AENC-ARC-ENV-REP-0141

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.8.A1 Environmental Statement Appendix 8.1 - Habitat Report - Clean Version - Part 2

Final Issue C

July 2026

Planning Inspectorate Reference: EN020027

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

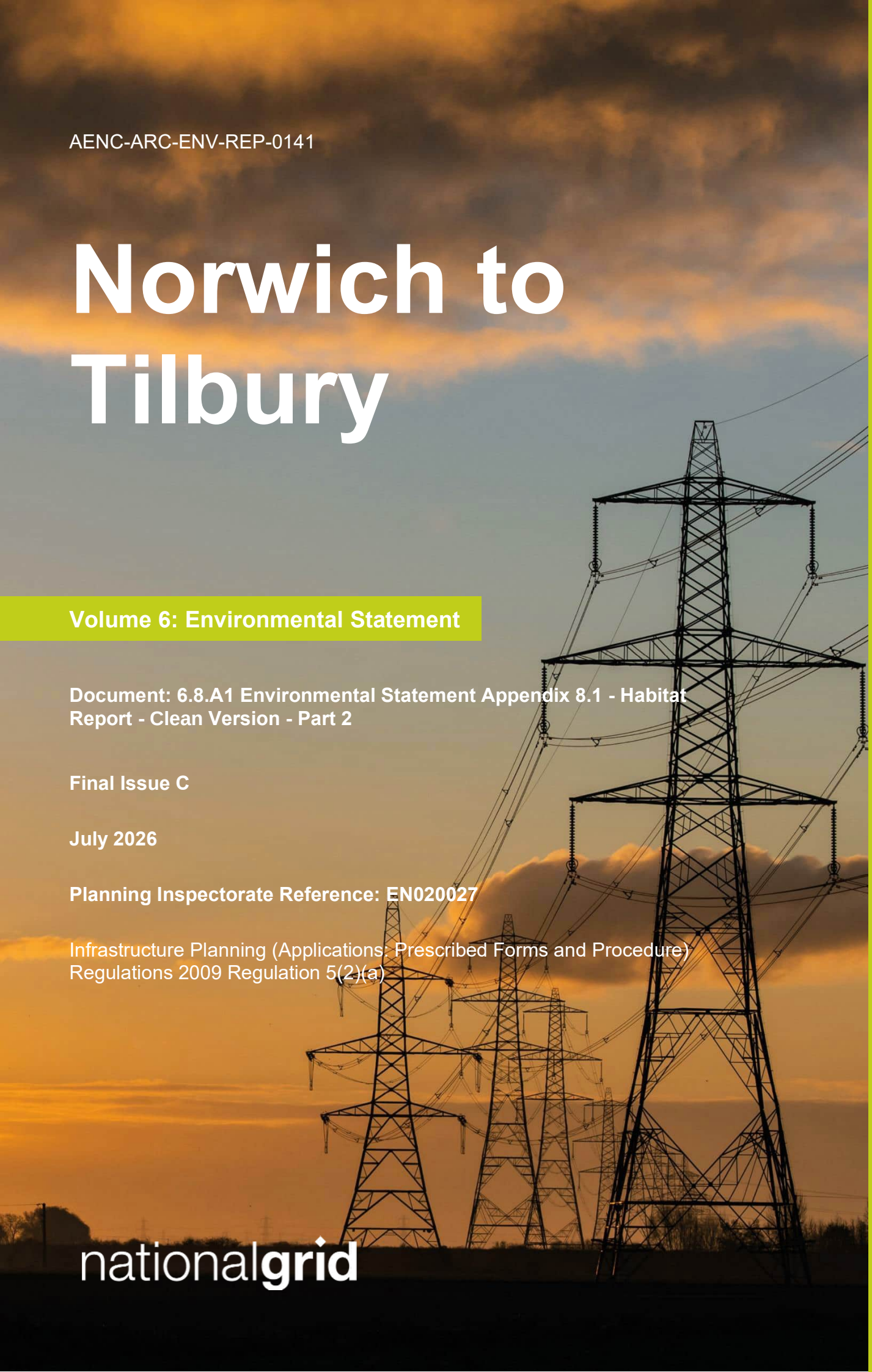

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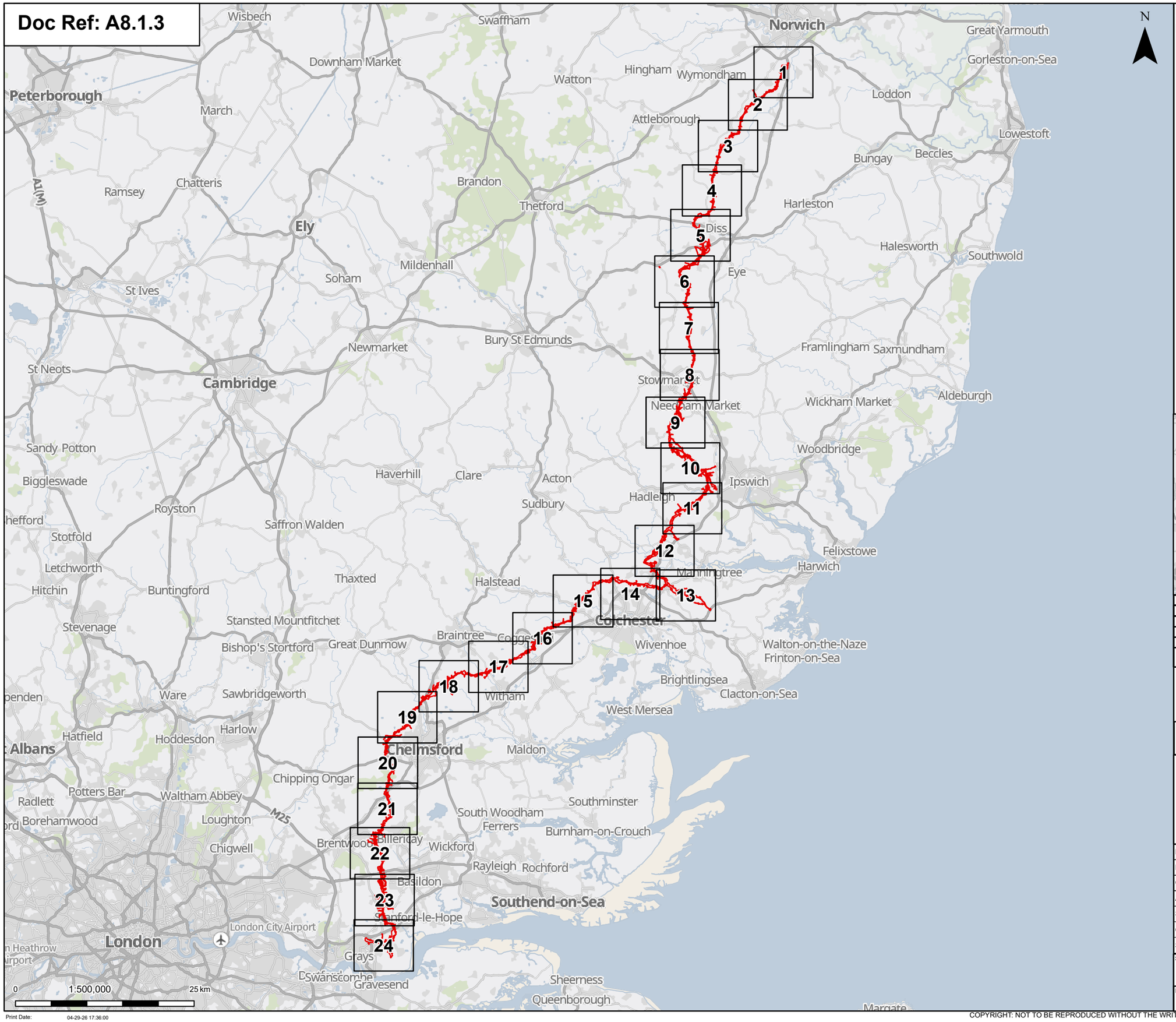
Figure A8.1.3 - Ancient Woodland Locations (Revision C)

