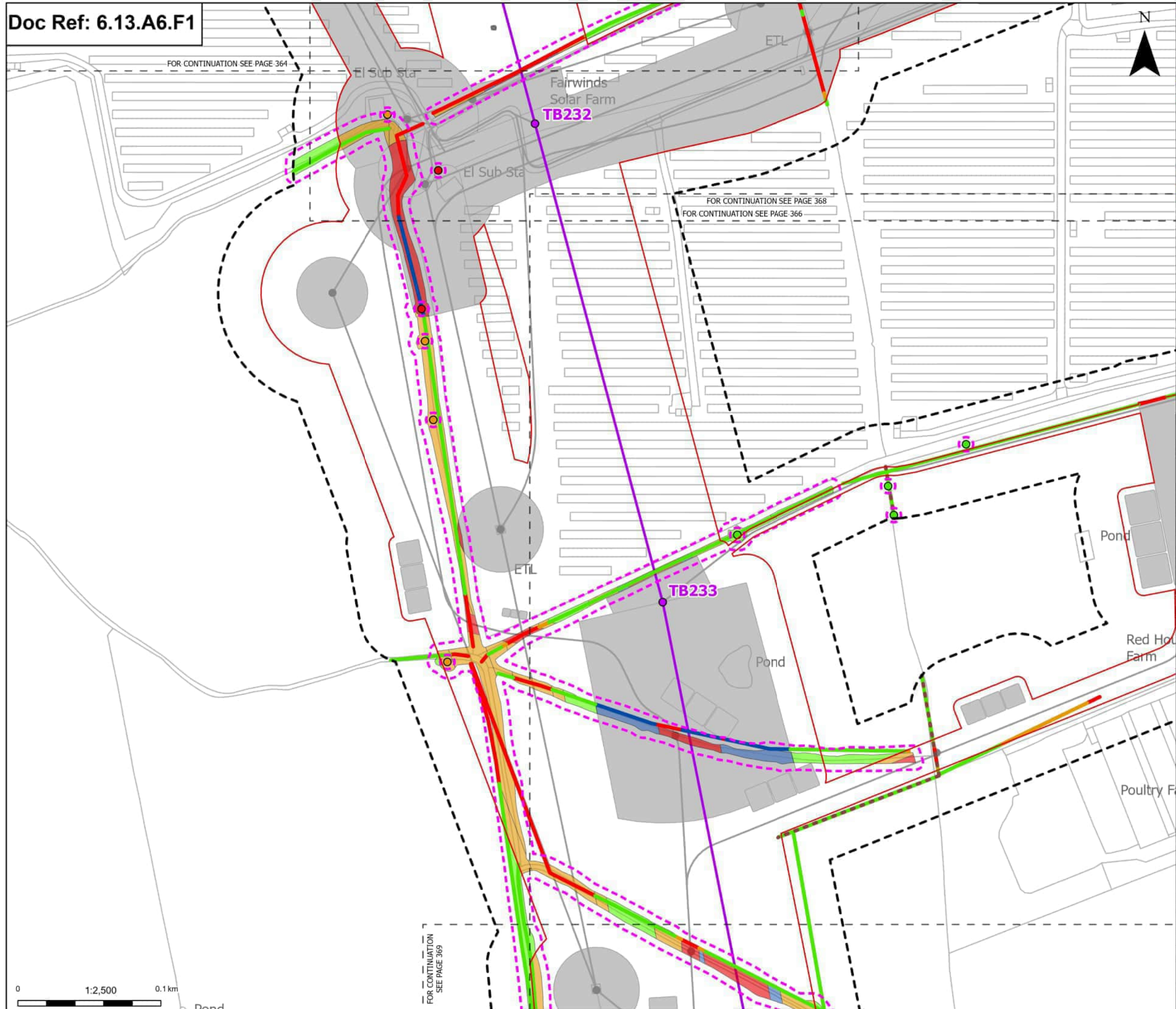
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 366 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393
 Revision:
 C



Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Important Hedgerows
- Root protection area

Trees - Impact

- Removed
- Potentially Affected
- Unaffected

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

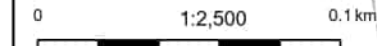
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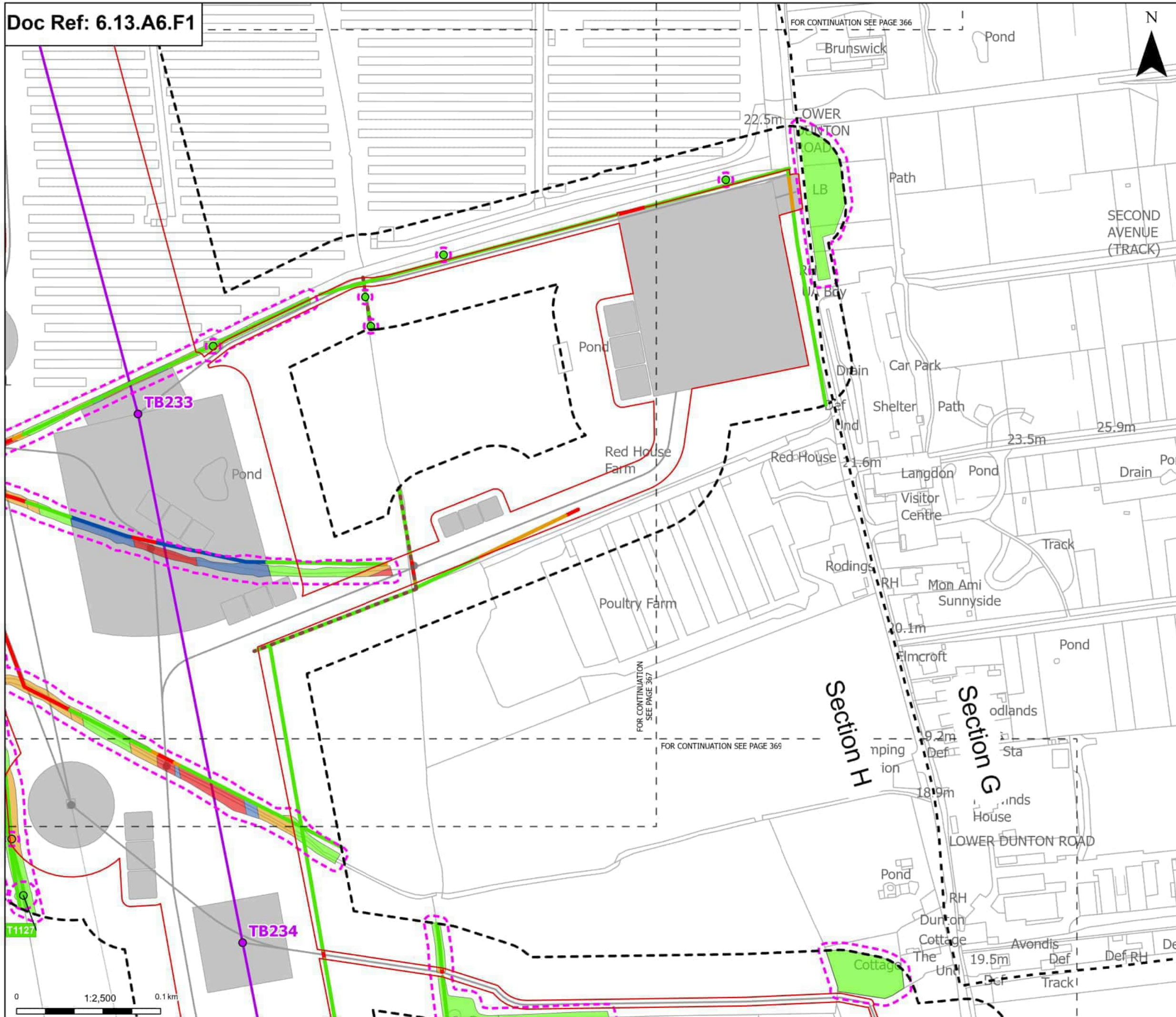
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 367 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00393	Revision: C
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Order Limits
 Sheet index cutline
 Project section line

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Important Hedgerows
 Root protection area

Trees - Impact
 Potentially Affected
 Unaffected

Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Rev	Date	Description	Drawn	Check	Approv
C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

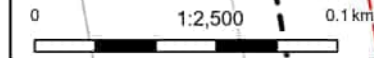
Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 368 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

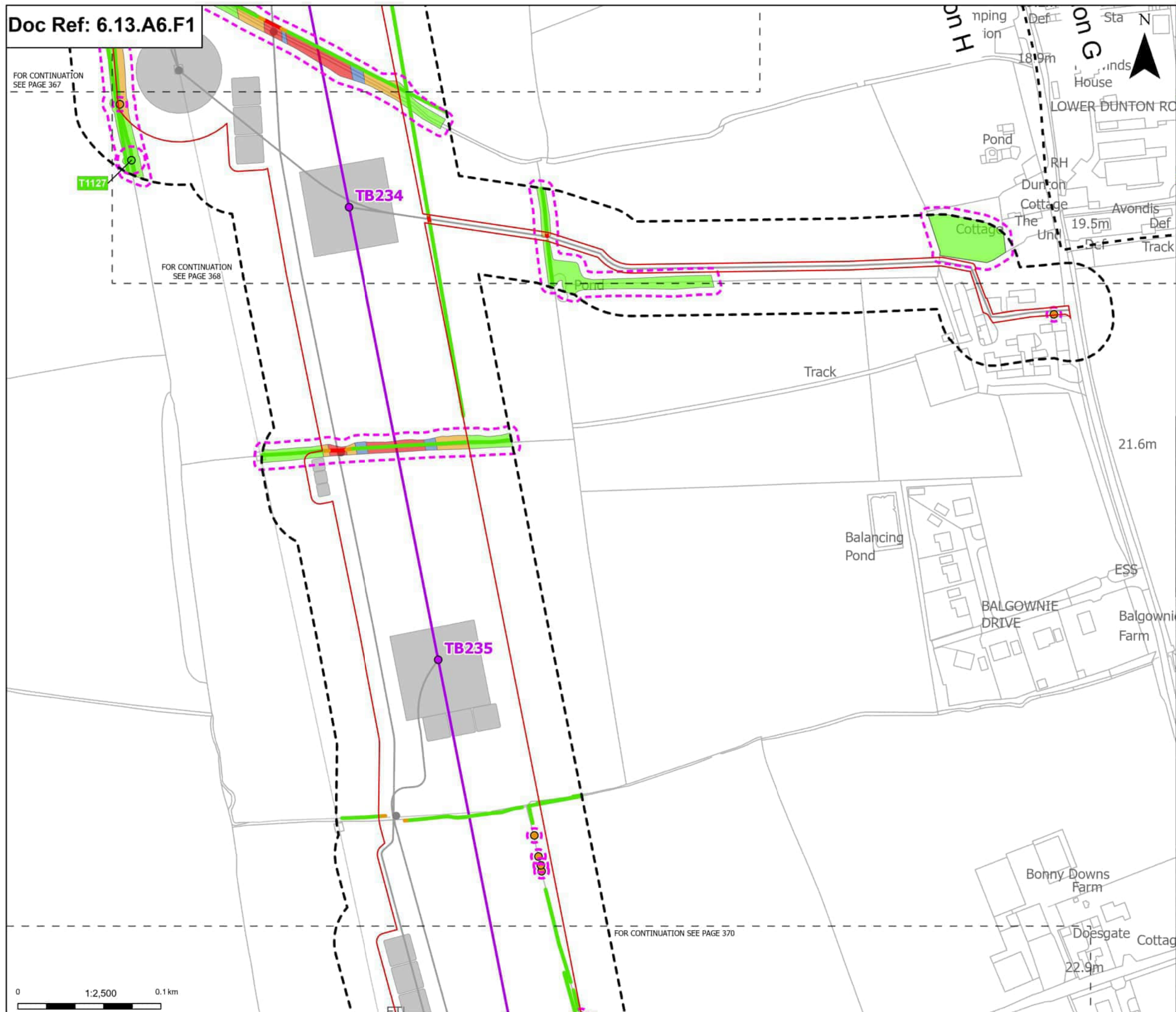
Revision:
 C



FOR CONTINUATION
SEE PAGE 367

FOR CONTINUATION
SEE PAGE 368

FOR CONTINUATION SEE PAGE 370



Order Limits
 Sheet index cutline
 Project section line

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Root protection area

Hedgerow - Impact
 Removed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Trees - Impact
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

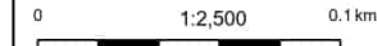
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

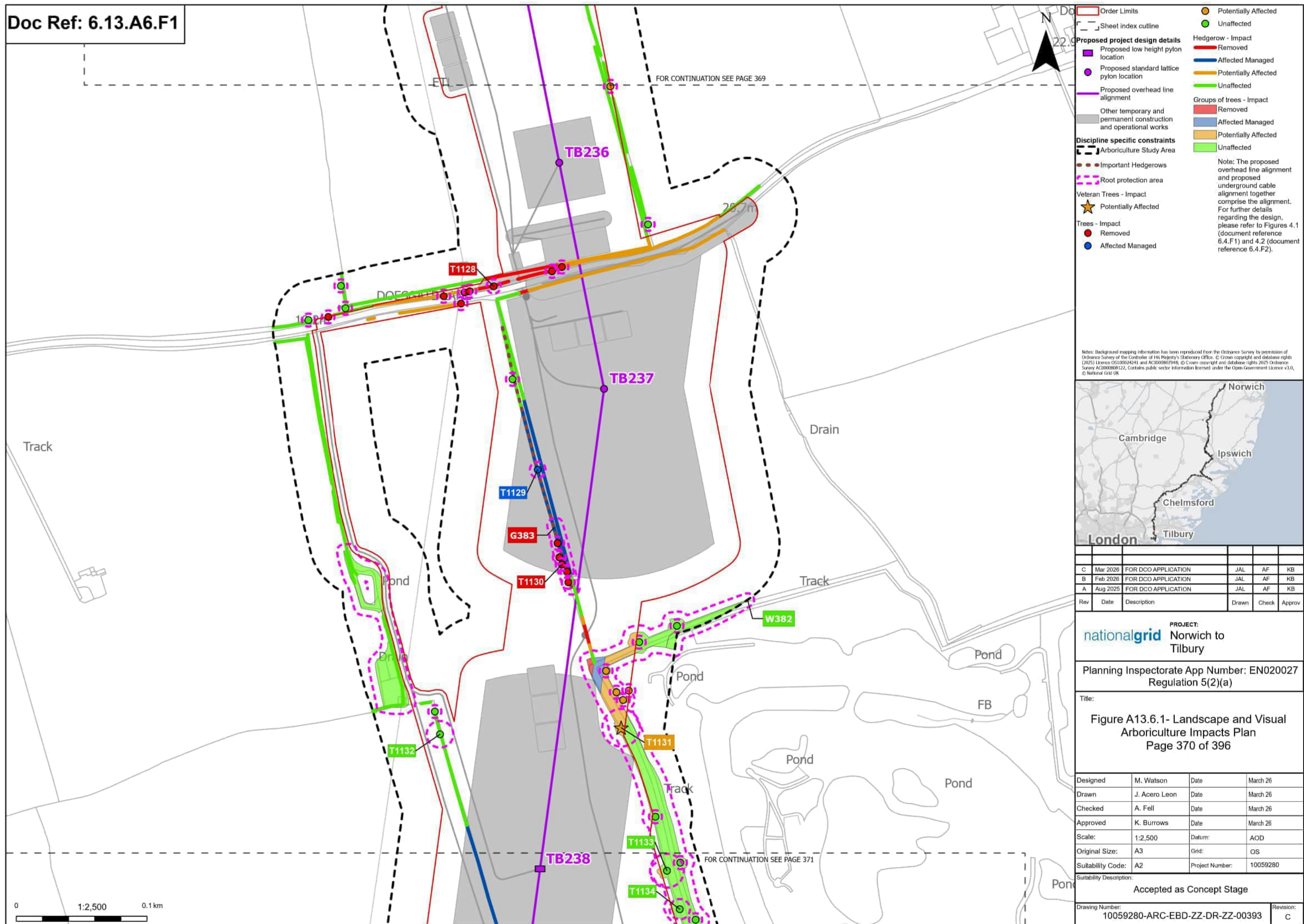
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 369 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00393	Revision: C
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Order Limits
 Sheet index cutline

Proposed project design details
 Proposed low height pylon location
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Important Hedgerows
 Root protection area
 Veteran Trees - Impact
 Trees - Impact

Potentially Affected
 Unaffected
 Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected
 Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

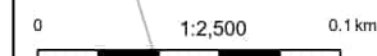
Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 370 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

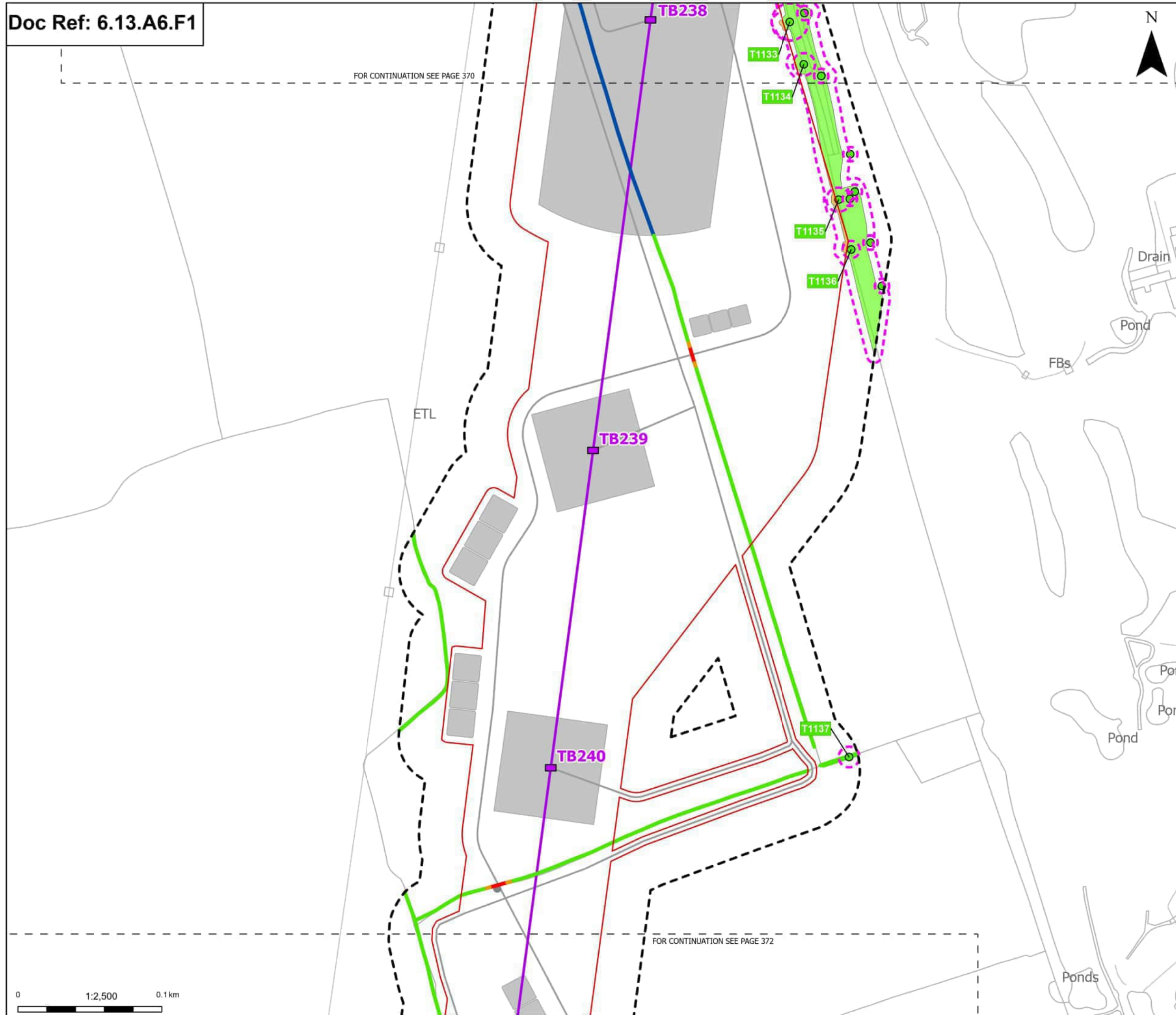
Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C



FOR CONTINUATION SEE PAGE 370

FOR CONTINUATION SEE PAGE 372



Order Limits

- Red line: Order Limits
- Dashed line: Sheet index cutline

Proposed project design details

- Purple square: Proposed low height pylon location
- Purple line: Proposed overhead line alignment
- Grey area: Other temporary and permanent construction and operational works

Discipline specific constraints

- Dashed black line: Arboriculture Study Area
- Dashed pink line: Root protection area

Trees - Impact

- Green circle: Unaffected
- Red circle: Removed

Hedgerow - Impact

- Red line: Removed

Groups of trees - Impact

- Orange area: Potentially Affected
- Green area: Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

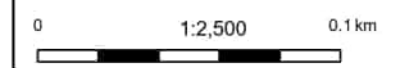
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 371 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C



FOR CONTINUATION SEE PAGE 371

FOR CONTINUATION SEE PAGE 373

FOR CONTINUATION SEE PAGE 374



Order Limits
 Sheet index outline

Proposed project design details
 Proposed low height pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Root protection area

Hedgerow - Impact
 Removed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 372 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

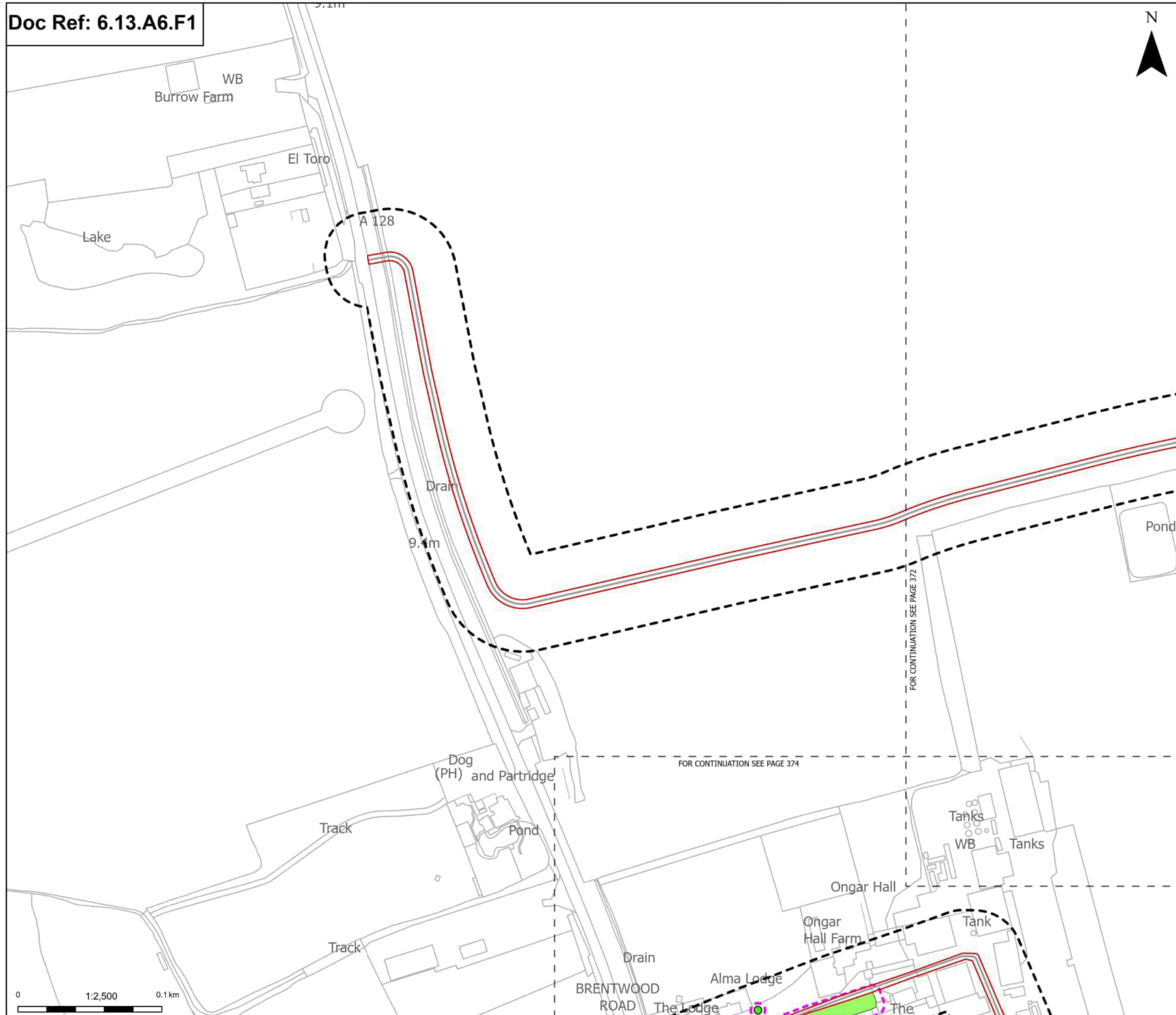
Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C

Tanks
 WB
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0 1:2,500 0.1 km



Order Limits

Sheet index outline

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Unaffected

Groups of trees - Impact

- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Rev	Date	Description	Drawn	Check	Approv
C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

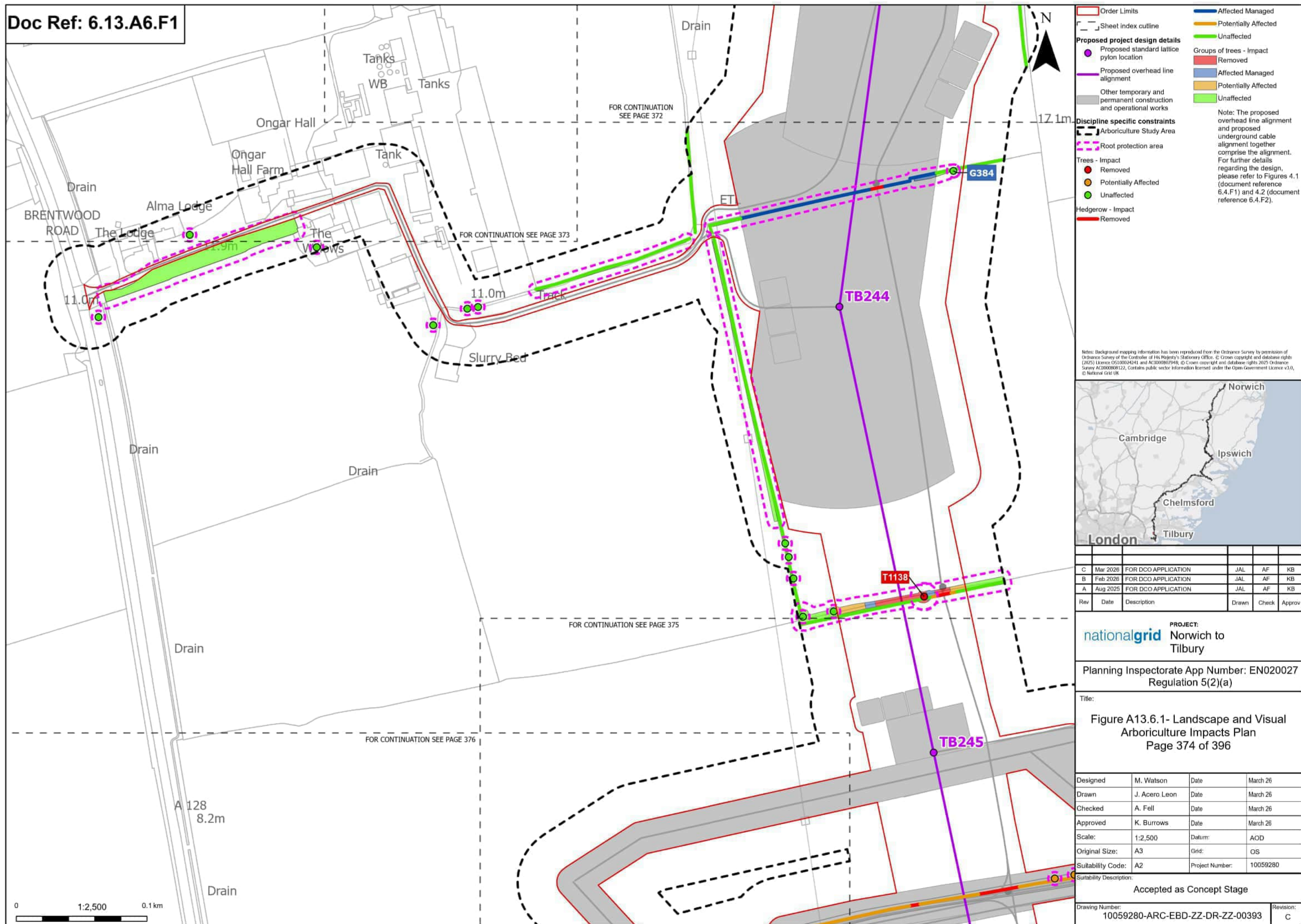
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 373 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
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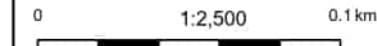
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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

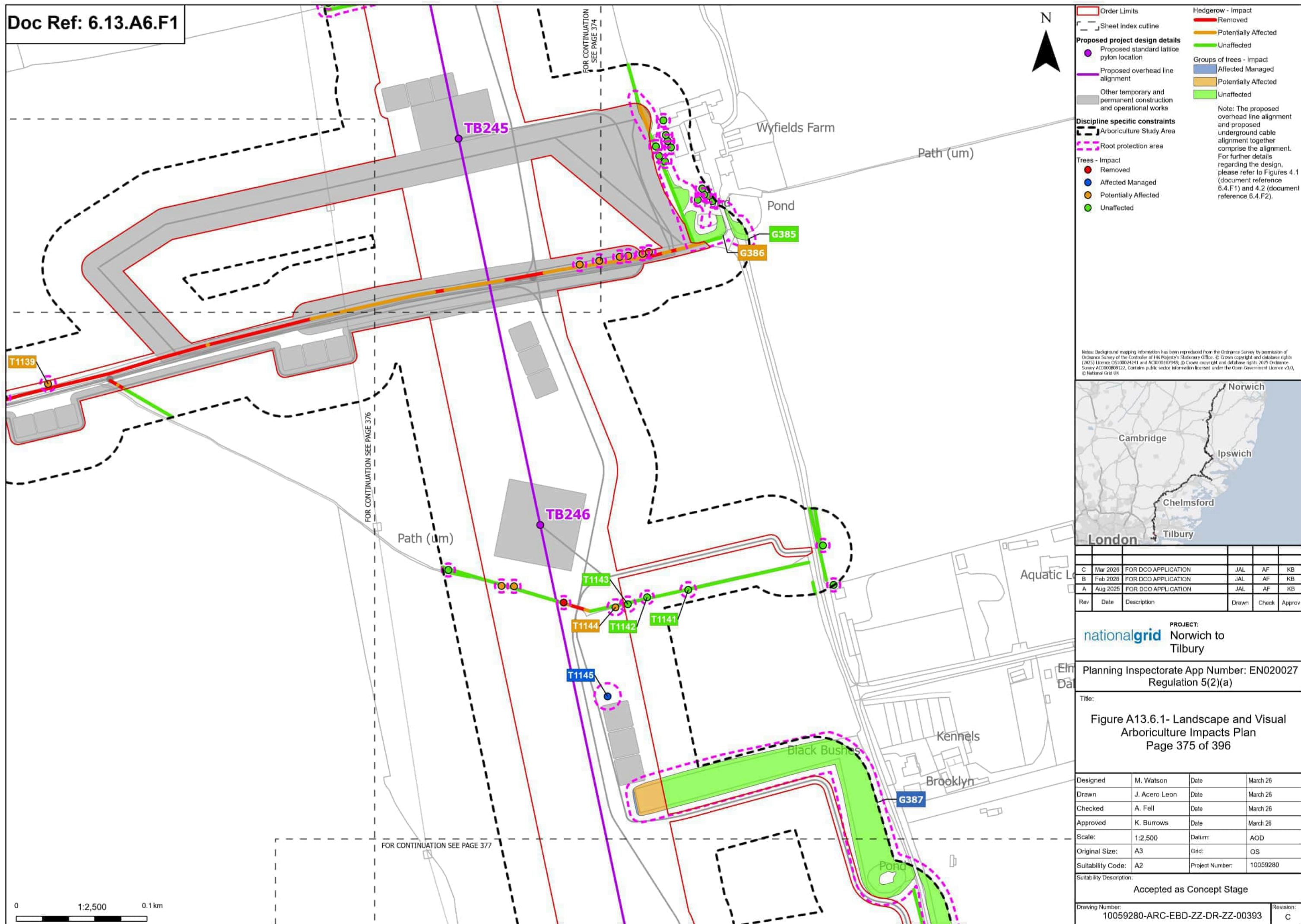
PROJECT:
 nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00393
 Revision: C





Order Limits

- Sheet index cutline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Hedgerow - Impact

- Removed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Affected Managed
- Potentially Affected
- Unaffected

Trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

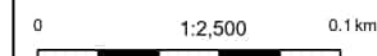
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Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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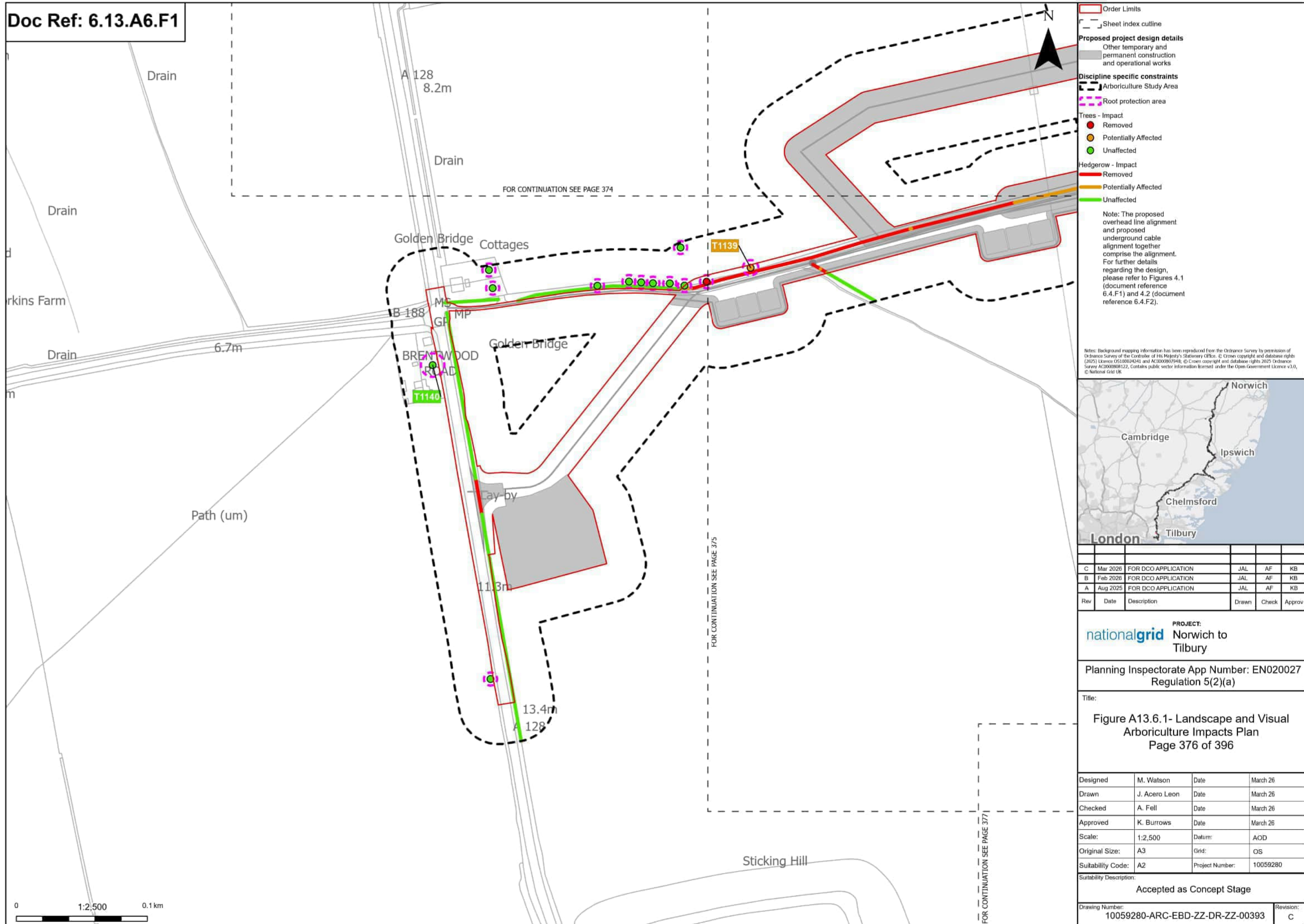
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Drawn	J. Acero Leon	Date	March 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
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Revision:
 C





Order Limits

Sheet index outline

Proposed project design details

- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Removed (Red circle)
- Potentially Affected (Yellow circle)
- Unaffected (Green circle)

Hedgerow - Impact

- Removed (Red line)
- Potentially Affected (Yellow line)
- Unaffected (Green line)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

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Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
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Approved	K. Burrows	Date	March 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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Revision:
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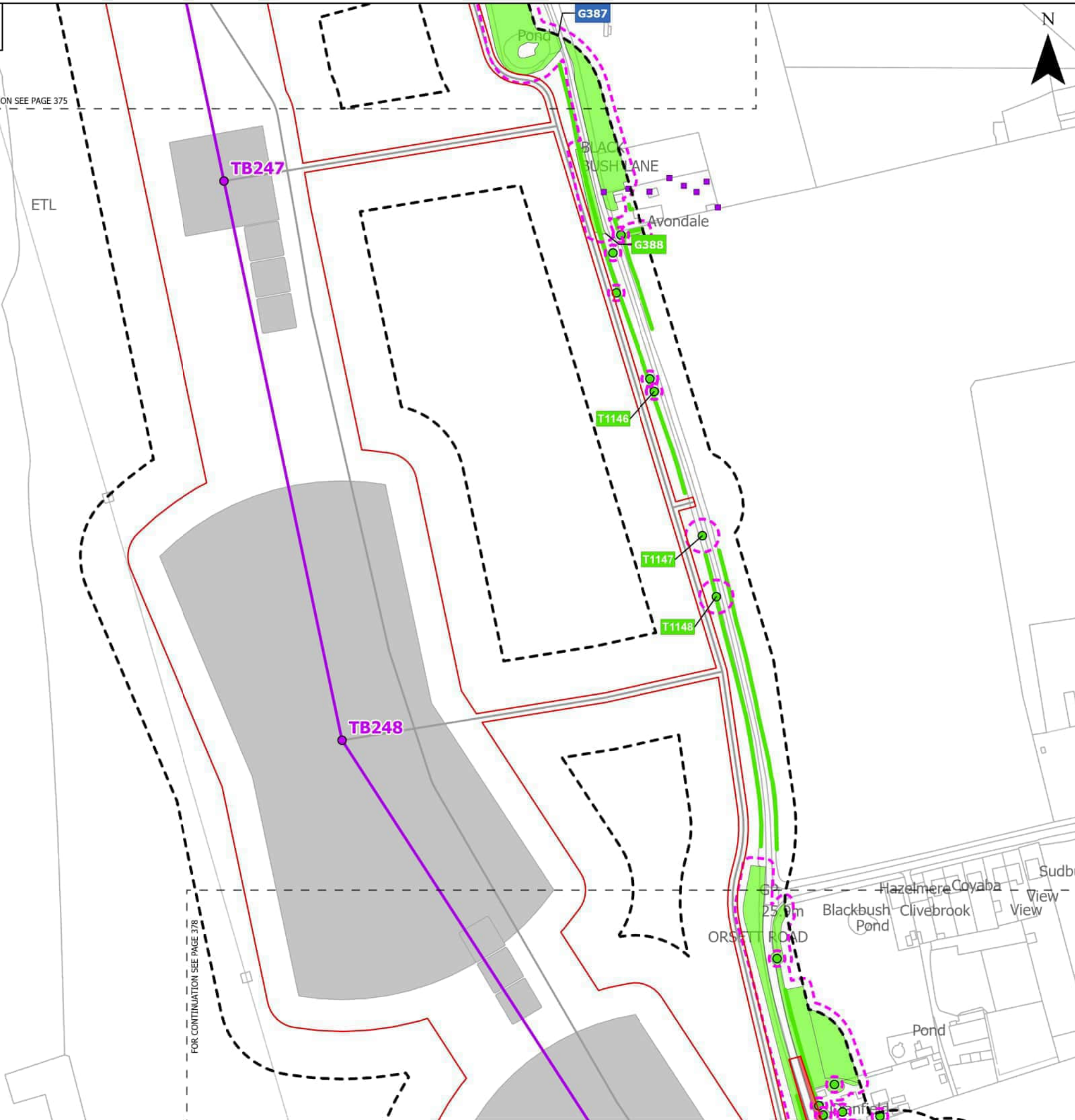
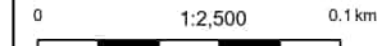


FOR CONTINUATION SEE PAGE 376

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FOR CONTINUATION SEE PAGE 378



Order Limits

Sheet index outline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO individual trees
- Root protection area

Trees - Impact

- Unaffected

Hedgerow - Impact

- Unaffected

Groups of trees - Impact

- Removed
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

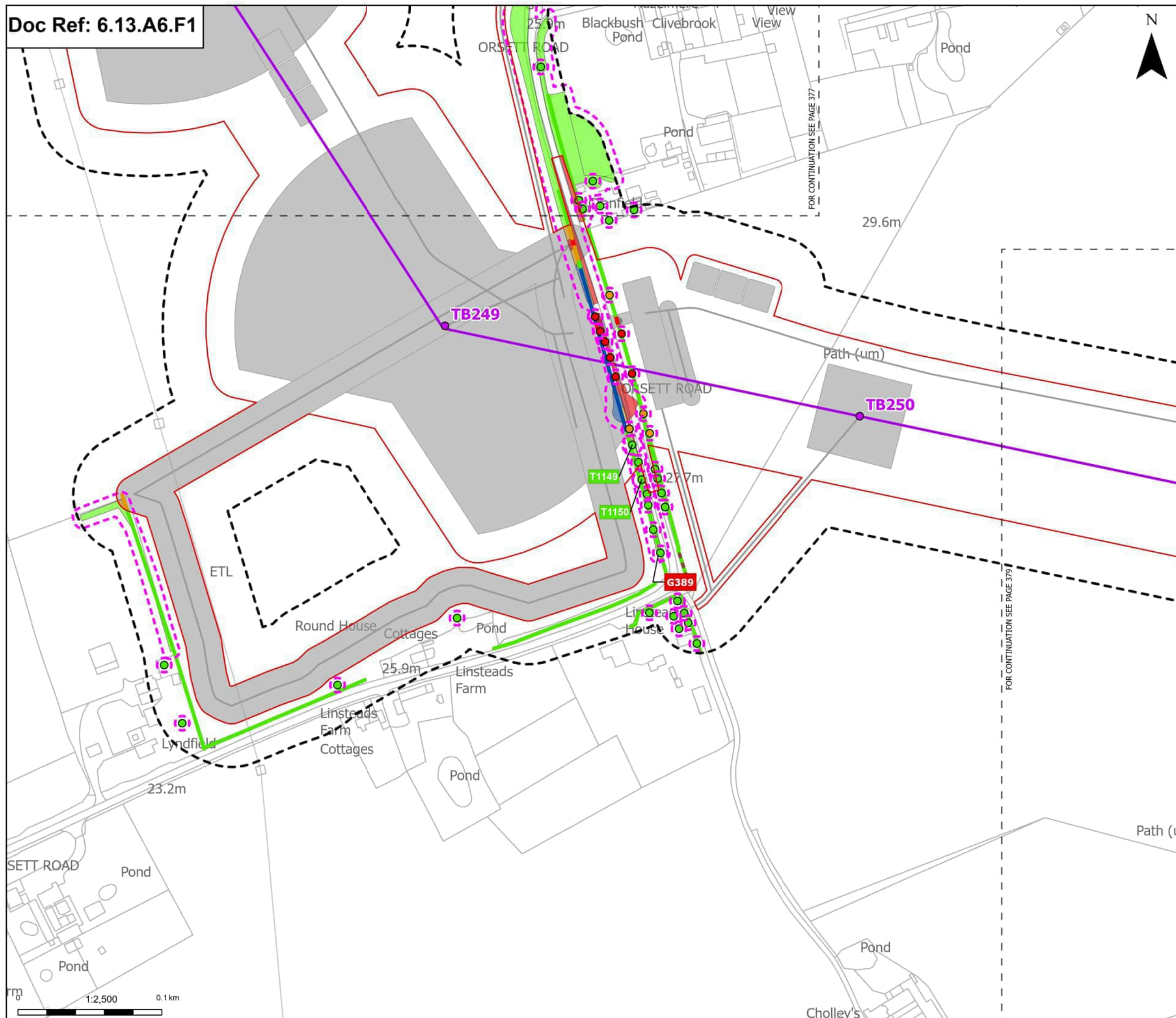
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number:
10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
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Order Limits
 Sheet index cutline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Important Hedgerows
 Root protection area

Trees - Impact
 Removed
 Potentially Affected
 Unaffected

Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

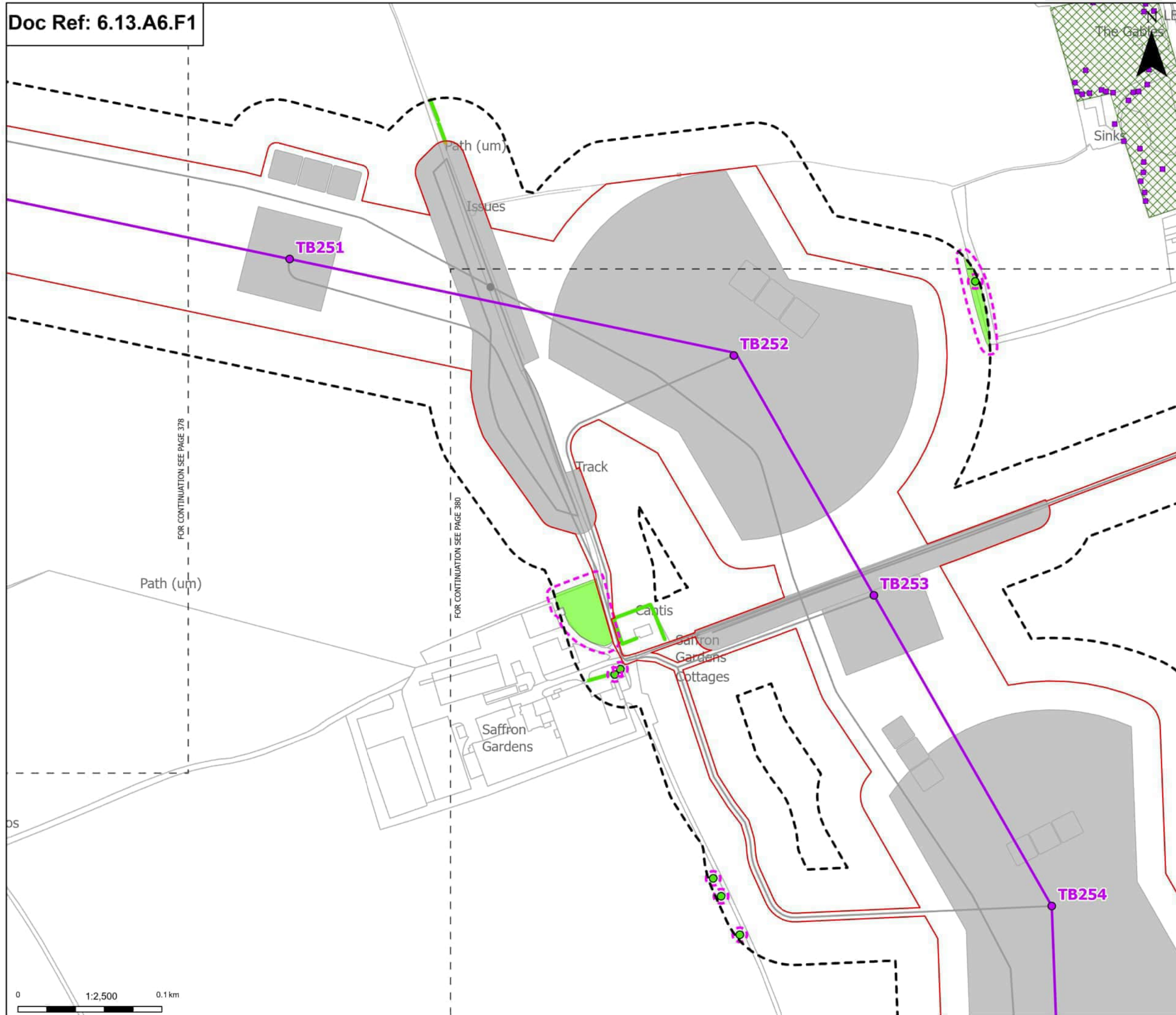
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 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C



Order Limits
 Sheet index cutline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 TPO group of trees
 TPO individual trees
 Root protection area

Trees - Impact
 Unaffected
 Potentially Affected
 Unaffected

Hedgerow - Impact
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Unaffected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

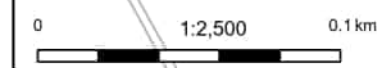
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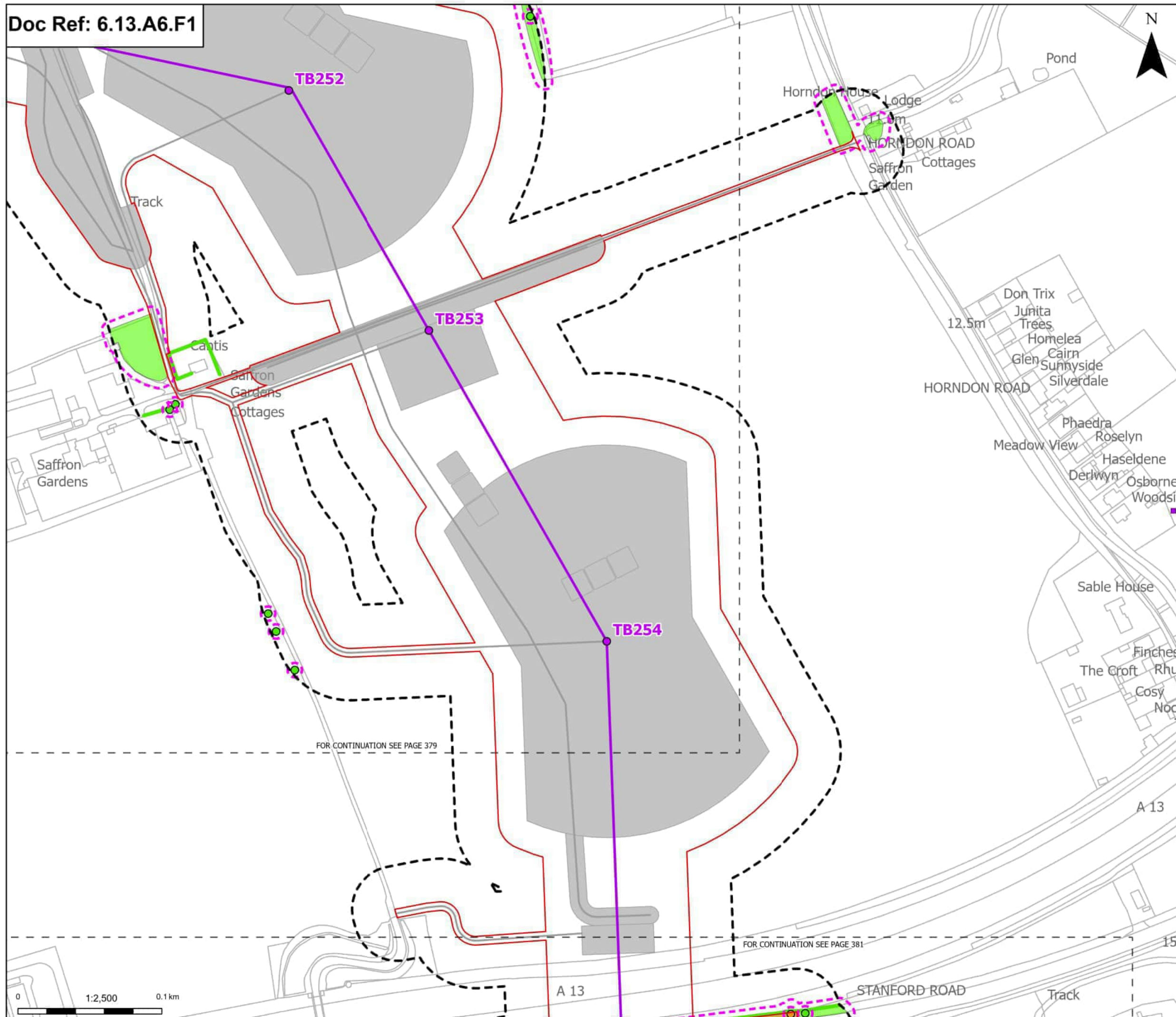
Title:
Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
 Page 379 of 396

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
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Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393
 Revision:
 C





Order Limits

- Sheet index cutline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO individual trees
- Root protection area

Trees - Impact

- Potentially Affected

Hedgerow - Impact

- Unaffected

Groups of trees - Impact

- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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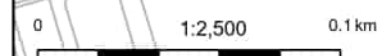
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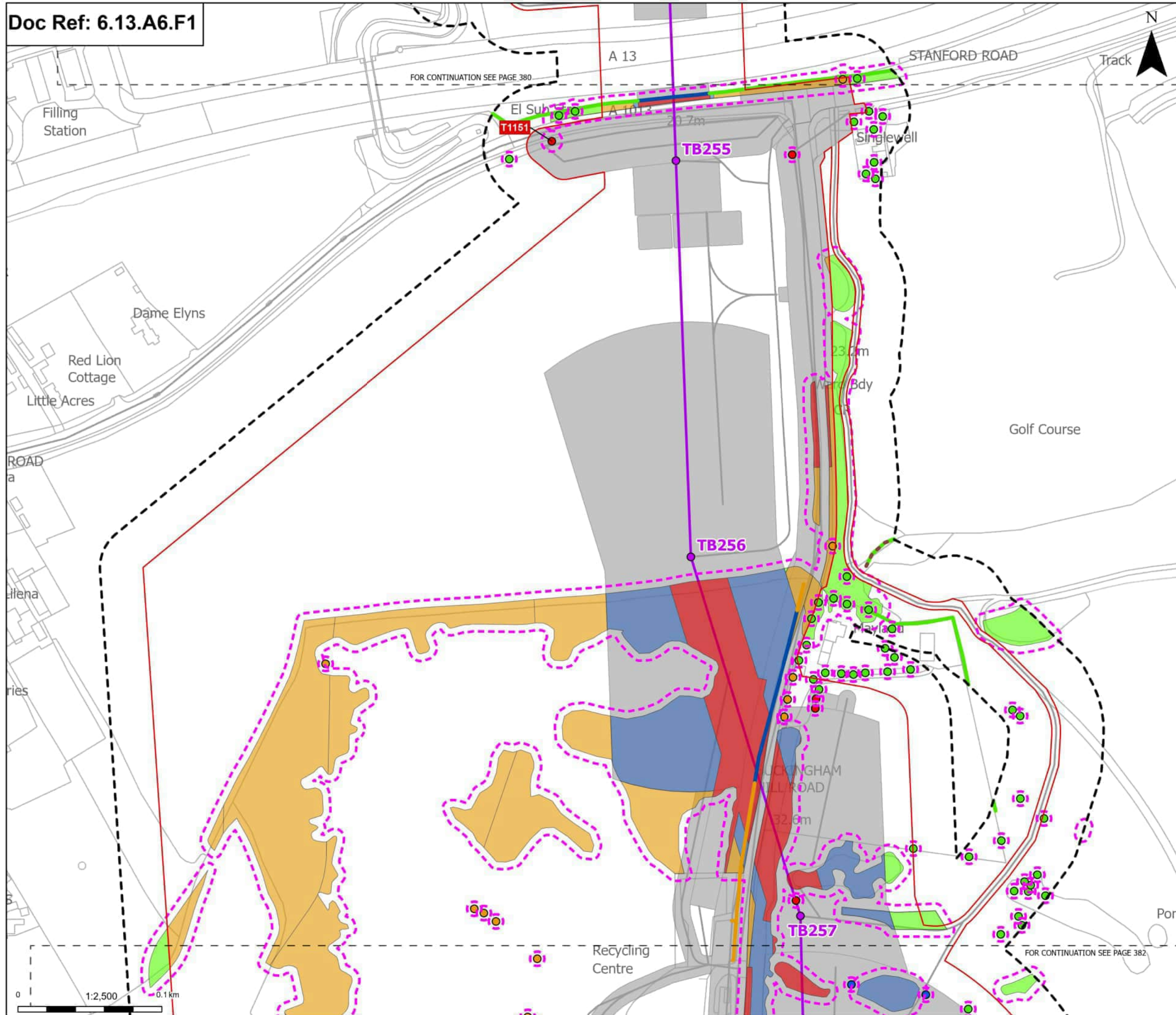
PROJECT: **nationalgrid** Norwich to Tilbury

Planning Inspectorate App Number: EN020027 Regulation 5(2)(a)

Title: **Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan Page 380 of 396**

Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description: Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00393	Revision:	C





Order Limits
 Sheet index cutline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Important Hedgerows
 Root protection area

Hedgerow - Impact
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

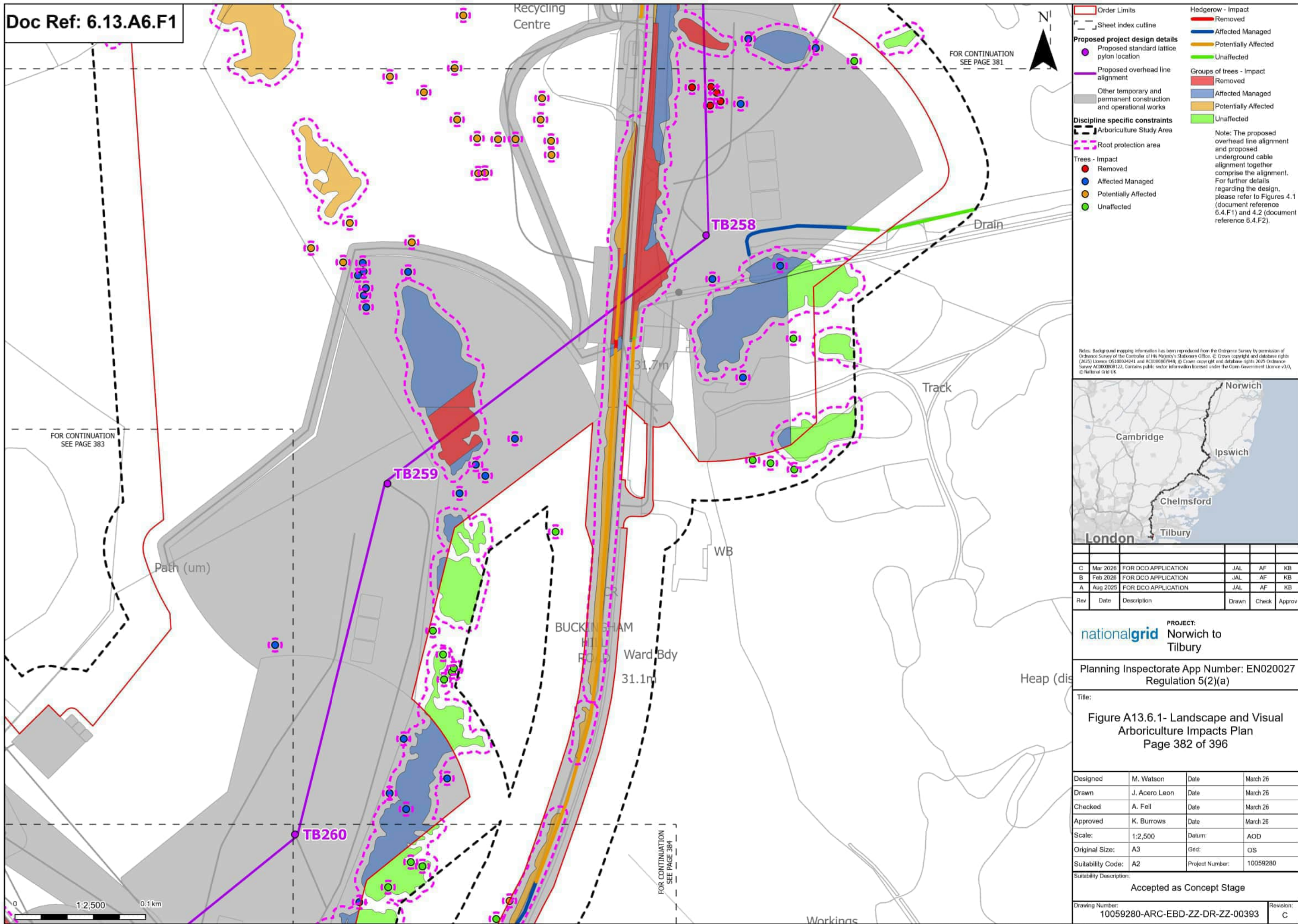
Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00393

Revision:
 C



Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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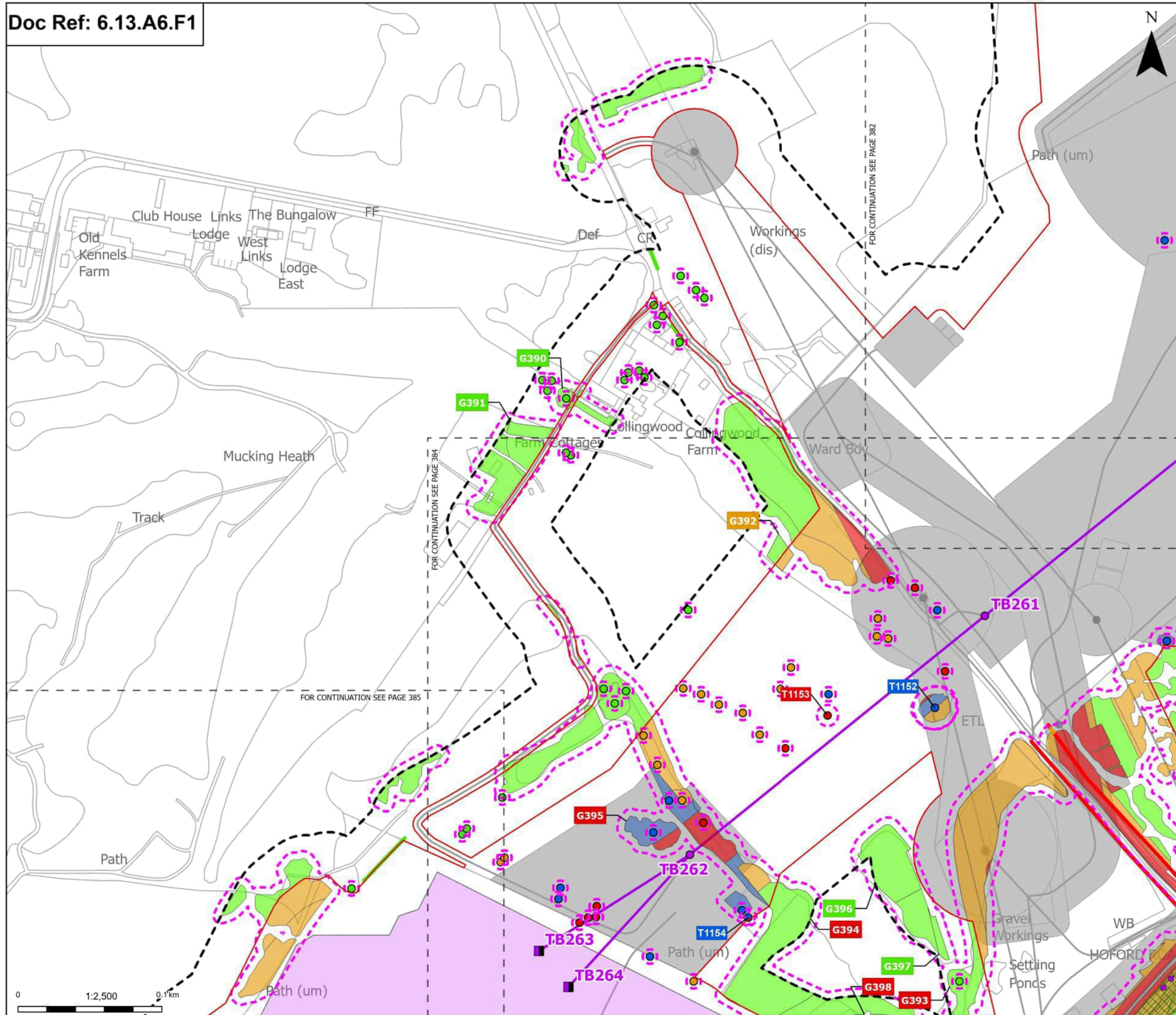
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Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Checked	A. Fell	Date	March 26
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Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00393	Revision: C
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Proposed project design details

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed Tilbury North Substation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO group of trees
- TPO individual trees
- Root protection area

Trees - Impact

- Removed

Hedgerow - Impact

- Removed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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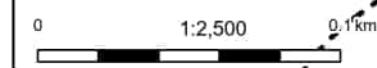
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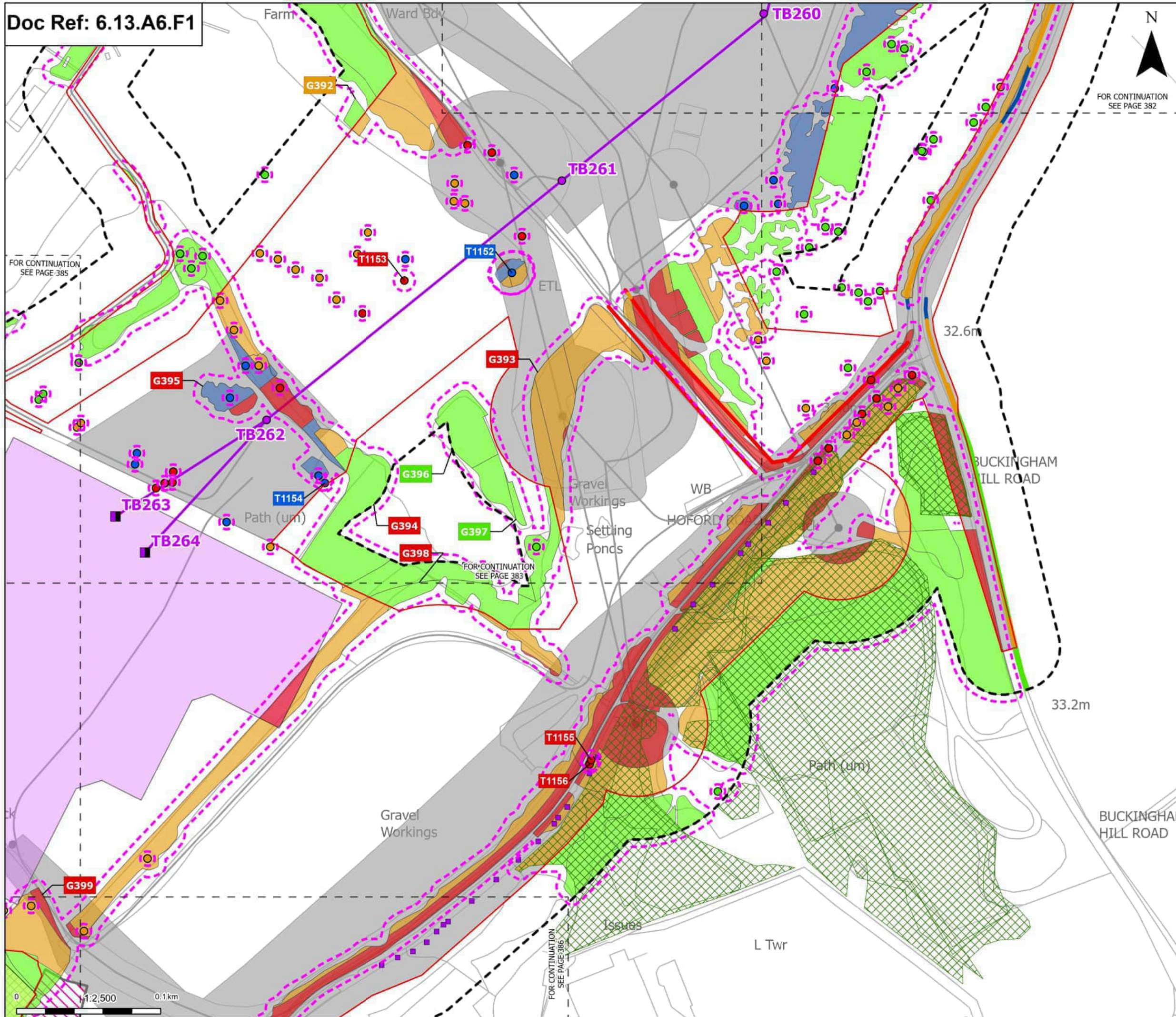
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nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
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Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage
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 Revision: C





Order Limits

- Order Limits
- Sheet index outline

Proposed project design details

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed Tilbury North Substation
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO group of trees
- TPO individual trees
- Root protection area

Trees - Impact

- Removed
- Affected Managed
- Potentially Affected

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Unaffected

- Unaffected
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

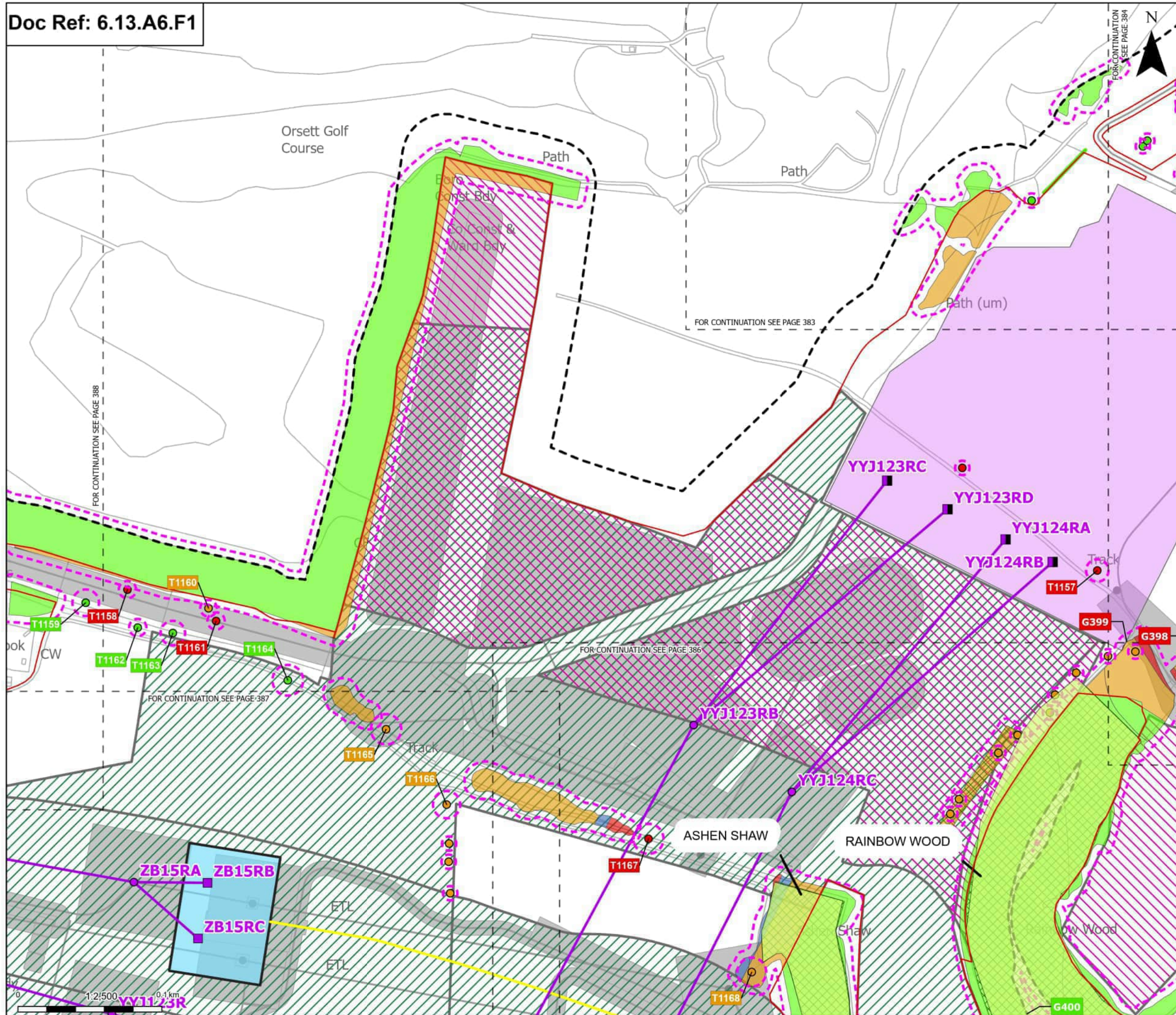
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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00393	Revision:	C
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Order Limits

- Sheet index outline

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO group of trees
- Root protection area

Trees - Impact

- Removed
- Potentially Affected
- Unaffected

Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

- Unaffected

Hedgerow - Impact

- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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C	Mar 2026	FOR DCO APPLICATION	JAL	AF	KB
B	Feb 2026	FOR DCO APPLICATION	JAL	AF	KB
A	Aug 2025	FOR DCO APPLICATION	JAL	AF	KB

PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

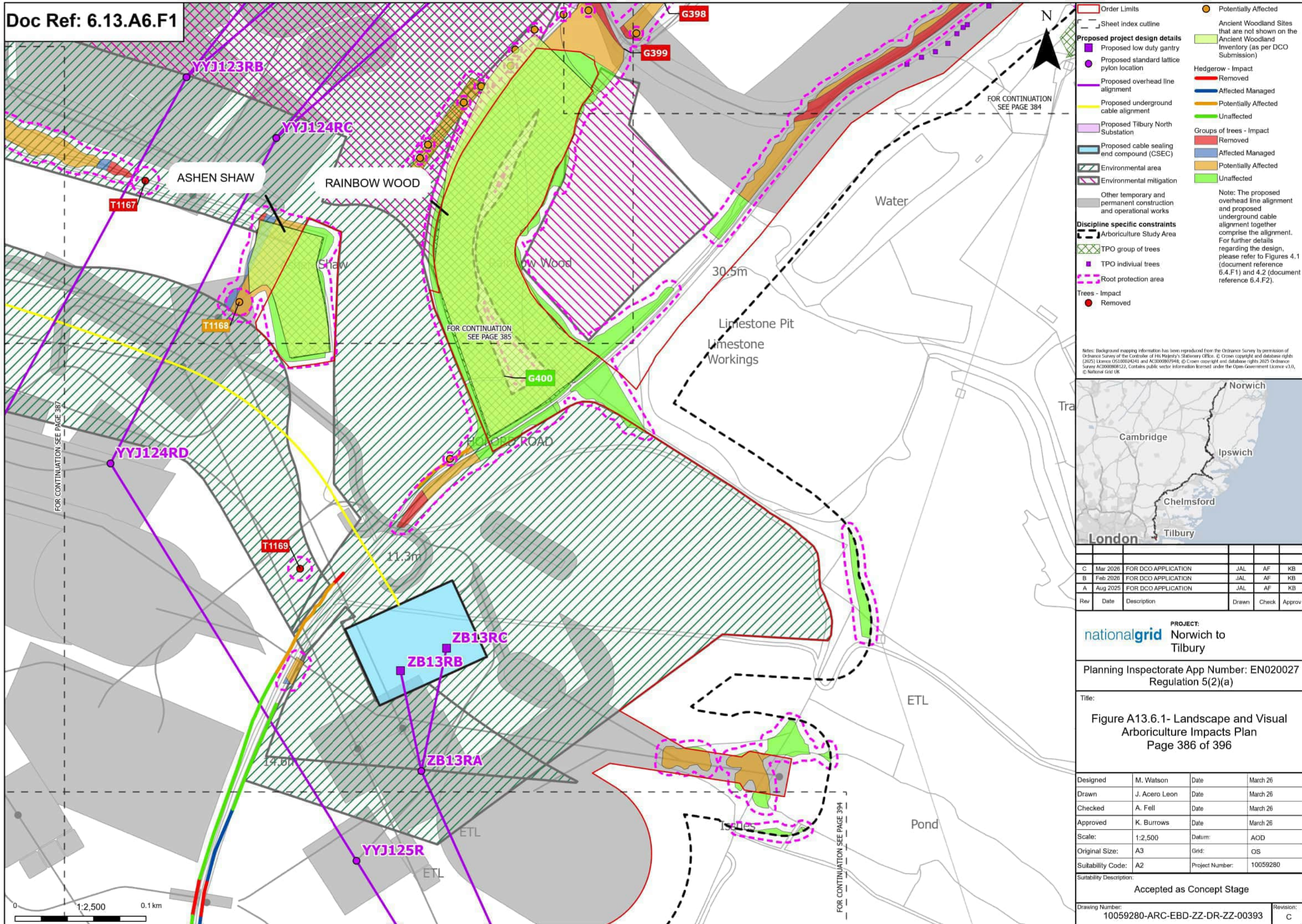
Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
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Approved	K. Burrows	Date	March 26
Scale:	1:2,500	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Sustainability Description:
 Accepted as Concept Stage

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Order Limits

- Order Limits
- Sheet index outline

Proposed project design details

- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- TPO group of trees
- TPO individual trees
- Root protection area

Trees - Impact

- Removed

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Ancient Woodland Sites

- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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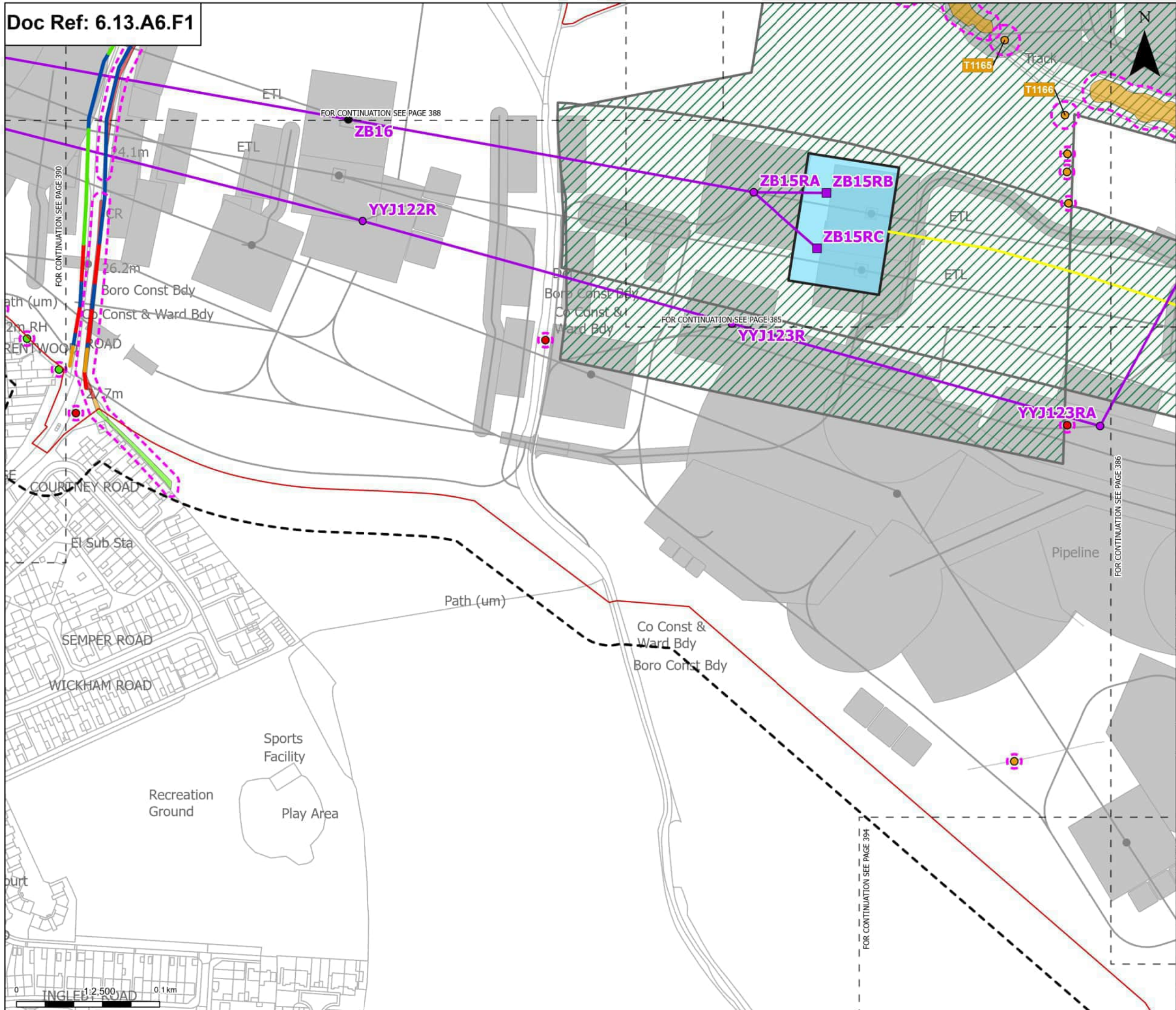
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Order Limits

- Sheet index cutline

Proposed project design details

- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Removed

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Other temporary and permanent construction and operational works

- Environmental area

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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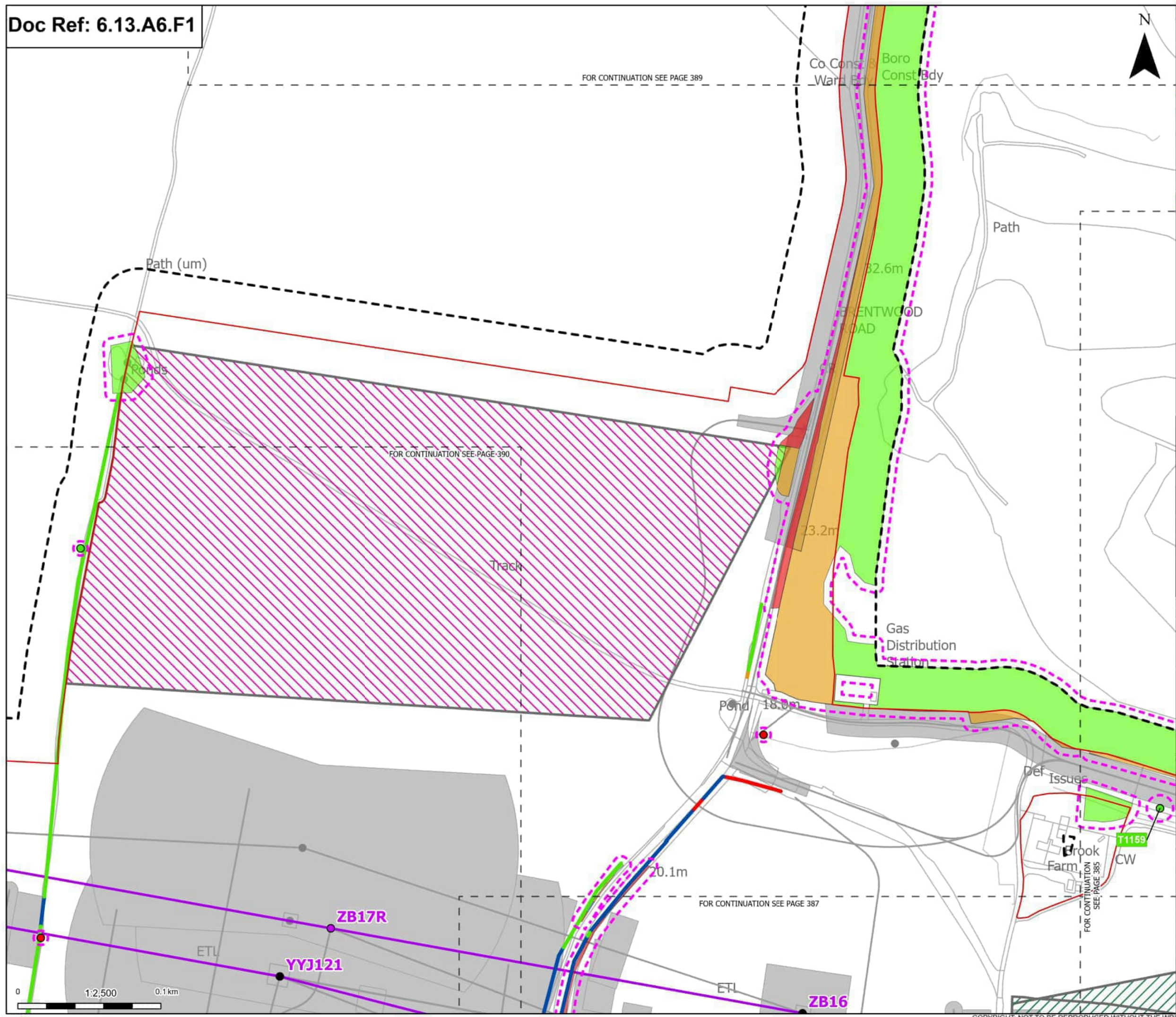
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

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Revision:
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Order Limits
 Sheet index outline

Proposed project design details
 Existing pylon (modify)
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Environmental area
 Environmental mitigation
 Other temporary and permanent construction and operational works
Discipline specific constraints
 Arboriculture Study Area
 Root protection area

Trees - Impact
 Removed
 Unaffected

Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

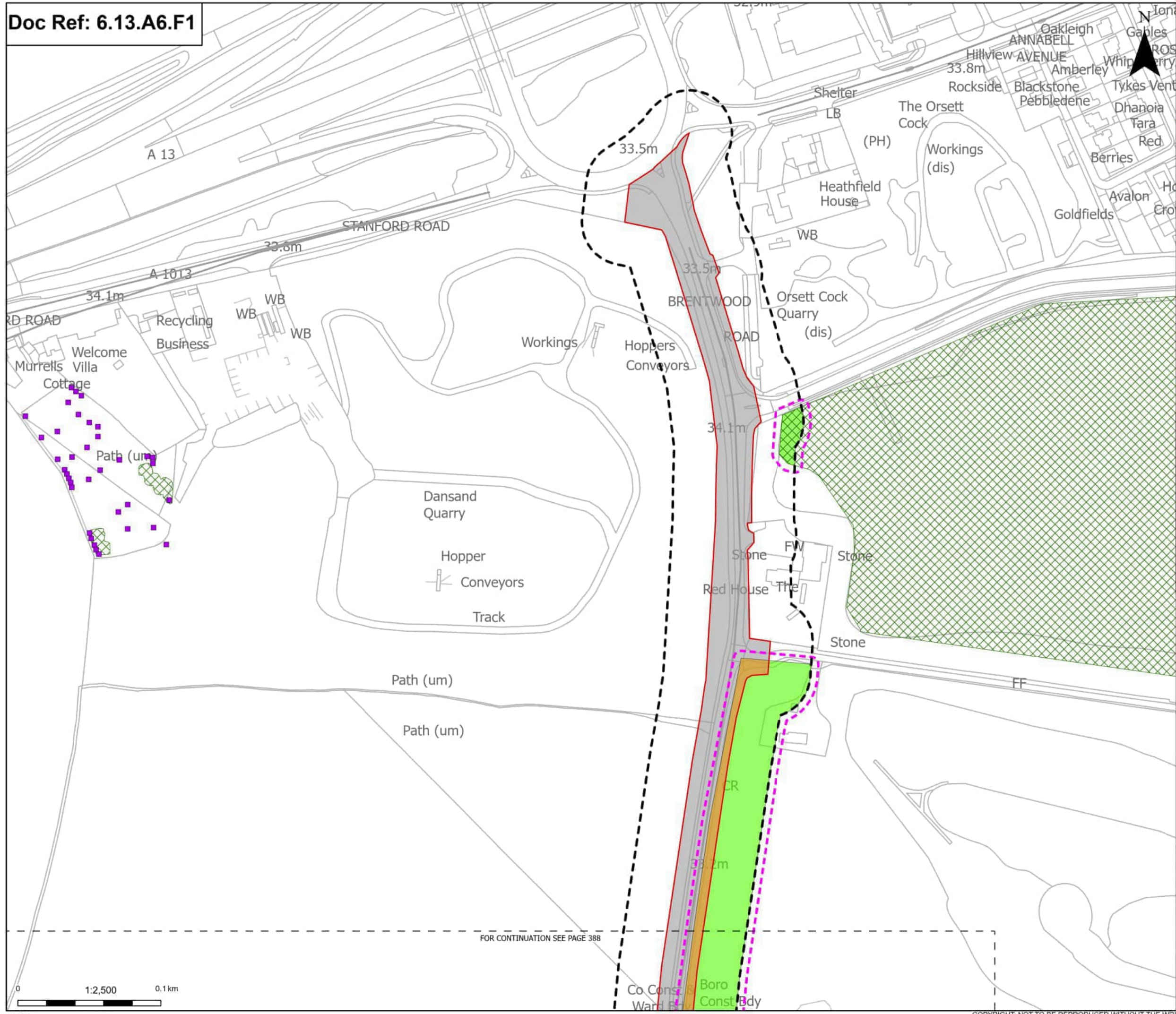
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Suitability Description:
 Accepted as Concept Stage