Doc Ref: A8.1.3



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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations Overview

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870

Revision: C

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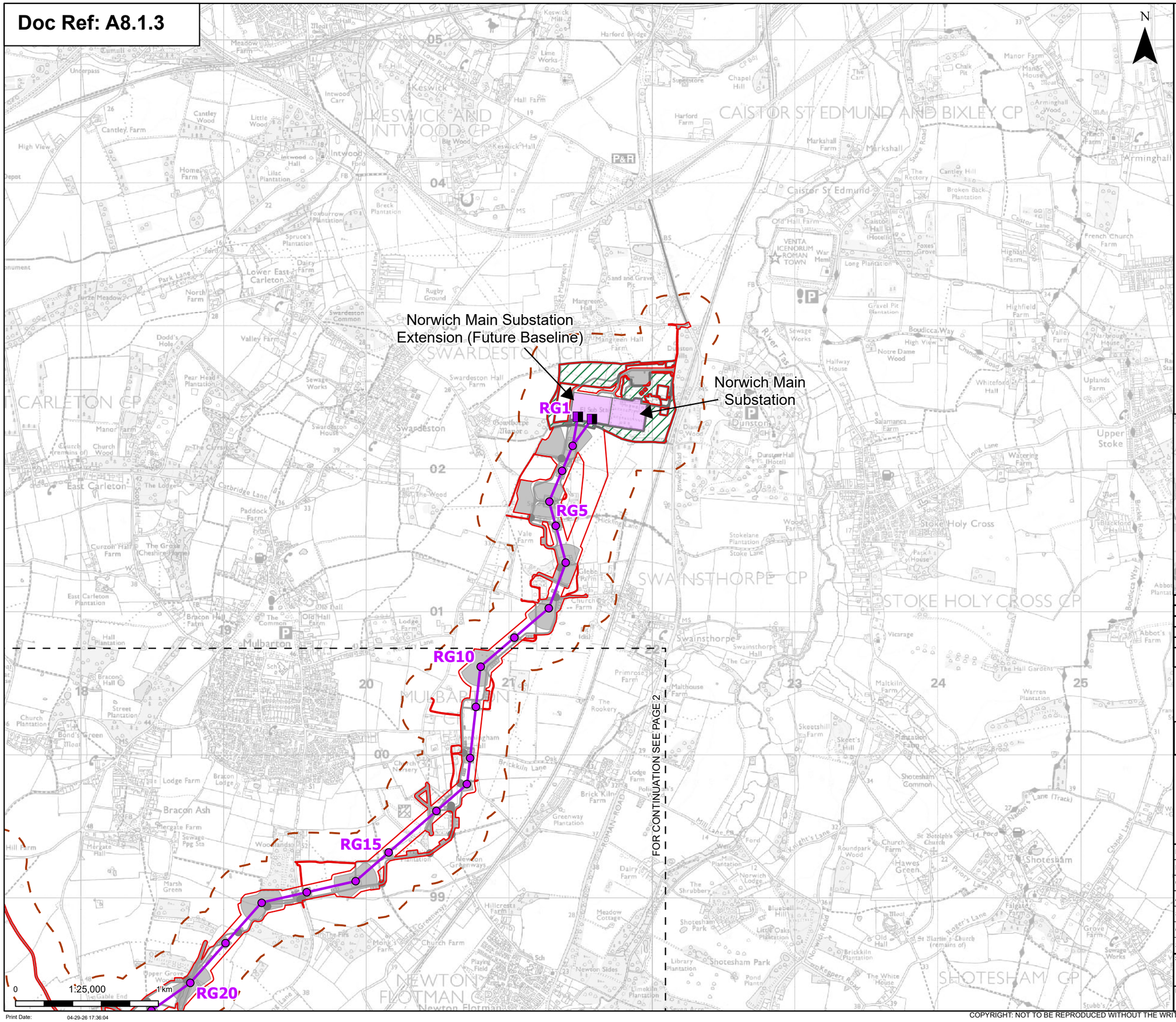