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Order Limits
 - - - Sheet index outline

Proposed project design details
 - - - Other temporary and permanent construction and operational works

Discipline specific constraints
 - - - Arboriculture Study Area

TPO group of trees
 [Green hatched box]

TPO individual trees
 [Purple square]

Root protection area
 [Pink dashed line]

Groups of trees - Impact
 [Orange box] Potentially Affected
 [Green box] Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

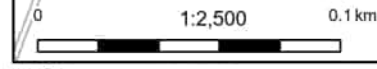
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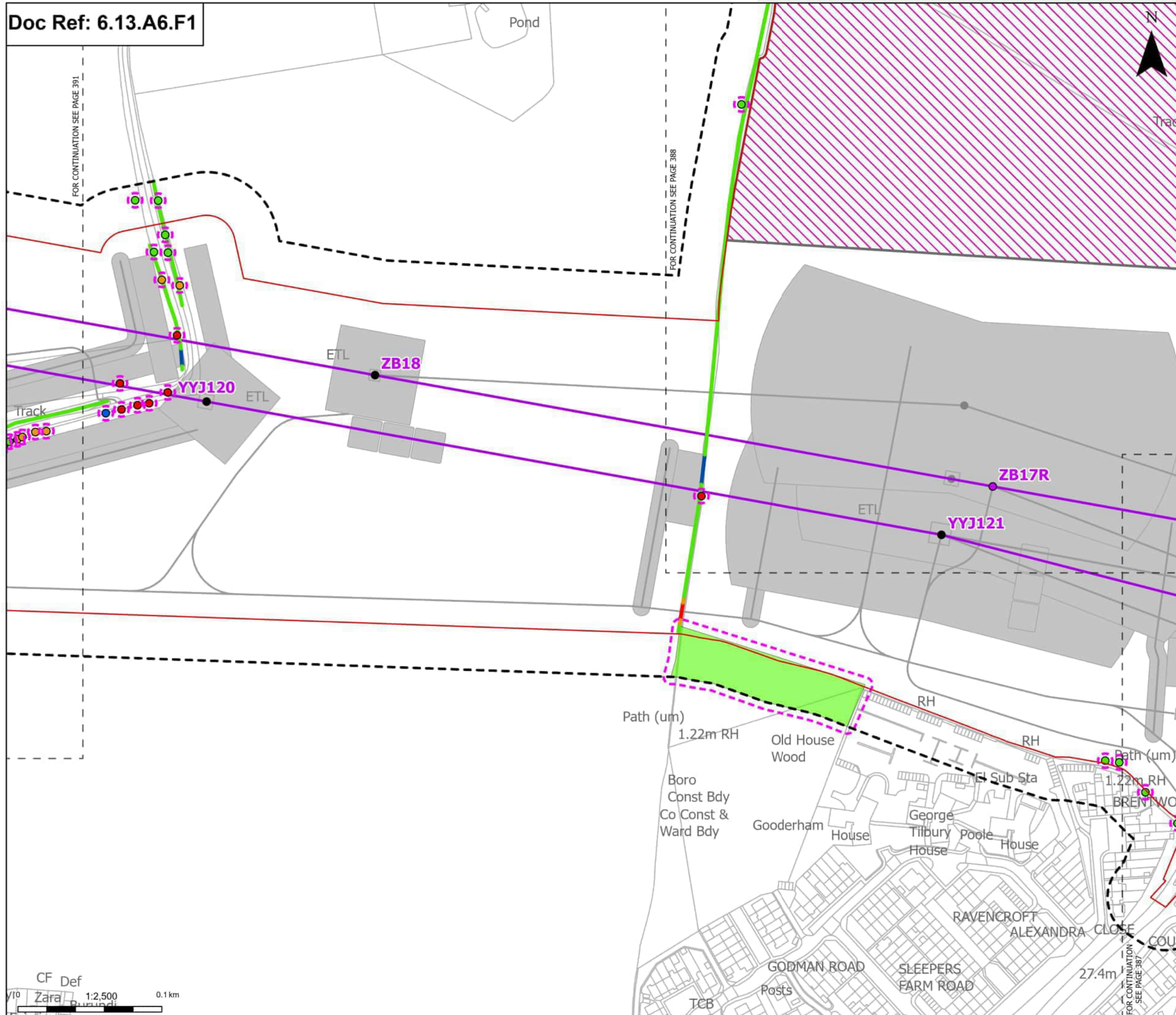
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 Revision: C





Legend

- Order Limits
- Sheet index culline
- Proposed project design details
 - Existing pylon (modify)
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
- Discipline specific constraints
 - Arboriculture Study Area
 - Root protection area
- Trees - Impact
 - Removed
 - Affected Managed
 - Potentially Affected
- Hedgerow - Impact
 - Removed
 - Affected Managed
 - Potentially Affected
 - Unaffected
- Groups of trees - Impact
 - Potentially Affected
 - Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

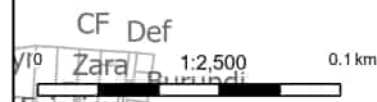
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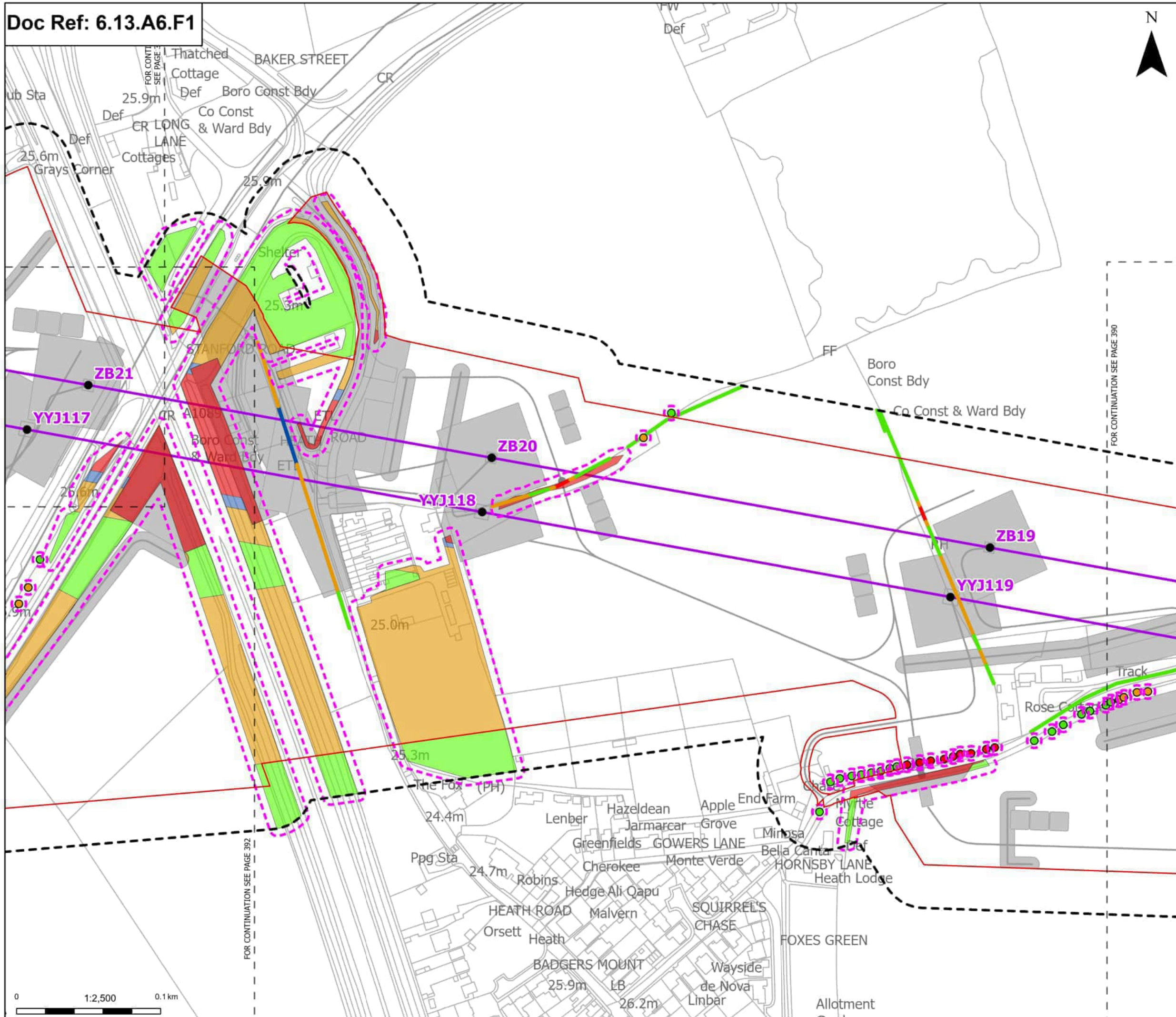
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

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 10059280-ARC-EBD-ZZ-DR-ZZ-00393





Order Limits

- Sheet index outline

Proposed project design details

- Existing pylon (modify)
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Removed
- Potentially Affected
- Unaffected

Hedgerow - Impact

- Removed

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

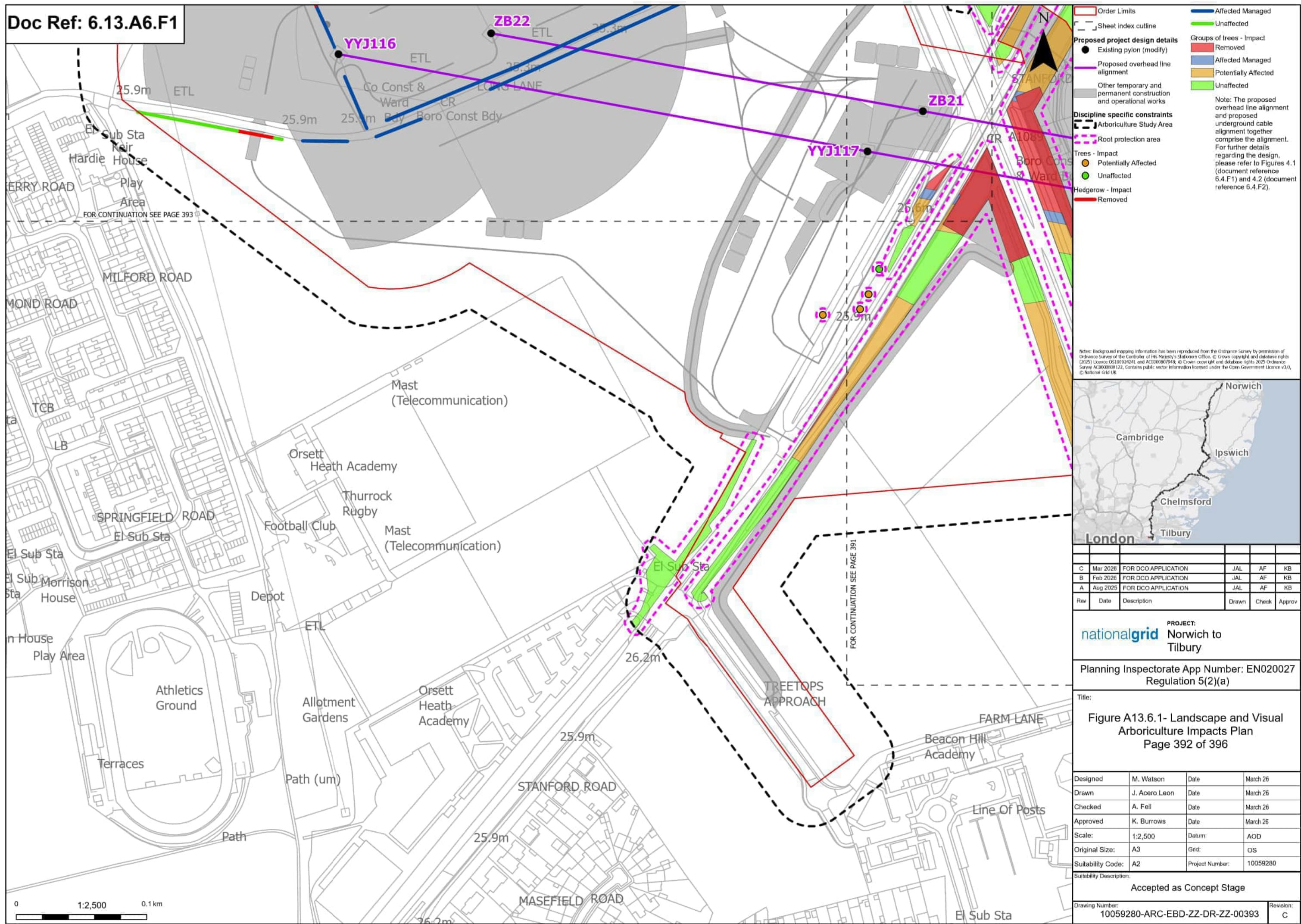
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Proposed project design details

- Existing pylon (modify)
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Potentially Affected
- Unaffected

Hedgerow - Impact

- Removed

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

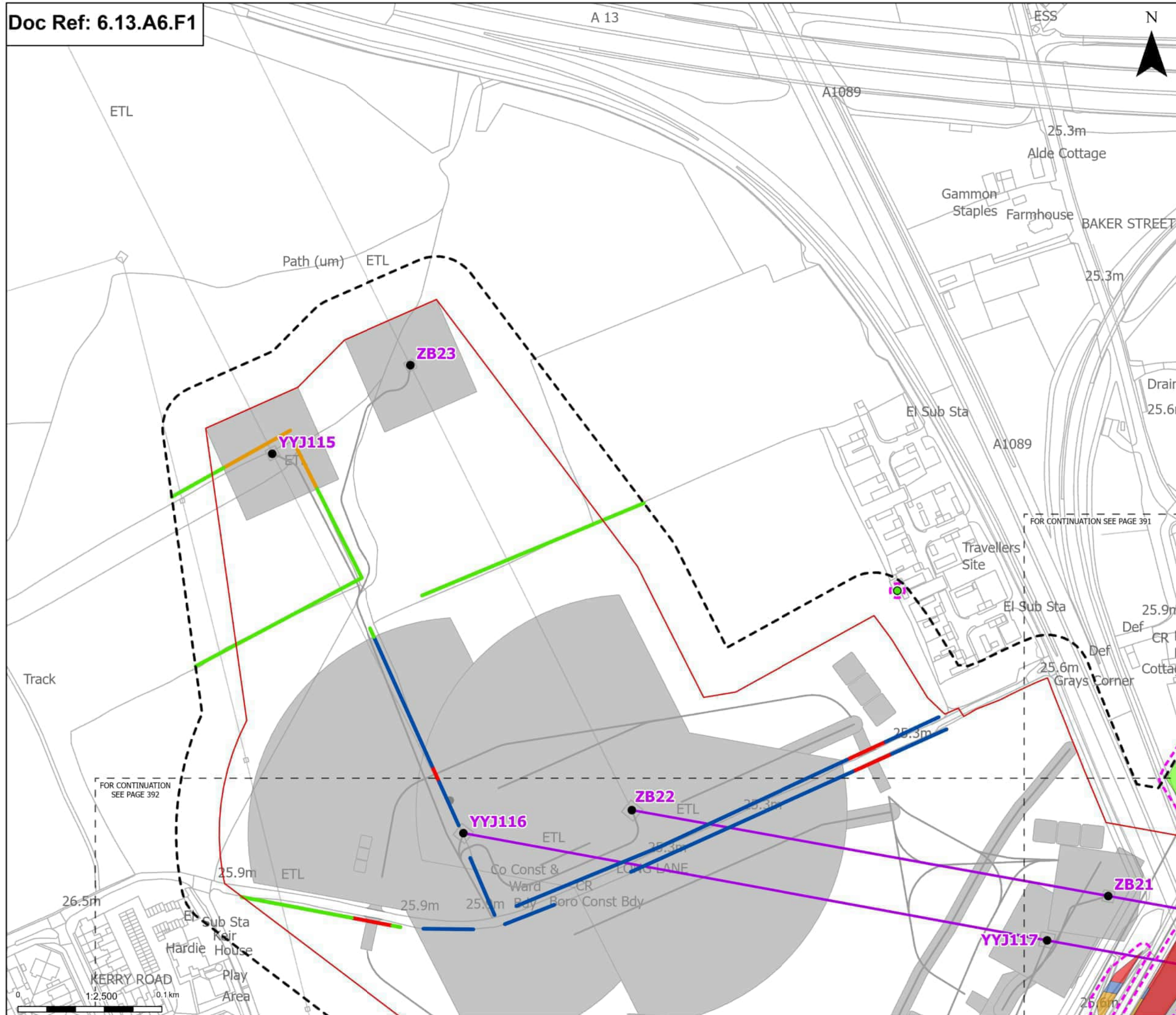
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 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Suitability Description:
 Accepted as Concept Stage

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Order Limits

- Sheet index cutline

Proposed project design details

- Existing pylon (modify)
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Unaffected

Hedgerow - Impact

- Removed
- Affected Managed

Potentially Affected

- Unaffected

Groups of trees - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

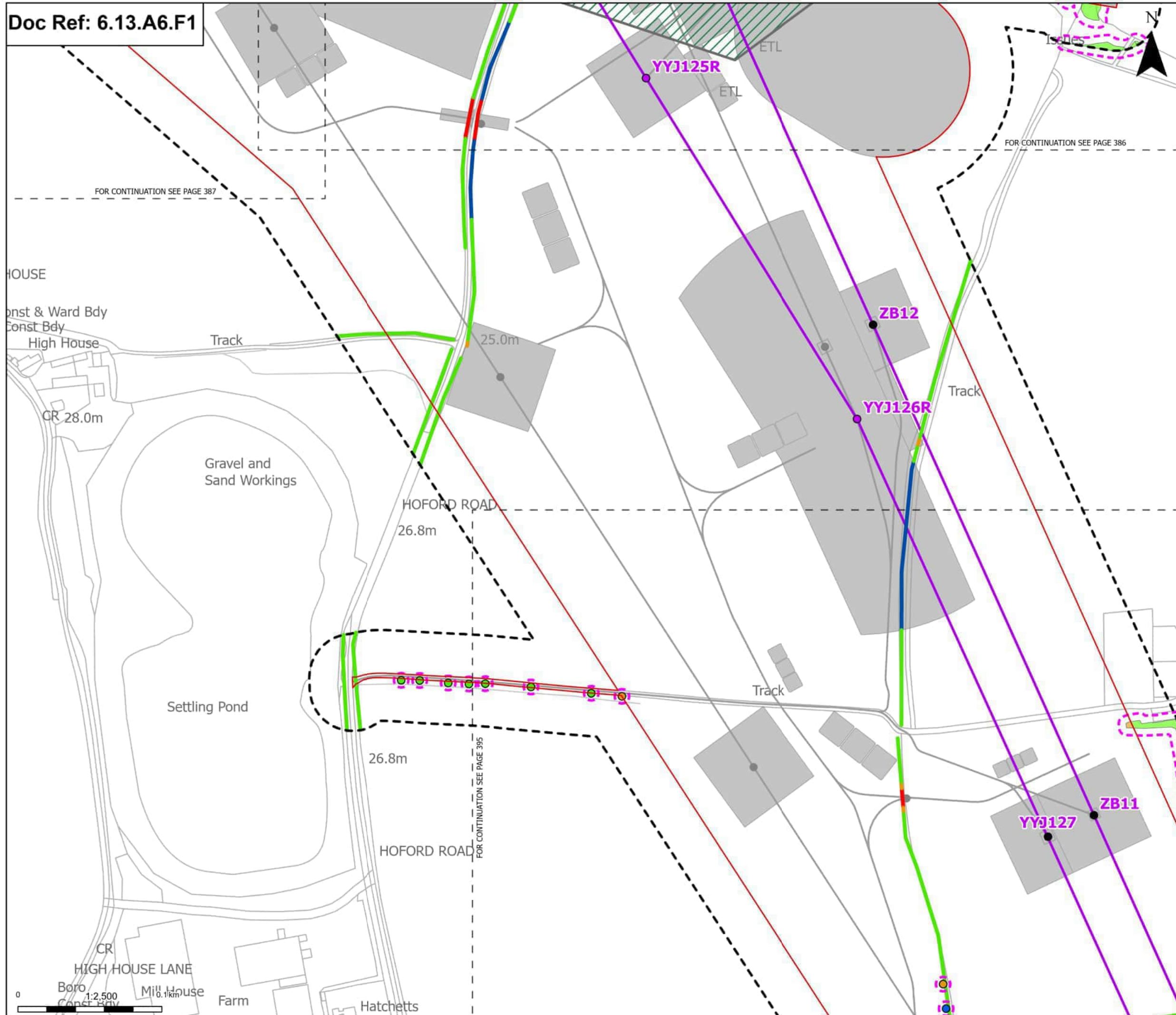
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

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Proposed project design details

- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment

Discipline specific constraints

- Arboriculture Study Area
- Root protection area

Trees - Impact

- Affected Managed
- Potentially Affected

Groups of trees - Impact

- Potentially Affected
- Unaffected

Hedgerow - Impact

- Removed
- Affected Managed
- Potentially Affected
- Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT: **nationalgrid** Norwich to Tilbury

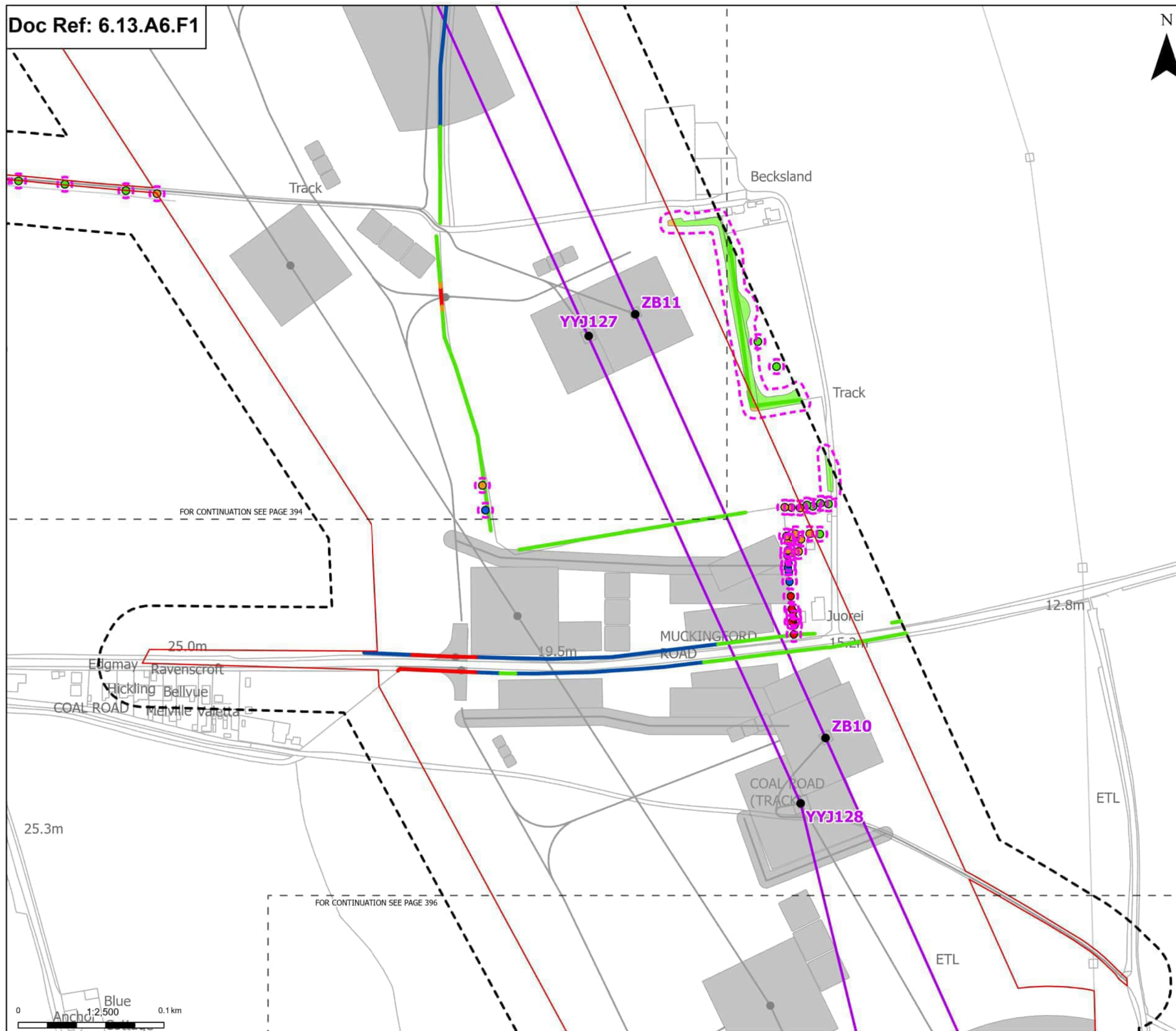
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Order Limits
 Sheet index cutline

Proposed project design details
 Existing pylon (modify)
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area
 Root protection area

Trees - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Hedgerow - Impact
 Removed
 Affected Managed
 Potentially Affected
 Unaffected

Groups of trees - Impact
 Potentially Affected
 Unaffected

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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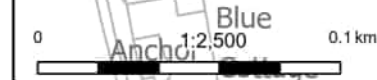
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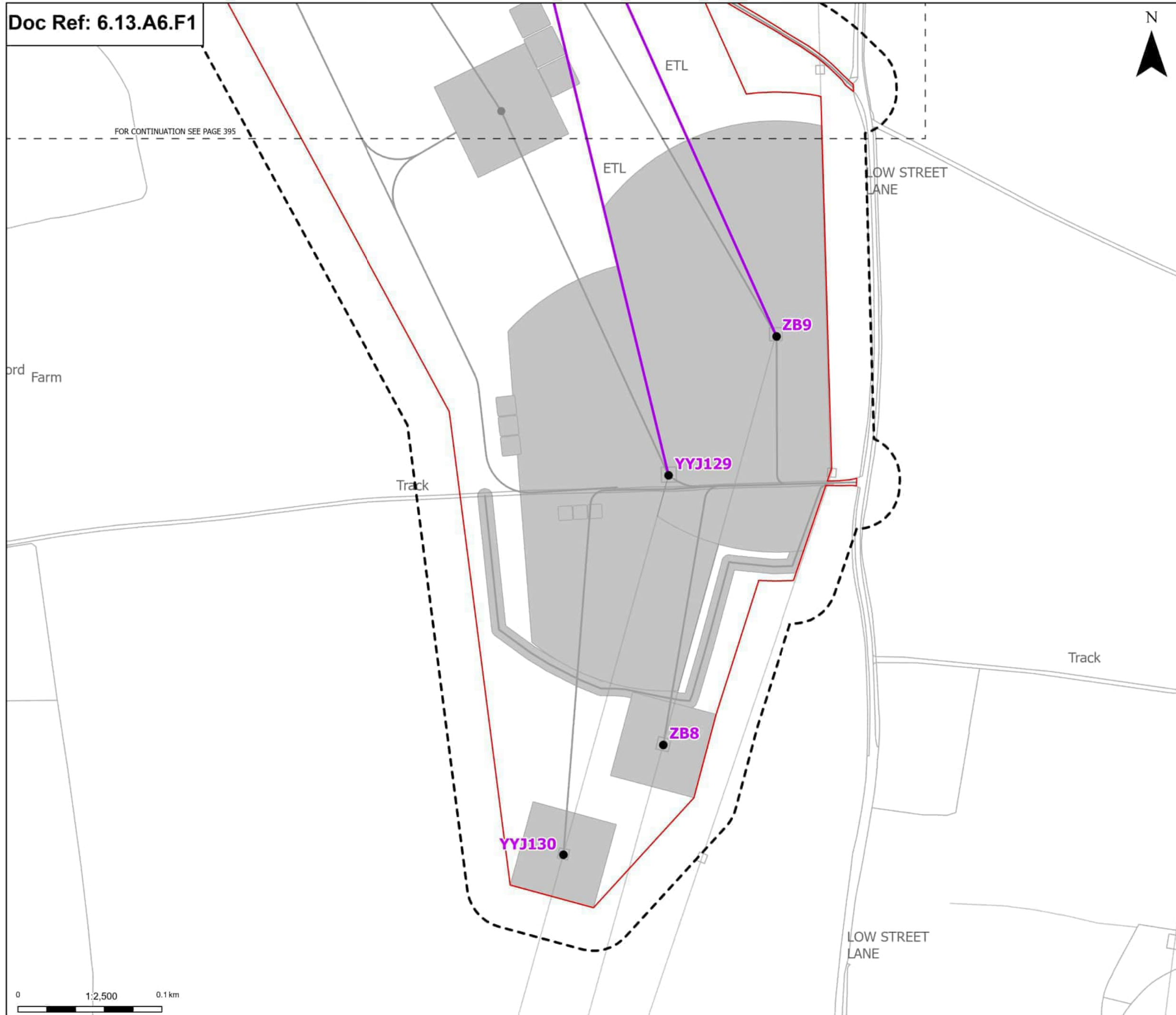
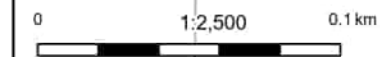
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Order Limits
 Sheet index outline

Proposed project design details
 Existing pylon (modify)
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 Arboriculture Study Area

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
 nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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Title:
 Figure A13.6.1- Landscape and Visual Arboriculture Impacts Plan
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Designed	M. Watson	Date	March 26
Drawn	J. Acero Leon	Date	March 26
Checked	A. Fell	Date	March 26
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Appendix F

7.4 Outline Landscape and Ecological Management Plan – Appendix B - Ancient Woodland and Veteran Tree Strategy Report

1.1 Introduction

- 1.1.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.2 Summary

- 1.2.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.3 Purpose of the Strategy

- 1.3.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.4 Structure of the Strategy

- 1.4.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.5 Project Commitments

- 1.5.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.6 Ancient Woodland and Veteran Tree Surveys

1.7 Ancient Woodland

- 1.7.1 A total of 73 ancient woodlands now fall within 200 m of the Order Limits as a result of the revised AWI data, provided in July and October 2025, following the submission of **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**. The locations of these woodlands are presented on Figure B.A.1: Ancient Woodland Locations (Within Study Area) (Revision B) in Annex A of Appendix F. More information relating to these ancient woodlands is set out in Appendix D of this Addendum, to summarise:

- 28 newly identified ancient woodland sites are within the Study Area, six of these woodlands had been identified by the Project as ancient woodland because of evidence that they supported ancient features. Of these, 22 had not been previously defined by the Project and required thorough assessment

- Four woodlands (Middle Wood (Offton) (Section B), Lady Grove (Section F), Mann/Parson's Wood (Section E / F) and Sparrowhawk Wood (Section F) had a revision to their ancient woodland boundary. As a result of these changes, the ancient woodland associated with Lady Grove is within 15 m of the Order Limits and the ancient woodlands associated with Middle Wood (Offton) and Sparrowhawk Wood now sit adjacent to the Order Limits. As a result of the change to Mann/Parson's Wood the area identified as ancient woodland is no longer within 15 m of proposed works.

1.8 Veteran Trees

- 1.8.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.9 Full Results

- 1.9.1 Since the submission of the DCO application in August 2025, changes to the AWI in Suffolk and Essex¹ have resulted in the identification of the following:
- 28 new ancient woodland areas within 200 m of the Order Limits, seven of which are located within the Order Limits
 - Four ancient woodlands where boundaries have been revised within 200 m of the Order Limits, none of which are located within the Order Limits.

1.10 Ancient Woodland

1.11 Potential Impact Pathways

1.12 Construction Phases

- 1.12.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.13 Impact Pathways

- 1.13.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.14 Summary of Potential Impact Pathways

- 1.14.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.15 Impact Assessment

1.16 Summary of Impacts

- 1.16.1 While there has been a re-evaluation of the effects on ancient woodland, the conclusion that there will be an overall negligible impact with no significant residual effect on ancient woodland remains consistent with that reported in **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.
- 1.16.2 Figure B.A.2: Ancient Woodlands Subject to Mitigation (Revision B) is presented in Annex A of Appendix F.
- 1.16.3 Table F.1 identified potential impacts to the newly identified ancient woodlands, and updated impact assessment for Mann/Parson's Wood ancient woodland (Sections E and F) as a result of the revised ancient woodland boundary. Impacts on all other ancient woodlands reported in **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]** remain unchanged.
- 1.16.4 In addition, Table F.2 describes the habitat enhancement proposals associated with two ancient woodlands.
- 1.16.5 Annex C to this Appendix F includes Figures that show each ancient woodland identified within Table F.1, Table F.2 and Table F.3 with the construction elements.

Other Ancient Woodlands

- 1.16.6 It is important to distinguish the difference between distance to the Order Limits and distance to proposed construction works, as the Order Limits are not necessarily mutually exclusive with impact to, or loss of, habitat. While in theory the Limits of Deviation (LoD) on the proposed alignment could bring works into the 15 m buffer, a Project commitment, as detailed within **7.2 Outline Code of Construction Practice (Revision C)** will ensure that the avoidance of ancient woodland and its 15 m buffer is a priority in practice. Table F.B.1 within Annex B of Appendix F details the other ancient woodlands that are not currently impacted by the Project specifically but need to be considered during detailed design to ensure they remain unaffected by design changes that occur through the detailed design process.

Table F.1 Works proposed within 15 m of ancient woodland

Project Section	Ancient Woodland Name	Natural England Revision	Impact	Figure
A				
B	Lodgefield Row	Newly identified woodland following Suffolk revision	<p><u>Non-Excavation Works</u></p> <p>This plantation woodland is approximately 2 m north-west of the current alignment for the 400 kV overhead line (RG Route) between towers RG171 and RG172. Approximately 0.07 ha of woodland may require topping of upper canopy branches to maintain sufficient electrical clearance (20 m either side of the centreline plus an additional 8 m of vegetation managed). Some trees may require coppicing to just above ground level where they interact with the working area for overhead line installation. The woodland is sparse in tree cover and constrained by limited age diversity, with additional damage resulting from game management practices, particularly along its edges where impacts will be greatest. No ancient or veteran trees, nor ancient woodland soils or ground flora, will be affected by the proposed works, as impacts will be primarily concentrated within the upper canopy layer.</p> <p><u>Excavation Works</u></p> <p>A temporary haul road is proposed 12 m east of the woodland at its closest point, with associated vegetation clearance between 5 and 15 m from the woodland. Surfacing works of the road and vegetation clearance, which appears to be mostly arable habitat, will require some (albeit minor) excavation to facilitate construction.</p>	Figure B.C.12 (Annex C of Appendix F)
	Bushey Grove	Newly identified woodland following Suffolk revision	<p><u>Excavation Works</u></p> <p>Approximately 0.25 ha of Bushey Grove is within the Order Limits to facilitate the dismantling and subsequent undergrounding of 97 m of a third-party 33 kV overhead line. The overhead line is an existing asset within the woodland and to maintain sufficient electrical clearance, the woodland is already managed around the conductors and cables.</p>	Figure B.C.13 (Annex C of Appendix F)

Project Section	Ancient Woodland Name	Natural England Revision	Impact	Figure
			Undergrounding of the 33 kV overhead line will require excavation (albeit minor) directly underneath the footprint of the current alignment. Excavation works are required to remove the reinforced concrete foundation of 33 kV towers to 1.2 m below ground level.	
D	Horkesley Plantation	Newly identified woodland following Essex revision	<p><u>Non-excavation Works</u></p> <p>This woodland is partially within the Order Limits. It is less than 10 m from the 400 kV underground cable LoD, it is 15 m from the edge of the cable swathe and no impacts to the ancient woodland or the 15 m Root Protection Area (RPA) are anticipated.</p> <p><u>Excavation Works</u></p> <p>Drainage from a proposed permanent attenuation system would discharge into an existing drainage ditch located on the edge of the woodland. The outfall design comprises a small diameter buried pipe (less than 300 mm in diameter) and a modest outfall structure integrated into the bank of the ditch.</p>	Figure B.C.14 (Annex C of Appendix F)
F	Edney Woods	Newly identified woodland following Essex revision	<p><u>Excavation Works</u></p> <p>A 30 m section of temporary haul road would be located within the ancient woodland; this haul road would use the existing access track. Widening and resurfacing of the track may be required to accommodate construction traffic.</p> <p>A temporary sustainable drainage system (SuDS) would be 10 m south-east of the woodland.</p>	Figure B.C.15 (Annex C of Appendix F)
G	Unnamed woodland north-east of Bladen's Wood (hereafter called 'North-east of Bladen's Wood')	Newly identified woodland following Essex revision	<p><u>Non-Excavation Works</u></p> <p>The existing third-party 132 kV overhead line (UK Power Networks' PUB line), which currently crosses the ancient woodland at its narrowest point, will be temporarily realigned eastward to span the woodland's corner. Following this, the line will be decommissioned and replaced with a permanent overhead alignment situated approximately 15 m west of the original route before being</p>	Figure B.C.16 (Annex C of Appendix F)

Project Section	Ancient Woodland Name	Natural England Revision	Impact	Figure
			undergrounded further north. Habitat management of the trees beneath the newly proposed route will be required for electrical clearance.	
A				
B	Middle Wood (Offton)	Boundary change to ancient woodland following Suffolk revision	<p><u>Non-Excavation Works</u></p> <p>The ancient woodland boundary for Middle Wood (Offton) has moved 60 m westward. The ancient woodland is now adjacent to the works area to dismantle the existing 132 kV overhead line (PI Route) and approximately 29 m from tower PI35 which requires dismantling. The woodland is also 8 m east of the pulling location for the proposed location of 400 kV tower RG188. The woodland is over 100m from the designed location for the pylon.</p>	Figure B.C.17 (Annex C of Appendix F)
C	Wenham Grove	Newly identified woodland following Suffolk revision	<p><u>Non-Excavation Works</u></p> <p>Wenham Grove is approximately 12 m from the works area for a permanent access road leading to Wenham Grove CSE compound. The access road could lead to soil compaction and create a physical barrier which limits species movement and dispersal.</p>	Figure B.C.18 (Annex C of Appendix F)
D	Unnamed Woodland (north-west of Great Horkesley) (hereafter referred to as 'North-west of Great Horkesley')	Newly identified woodland following Essex revision	<p><u>Non-excavation Works</u></p> <p>Temporary attenuation drainage and outfall LoD is 10 m from the woodland boundary, with the drainage 20 m from the woodland boundary in the current Project design. The woodland is 10 m from the 400 kV underground cable LoD and 17 m from the edge of the cable swathe and so no impacts are anticipated.</p> <p><u>Excavation Works</u></p> <p>The working area for the cable bypass haul road is 10 m from the woodland at its closest point (6 m long section). Excavation works and soil storage may be required to facilitate the construction of the cable bypass haul road within the 10 to 15 m buffer from the woodland.</p>	Figure B.C.19 (Annex C of Appendix F)

Project Section	Ancient Woodland Name	Natural England Revision	Impact	Figure
E / F	Mann/ Parson's Woods	Boundary change to ancient woodland following Essex revision	The ancient woodland boundary for Mann/ Parson's Wood has changed, particularly on the eastern edge of the woodland which was previously adjacent to the Order Limits. The ancient woodland is now approximately 25 m from the Order Limits at its closest point. No direct impact / loss of woodland is expected; mitigation proposed to protect Parson's and Queen's Wood LWS adjacent to the Order Limits (commitment B20 within 7.2 Outline Code of Construction Practice (Revision C)).	The woodland location and revised extent are presented on Figure B.A.1: Ancient Woodland Locations (Within Study Area) (Revision B) (Annex A)

Table F.2 Enhancement of ancient woodland

Project Section	Ancient Woodland	Impact	Figure
C	Wenham Grove	This woodland is within the Order Limits and forms part of an Environmental Area designated for landscape enhancement and Biodiversity Net Gain (BNG). This will involve both habitat creation and ongoing habitat management. Enhancement of Wenham Grove will include supplementary planting of native trees and shrubs within the existing woodland and within the 0 to 15 m RPA surrounding Wenham Grove. Native hedgerows, scrubby edge habitats and individual native trees will be planted to enhance habitat connectivity.	Figure B.C.18 (Annex C of Appendix F)
D	Horkesley Plantation	The woodland forms part of an Environmental Area designated for landscape enhancement and Biodiversity Net Gain (BNG). This will involve both habitat creation and ongoing habitat management. Enhancement of Horkesley Plantation will include planting of native trees and shrubs within the existing woodland and within the 0 to 15 m RPA surrounding Horkesley Plantation. Native hedgerows, three new native woodland parcels with scrubby edge habitats, and individual native trees will be planted to enhance habitat connectivity.	Figure B.C.14 (Annex C of Appendix F)

1.17 Interactions with other projects

- 1.17.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

1.18 Mitigation Strategy

Overarching Principles of the Strategy

- 1.18.1 No change to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

Embedded/Standard Mitigation

- 1.18.2 The core principles of the Project's overarching mitigation strategy remain unchanged from the original DCO submission. In most cases, impacts to ancient woodland have been avoided through the application of embedded mitigation throughout the Project's iterative design and planning process.
- 1.18.3 The following mitigation measures have been included as commitments within **7.2 Outline Code of Construction Practice (Revision C)**, which have been developed in response to the changes to the AWI:
- B27: Commitment to micro-site the drainage outfall within Horkesley Plantation ancient woodland to minimise the loss of large trees and valuable woodland ground flora species, which makes use of an existing opening in the woodland.
 - B28: The working area for the underground cable haul road and drainage tunnel will be micro-sited to avoid the 15 m root protection area from the unnamed ancient woodland, referred to as North-west of Great Horkesley.
 - B29: Commitment to use the existing track in its existing state through Edney Woods ancient woodland, if practicable. Any required widening will be undertaken to the east, outside of the ancient woodland extent and will use no-dig construction methods.
 - B30: The extent of all works (including all excavation works) associated with the 132 kV PUB re-alignment, will be minimised as far as practicable within the unnamed ancient woodland referred to as North-east of Bladen's Wood.
 - B31: The working area for the temporary haul road will be micro-sited to avoid the 15 m root protection area where practicable from the edge of Lodgefield Row ancient woodland. Any required works within the 15m buffer will use no-dig construction methods.
 - B32: Commitment to remove / minimise impacts on Lodgefield Row ancient woodland through detailed design of the 400 kV overhead line, including only coppicing where absolutely necessary for electrical clearance.
 - B33: The working area for the PI-Route 132 kV mitigation works and pulling location for tower RG188, will be micro-sited to avoid the 15 m root protection area from Middle Wood (Offton) ancient woodland.