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- Order limits
- Sheet index cutline

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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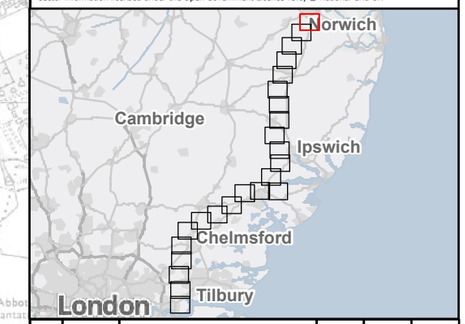

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations Page 1 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870

Revision: C

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RG10

RG15

RG20

RG25

RG30

RG35

FOR CONTINUATION SEE PAGE 1

FOR CONTINUATION SEE PAGE 3

0 1:25,000 1 km

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- Order limits
- Sheet index cutline

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

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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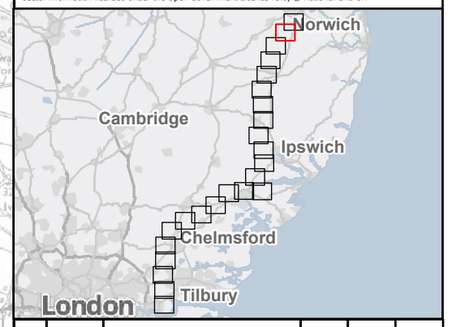

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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RG35

RG40

RG45

RG50

RG55

BUNWELL WOOD

FOR CONTINUATION SEE PAGE 2

FOR CONTINUATION SEE PAGE 4

0 1:25,000 1 km

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N

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

200 m Study Area

Ancient Woodland Sites (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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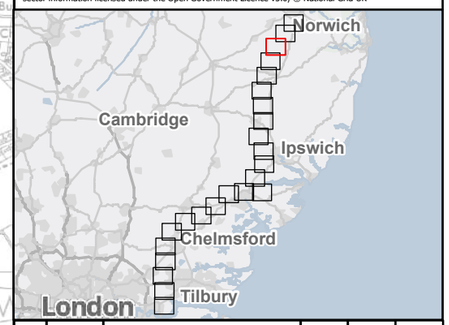