- B34: The working area for the permanent access road leading to Wenham Grove Cable Sealing End (CSE) compound will be micro-sited to avoid the 15 m root protection area for Wenham Grove ancient woodland.
- B35: The extent of all works associated with the 33 kV overhead line dismantling and undergrounding, will be minimised as far as practicable within Bushey Grove ancient woodland. Precise excavation methods will be used when excavating within the woodland and its 15 m buffer.

Additional Mitigation

- 1.18.4 Additional mitigation is mitigation that is bespoke, it relates to particular construction elements as detailed in Table 3.1 and is only applied to ancient woodland sites where there are direct impacts to either the woodland or land within 15 m that may negatively impact the woodland structure or RPA.
- 1.18.5 Table F.3 discusses each ancient woodland in turn and the standard and additional mitigation measures proposed in line with the above approach. The locations of these ancient woodlands are shown on Figure B.A.2: Ancient Woodlands Subject to Mitigation (Revision B) in Annex A of Appendix F.
- 1.18.6 Following the application of the mitigation outline below, there is expected to be an overall **negligible impact** on ancient woodland with **no significant residual effects**.
- 1.18.7 Table F.B.1 within Annex B details the other additional ancient woodlands that specifically need to be considered during detailed design but are not currently impacted by the Project.

Table F.3 Mitigation measures on affected ancient woodlands

Project Section	Ancient Woodland Name	Pathway to impact	Proposed Mitigation	Residual Impacts After Mitigation
B	Lodgefield Row	<p>Approximately 0.07 ha of upper canopy trees within the ancient woodland will be managed (topping or coppicing) to facilitate the 400 kV overhead line. No impact to ancient woodland ground flora, soil and understorey is expected. Excavation works and vegetation clearance (albeit minor) 12 m from the woodland to facilitate construction of a temporary haul road.</p>	<p>Supervision: All excavation works within 15 m of the woodland, and all management of trees will be supervised by the Arboricultural Clerks of Works (ArbCoW).</p> <p>Micro-siting: The works area for the temporary haul road will be reduced as far as practicable within 15 m of the woodland, using the adjacent arable fields for storage of heavy plant and machinery during haul road construction. No material stockpiling will be permitted within 15 m of the woodland. At detailed design the haul road will consider the presence of ancient woodland as a key constraint and will aim to move the haul road further east from its current alignment to outside the 15m buffer. The works area for the 400 kV overhead line will be reduced as far as practicable within the woodland.</p> <p>Working methods: The working area for the temporary haul road will be micro-sited to avoid the 15 m root protection area where practicable from the edge of Lodgefield Row ancient woodland. Any required works within the 15m buffer will use no-dig construction methods (commitment B31 within 7.2 Outline Code of Construction Practice (Revision C)). Impacts associated with the 400 kV overhead line will be minimised by only coppicing trees where absolutely necessary for electrical clearance (commitment B32 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Replacement planting: Whilst trees and shrubs beneath the overhead line would be expected to regenerate from coppiced stools, the Project will provide compensatory planting of native understorey shrub species if the extent of edge coppicing is deemed to increase risk of windthrow susceptibility for interior woodland trees. Deer protection will be added to all coppiced stools to ensure no failure in re-growth due to excessive browsing pressure.</p> <p>Demarcation: The Project will demarcate the edge of the woodland RPA to ensure no accidental encroachment during haul road construction. The edge of the 28 m working area for overhead line vegetation management will be demarcated to ensure no accidental encroachment further into the woodland.</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>Whilst there will management of upper canopy trees, the woodland is already degraded by existing game management practices. The trees themselves do not exhibit ancient and/ or veteran qualities, and rather the irreplaceable value lies in the woodland soils and seed bank which will remain protected. Replacement tree/shrub planting, if required, will be of biodiversity value to the woodland. Impacts associated with the temporary haul road are expected to be completely avoided through the application of mitigation.</p>
B	Bushey Grove	<p>Approximately 0.25 ha of Bushey Grove is within the Order Limits to facilitate the dismantling and subsequent undergrounding of c. 97 m of a third-party 33 kV overhead line. Underground cabling will require excavation (albeit minor) directly underneath the footprint of the current alignment. Excavation works will be required to remove the reinforced concrete foundation of existing towers to 1.2 m below ground level.</p>	<p>Supervision: All excavation works within 15 m of the woodland will be supervised by the Arboricultural Clerks of Works (ArbCoW).</p> <p>Micro-siting: Works areas will be located outside the woodland and where practicable outside the woodland RPA (commitment B35 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Working methods: Use of delicate or precise construction methods, such as an air place or air spade, when excavating within the woodland and its 15 m buffer.</p> <p>Soil Storage: Disturbed topsoil (with ancient woodland ground flora seed bank) will be stored separately to other soil piles, clearly demarcated with signage, and carefully reinstated within the woodland area disturbed by the works.</p> <p>Demarcation: The Project will demarcate around the edge of the construction work area to ensure no works encroach further into the woodland than is necessary.</p> <p>Replacement planting: No tree loss is likely as the woodland is managed around the existing overhead line. The woodland ground flora would be</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>All impact is temporary during the overhead line removal and underground cable installation processes. Trees previously managed to maintain electrical clearance will be allowed to re-generate naturally. The long-term impact of the underground cable is considered to be negligible as it is such a small cable/ area.</p>

Project Section	Ancient Woodland Name	Pathway to impact	Proposed Mitigation	Residual Impacts After Mitigation
			expected to establish naturally from the existing seed bank, and therefore no specific ground flora planting is proposed.	
B	Middle Wood (Offton)	Following an extension to the ancient woodland boundary, ancient woodland is now adjacent to the works area for third-party mitigation to dismantle an existing 132 kV overhead line (PI Route). The woodland is also 8 m east of the pulling location for the proposed location of 400 kV pylon RG188, and over 100 m from the proposed location for the pylon.	<p>Micro-siting: The works area for the PI-Route mitigation and pylon RG188 pulling location will consider the presence of ancient woodland as a key constraint, reducing the size of the works area within 15 m of the woodland as far as practicable (commitment B33 within 7.2 Outline Code of Construction Practice (Revision C)). No material stockpiling or storage of heavy plant and machinery will be permitted within 15 m of the woodland.</p> <p>Demarcation: The Project will demarcate around the edge of the construction work area to ensure no works encroach into the 15m RPA.</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>Impacts associated with the PI-Route works area and tower RG188 pulling location are expected to be completely avoided following the application of mitigation.</p>
C	Wenham Grove	The works area for a permanent access road leading to Wenham Grove CSE compound is located 12 m from the woodland. Supplementary tree planting for mitigation and BNG enhancement will require breaking ground within the woodland and within 15 m (albeit minor).	<p>Supervision: All works that break ground within 15 m of the woodland will be supervised by the Arboricultural Clerks of Works (ArbCoW).</p> <p>Micro-siting: The works area for the permanent access road will be reduced as far as practicable within 15m of the woodland (commitment B34 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Precise excavation methods: as the excavation which may be required to plant trees and hedges are minor, hand tools and only small machinery are proposed within the woodland and its RPA to protect root structures.</p> <p>Demarcation: The Project will demarcate around the edge of the construction work area to ensure no works encroach further into the woodland than is necessary.</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>Impacts associated with the installation of a permanent access track is expected to be completely avoided following the application of mitigation. Any long-term impacts associated with habitat fragmentation from the road are expected to be mitigated through the biodiversity enhancement of the wider landscape area. The enhancement of surrounding habitat will provide a long-term benefit to the woodland, increasing biodiversity within the surrounding landscape and habitat connectivity; it will serve a strategic ecological purpose and align with national biodiversity objectives.</p>
D	Horkesley Plantation	Drainage from a proposed permanent attenuation system would discharge into an existing drainage ditch located at the edge of Horkesley Plantation. identified, likely serving the adjacent arable field. The proposed works will require excavation, albeit minor, for outfall pipe installation. A 3 to 5 m works area requiring vegetation clearance is assumed as a worst-case scenario. Supplementary tree planting for mitigation and BNG enhancement will require breaking ground within the woodland and within 15 m.	<p>Supervision: All excavation works within 15 m of the woodland will be supervised by the Arboricultural Clerks of Works (ArbCoW).</p> <p>Working methods: Use of delicate or precise construction methods, such as an air spade, when excavating within the woodland's 15 m buffer.</p> <p>Micro-siting: The works area will be reduced as far as practicable within the woodland, using the adjacent arable fields instead of the woodland. The outfall location will be adjusted, as far as practicable, to minimise the loss of large trees and valuable ground flora. The works will make use of an existing opening in the woodland to avoid further encroachment into the woodland (commitment B27 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Precise excavation methods: as the excavation which may be required to plant trees and hedges, as well as install the outfall, are minor, only small machinery are proposed within the woodland and it's RPA to protect root structures.</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>The enhancement of surrounding habitat will provide a long-term benefit to the woodland, increasing biodiversity within the surrounding landscape and habitat connectivity; it will serve a strategic ecological purpose and alignment with national biodiversity objectives. The long-term impact of the drainage outfall is considered negligible as it is such a small pipe/ area and there are already existing outfall structures within the drainage ditch.</p>

Project Section	Ancient Woodland Name	Pathway to impact	Proposed Mitigation	Residual Impacts After Mitigation
			<p>Soil Storage: Disturbed topsoil (with ancient woodland ground flora seed bank) will be stored separately to other soil piles, clearly demarcated with signage, and carefully reinstated within the woodland area disturbed by the works.</p> <p>Demarcation: The Project will demarcate around the edge of the construction work area to ensure no works encroach further into the woodland than is necessary.</p> <p>Replacement planting: No tree loss is likely. The woodland ground flora would be expected to establish naturally from the existing seed bank, and therefore no specific ground flora planting is proposed.</p>	
D	North-west of Great Horkesley	<p>A 6 m long stretch of the haul road is 17 m from the woodland boundary in the current Project design. The 12 m swathe of vegetation removal associated with this haul road encroaches by 4 m into the woodland RPA.</p> <p>Temporary attenuation drainage and outfall LoD is 10 m from the woodland boundary, but the drainage is 20 m from the boundary in the current Project design. The 400 kV underground cable LoD is 10 m from the woodland boundary, and 70 m away in the current Project design.</p>	<p>Micro-siting: The 6 m length of haul road which is within the woodland RPA will be moved 4 m north to avoid breaking ground within 15 m of the woodland boundary, and the LoD for the SuDs will be restricted. No stockpiling of materials will be permitted within 15 m of the woodland. At detailed design the haul road, attenuation drainage and underground cable will consider the presence of ancient woodland as a key constraint (restriction in LoD) (commitment B28 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Demarcation: The Project will demarcate the edge of the woodland RPA to ensure no accidental encroachment.</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>Impacts associated with the haul road and outfall works areas are expected to be completely avoided following the application of mitigation.</p>
E/F	Mann / Parson's Wood	<p>Proposed works relating to existing 132 kV mitigation now fall outside the RPA of Mann / Parson's Wood ancient woodland, superseding the impacts described in 7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323].</p>	<p>Mitigation measure B17 within 7.2 Outline Code of Construction Practice (Revision C) would ensure no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.</p>	<p>None.</p>
F	Edney Woods	<p>A 30 m section of temporary haul road would be located within the ancient woodland; this haul road would use an existing access track. The access track is approximately 4 m in width at its narrowest point and widens into two 10 m bellmouth junctions to the north and south. It is formed of bare ground and overlaid with fine shingle / gravel (UKHab code: u1b).</p> <p>A temporary SuDS would be 10 m south-east of the woodland.</p>	<p>Supervision: All excavation works within 15 m of the woodland will be supervised by the ArbCoW. If pruning of the mature oak to the west of the access track is required, this will also be under ArbCoW supervision.</p> <p>Micro-siting: The works area will be reduced as far as practicable within the woodland, using the adjacent arable fields for storage of heavy plant and machinery during haul road construction. No material stockpiling will be permitted within 15 m of the woodland. At detailed design the haul road and associated SUDS will consider the presence of ancient woodland as a key constraint, and the locations of any SUDS will be moved to outside the 15 m woodland RPA.</p> <p>Working methods: The existing track through Edney Woods, if possible, would be used for the haul road. No dig construction methods will be used for any required widening of the haul road and will be undertaken to the east of the access track, which is not on the AWI and avoids loss of the large, mature oak</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>By using an existing track, this Project will seek to use non-excavation techniques to widen the track if necessary. If a small amount of tree removal is required, this will be undertaken to the west of the existing track which is not classified as ancient woodland and precise excavation methods will be used where possible to minimise impact to the woodland RPA.</p>

Project Section	Ancient Woodland Name	Pathway to impact	Proposed Mitigation	Residual Impacts After Mitigation
G	North-east of Bladen's Wood	<p>The existing third-party 132 kV overhead line (UK Power Networks' PUB line), which currently crosses the ancient woodland at its narrowest point, will be temporarily realigned eastward to span the woodland's corner. Following this, the line will be decommissioned and replaced with a permanent overhead alignment situated approximately 15 metres west of the original route. Trees underneath the new alignment will require ongoing management to ensure electrical clearance is maintained between the trees and line.</p>	<p>within Edney Wood's woodland edge (commitment B29 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Precise excavation methods: as the excavation which may be required to remove a small number of trees are minor, only small machinery are proposed within the woodland RPA to protect root structures. The long-term impact of underground cabling within the RPA is considered low as it is such a small cable/ area.</p> <p>Soil Storage: Disturbed topsoil (with ancient woodland ground flora seed bank) will be stored separately to other soil piles, clearly demarcated with signage, and carefully reinstated upon the removal of any temporary features to return the woodland ground flora seed bank.</p> <p>Demarcation: The Project will demarcate around the edge of the construction work area to ensure no works encroach further into the woodland than is necessary.</p> <p>Replacement planting: No tree loss is likely. The woodland ground flora would be expected to establish naturally from the existing seed bank, and therefore no specific ground flora planting is proposed.</p> <p>Supervision: All works within 15 m of the woodland will be supervised by the ArbCoW</p> <p>Micro-siting: Works areas will be located outside the woodland and where practicable outside the woodland RPA (commitment B30 within 7.2 Outline Code of Construction Practice (Revision C)).</p> <p>Working methods: The existing access route used for maintenance of the UK Power Networks' line will be used for the modification works. Any heavy plant / machinery will be restricted to only being within the woodland for as short a period as possible, such as only for the duration of use, and storage of plant and machinery overnight will be prohibited within the woodland and a 15 m buffer.</p> <p>Soil Storage: Disturbed topsoil (with ancient woodland ground flora seed stock) will be stored separately to other soil piles, clearly demarcated with signage, and carefully reinstated to return the woodland ground flora seed bank.</p> <p>Demarcation: The Project will demarcate around the edge of the construction work area to ensure no works encroach further into the woodland than is necessary.</p> <p>Replacement planting: It is anticipated that trees and shrubs that were beneath the overhead line would regenerate from the coppiced stools with measures implemented to protect from deer browsing. The trees and shrubs beneath the new alignment of the overhead line would be regularly coppiced in a similar manner to the existing line and no new planting should be required.</p>	<p>Following the application of mitigation, it is concluded that there would be an overall negligible impact with no significant residual effect on ancient woodland.</p> <p>The removal or undergrounding of existing infrastructure will result in a small positive effect allowing for regeneration of habitat. The modification and re-alignment of existing infrastructure at North-east of Bladen's Wood will result in no-net impact, as the portion of ancient woodland currently managed underneath the existing overhead line will be allowed to naturally regenerate.</p>

1.19 Conclusion (Ancient Woodland)

- 1.19.1 Updates to **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy (Revision B)** reflect the Project's ongoing commitment in avoiding and/or reducing the potential for significant, long-term environmental harm to ancient woodland sites post DCO submission.
- 1.19.2 Of the 32 ancient woodland sites either revised or newly identified following revisions to the AWI data in July (for Essex) and October (for Suffolk):
- 28 new ancient woodland areas within 200 m of the Order Limits, seven of which are located within the Order Limits
 - Six of which were previously defined by the Project as ancient woodland, following a review of their LWS descriptions
 - 22 woodlands had not been previously defined by the Project and required thorough assessment
 - Four woodlands (Middle Wood (Offton) (Section B), Mann/Parson's Wood (Section E/F), Lady Grove and Sparrowhawk Wood (Section F) had revisions to their ancient woodland boundaries.
 - This brought Lady Grove to within 15 m of the Order Limits, though it remains over 15 m from any proposed works.
 - Middle Wood (Offton) and Sparrowhawk Wood now sit adjacent to the Order Limits, with Middle Wood (Offton) within 15 m of proposed works.
 - Mann/Parson's Wood, ancient woodland is no longer within 15 m of proposed works
- 1.19.3 The updated impact assessment based on the revised AWI data conducted since submission of the DCO application found eight ancient woodlands which required additional mitigation to avoid or minimise potential impacts (five within the ancient woodlands themselves and three within the 15 m buffer). These were:
- **Within the ancient woodland:**
 - Lodgefield Row (Suffolk revision, Section B)
 - Bushey Grove (Suffolk revision, Section B)
 - Horkesley Plantation, though at the very edge (Essex Revision, Section D)
 - Edney Woods, though at the very edge (Essex Revision, Section F)
 - North-east of Bladen's Wood (Essex Revision, Section G)
 - **Within 15 m buffer:**
 - Middle Wood (Offton) (known ancient woodland but the ancient woodland boundary was changed in the Suffolk revision, Section B)
 - Wenham Grove (Suffolk revision, Section C)
 - North-west of Great Horkesley (Essex Revision, Section D)

Conclusion (All Ancient Woodlands)

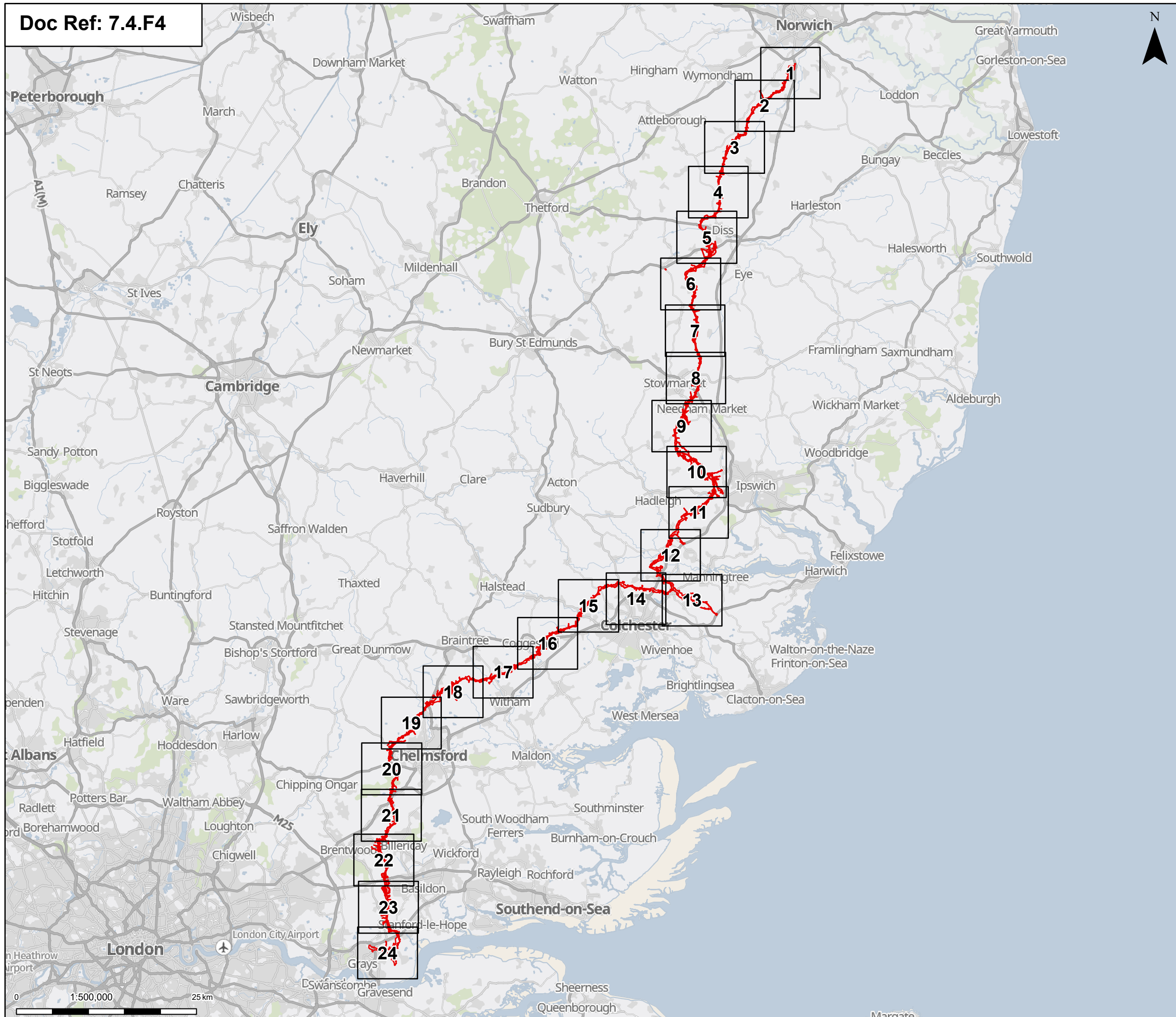
- 1.19.4 As a result of the AWI revision, there are 73 ancient woodlands within 200 m of the Order Limits, of which 33 are within 15 m of the Order Limits and 12 are within or partially within the Order Limits.
- 1.19.5 Potential impacts (excavation and non-excavation), in the absence of mitigation, were identified at 17 ancient woodland parcels (10 within ancient woodlands themselves and seven within the 15 m RPA).
- 1.19.6 As a result of the implementation of standard mitigation measures (B21-24, B28, B33 and B34) secured by **7.2 Outline Code of Construction Practice (Revision C)** impacts associated with the following seven ancient woodlands have been completely removed:
- Middle Wood (Offton) (Section B)
 - Miller's Wood (Section B)
 - Wenham Grove (Section C)
 - Stonefield Strip (Section D)
 - North-west of Great Horkesley (Section D)
 - Sheepcote's Wood (Section F)
 - Botneyhill Wood (Section G).
- 1.19.7 While impacts have been minimised where practicable, complete removal of impacts on ten ancient woodlands and/or the associated 15 m buffer, are unavoidable as proposed works relate to either:
- the removal, undergrounding or modification of existing third-party infrastructure (11 kV, 33 kV, 132 kV), with the existing assets already located within the associated woodland or root protection zone (Bushey Grove (Section B), Round Wood (Section B), Rivenhall Thicks (Section E), Writtle-Writtlepark Woods (Section F), North-east of Bladen's Wood (Section G), Little Bladen's Wood (Section G) and Clapgate Wood (Section G)
 - the use of an existing feature to be used by the Project, such as an existing drainage ditch or existing track (Horkesley Plantation (Section D) and Edney Woods (Section F)), or
 - the implementation and maintenance of sufficient electrical clearance associated with the 400 kV overhead line, the alignment of which is constrained by other ancient woodland to the east (Lodgefield Row (Section B)).
- 1.19.8 Horkesley Plantation (Section D), and an additional ancient woodland known as Wenham Grove (Section C), will also be subject to woodland enhancement measures associated with the landscape proposals at the relevant Environmental Area. This adjacent woodland planting is expected to deliver a long-term significant benefit to the woodlands at Wenham Grove (Section C) and Horkesley Plantation (Section D).
- 1.19.9 Mitigation measures associated with these sites have been proposed to minimise impact and ensure no significant long term residual effects on ancient woodland are encountered as a result of the Project (Commitments B25, B27, B29 and B30-B32 and B35 to be secured in the updated **7.2 Outline Code of Construction Practice (Revision C)**).

1.20 Veteran Trees

- 1.20.1 As noted previously an updated Ancient Tree Inventory (ATI) dataset was requested and received from the Woodland Trust on 24 March 2026, which included records of all veteran trees recorded publicly by the ATI within the UK. Following a review of this dataset, no additional veteran trees were identified within the Study Area.
- 1.20.2 There is no change to the remainder of **7.4 Outline Landscape and Ecological Management Plan Appendix B - Ancient Woodland and Veteran Tree Strategy [APP-323]**.

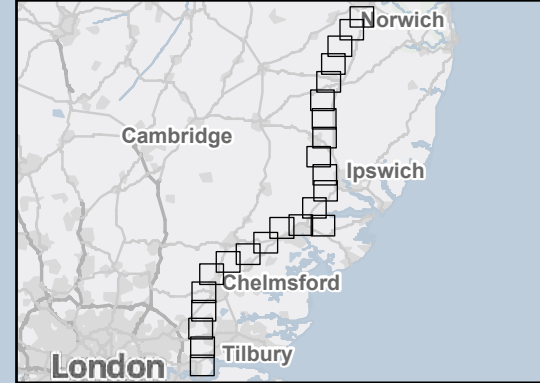
Annex A Figures

Figure B.A.1 Ancient Woodland Locations (Within Study Area) (Revision B)



Order limits
Page

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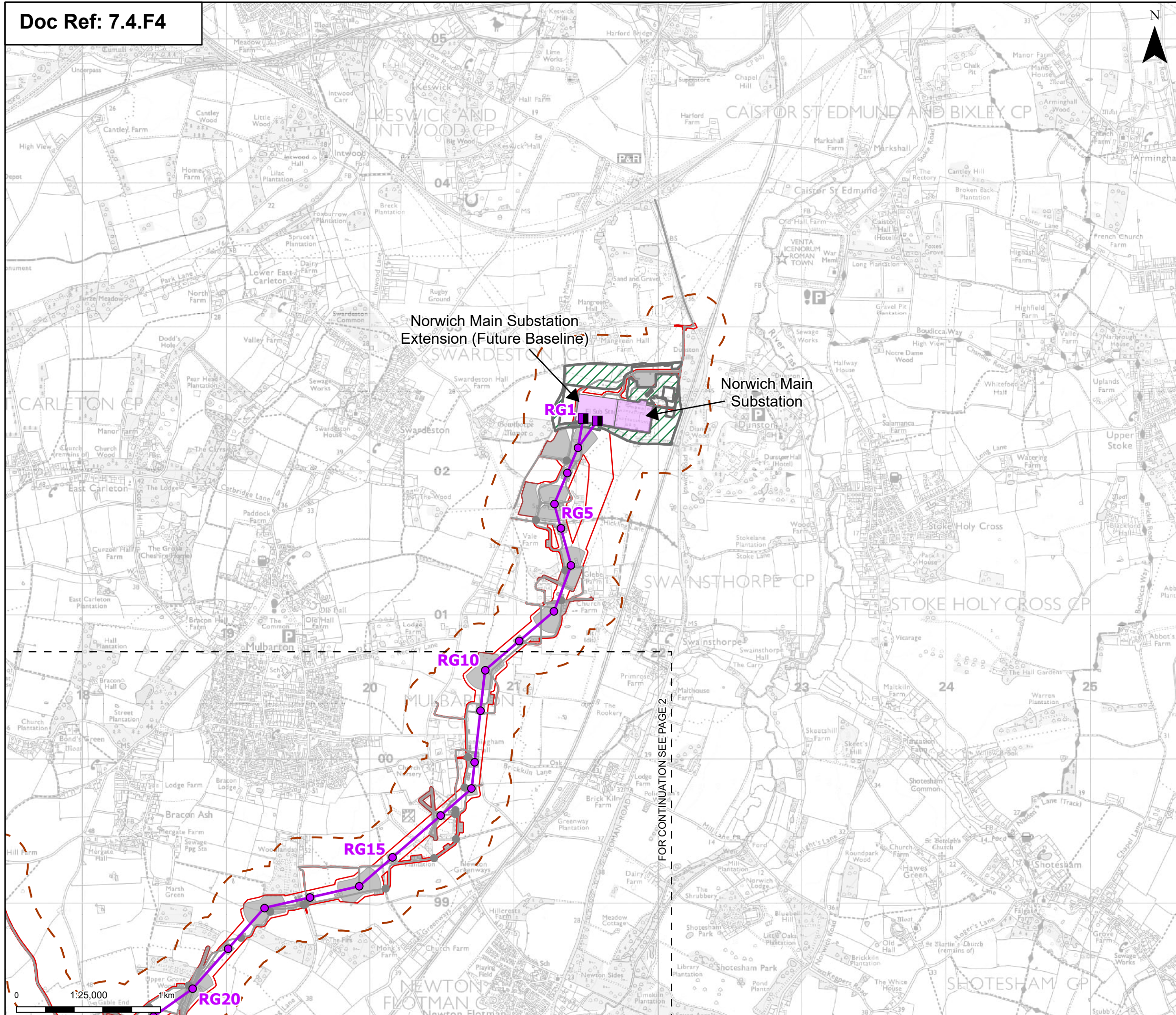
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Title:
Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area) Overview

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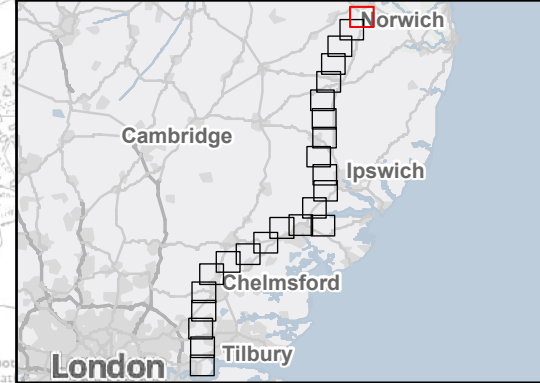
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- Sheet index outline
- Proposed project design details**
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Norwich Main Substation
- Norwich Main Substation Extension (future baseline)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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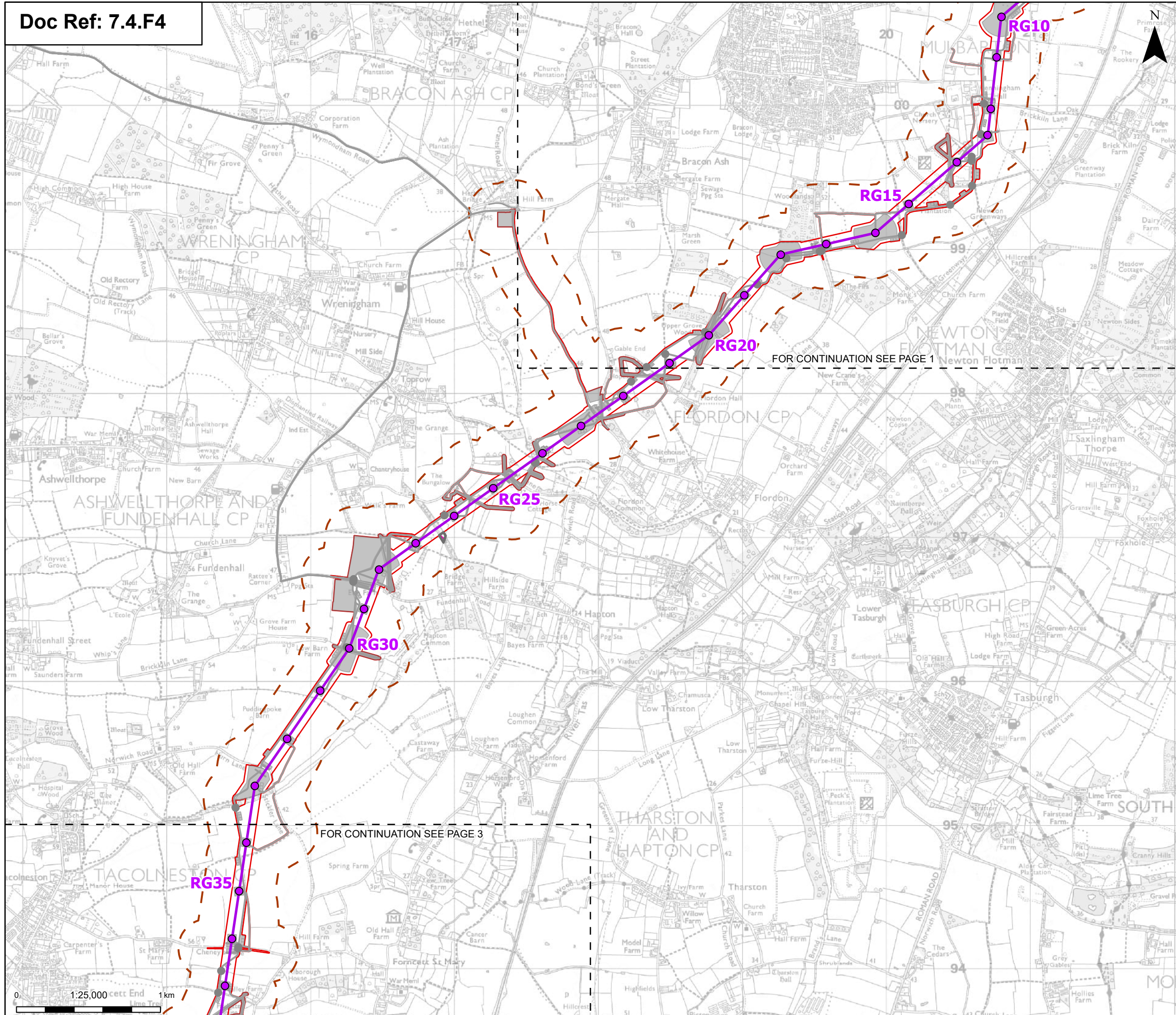
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- Order limits
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- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area

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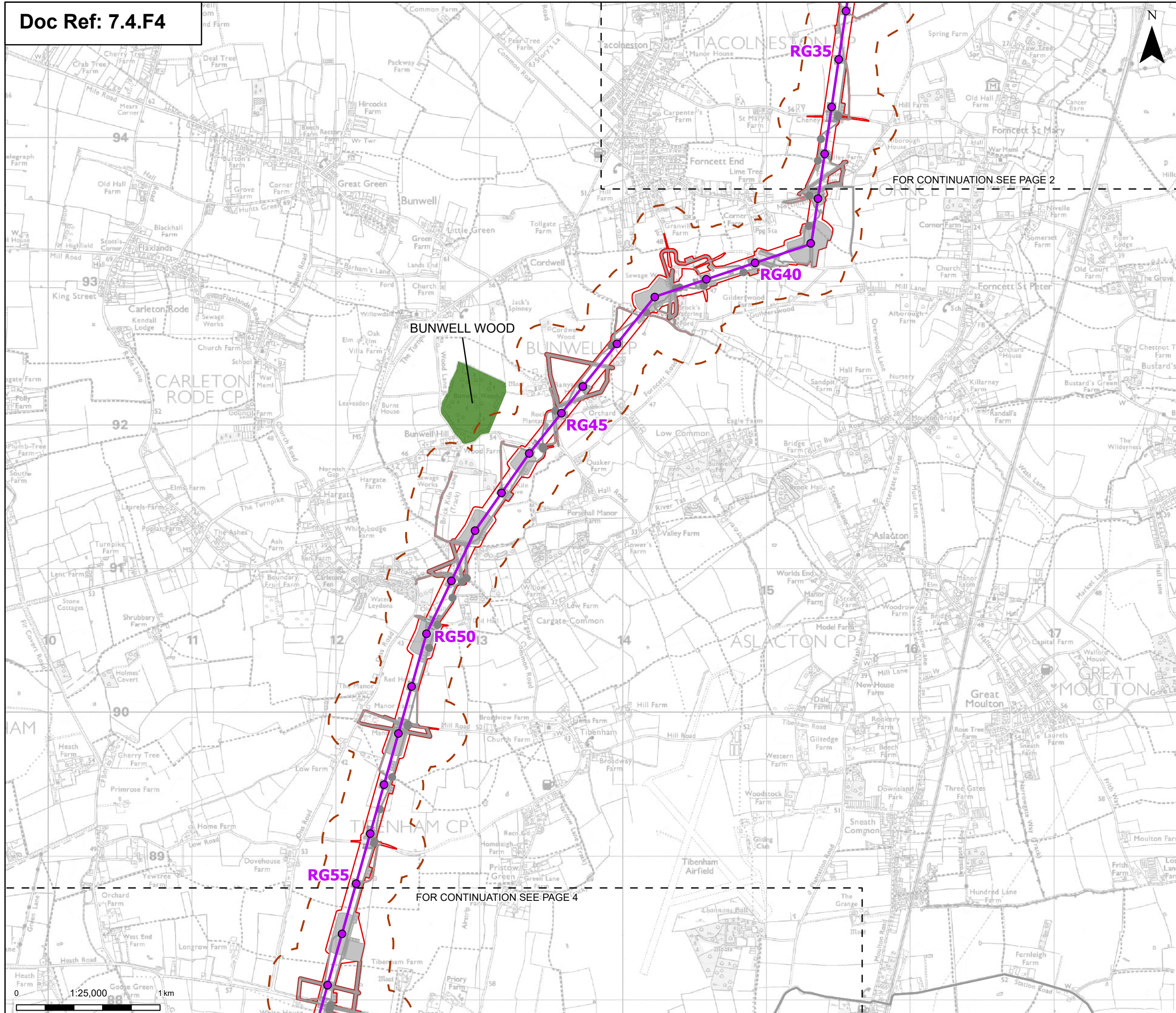
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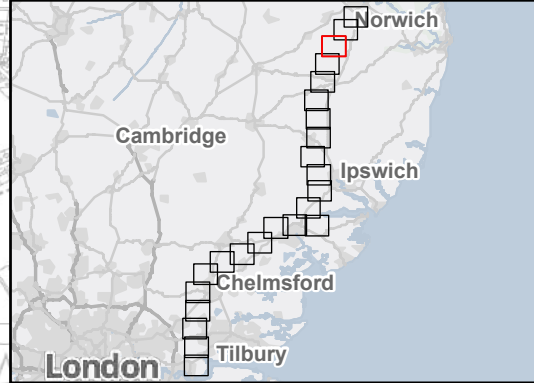
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 Sheet index cutline

Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Other temporary and permanent construction and operational works

Discipline specific constraints
 200 m Study Area
 Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)

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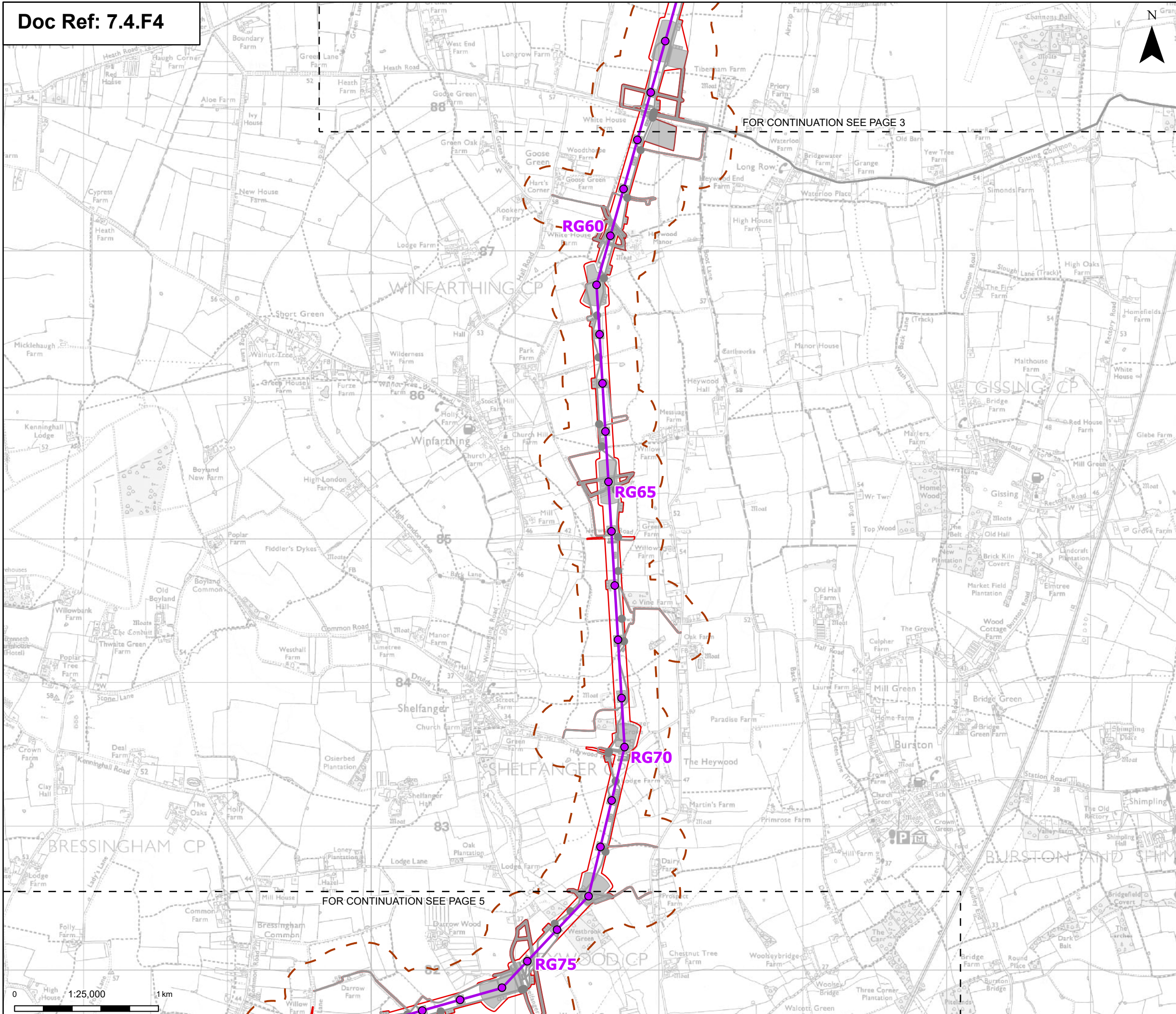
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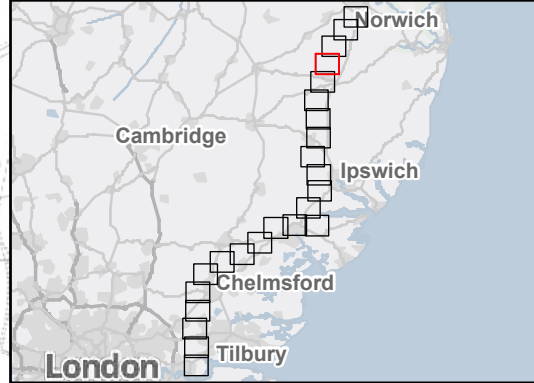
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- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area