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PROJECT: Norwich to Tilbury

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

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Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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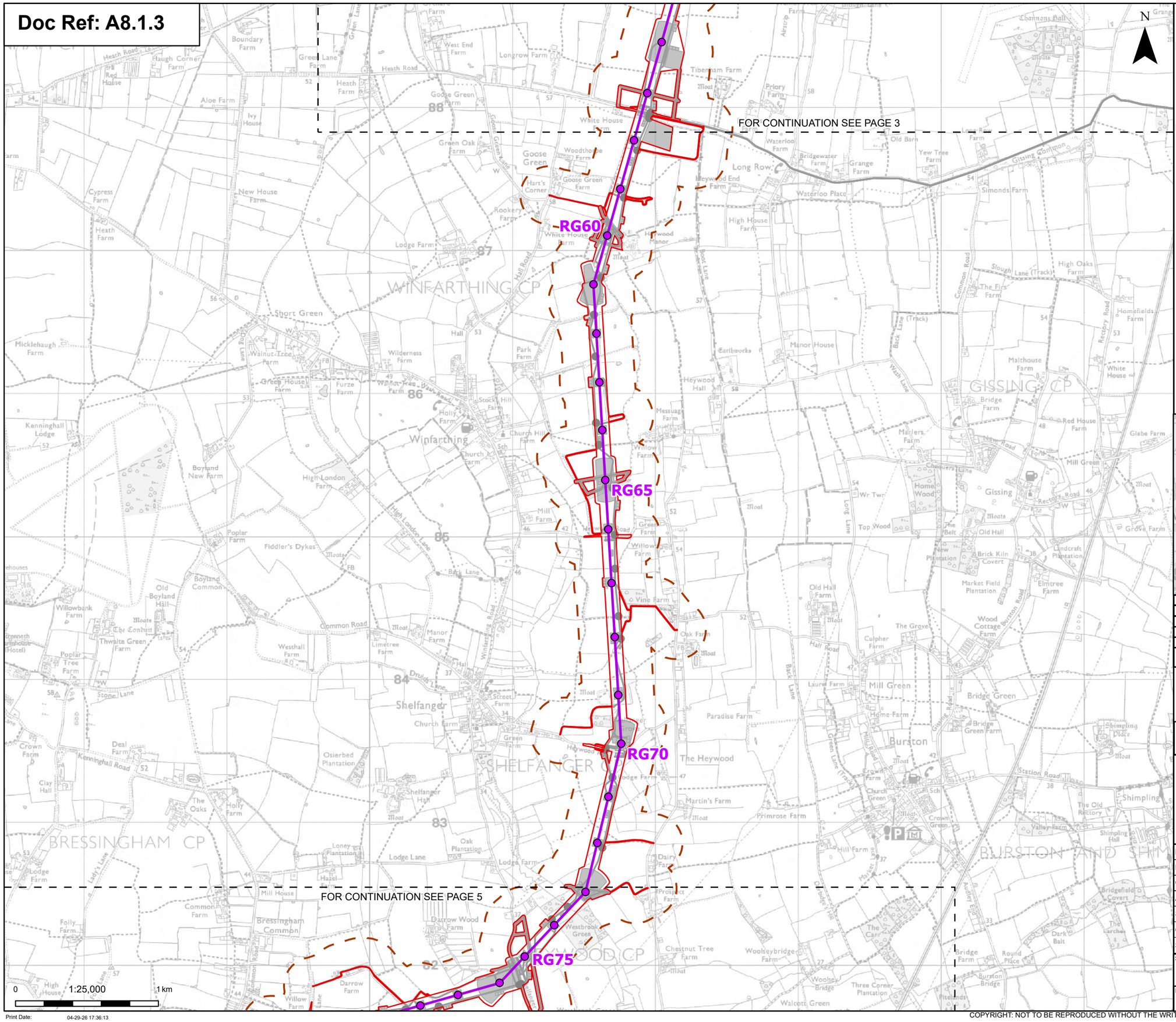

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Order limits

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

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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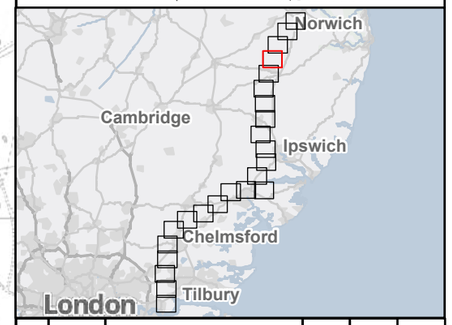

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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Suitability Description:
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RG75

RG80

RG85

RG90

RG95

RG100

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

Section A

Section B

N

0 1:25,000 1 km

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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

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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PROJECT: Norwich to Tilbury

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Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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FOR CONTINUATION SEE PAGE 5

FOR CONTINUATION SEE PAGE 7

RG100
RG105
RG110
RG115
RG120
RG125

BOTESDALE CP
RICKINGHALL SUPERIOR CP
BURGATE CP
MELLIS CP
YAXLEY CP
GISLINGHAM CP
FINNINGHAM CP
WESTHORPE CP
THORNHAM MAGNA CP
THORNHAM PARVA CP
STOKE CP

N

0 1:25,000 1 km

Print Date: 04-29-26 17:36:18

Order limits
Sheet index cutline

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

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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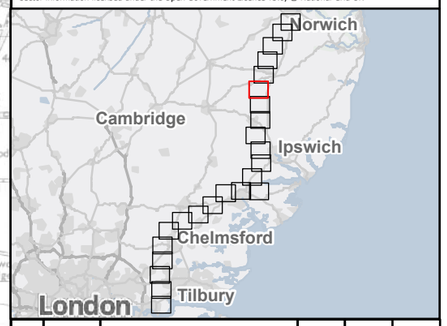

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PROJECT: Norwich to Tilbury

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

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Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 6 of 24

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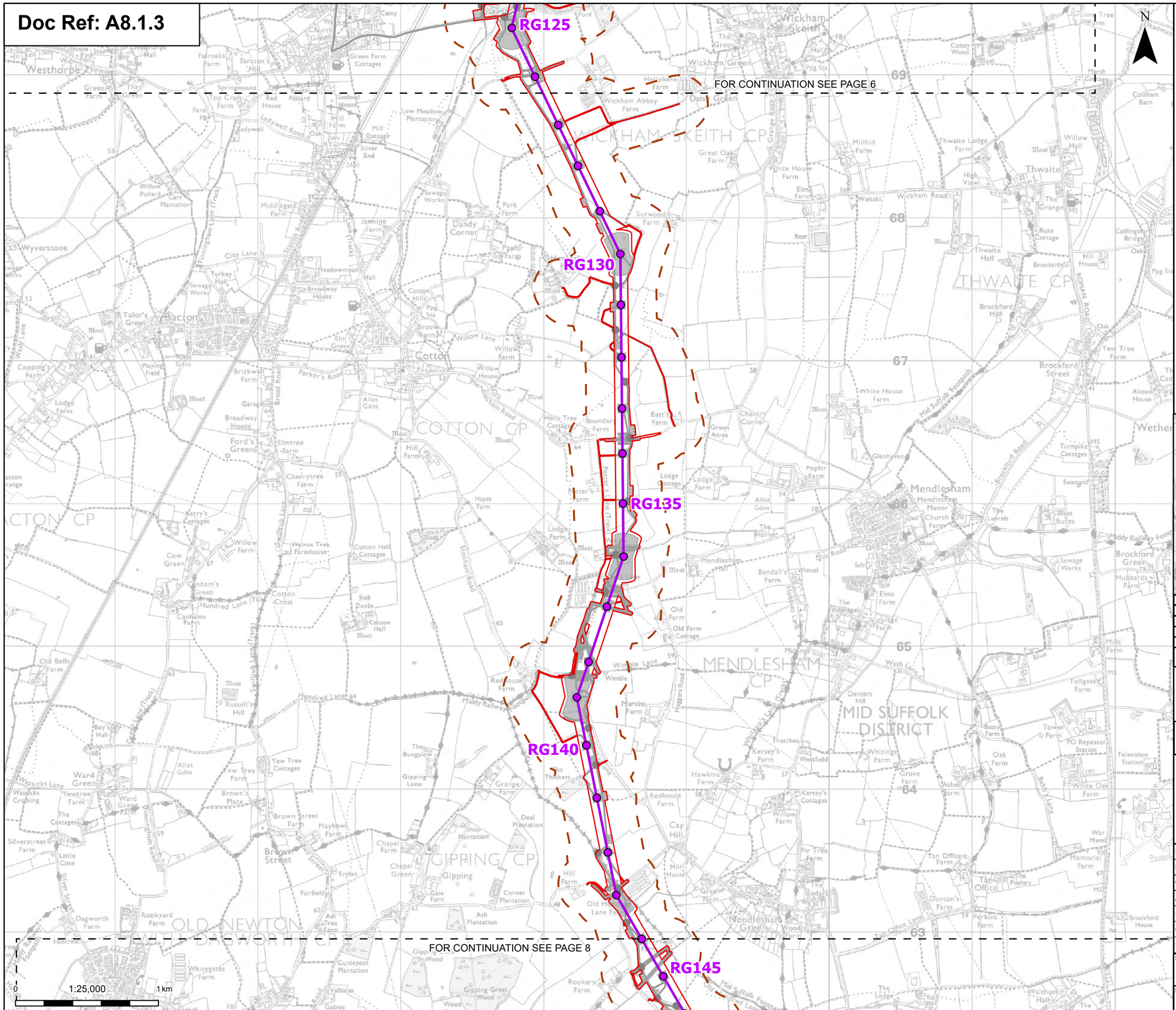
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THWAITE CP
COTTON CP
MENDLESHAM CP
GIPPING CP
MID SUFFOLK DISTRICT
Westhorpe
Wyverstone
Bacton
Cotton
Mendlesham
Thwaite
Wickham Skeith
Wickham Green
Brockford Street
Dandy Corner
Tailor's Green
Ford's Green
Cotton Hills
Gipping
Hill Farm
Wickham Abbey Farm
Surwood Farm
Great Oak Farm
White House Farm
Millhill Farm
Thwaite Lodge Farm
Thwaite Hall
Brockford Hall
Rose Cottage
Willow Hall
Dandy Corner
Park Farm
Middlegate Farm
Jawine Farms
Broadway House
Meadowmead
Turkey Hall
Willow Farm
Willow House
Batt's Farm
Boundary Farm
Holly Tree Cottage
Chantry Corner
Green Acres
Glenhaven
Poplar Farm
Lodge Farm
Lodge Cottage
Hayes Farm
Cherrytree Farm
Kerry's Cottages
Willow Farm
Walnus Tree Farmhouse
Cotton Hall Cottages
Cotton Cross
Canhams Green
Canhams Farm
Old Farm
Old Farm Cottage
Redhouse Farm
Martins Farm
Wimble
Wimble Lane
Hawkins Farm
Kersey's Farm
Kersey's Cottages
Thatches
Thickett
Grange Farm
Gipping Lane
The Bungalow
Deal Plantation
Shop Plantation
Corner Plantation
Ash Plantation
Cay Hill
Mill House