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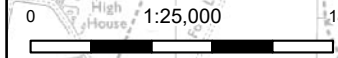
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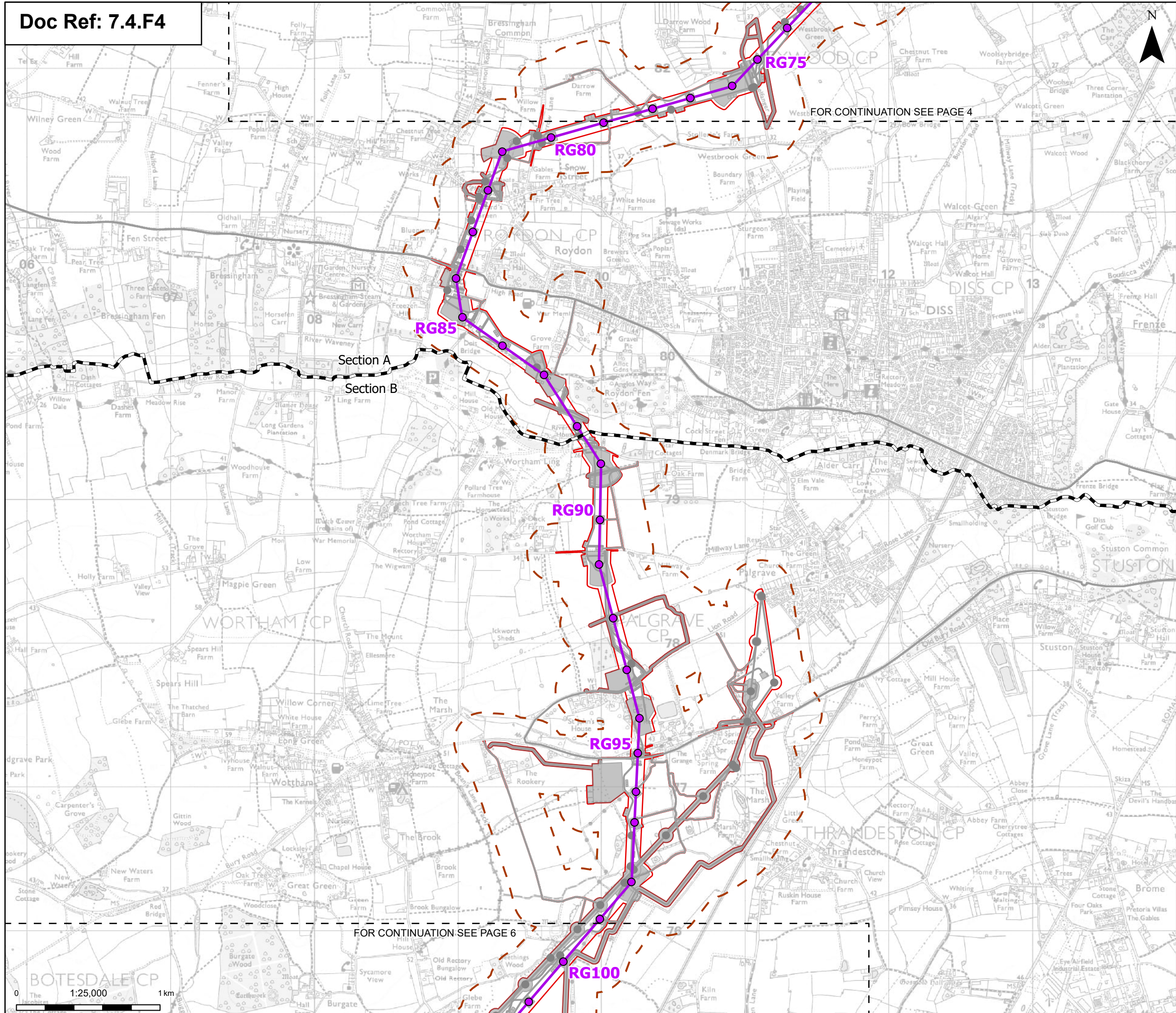
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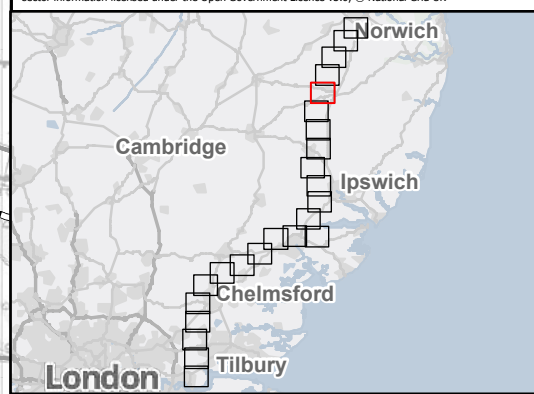
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

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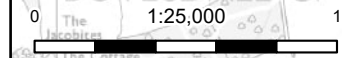
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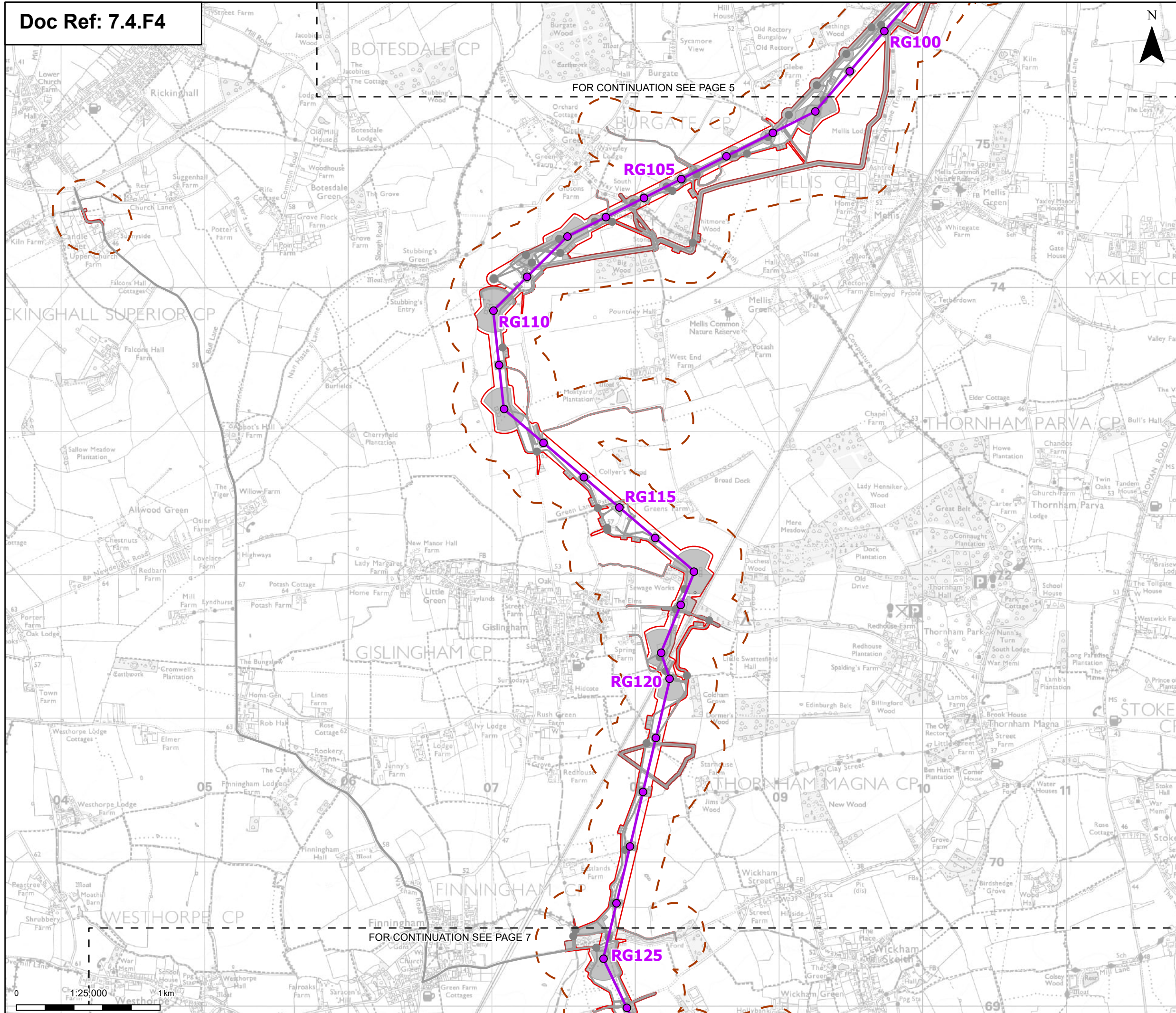
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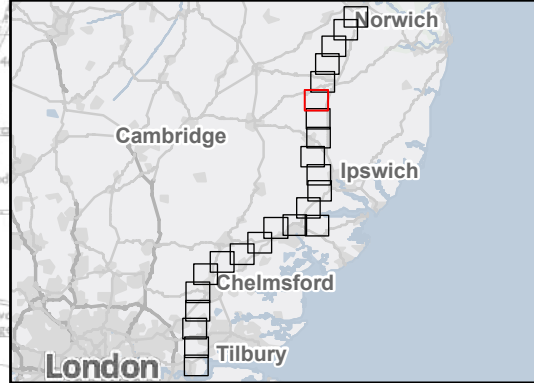
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area

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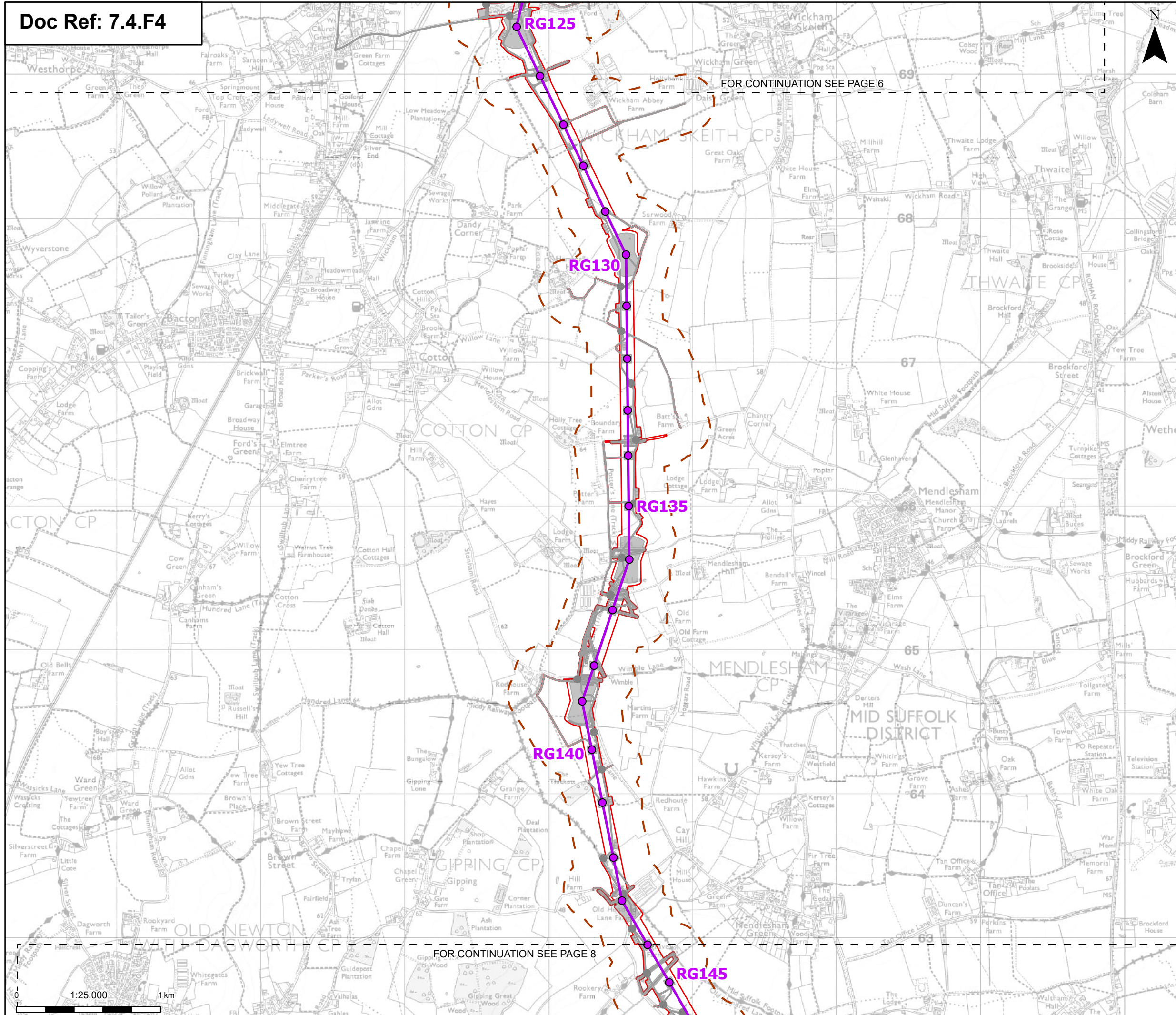
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FOR CONTINUATION SEE PAGE 8

- Order limits
- Sheet index outline
- Proposed project design details**
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

- Discipline specific constraints**
 - 200 m Study Area
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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 Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
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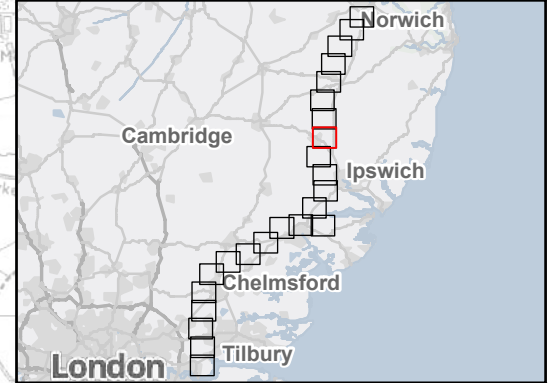
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FOR CONTINUATION SEE PAGE 9



- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 200 m Study Area
 - Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
 - Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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B	Mar 2026	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

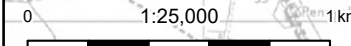
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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 8 of 24

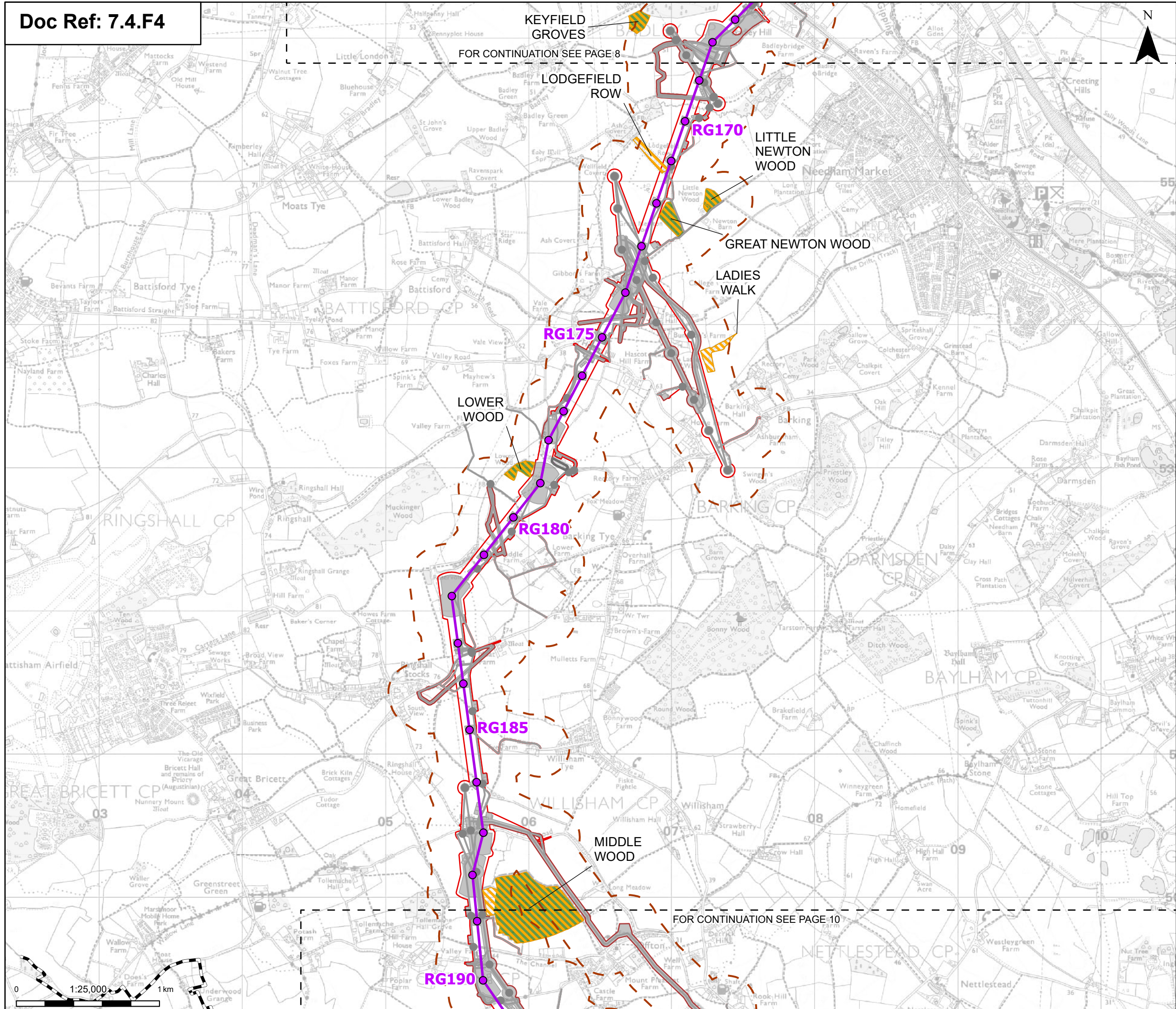
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Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00846

Revision:
B





Order limits
 Sheet index outline
 Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN20027
 Regulation 5(2)(a)&(I)(ii)

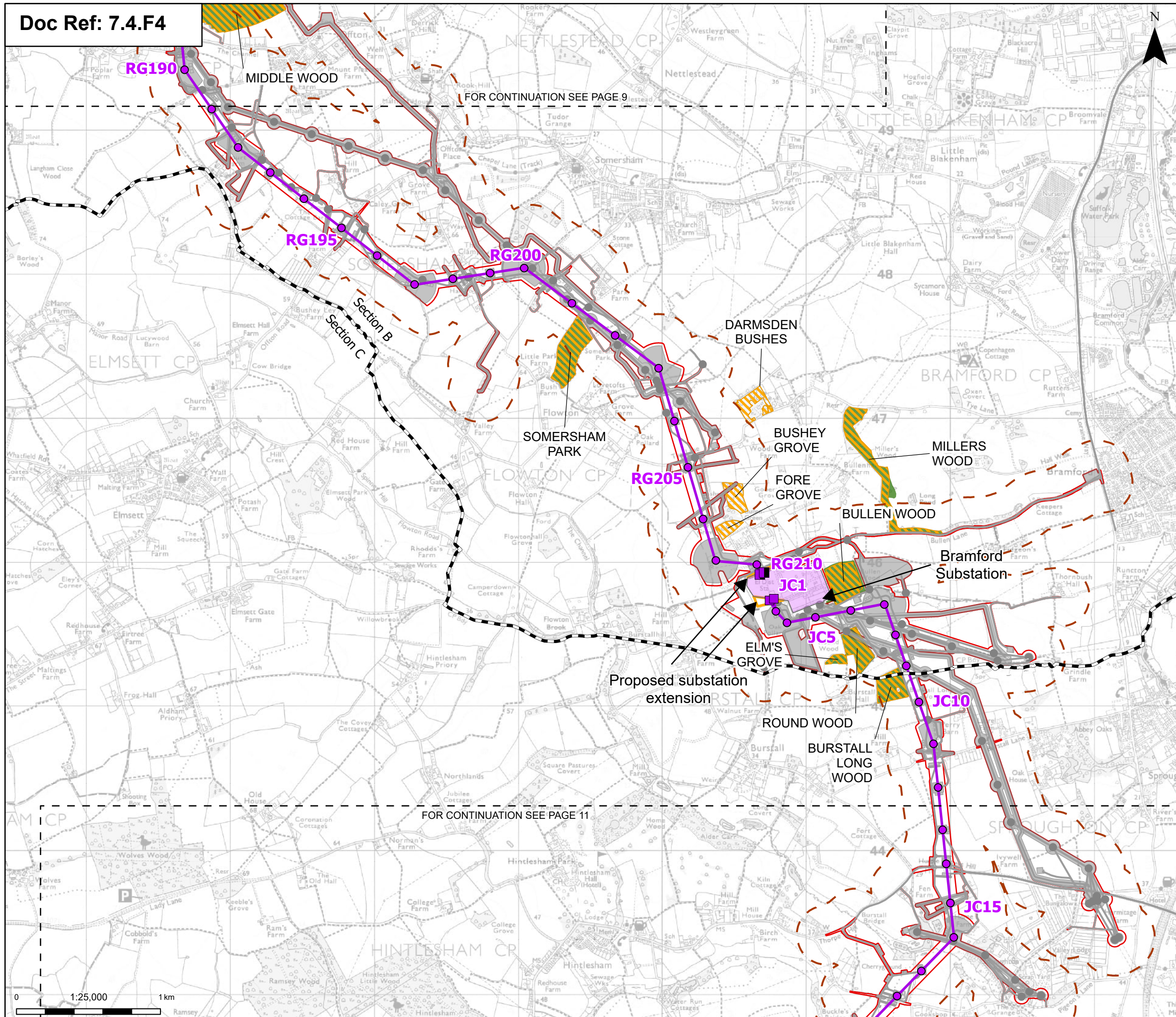
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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 9 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
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Suitability Description:
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Drawing Number:
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Revision:
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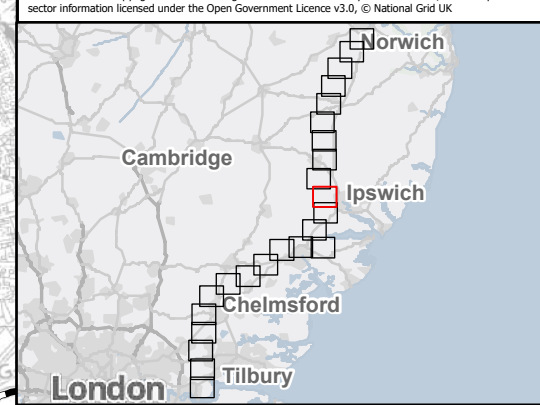
Order limits
 Sheet index outline
 Project section line

Proposed project design details
 Proposed full line tension gantry
 Proposed low duty gantry
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Bramford Substation
 Bramford Substation Extension
 Other temporary and permanent construction and operational works

Discipline specific constraints
 200 m Study Area
 Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
 Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

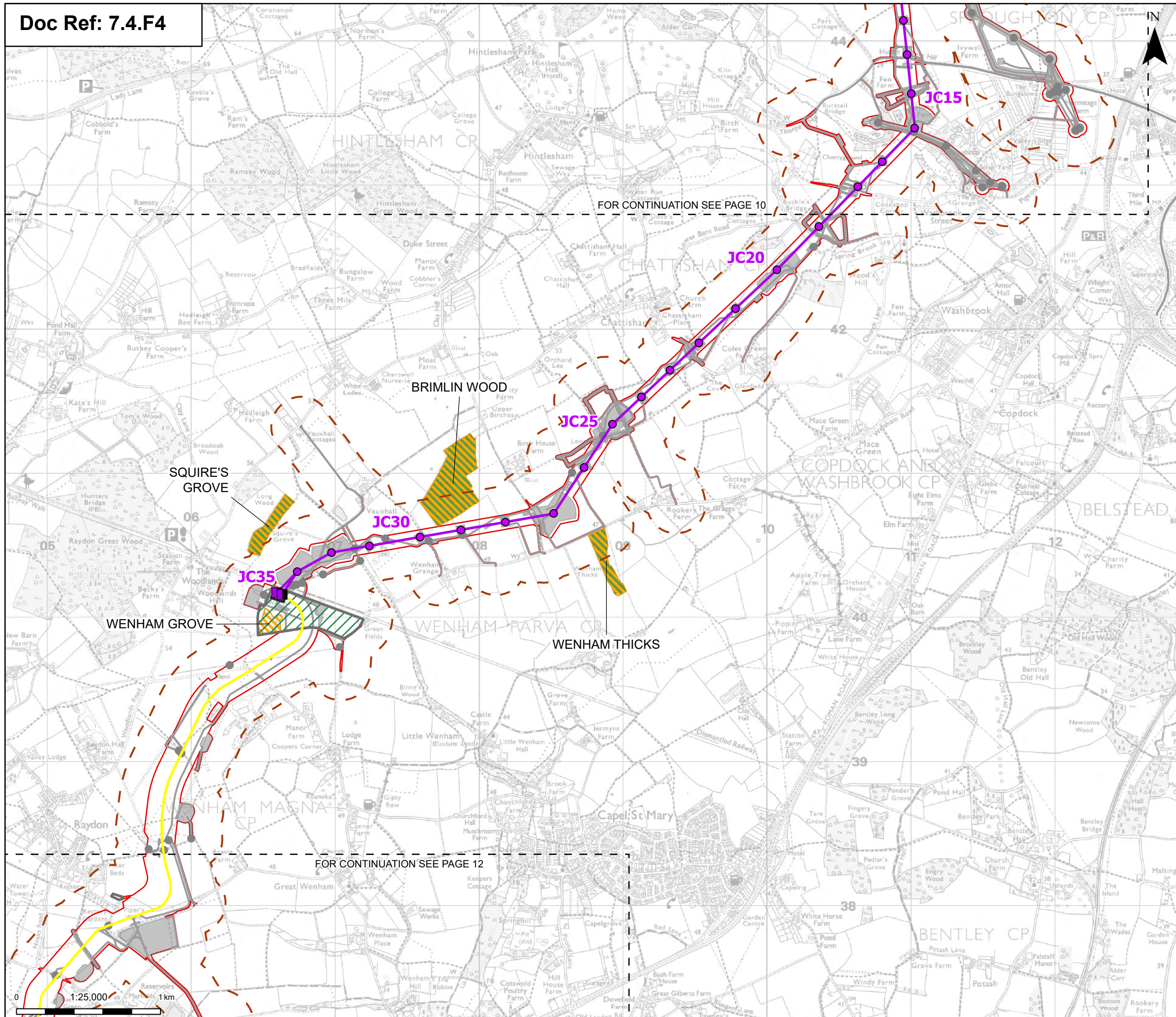
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 Page 10 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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Revision:
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Order limits
 Order limits

Sheet index outline
 Sheet index outline

Proposed project design details

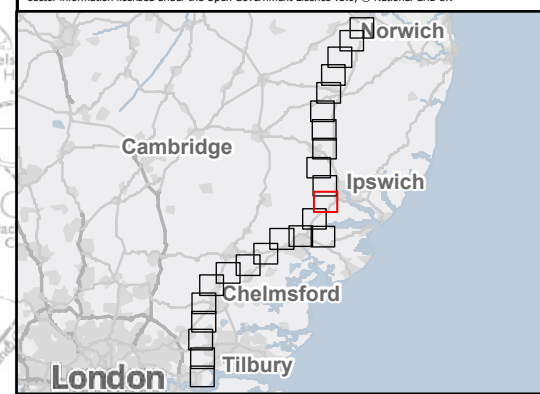
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end (CSE) compound
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
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Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

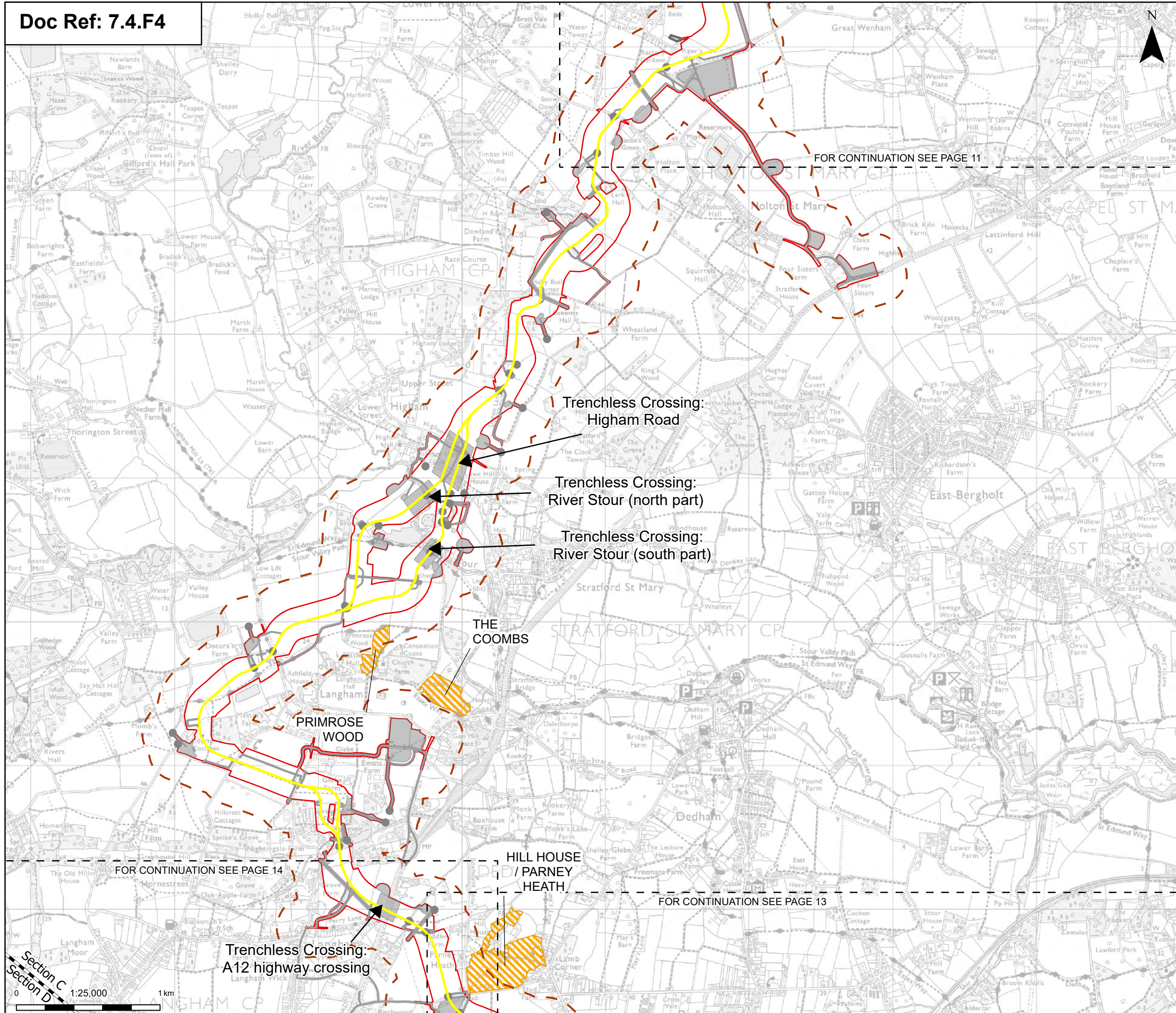
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 Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 11 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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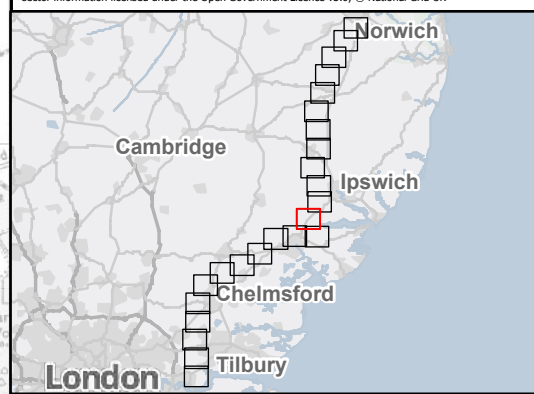
Revision:
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- Order limits
- Sheet index outline
- Project section line
- Proposed project design details**
- Proposed underground cable alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 200 m Study Area
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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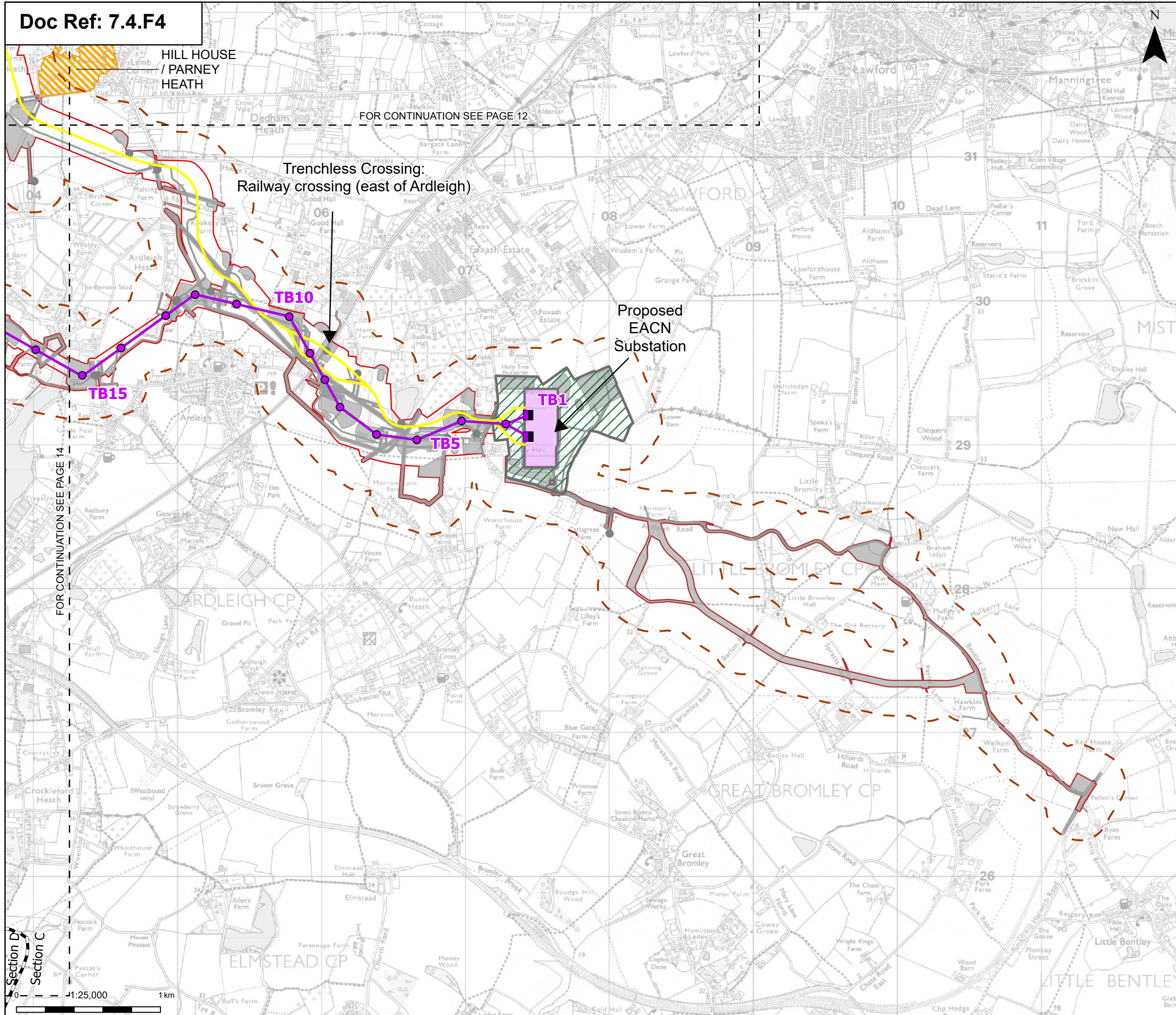
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 Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 12 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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Revision:
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Order limits
 Sheet index outline
 Project section line

Proposed project design details

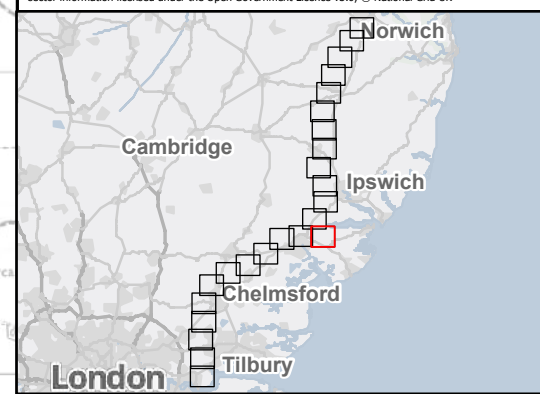
- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed DNO Substation
- Proposed East Anglia Connection Node (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Planning Inspectorate App Number: EN020027
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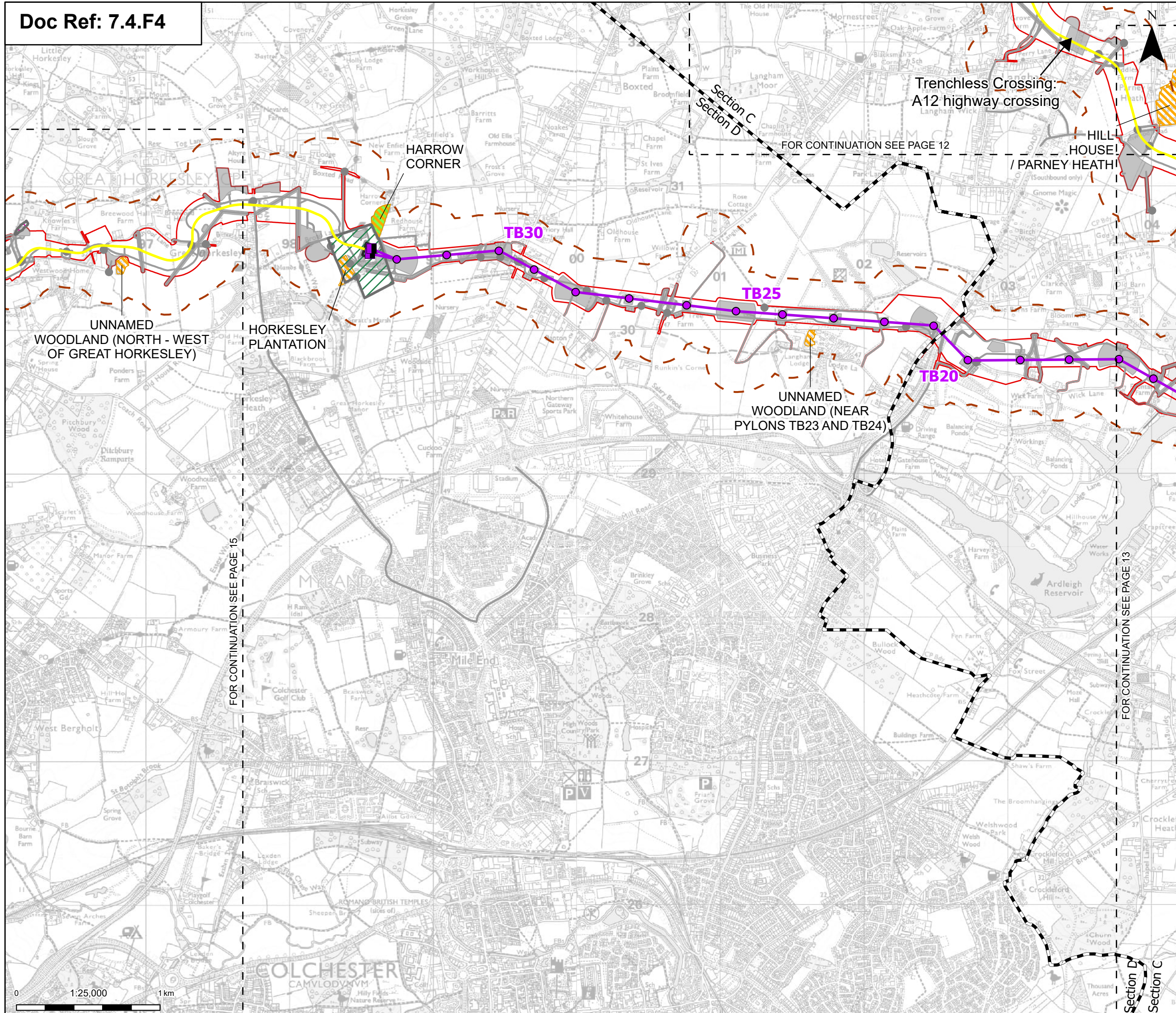
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 Page 13 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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Revision:
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Order limits

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

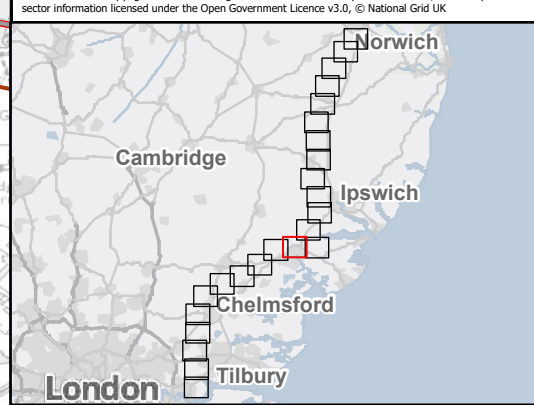
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end (CSE) compound
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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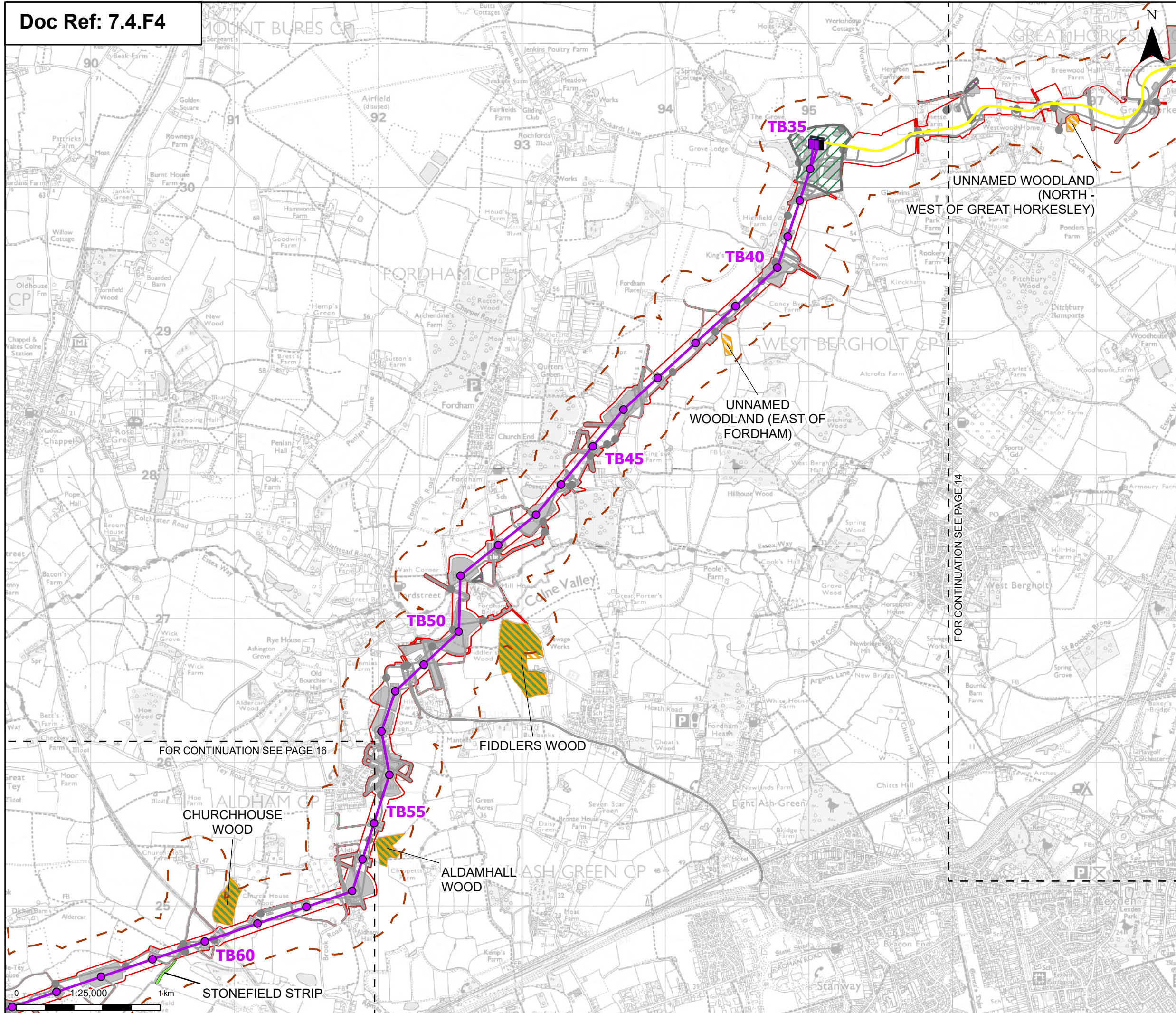
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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 14 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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Drawing Number:
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Revision:
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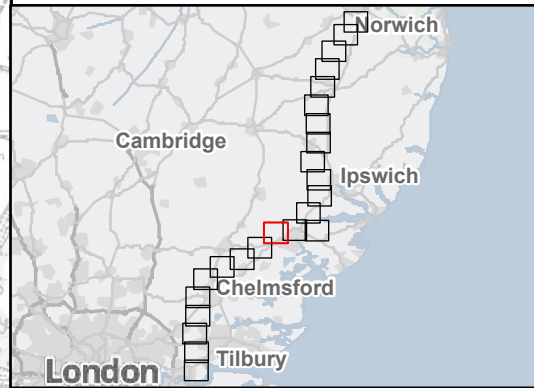