Fir Tree Farm
Green Farm
Chapel Farm
Chapel Green
Gate Farm
Tryfan
Fairfield
Brown Street Farm
Mayhews Farm
Brown's Place
Yew Tree Cottages
Yew Tree Farm
Ward Green
Ward Green Farm
Wassicks Cottages
Yewtree Farm
Silverstreet Farm
Little Cote
Rookyard Farm
Dagworth Farm
Whitegates Farm
Guidepost Plantation
Valhalas
Gipping Great Wood
Gipping Wood
Rookery Farm
Hillcrest
Gables
Bendall's Farm
Hobbies Lane
Old Bells Farm
Russell's Hill
Boy's Hall
Hundred Lane
Middy Railway Footpath
Mid Suffolk Footpath
Stonham Road
Swilltub Lane
Cage Lane
Framingham Lane (Track)
Wickham Road
Broad Road
Parker's Road
Mendlesham Road
Willow Lane
Clay Lane
Wash Lane
Hoppers Road
Whitehouse Lane
Brockford Road
Roman Road
Mill Lane
Yew Tree Farm
Tollgate Farm
Busty Farm
Tower Farm
PO Repeater Station
Television Station
Oak Farm
White Oak Farm
Grove Farm
Ashes Farm
Tan Office
Tan Office Farm
Memorial Farm
Duncan's Farm
Perkins Farm
Brockford House
Brockford Green
Hubbards Farm
Middy Railway Footpath
Mendlesham Manor
Church Farm
The Laurels
The Hollies
Bendall's Farm
Wincel
Elms Farm
The Vicarage
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Denters Hill
Busty Farm
Tollgate