- Order limits
- Sheet index outline
- Proposed project design details**
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed cable sealing end (CSE) compound
 - Environmental area
 - Environmental mitigation
 - Other temporary and permanent construction and operational works

- Discipline specific constraints**
 - 200 m Study Area
 - Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
 - Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
 - Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

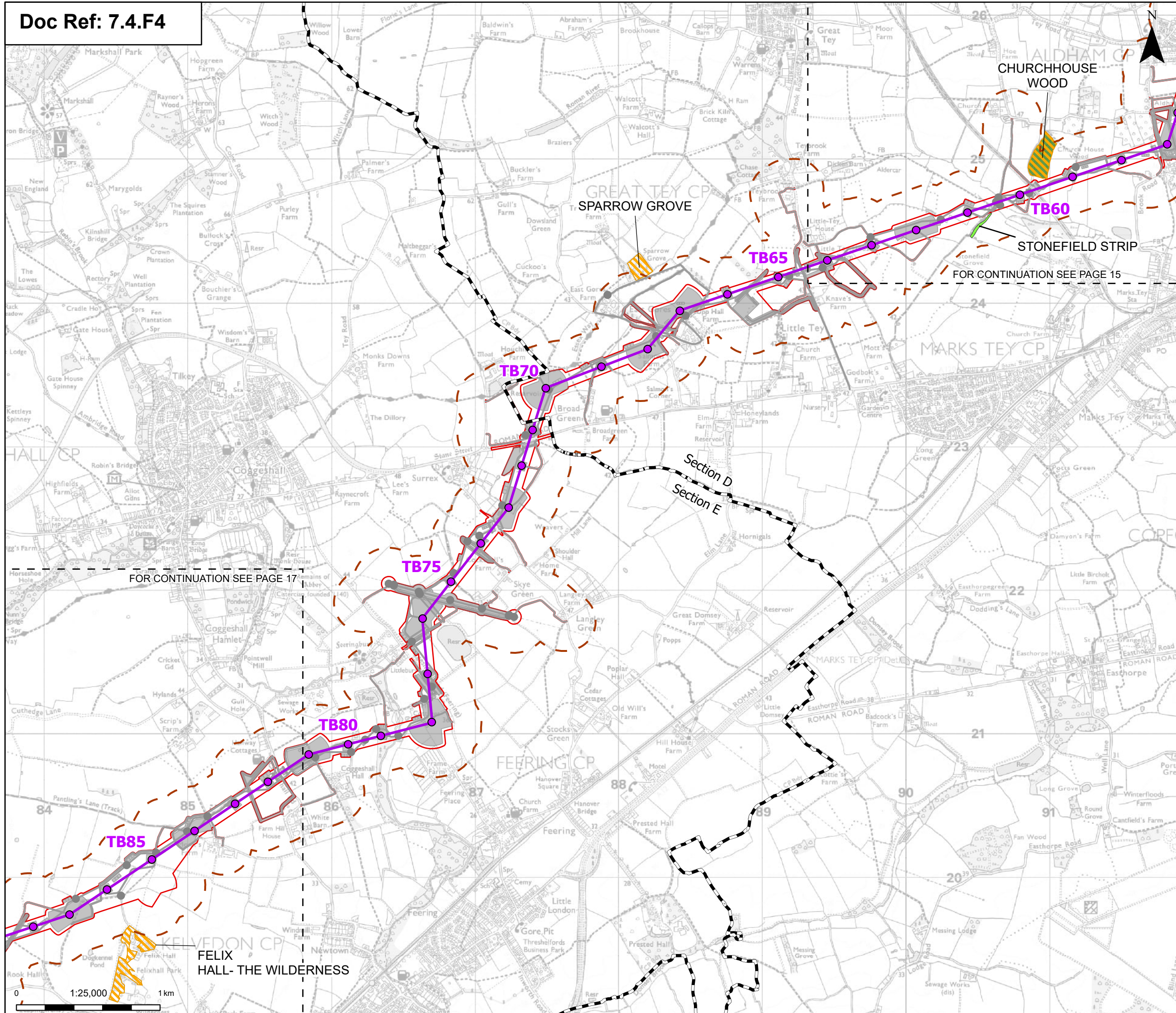
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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 15 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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Revision:
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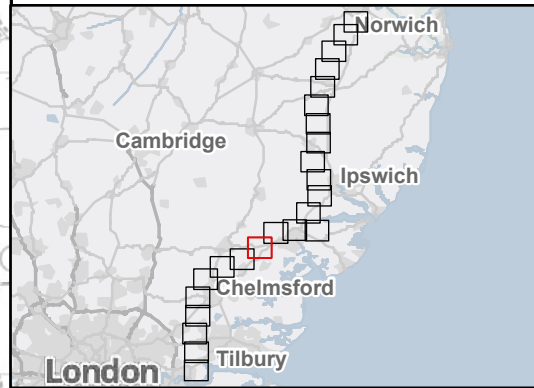
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Proposed project design details
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Environmental mitigation
 Other temporary and permanent construction and operational works

Discipline specific constraints
 200 m Study Area
 Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
 Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
 Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

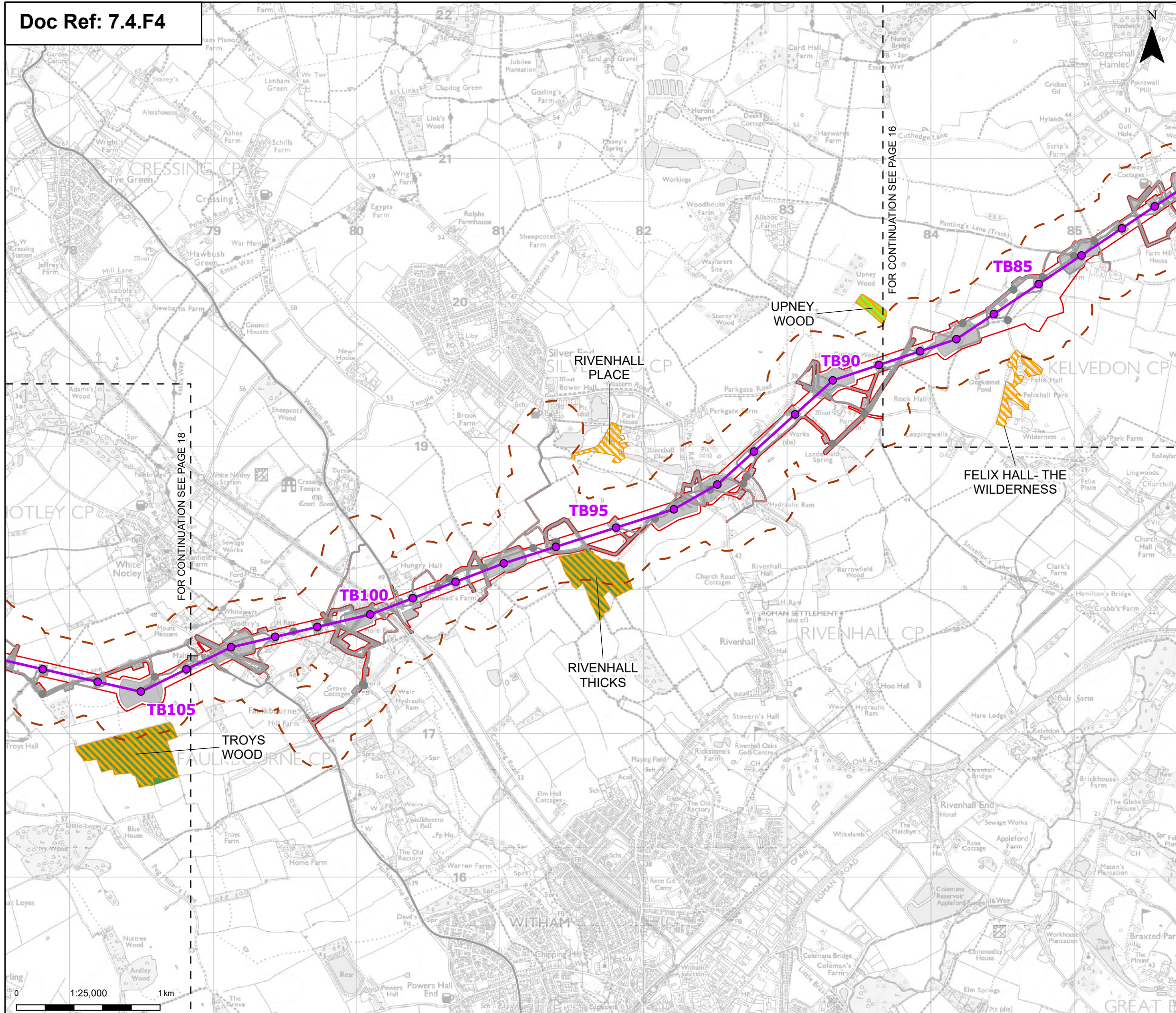
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 Regulation 5(2)(a)&(I)(ii)

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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 16 of 24

Designed	A. Pinkney	Date	March 26
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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00846
 Revision:
 B



Order limits
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Sheet index outline
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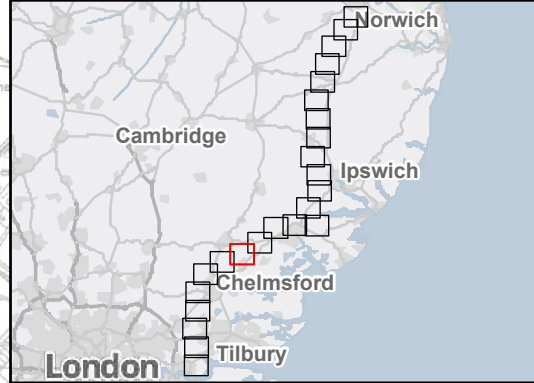
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- [Grey area symbol] Other temporary and permanent construction and operational works

Discipline specific constraints

- [Dashed orange line symbol] 200 m Study Area
- [Green area symbol] Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- [Light green area symbol] Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- [Yellow and black hatched area symbol] Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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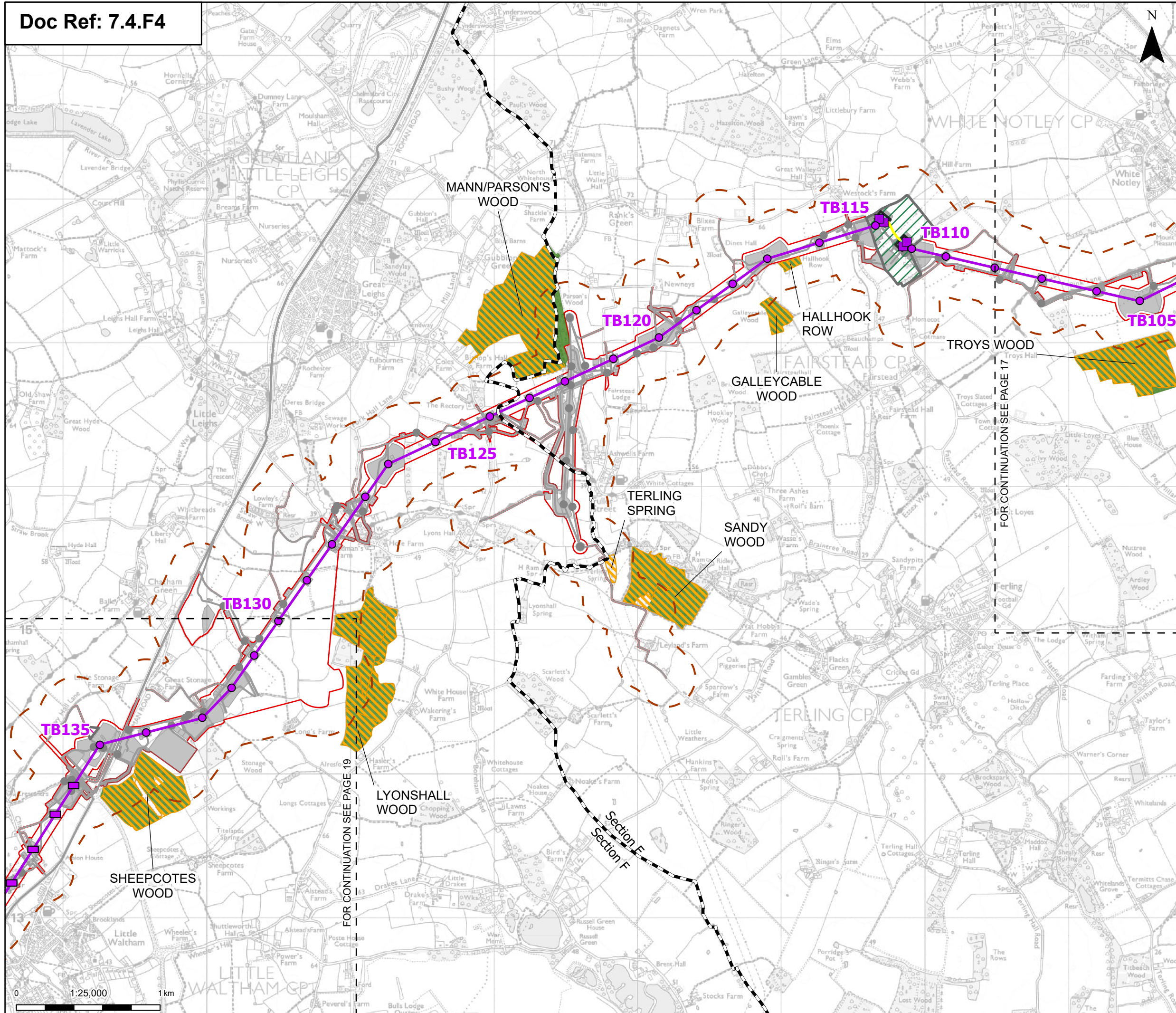
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 Page 17 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number:
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Revision:
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Order limits

- Order limits
- Sheet index outline
- Project section line

Proposed project design details

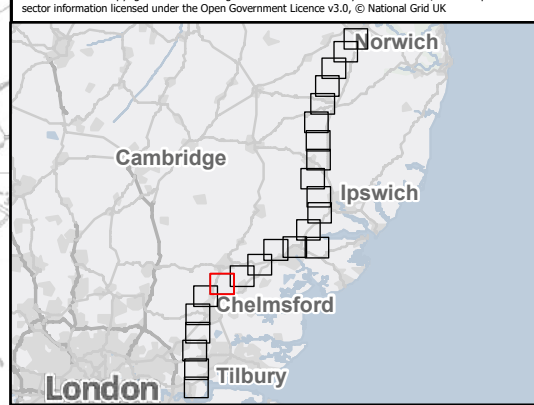
- Proposed low duty gantry
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end (CSE) compound
- Environmental area
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- Other temporary and permanent construction and operational works

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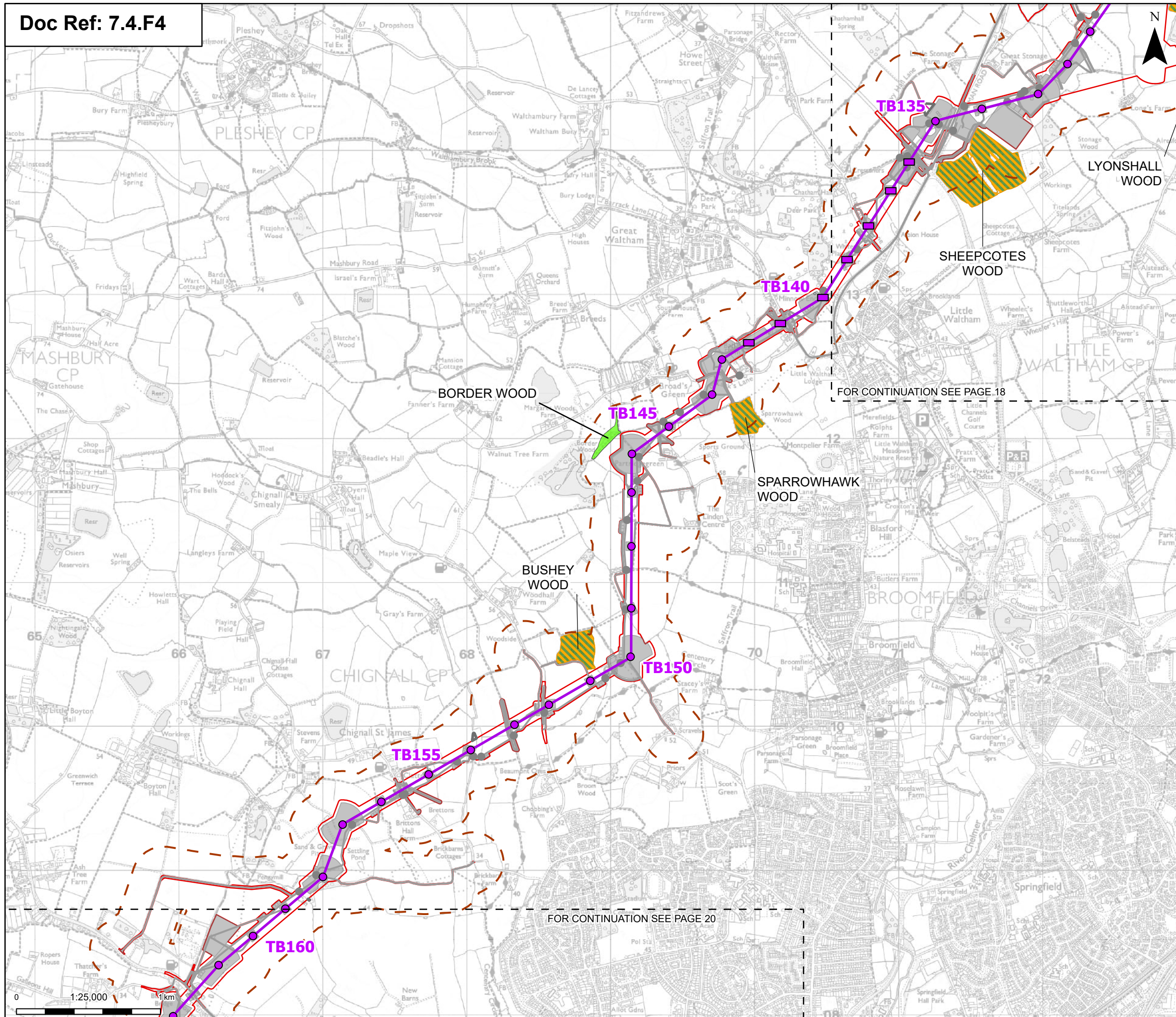
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 Page 18 of 24

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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Order limits
 Sheet index outline

Proposed project design details

- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
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Discipline specific constraints

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- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
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Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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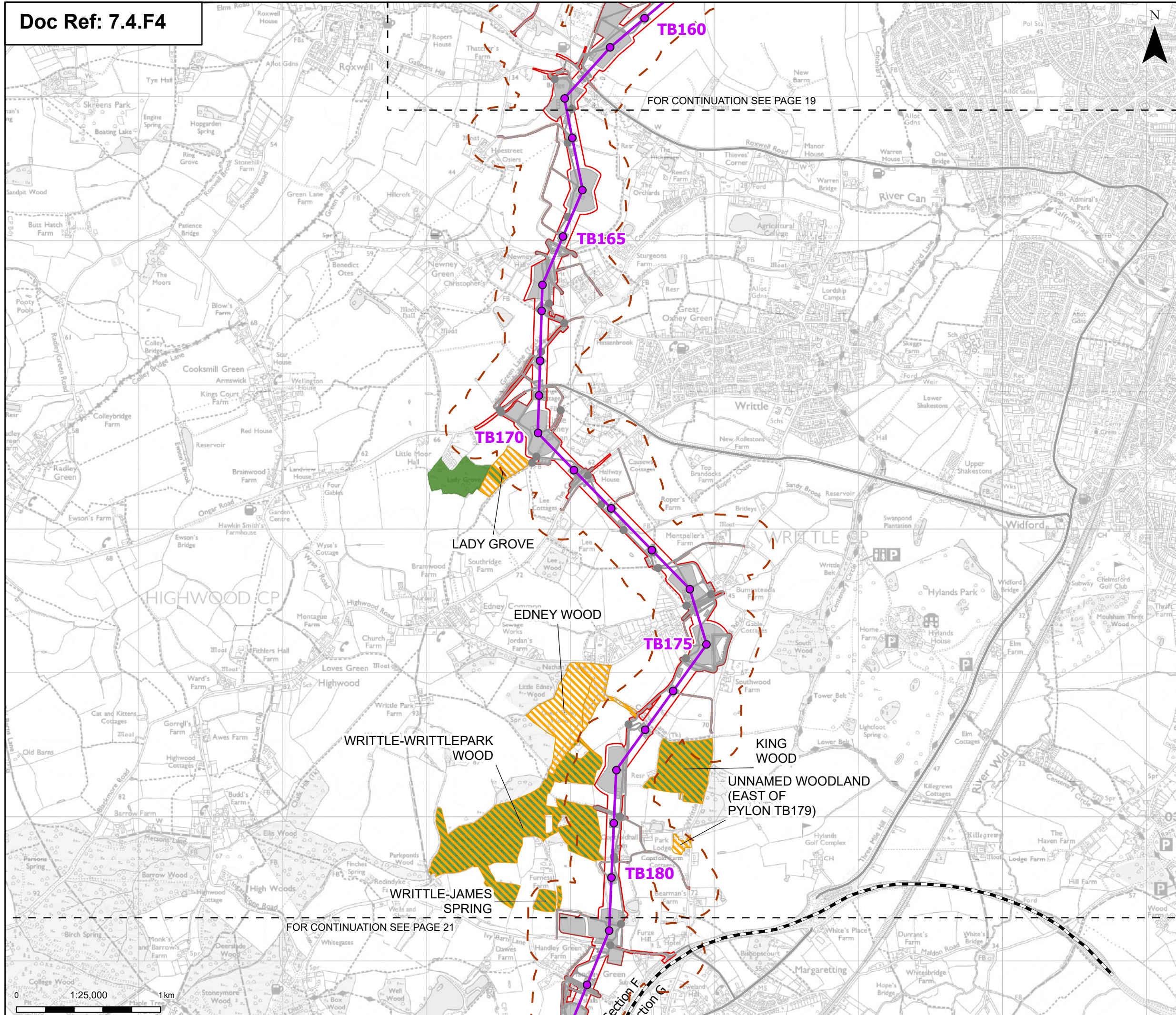
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Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
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Order limits
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Discipline specific constraints
 200 m Study Area
 Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
 Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB
Rev	Date	Description	Drawn	Check	Approv

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

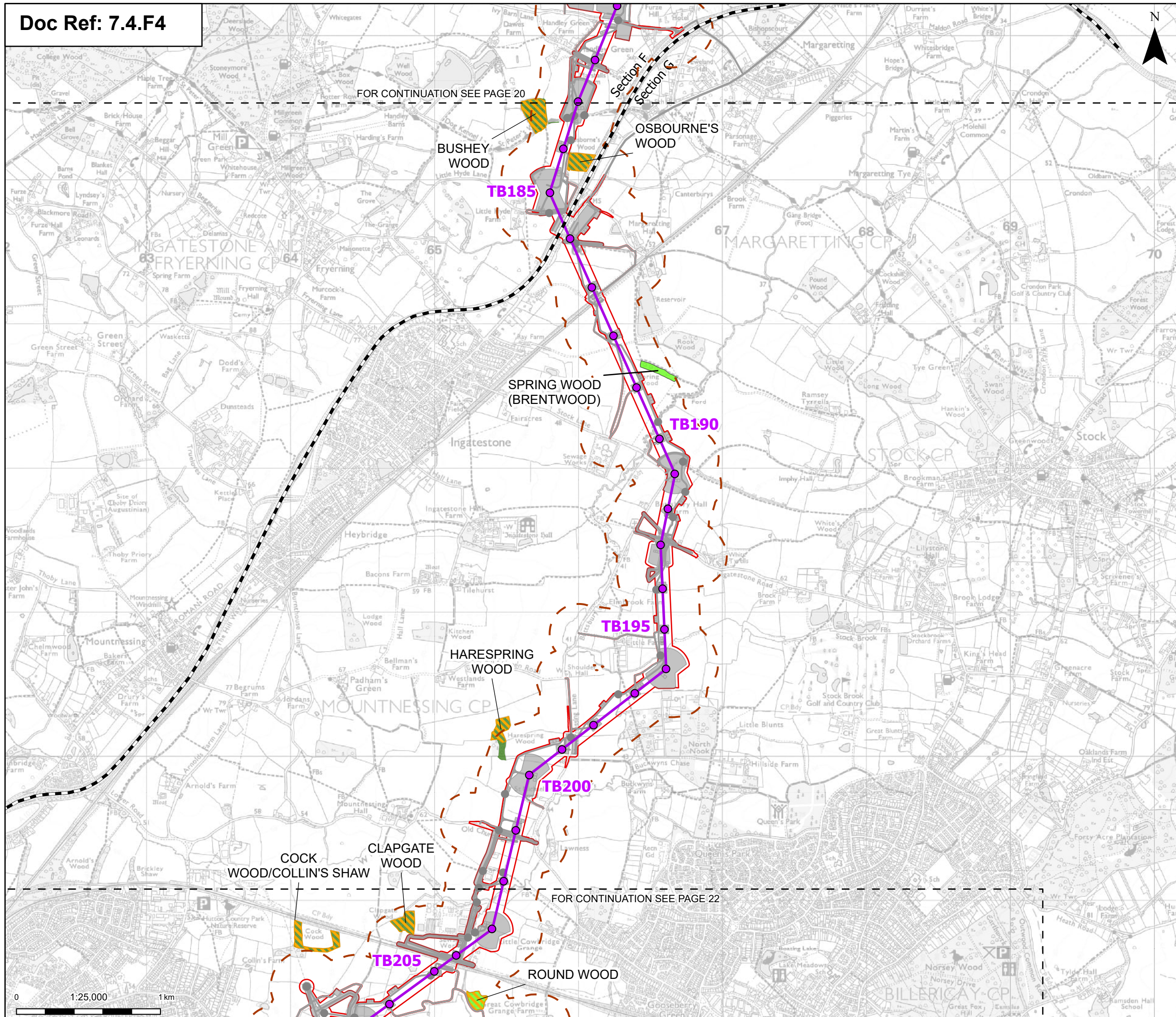
Title:
Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 20 of 24

Designed	A. Pinkney	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00846

Revision:
 B



Order limits

- Sheet index outline
- Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT: **Norwich to Tilbury**

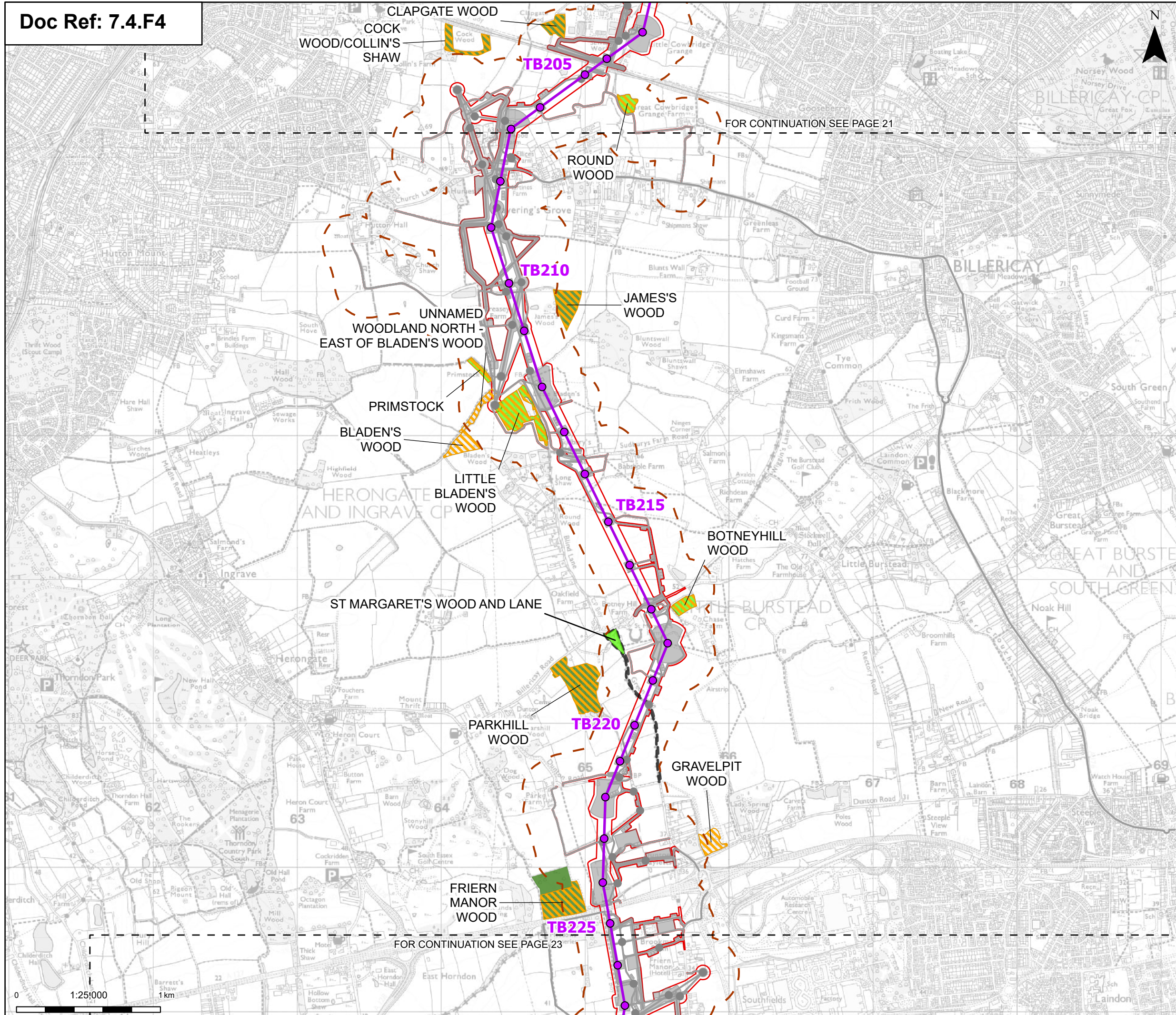
Planning Inspectorate App Number: EN20027
Regulation 5(2)(a)&(I)(ii)

Title: **Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)**
Page 21 of 24

Designed	A. Pinkney	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Accepted as Concept Stage

Drawing Number: **10059280-ARC-EBD-ZZ-DR-ZZ-00846** Revision: **B**



Order limits
 Order limits

Sheet index outline
 Sheet index outline

Proposed project design details

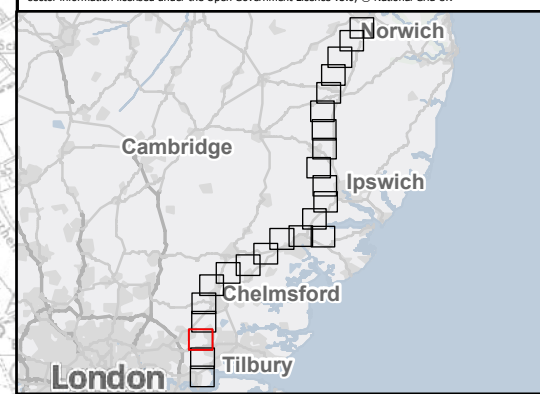
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 200 m Study Area
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)
- St Margaret's Wood and Lane LWS extent

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

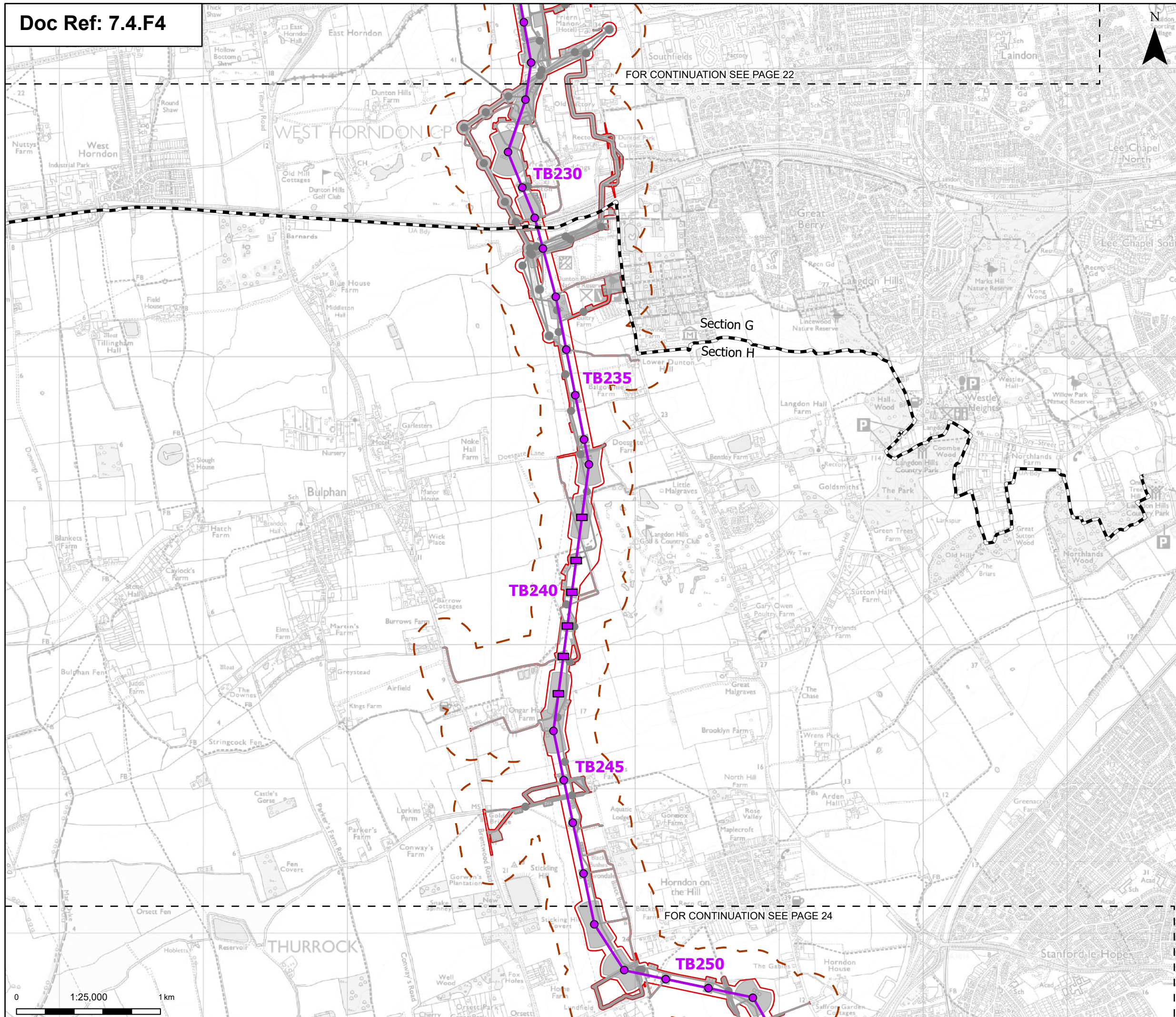
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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 22 of 24

Designed	A. Pinkney	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00846

Revision:
B



FOR CONTINUATION SEE PAGE 22

FOR CONTINUATION SEE PAGE 24



- Order limits
- Sheet index cutline
- Project section line
- Proposed project design details**
- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 200 m Study Area

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

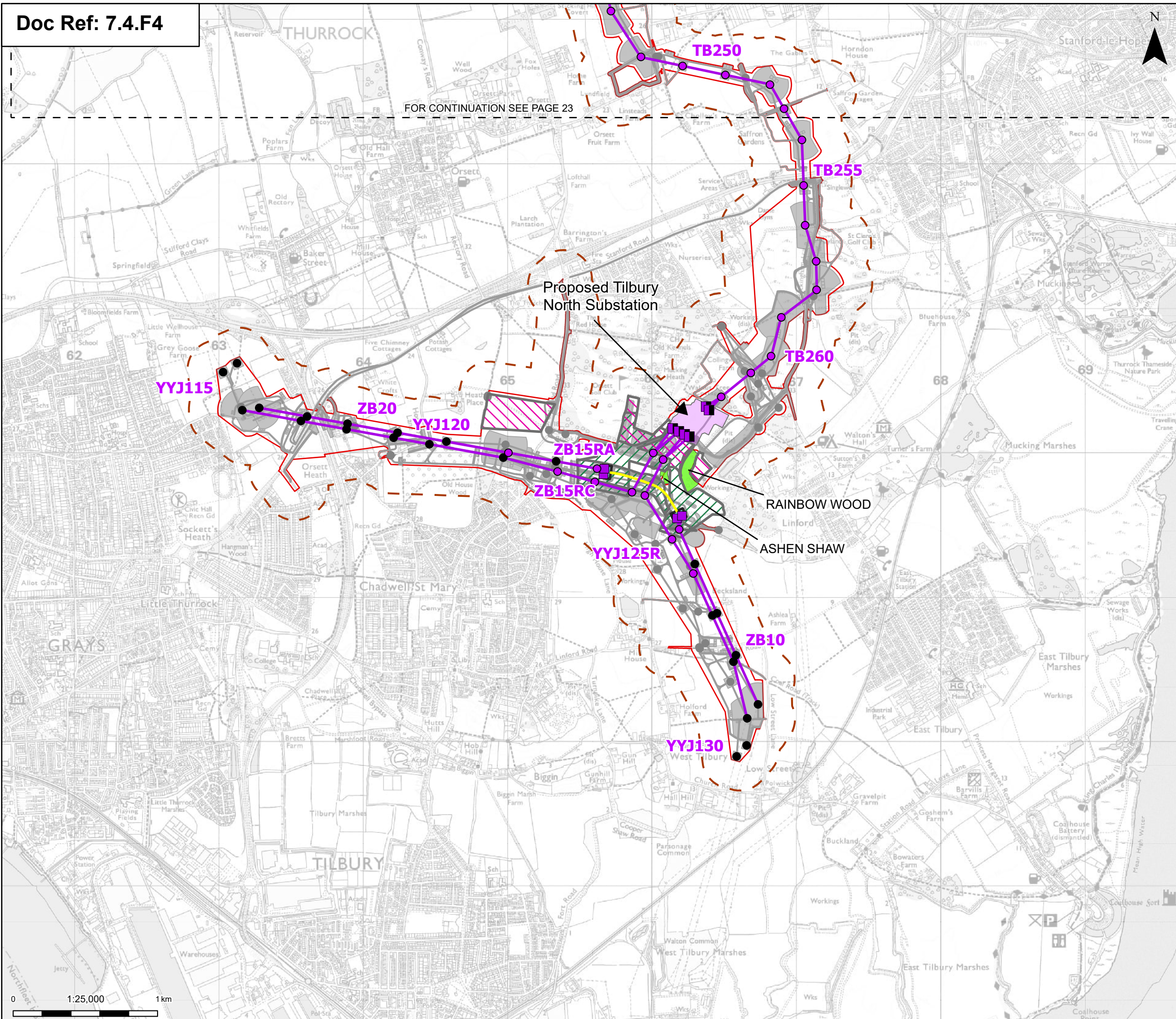
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Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 23 of 24

Designed	A. Pinkney	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

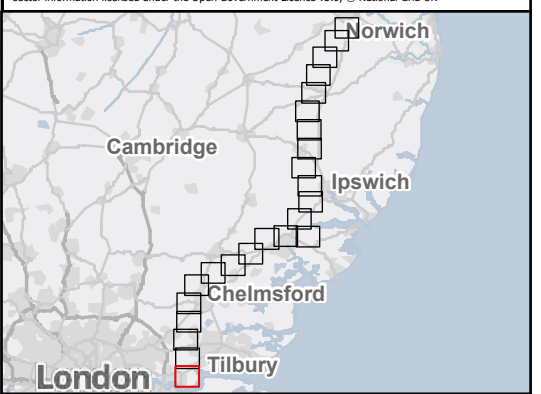
Suitability Description:
 Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00846	Revision: B
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- Order limits
 - Sheet index outline
 - Proposed project design details**
 - Proposed full line tension gantry
 - Proposed low duty gantry
 - Existing pylon (modify)
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - Proposed Tilbury North Substation
 - Proposed cable sealing end (CSE) compound
 - Environmental area
 - Environmental mitigation
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints**
 - 200 m Study Area
 - Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).
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B	Mar 2026	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(I)(ii)

Title:
Figure B.A.1 - Outline Landscape and Ecological Management Plan - Ancient Woodland Locations (within Study Area)
 Page 24 of 24

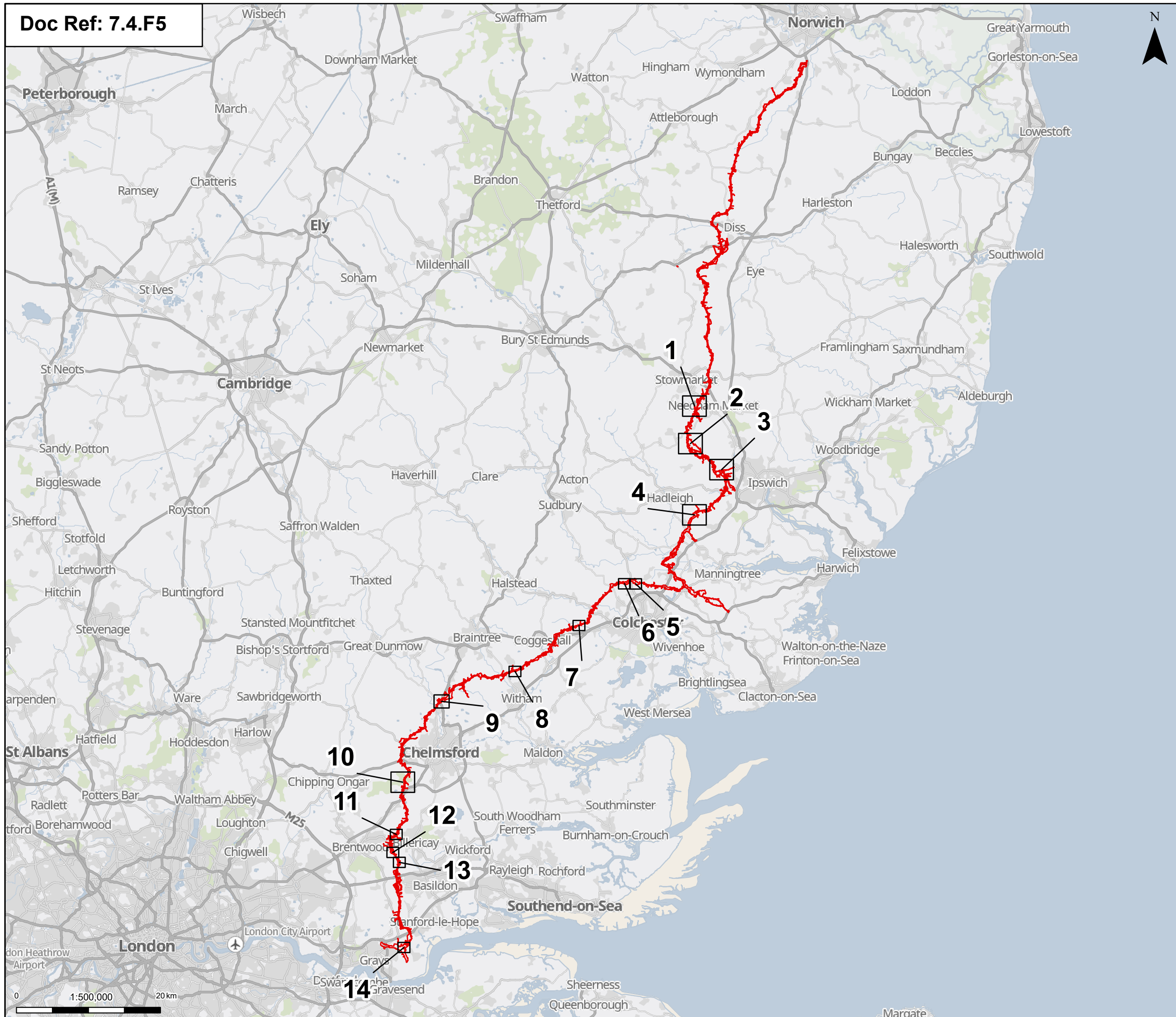
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Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00846

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Figure B.A.2 Ancient Woodlands Subject to Mitigation (Revision B)



Order limits
 Pages



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PROJECT:
nationalgrid Norwich to Tilbury

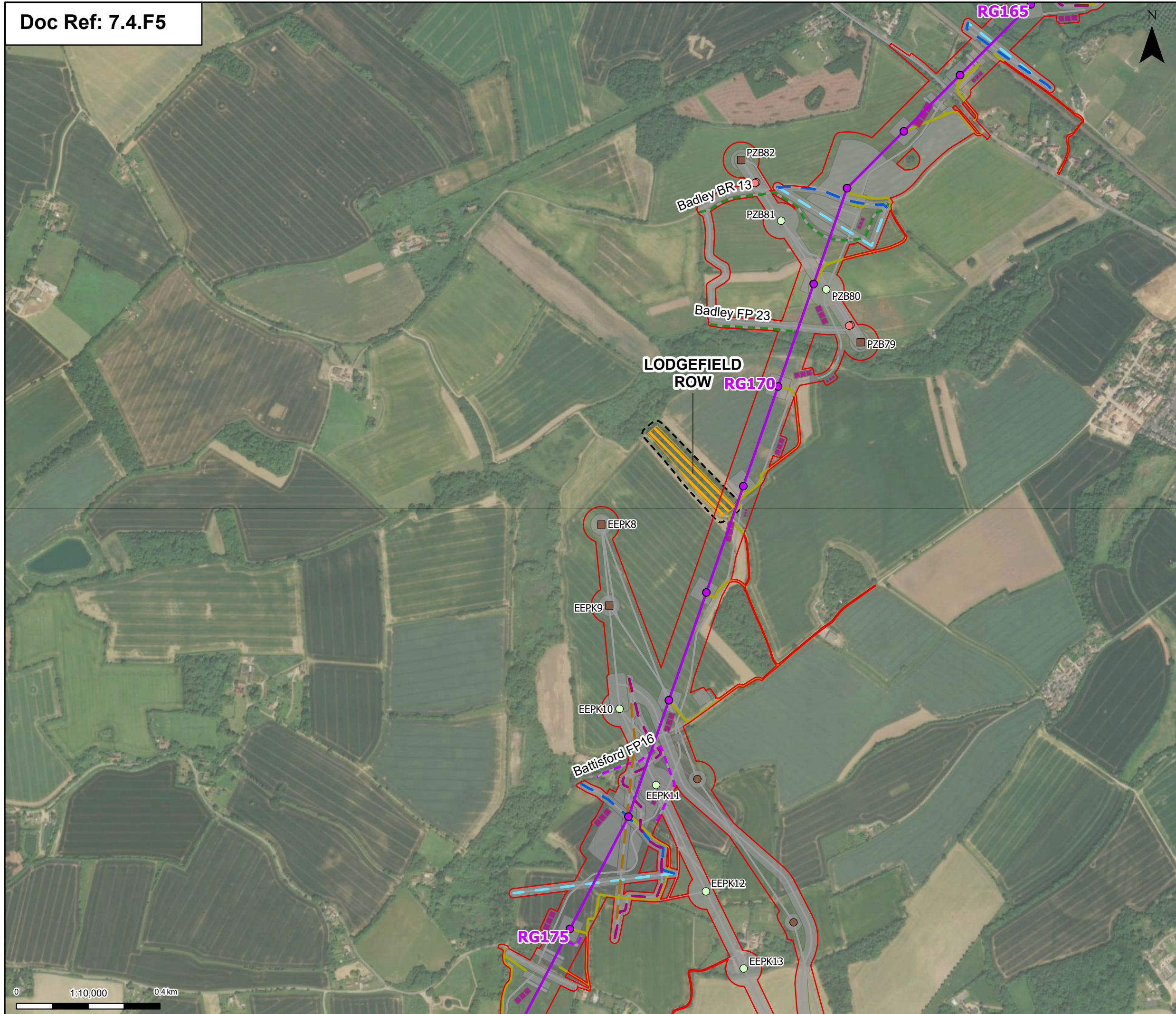
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Overview

Designed	E. Pickering	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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Order limits

- Proposed project design details
- Proposed permanent access (no physical works)
- Proposed overhead line construction SuDS basin
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Other temporary and permanent construction and operational works
- Discipline specific constraints
- 15m buffer
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

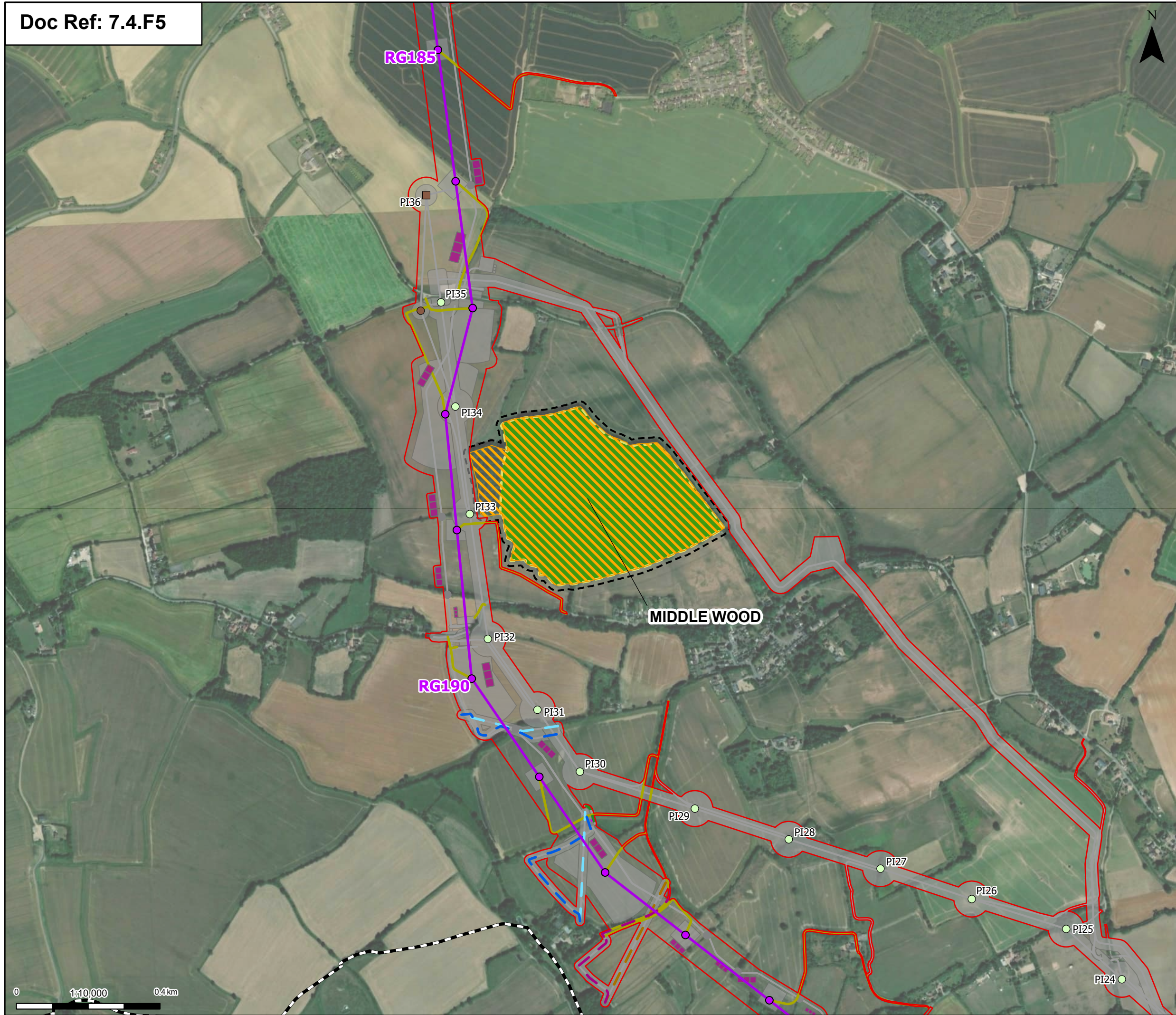
Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Lodgefield Row (Section B)
 Page 1 of 14

Designed	E. Pickering	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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Order limits
 - Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Public Right of Way Temporary Diversion
- Public Right of Way Temporary Diversion (DCO Boundary Change)

Proposed permanent access (no physical works)

- Proposed overhead line construction SuDS basin
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
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Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Middle Wood (Section B)
 Page 2 of 14

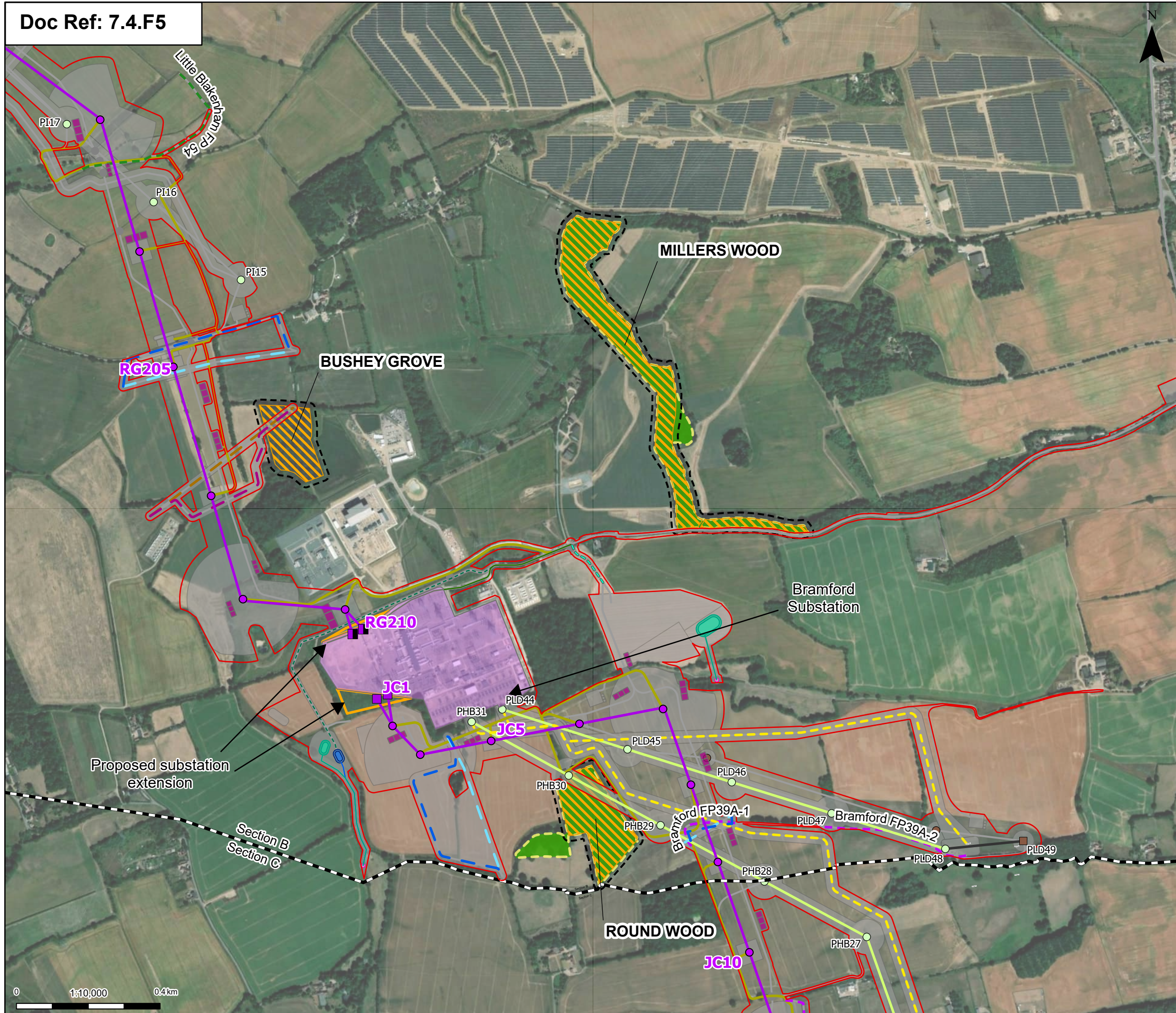
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Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00844

Revision:
 B

0 1:10,000 0.4km



Order limits

- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN overhead line temporary structure (only angles)
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Proposed UKPN dismantle centreline
- Proposed UKPN existing centreline (modified)
- Proposed UKPN Cable Centreline
- Public Right of Way Temporary Diversion
- Public Right of Way Temporary Diversion (DCO Boundary Change)

Proposed Substation / Cable Sealing End (CSE) compound permanent access routes

- Proposed permanent access (no physical works)
- Proposed permanent drainage access route
- Proposed overhead line construction SuDS basin
- Proposed outfall location
- Proposed temporary attenuation drainage
- Proposed temporary attenuation drainage
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Proposed bypass haul road
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT: **nationalgrid** Norwich to Tilbury

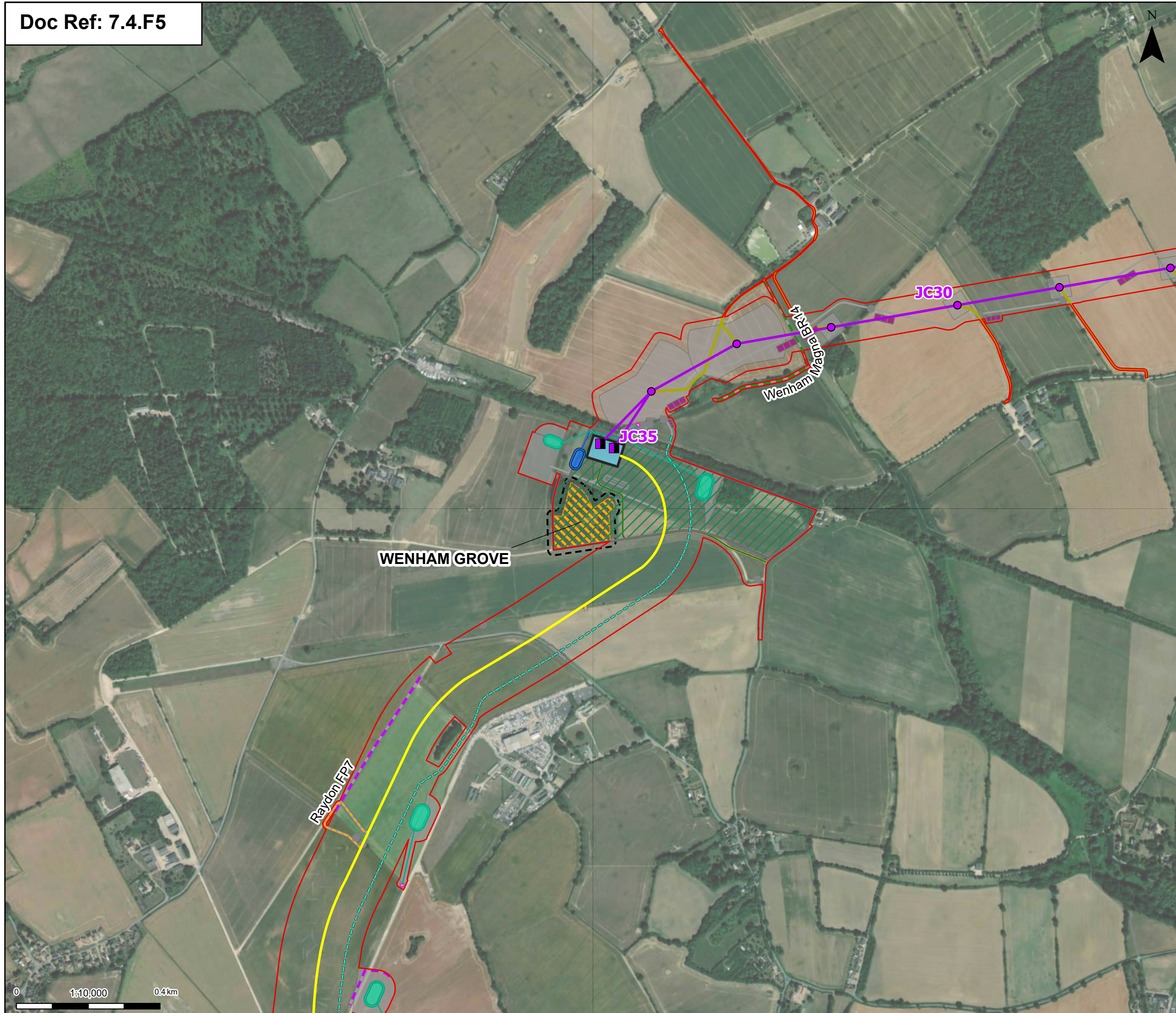
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title: **Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Miller's Wood, Bushey Grove and Round Wood (Section B) Page 3 of 14**

Designed	E. Pickering	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: **Accepted as Concept Stage**

Drawing Number: **10059280-ARC-EBD-ZZ-DR-ZZ-00844** Revision: **B**



Proposed project design details

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Proposed environmental and mitigation area
- Public Right of Way Temporary Diversion
- Public Right of Way Temporary Diversion (DCO Boundary Change)
- Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
- Proposed permanent access (no physical works)
- Proposed cable permanent access (no physical works)
- Proposed overhead line construction SuDS basin

Proposed outfall location

- Proposed temporary attenuation drainage
- Proposed temporary attenuation drainage
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Proposed bypass haul road

Discipline specific constraints

- 15m buffer
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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PROJECT:
nationalgrid Norwich to Tilbury

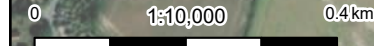
Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

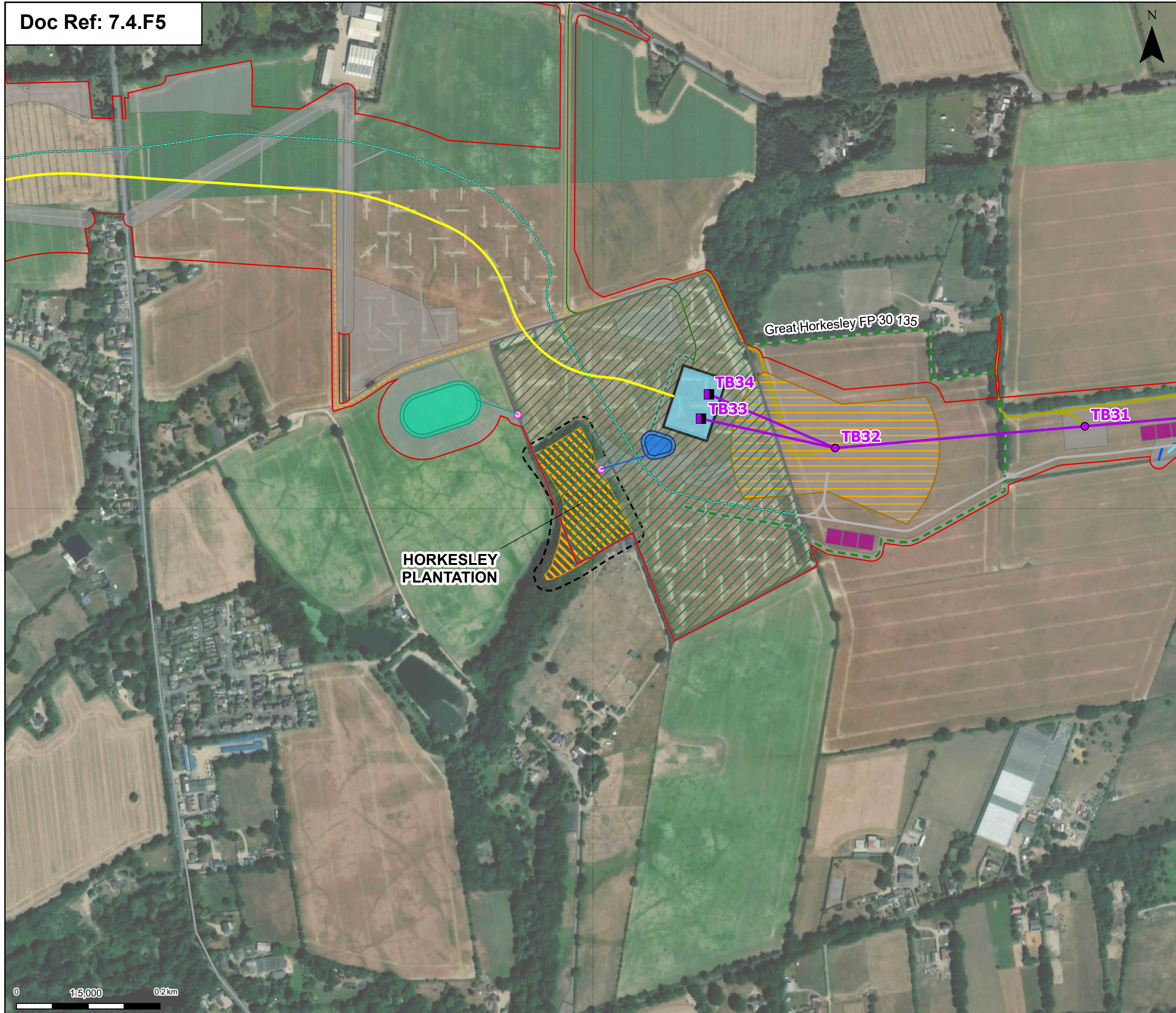
Title:
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 Page 4 of 14

Designed	E. Pickering	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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- Order limits
 - Proposed full line tension gantry
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - Proposed underground cable alignment
 - OHL Construction Access Routes
 - Proposed cable sealing end compound (CSEC)
 - Proposed environmental and mitigation area
 - Proposed 11kV overhead line mitigation
 - Proposed 11kV underground cable alignment mitigation
 - Temporary Diversion (DCO Boundary Change)
 - Pulling locations
 - Proposed Substation / Cable Sealing End (CSE) compound permanent access routes
 - Proposed permanent access (no physical works)
 - Proposed cable permanent access (no physical works)
 - Proposed permanent drainage access route
 - Proposed overhead line construction SuDS basin
 - Proposed outfall location
 - Proposed temporary attenuation drainage
 - Proposed temporary attenuation drainage
 - Proposed permanent attenuation drainage channel
 - Proposed permanent attenuation drainage pond
 - Proposed bypass haul road
 - Other temporary and permanent construction and operational works
- Discipline specific constraints**
- 15m buffer
 - Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)

Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Horkesley Plantation (Section D)
 Page 5 of 14

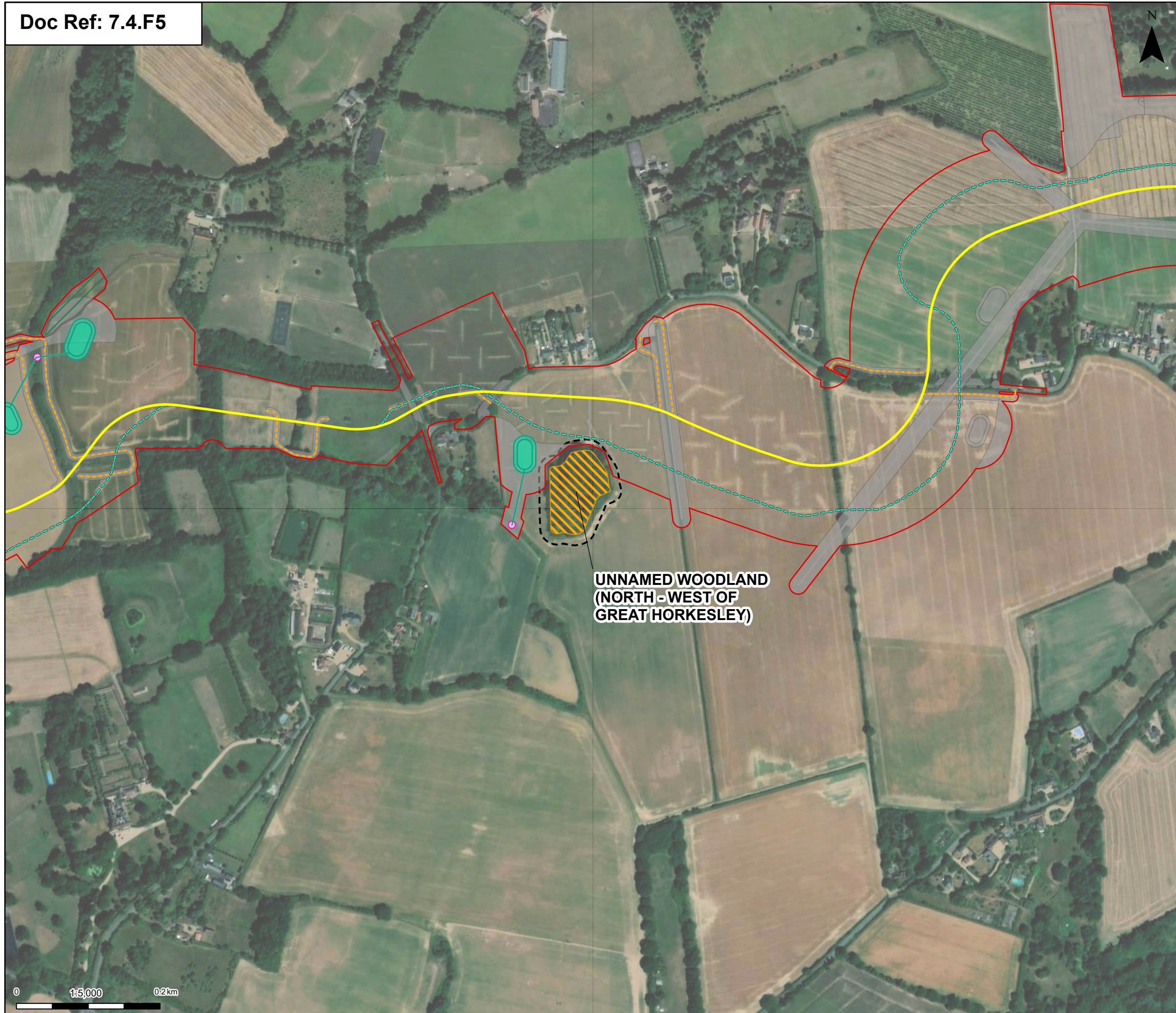
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Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:5,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage

Drawing Number:
 10059280-ARC-EBD-ZZ-DR-ZZ-00844

Revision:
B





Order limits

Proposed project design details

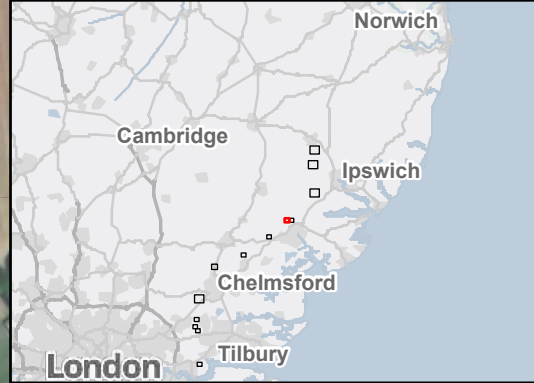
- Proposed underground cable alignment
- Proposed environmental and mitigation area
- Proposed cable permanent access (no physical works)
- Proposed outfall location
- Proposed temporary attenuation drainage
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Proposed bypass haul road
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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**UNNAMED WOODLAND
(NORTH - WEST OF
GREAT HORKESLEY)**

Rev	Date	Description	Drawn	Check	Approv
B	Mar 2026	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

PROJECT:
nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:
Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Unnamed Woodland North-West of Great Horkesley Great Horkesley (Section D) Page 6 of 14

Designed	E. Pickering	Date	March 26
Drawn	K. Fischer	Date	March 26
Checked	A. Fell	Date	March 26
Approved	K. Burrows	Date	March 26
Scale:	1:5,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00844
Revision: B



Order limits

- Proposed project design details
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- OHL Construction Access Routes
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Public Right of Way Temporary Diversion
- Public Right of Way Temporary Diversion (DCO Boundary Change)
- Pulling locations
- Proposed permanent access (no physical works)
- Proposed overhead line construction SuDS basin

Proposed permanent attenuation drainage channel

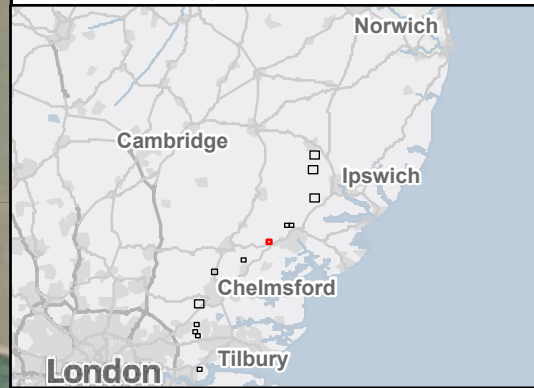
- Proposed permanent attenuation drainage pond
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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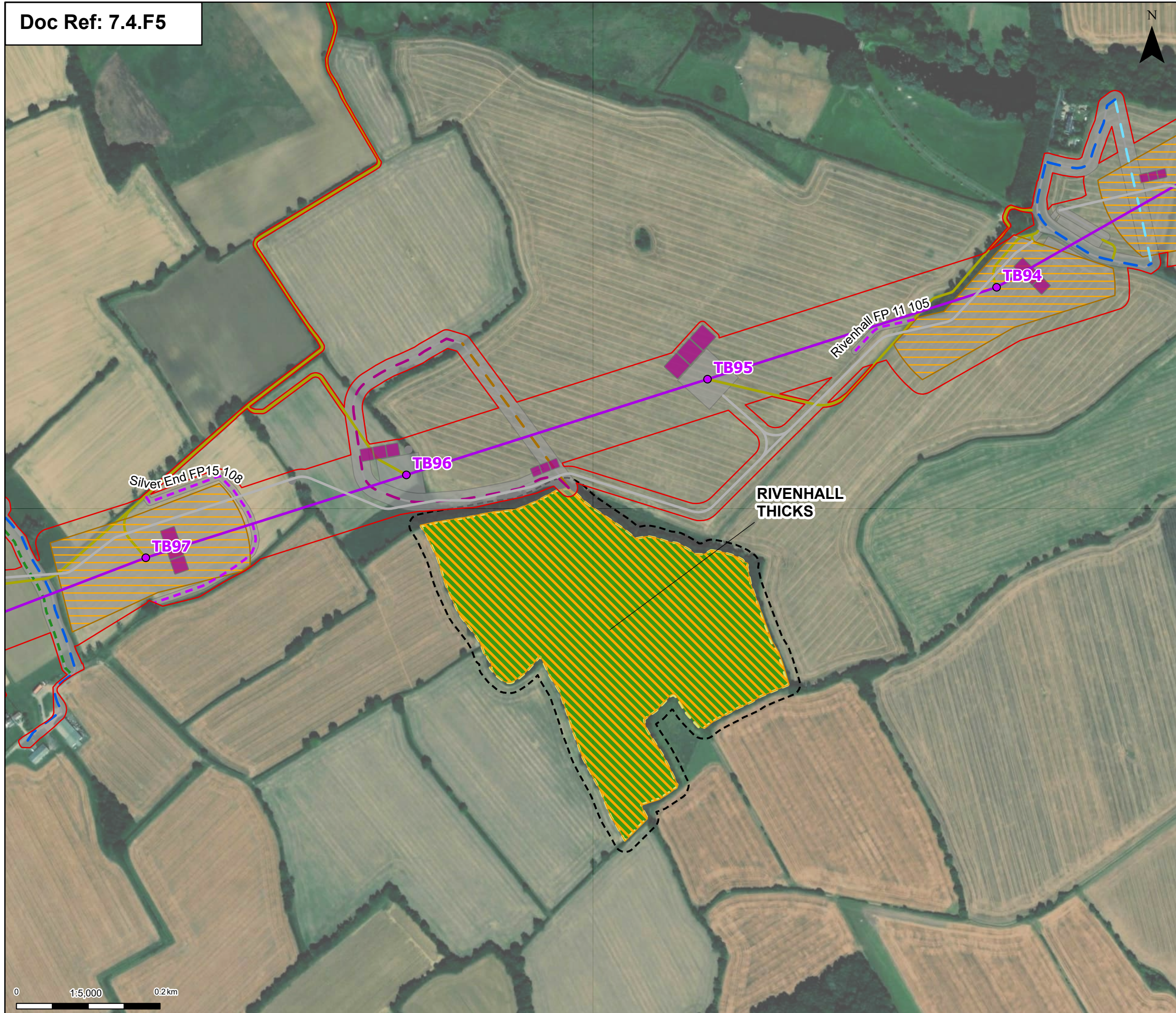
Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Stonefield Strip (Section D)
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Designed	E. Pickering	Date	March 26
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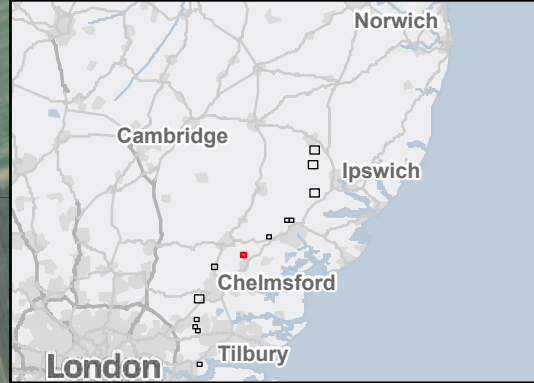
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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- Order limits
 - Proposed permanent attenuation drainage channel
 - Proposed permanent attenuation drainage pond
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - OHL Construction Access Routes
 - Proposed 11kV overhead line mitigation
 - Proposed 11kV underground cable alignment mitigation
 - Proposed 33kV overhead line mitigation
 - Proposed 33kV underground cable alignment mitigation
 - Public Right of Way Temporary Diversion
 - Public Right of Way Temporary Diversion (DCO Boundary Change)
 - Pulling locations
 - Proposed permanent access (no physical works)
 - Proposed overhead line construction SuDS basin
 - Other temporary and permanent construction and operational works
 - 15m buffer
 - Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
 - Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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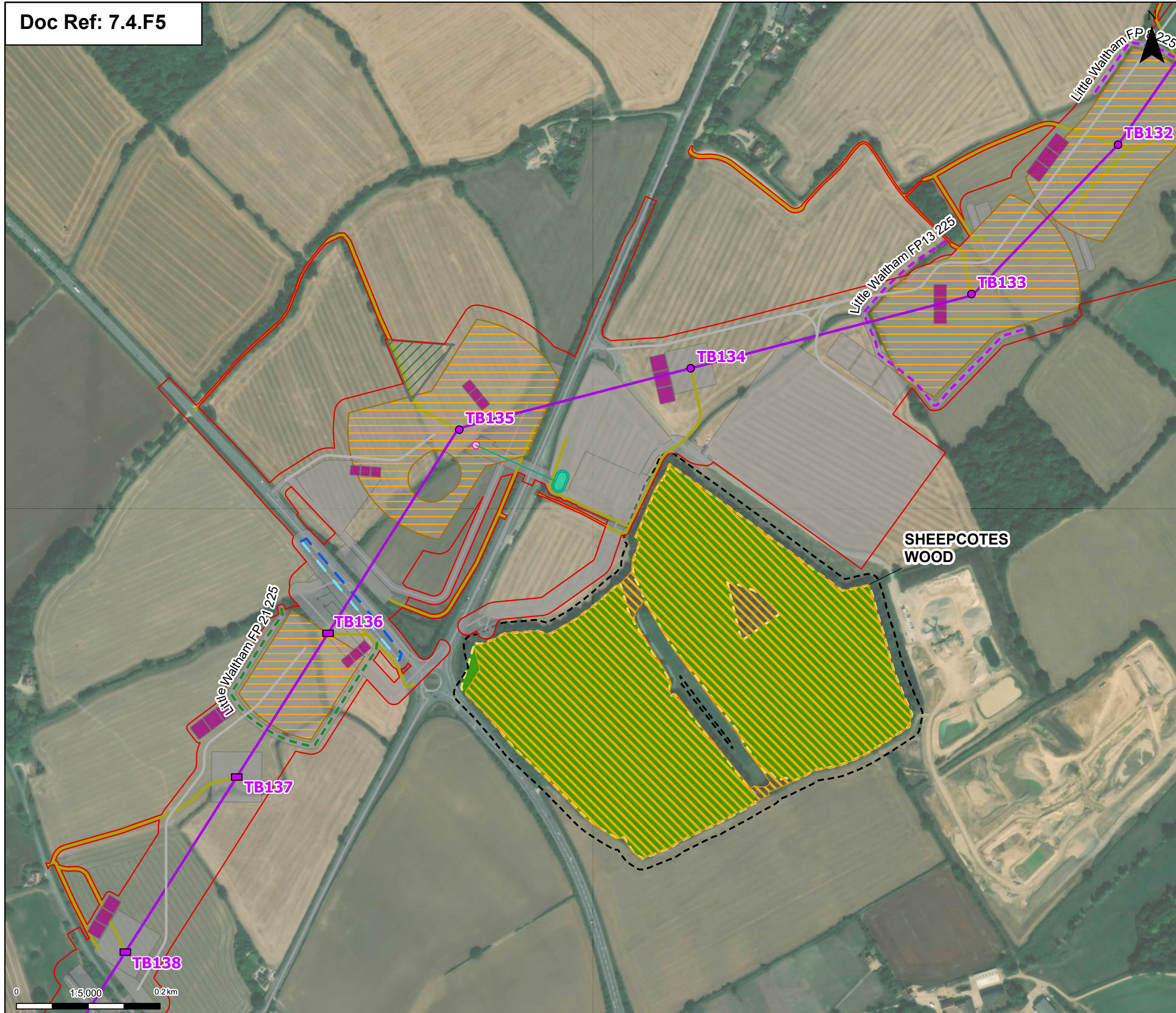
Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Rivenhall Thicks (Section E)
 Page 8 of 14

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Suitability Description:
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Proposed project design details

- Proposed low height pylon location
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- OHL Construction Access Routes
- Proposed environmental and mitigation area
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Public Right of Way Temporary Diversion
- Temporary Diversion (DCO Boundary Change)
- Pulling locations
- Proposed permanent access (no physical works)
- Proposed overhead line construction SuDS basin
- Proposed outfall location

Proposed temporary attenuation drainage

- Proposed temporary attenuation drainage location
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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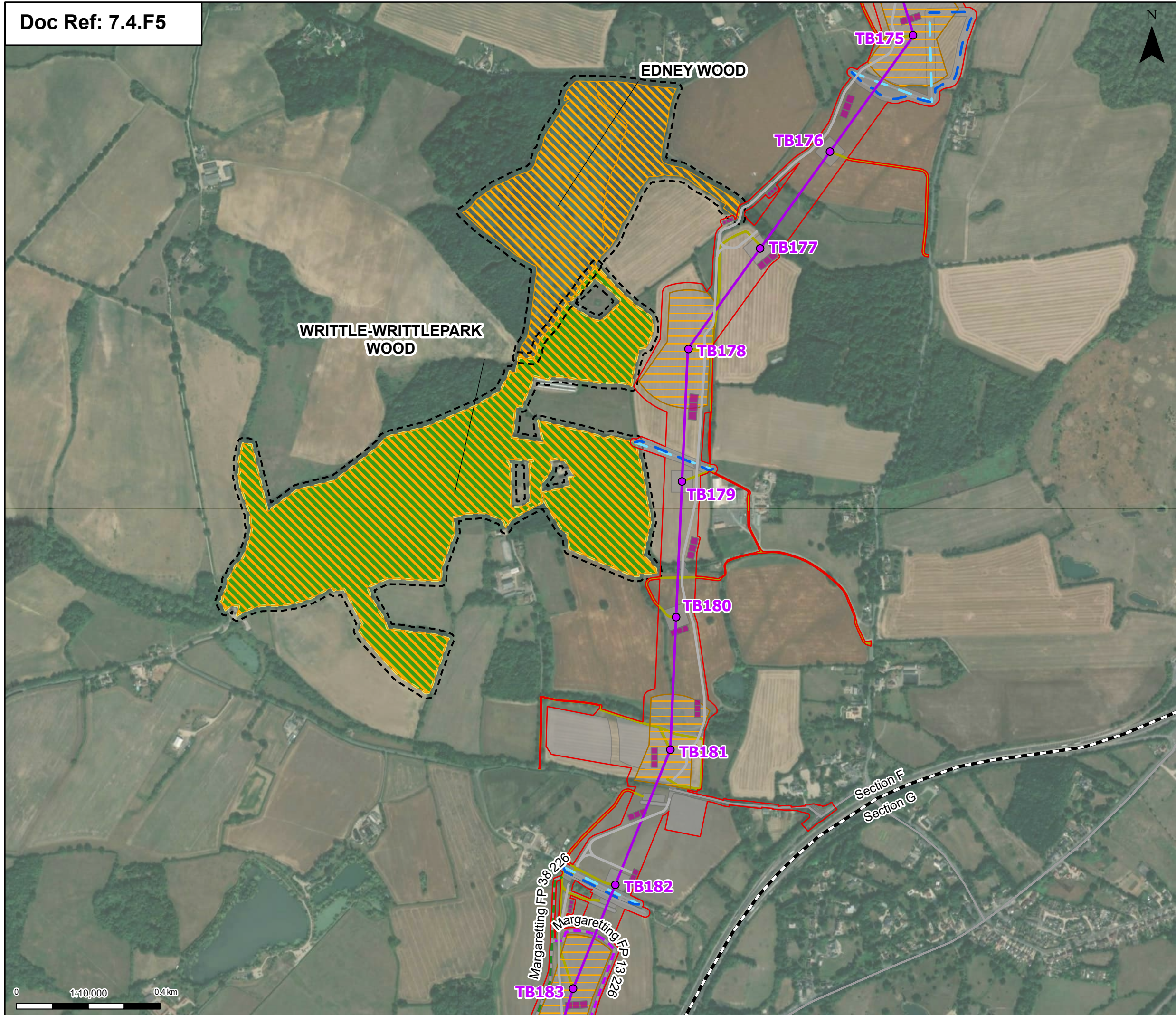
Title:
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 Page 9 of 14

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Suitability Code:	A2	Project Number:	10059280

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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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Order limits
 - Order limits (Red outline)
 - Project section line (Black dashed line)

Proposed project design details
 - Proposed standard lattice pylon location (Purple circle)
 - Proposed overhead line alignment (Purple line)
 - OHL Construction Access Routes (Grey line)
 - Proposed 11kV overhead line mitigation (Light blue line)
 - Proposed 11kV underground cable alignment mitigation (Dark blue line)
 - Public Right of Way Temporary Diversion (Pink dashed line)
 - Public Right of Way Temporary Diversion (DCO Boundary Change) (Green dashed line)
 - Pulling locations (Yellow outline)
 - Proposed permanent access (no physical works) (Green outline)
 - Proposed overhead line construction SuDS basin (Purple rectangle)

Proposed permanent attenuation drainage channel
 - Proposed permanent attenuation drainage channel (Blue line)
 - Proposed permanent attenuation drainage pond (Blue rectangle)
 - Other temporary and permanent construction and operational works (Grey area)

Discipline specific constraints
 - 15m buffer (Black dashed line)
 - Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission) (Green hatched area)
 - Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025) (Yellow hatched area)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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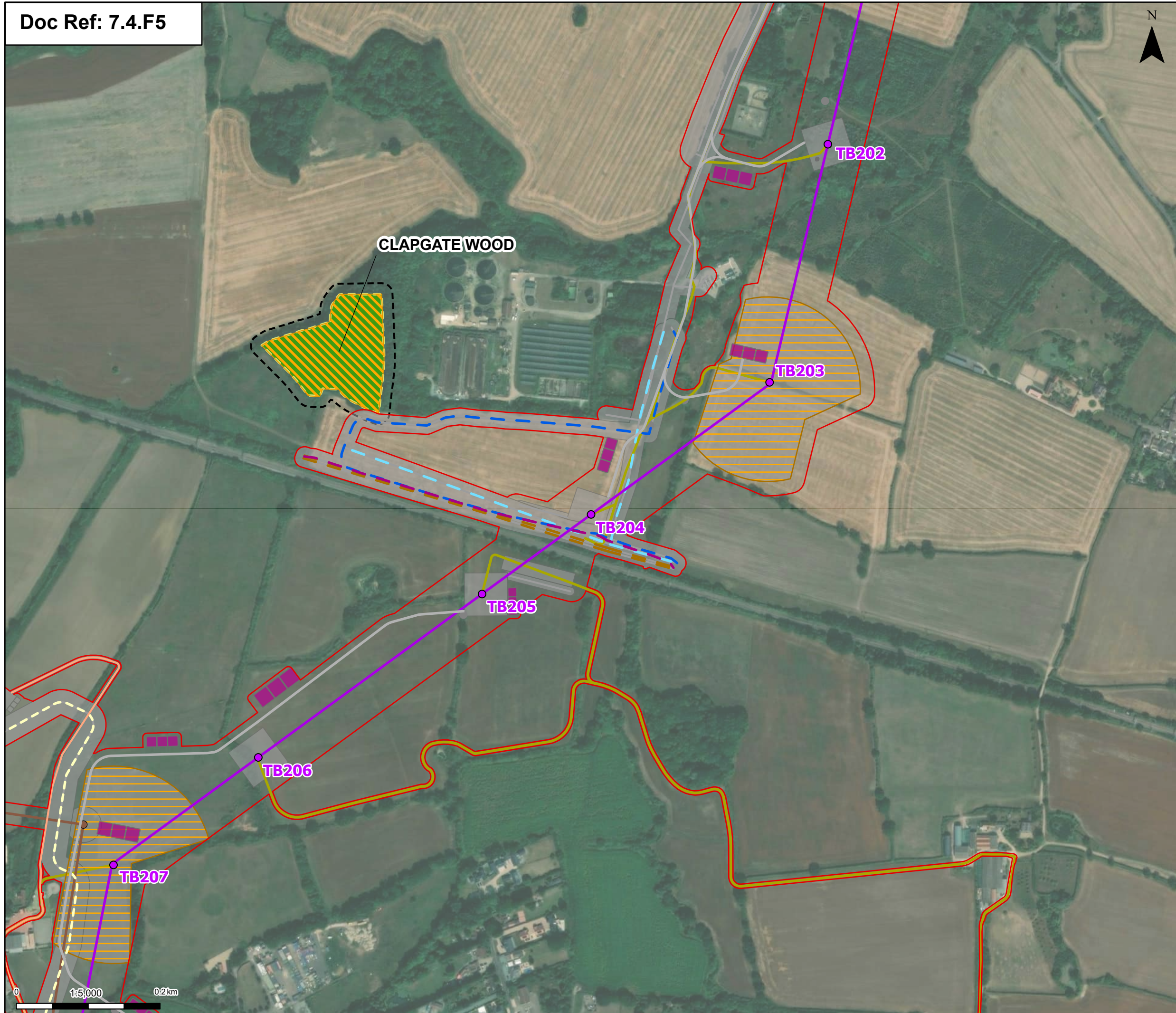
Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Edney Wood and Writtle-Writtlepark Woods (Section F) Page 10 of 14

Designed	E. Pickering	Date	March 26
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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Order limits

- Proposed permanent access (no physical works)
- Proposed overhead line construction SuDS basin
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Other temporary and permanent construction and operational works

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- OHL Construction Access Routes
- Proposed environmental and mitigation area
- Proposed UKPN overhead line temporary structure (only angles)
- UKPN Cable Centreline
- UKPN Temp Diversion Centreline
- UKPN Tower Access
- Proposed 11kV overhead line mitigation
- Proposed 11kV underground cable alignment mitigation
- Proposed 33kV overhead line mitigation
- Proposed 33kV underground cable alignment mitigation
- Pulling locations

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites (Ancient Woodland Inventory as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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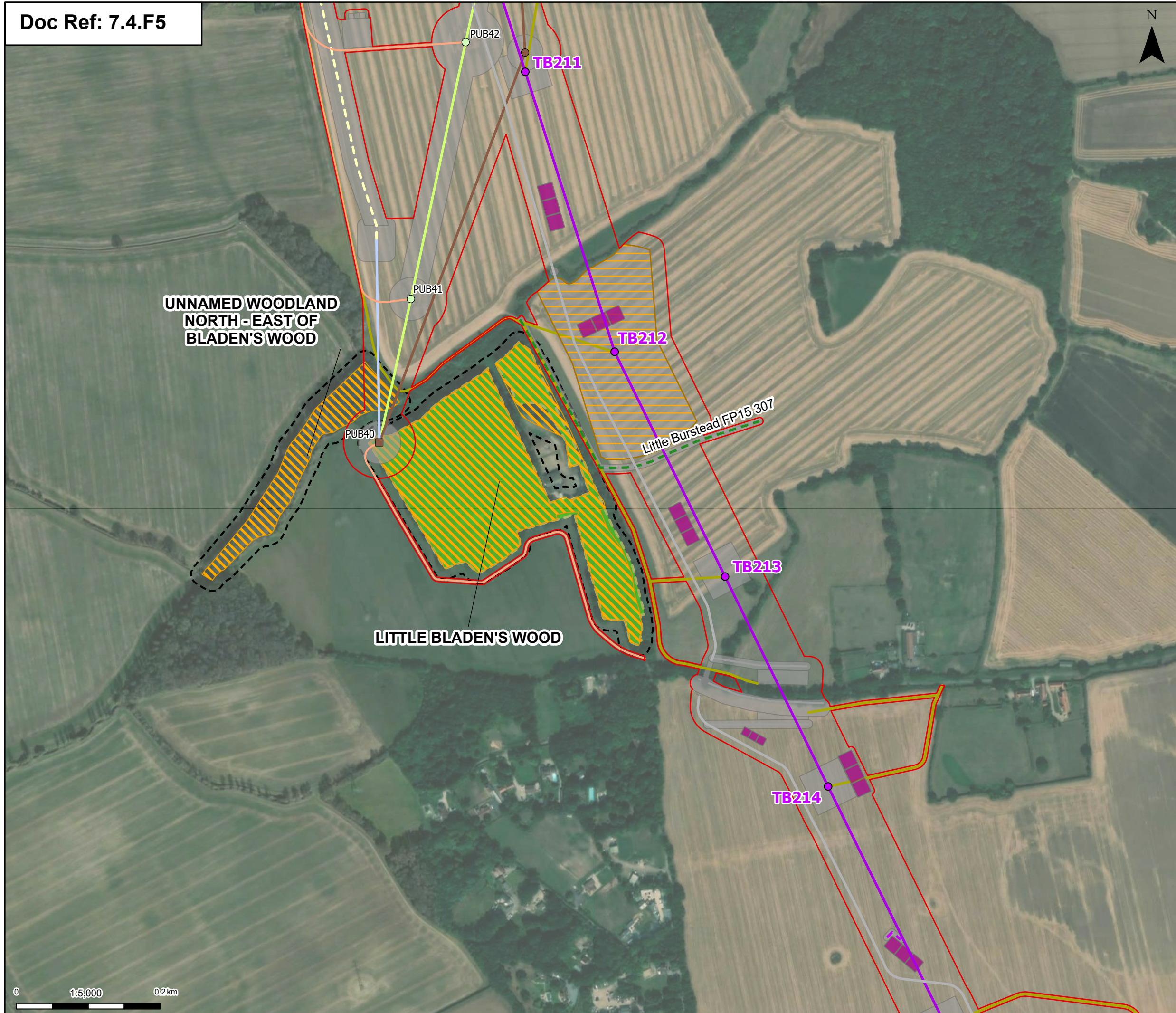
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Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision:	B
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- Order limits
 - Proposed standard lattice pylon location
 - Proposed overhead line alignment
 - OHL Construction Access Routes
 - Proposed UKPN overhead line dismantle towers
 - Proposed UKPN overhead line existing tower (to be modified)
 - Proposed UKPN overhead line temporary structure (only angles)
 - UKPN Cable Centreline
 - UKPN Dismantle Centreline
 - UKPN New Centreline
 - UKPN Temp Diversion Centreline
 - UKPN Tower Access
 - Public Right of Way Temporary Diversion
 - Temporary Diversion (DCO Boundary Change)
 - Pulling locations
 - Proposed permanent access (no physical works)
 - Proposed overhead line construction SuDS basin
 - Proposed permanent attenuation drainage channel
 - Proposed permanent attenuation drainage pond
 - Other temporary and permanent construction and operational works
 - Discipline specific constraints
 - 15m buffer
 - Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
 - Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)
- Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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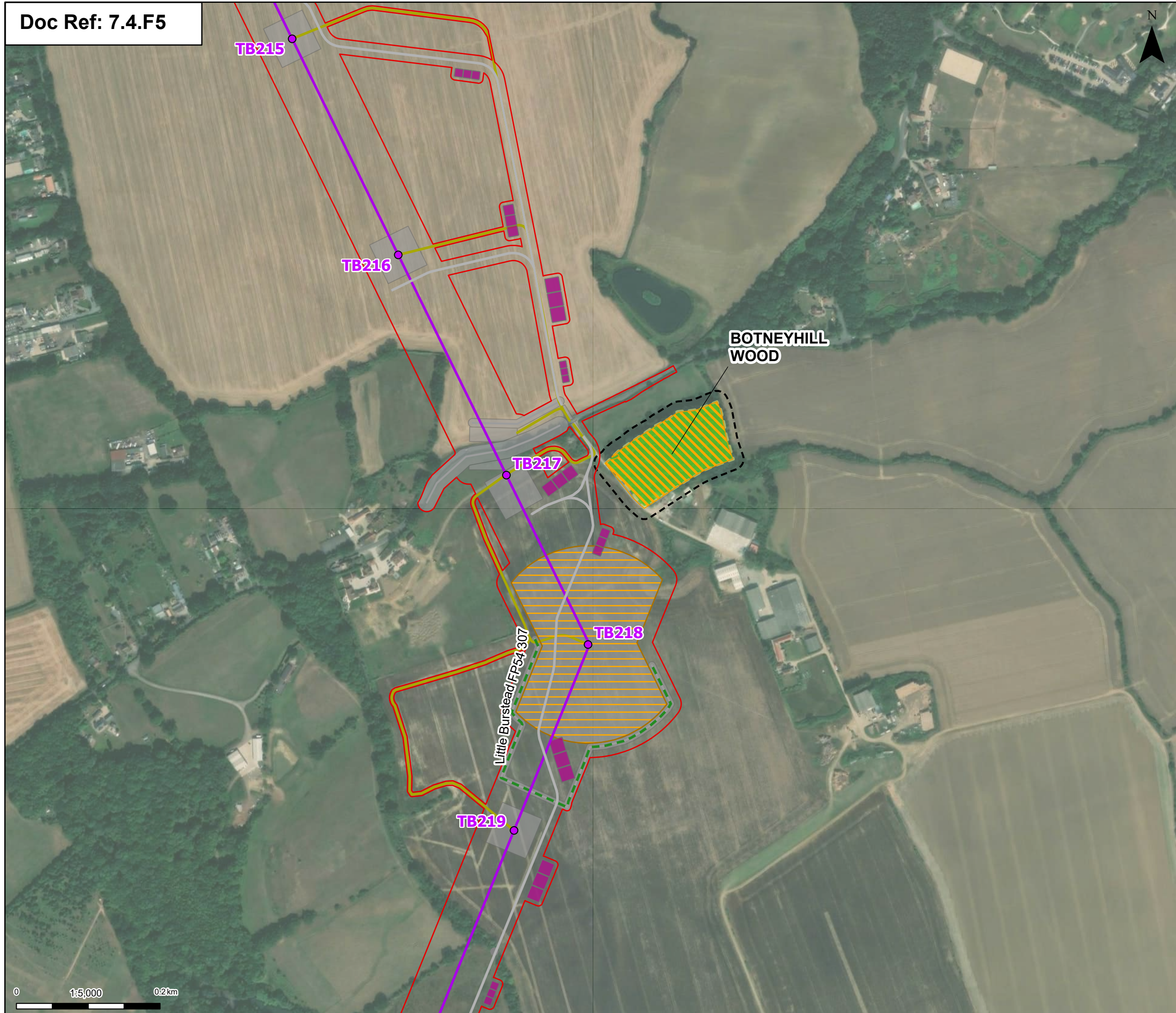
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 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Unnamed Woodland North-East of Bladen's Wood and Little Bladen's Wood (Section G)
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00844	Revision: B
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Order limits

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- OHL Construction Access Routes
- Public Right of Way Temporary Diversion (DCO Boundary Change)
- Pulling locations
- Proposed permanent access (no physical works)
- Proposed overhead line construction SuDS basin
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond

Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- Updated Ancient Woodland Sites (Ancient Woodland Inventory as per October 2025)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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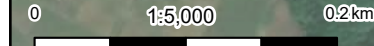
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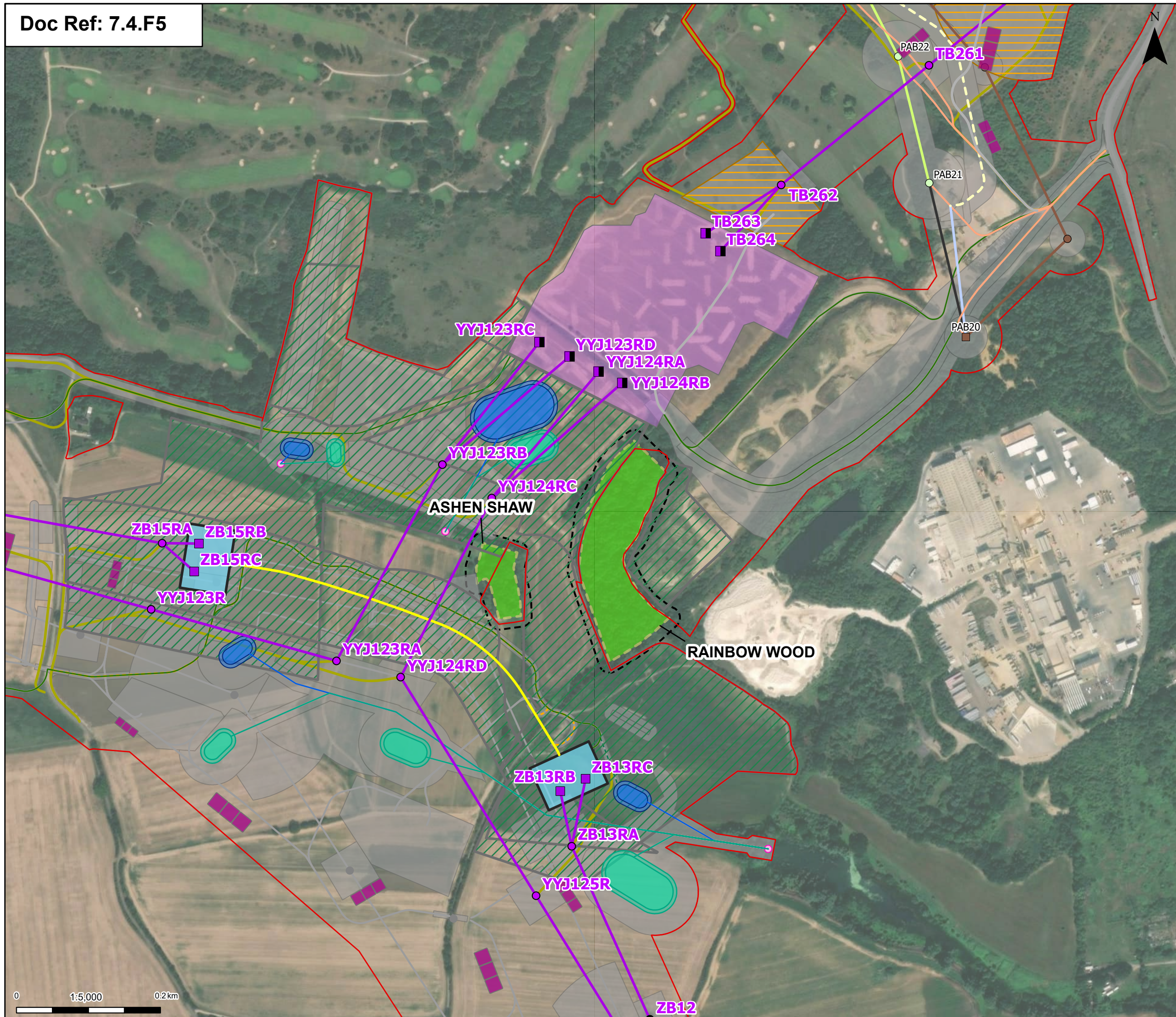
Title:
 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Botneyhill Wood (Section G)
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Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- Existing pylon (modify)
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- OHL Construction Access Routes
- Proposed Tilbury North Substation
- Proposed cable sealing end compound (CSEC)
- Proposed environmental and mitigation area
- Proposed UKPN overhead line dismantle towers
- Proposed UKPN overhead line existing tower (to be modified)
- Proposed UKPN overhead line temporary structure (only angles)
- UKPN Cable Centreline
- UKPN Dismantle Centreline
- UKPN New Centreline
- UKPN Existing Centreline (Modified)
- UKPN Temp Diversion Centreline
- UKPN Tower Access
- Pulling locations

Proposed Substation / Cable Sealing End (CSE) compound permanent access routes

- Proposed permanent access (no physical works)
- Proposed cable permanent access (no physical works)
- Proposed permanent drainage access route
- Proposed overhead line construction SuDS basin
- Proposed outfall location
- Proposed temporary attenuation drainage
- Proposed temporary attenuation drainage
- Proposed permanent attenuation drainage channel
- Proposed permanent attenuation drainage pond
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 15m buffer
- Ancient Woodland Sites that are not shown on the Ancient Woodland Inventory (as per DCO Submission)
- Woodland Inventory (as per DCO Submission)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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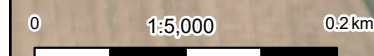
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 Figure B.A.2 - Outline Landscape and Ecological Management Plan - Ancient Woodland Subject to Mitigation Rainbow Wood and Ashen Shaw (Section H)
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Annex B Other Ancient Woodland Within 15 m of the Order Limits³

³ Note this only includes the newly identified ancient woodlands that are listed in Table D.1 of Appendix D that lie within 15 m of the Order Limits and not impacted by the Project. No additional mitigation is required beyond the Projects existing commitment to avoid any ground-breaking activities within 15 m of these woodlands (commitment B17 within **7.2 Outline Code of Construction Practice (Revision C)**).

Table F.B.1 Other newly identified ancient woodlands within 15 m of Order Limits (woodlands not already captured in tables above)

Project Section	Ancient Woodland Name	Woodland in Relation to the Project	Mitigation Measure/ Commitment
B	Fore Grove (Part of Fore and Bushey Grove LWS)	This woodland is approximately 12 m from the Order Limits. It is approximately 21 m east of the proposed alignment of a temporary construction haul road and 15 m from the associated works area. The 400 kV overhead line LoD is 14 m west of the woodland, with the current alignment designed to be approximately 65 m west.	Commitment for no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.
B	Ladies Walk	This woodland is 15 m from the works area (and associated vegetation removal swathe) for a 132 kV new underground cable centreline (EPPK- Route) as part of essential third-party works to facilitate the Project. The woodland is approximately 31 m from the current proposed underground cable alignment.	Commitment for no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.
C	Hill House / Parney Heath	This ancient wood pasture is 11 m from the Order Limits at the closest point and 15 m from a permanent cable access route. No breaking ground is proposed within 15 m of this site, and no direct loss of ancient wood pasture anticipated. The existing road network is between this site and the Order Limits.	Commitment for no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.
D	Terling Spring	The south-west corner of this woodland is adjacent to a third-party access track for pylon PSB38, this is part of mitigation works to UK Power Networks' existing PSB Route (132 kV overhead line) necessary to facilitate the Project. No breaking ground is proposed within 15 m of this woodland, and no direct loss of woodland is anticipated.	Commitment for no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.

Project Section	Ancient Woodland Name	Woodland in Relation to the Project	Mitigation Measure/ Commitment
F	Lady Grove	The woodland is 7 m west of the Order Limits and a Public Right of Way (PRoW) diversion. This will require the temporary stop-up of a culverted footbridge along the Writtle FP66 238 existing PRoW, approximately 8 m from the south-eastern corner of the woodland. No breaking ground is anticipated within 15 m of this woodland and no additional mitigation required.	Commitment for no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.
F	Sparrowhawk Wood	Woodland is 1 m south at the closest point from permanent access route (right of access only) for construction of pylon TB144 for 400 kV overhead line. No direct loss of woodland expected.	Commitment for no physical works or breaking ground within 15 m of ancient woodland where at all possible. Demarcation measures will be used to ensure this 15 m buffer is not breached.

Annex C Ancient Woodland with Proposed Mitigation in Relation to the Project

These figures are additional to those presented in **7.4 Outline Landscape and Ecological Management Plan Appendix B – Ancient Woodland and Veteran Tree Strategy [APP-323]**.

Figure B.C.12 Lodgefield Row (Section B)



Figure B.C.13 Bushey Grove (Section B)

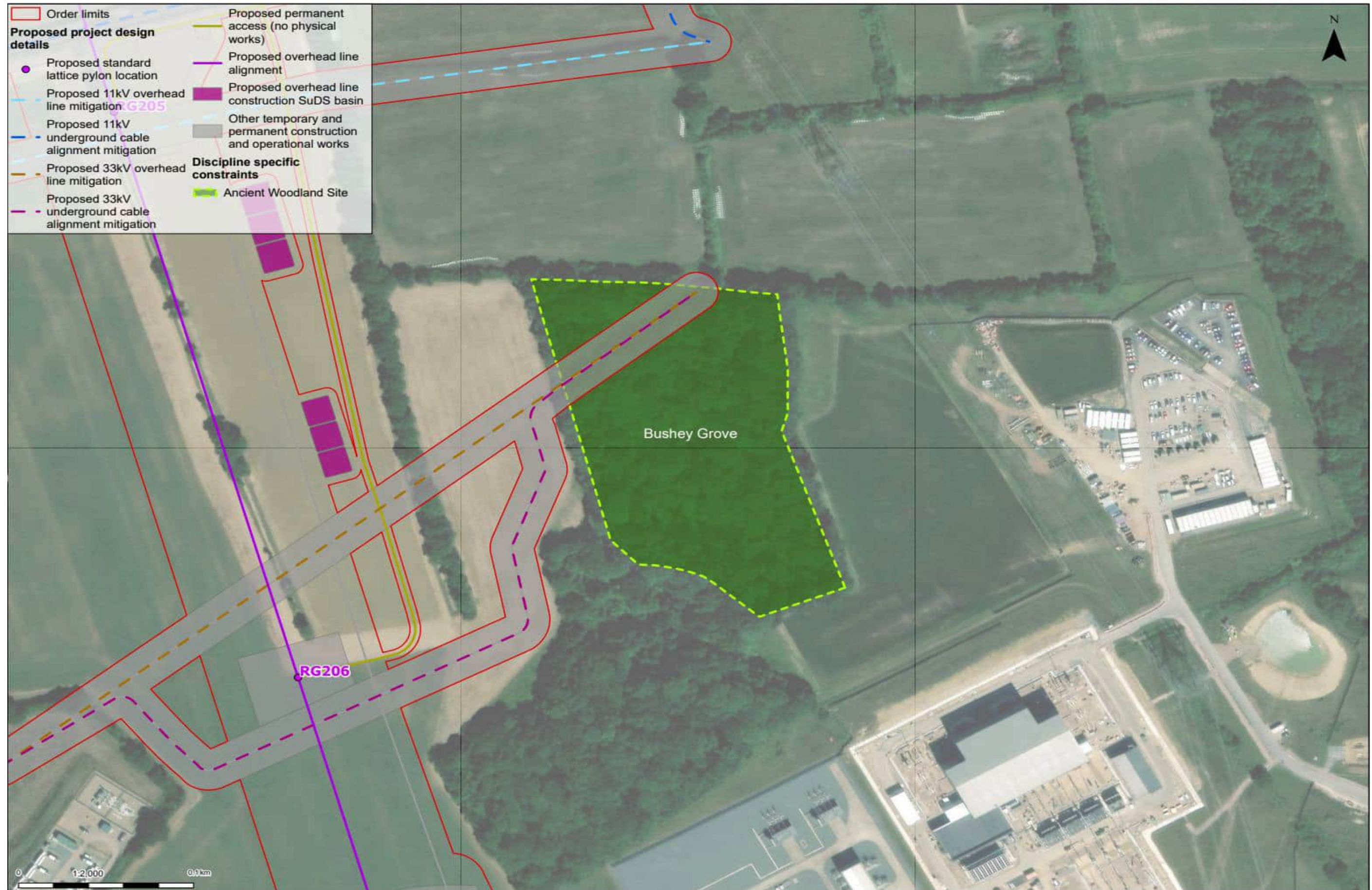


Figure B.C.14 Horkesley Plantation (Section D)

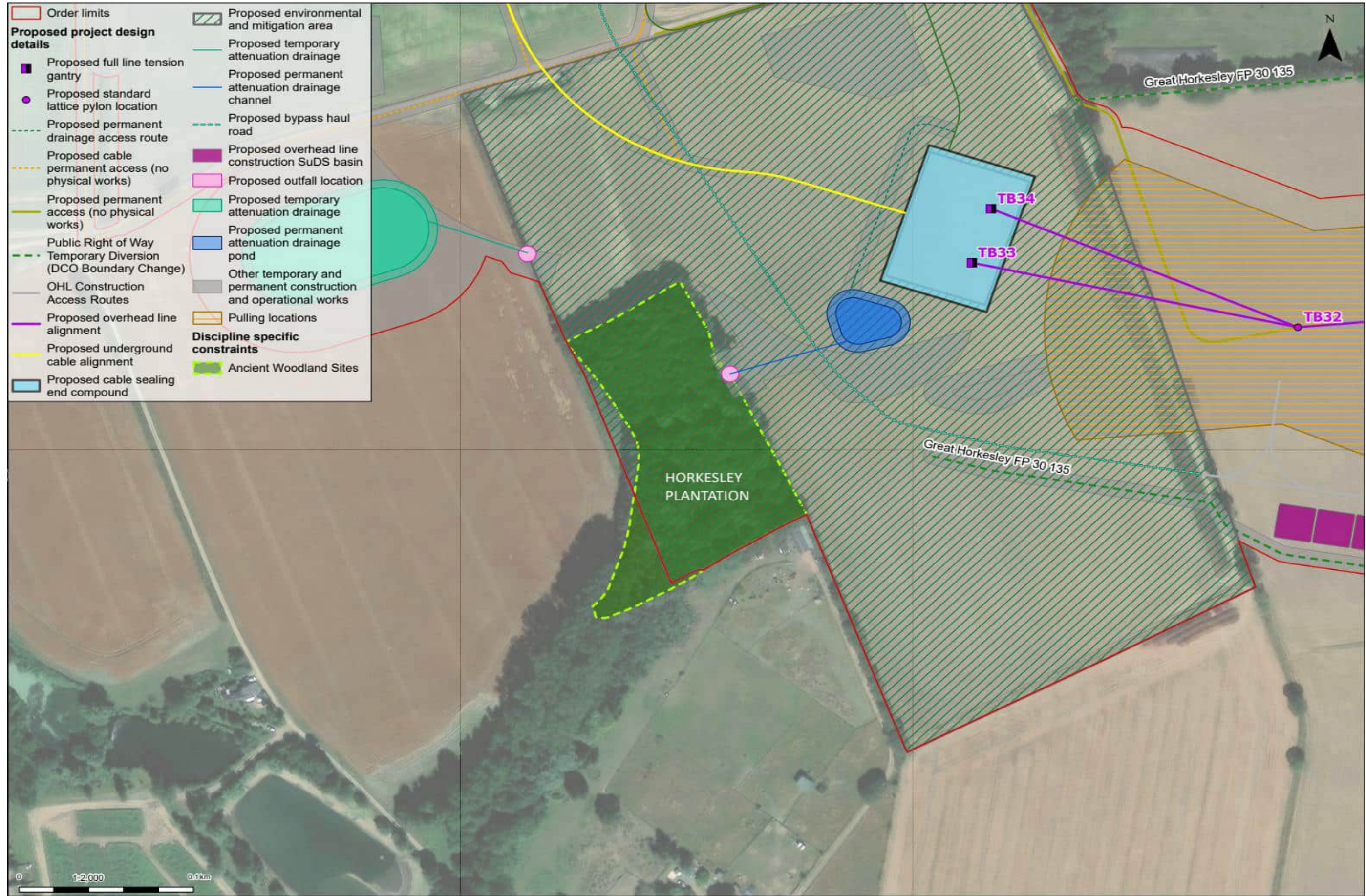


Figure B.C.15 Edney Woods (part of Little / Great Edney Woods) (Section F)

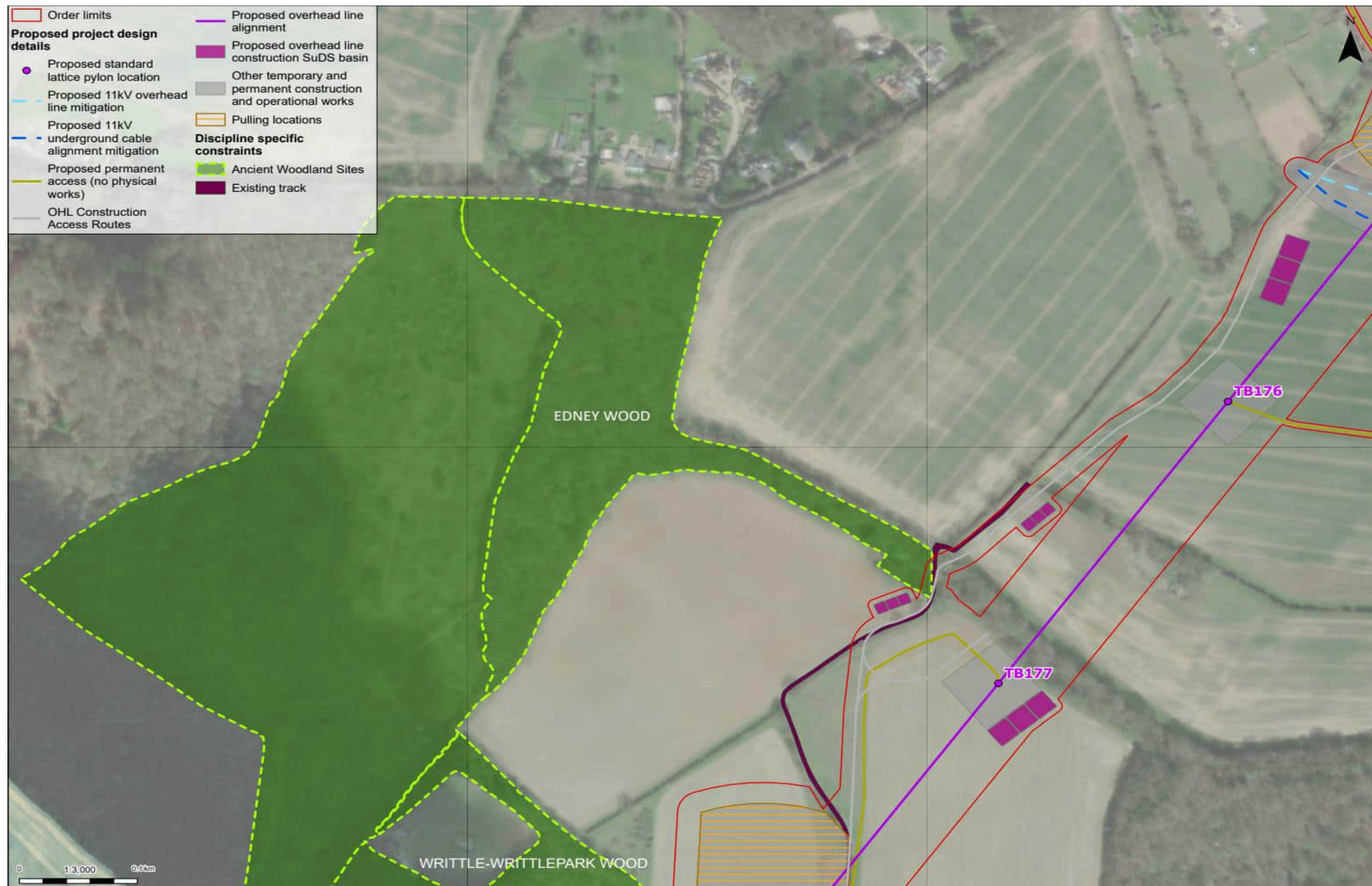


Figure B.C.16 North-east of Bladen's Wood (Section G)

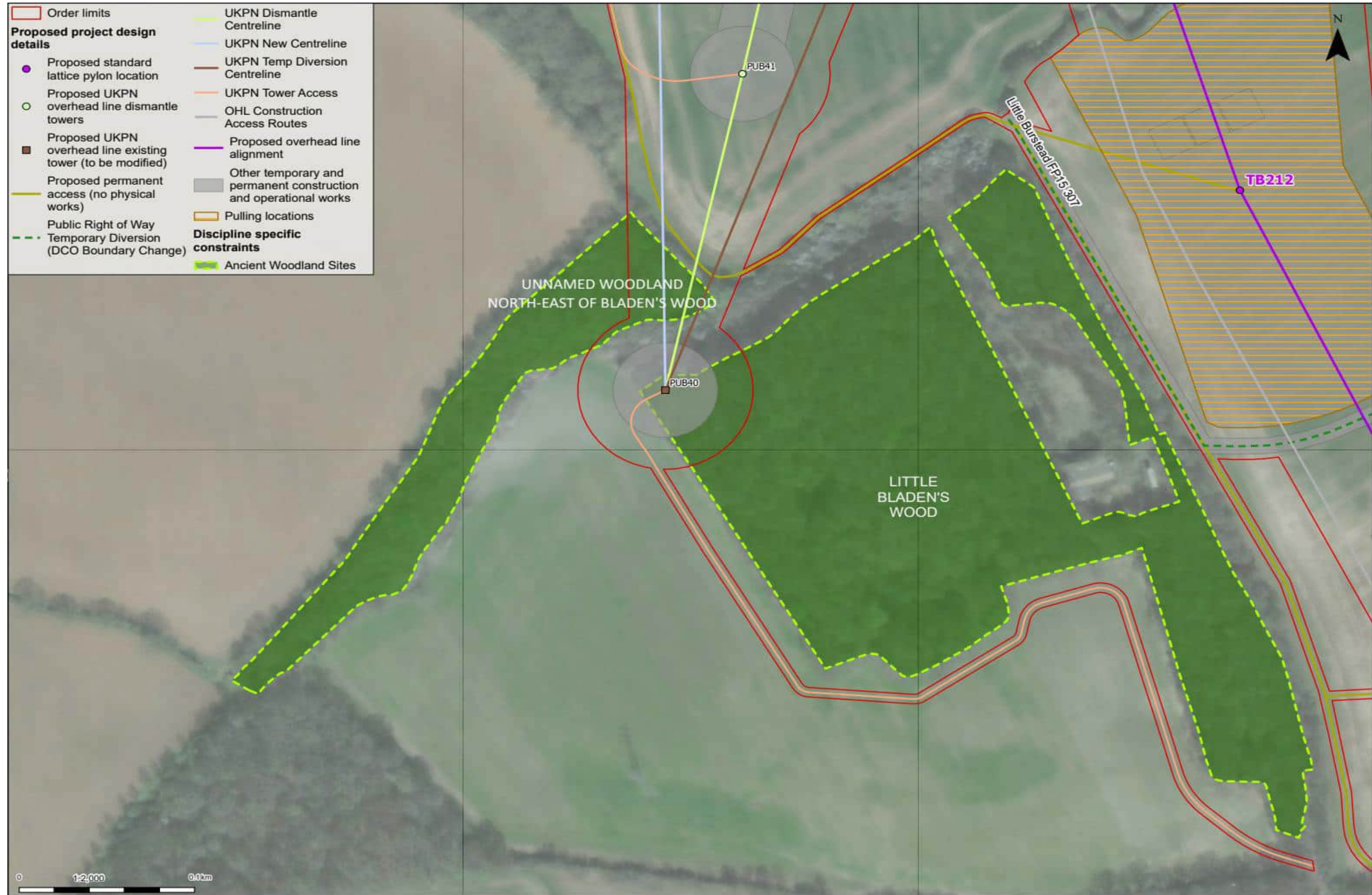


Figure B.C.17 Middle Wood (Offton) (Section B)

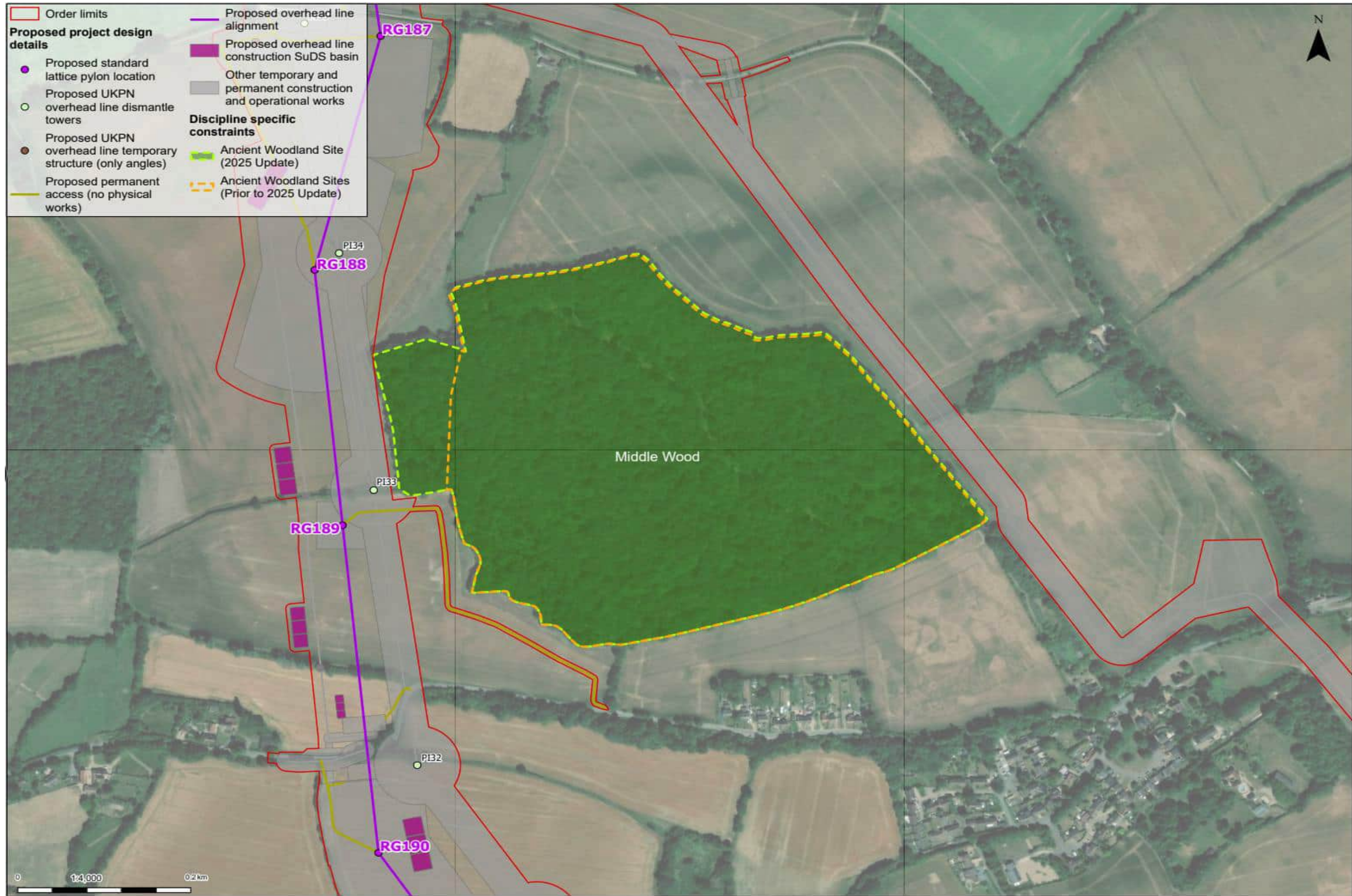


Figure B.C.18 Wenham Grove (Section C)

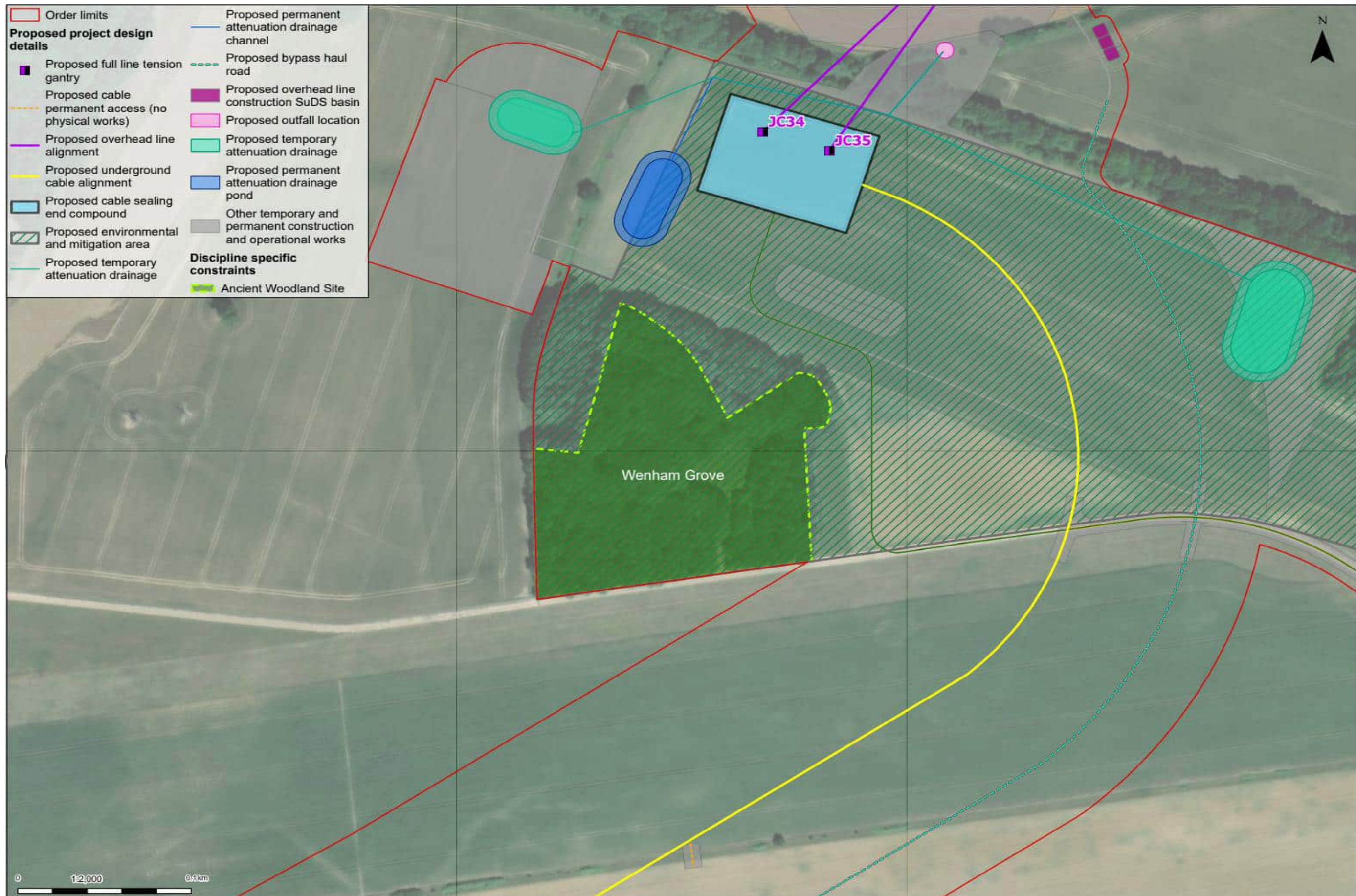


Figure B.C.19 North-west of Great Horkesley (Section D)



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