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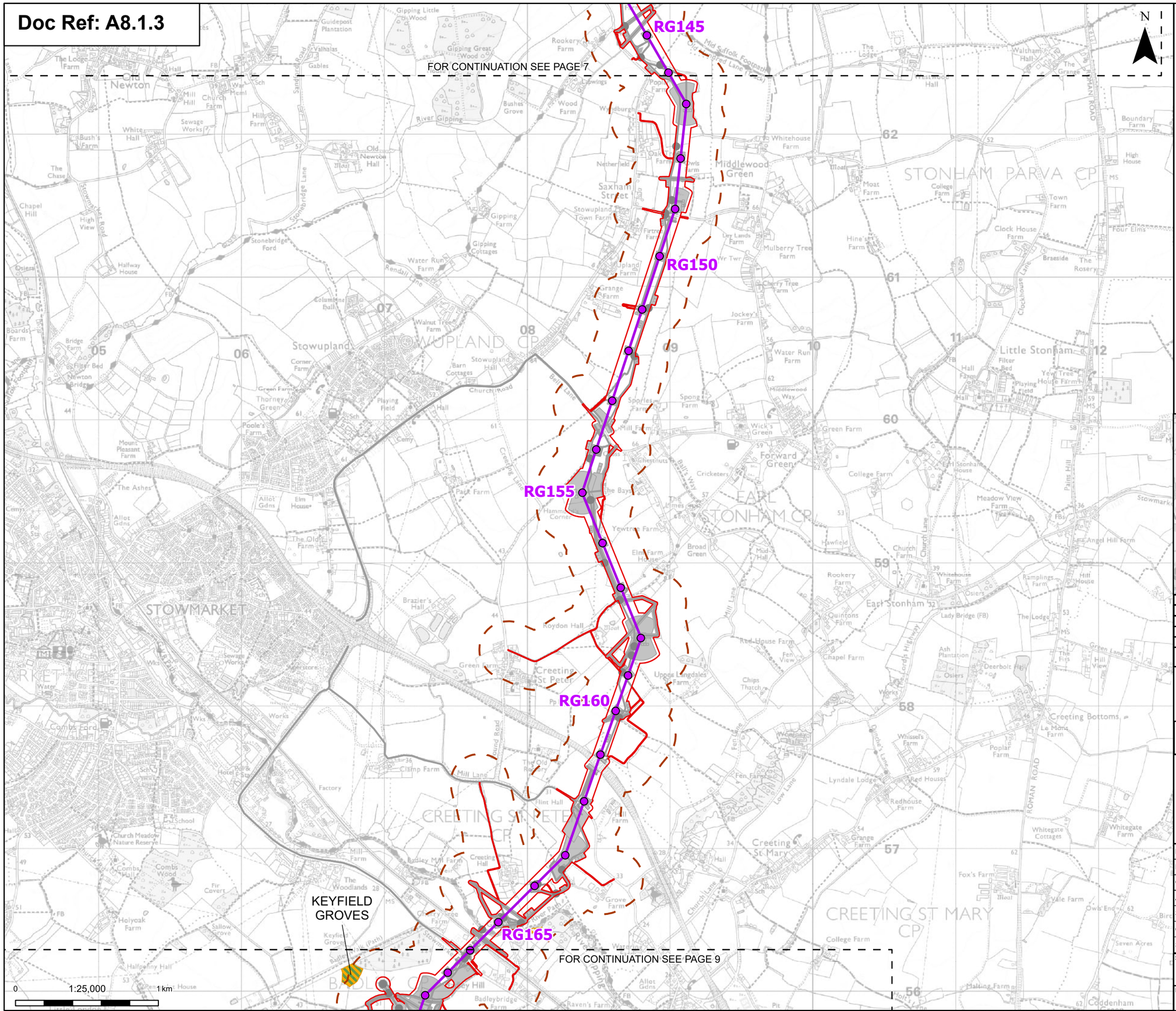
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RG160
RG165
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KEYFIELD GROVES
N
0
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1 km
Old Newton
Stowupland
STOWUPLAND CP
STONHAM PARVA CP
EARL STONHAM CP
CREETING ST MARY CP
CREETING ST PETER CP
STOWMARKET
Saxham Street
Middlewood Green
Little Stonham
Forward Green
Creeting St Mary
Creeting St Peter
Creeting Bottoms
Combs Ford
Badley
Badleybridge
Gipping Great Wood
Gipping Little Wood
River Gipping
Rookery Farm
Wood Farm
Woodburgh
Oak Farm
Owls Farm
Netherfield
Stowupland Town Farm
Fircroft Farm
Ley Lands Farm
Moat Farm
College Farm
Town Farm
Clock House Farm
Hine's Farm
Mulberry Tree Farm
Cherry Tree Farm
Jockey's Farm
Water Run Farm
Grange Farm
Upland Farm
Rendall Farm
Gipping Farm
Gipping Cottages
Stonebridge Ford
Stonebridge Lane
Halfway House
Columbine Hall
Walnut Tree Farm
Corner Farm
Barn Cottages
Stowupland Hall
Church Road
Ball Lane
Spong Farm
Sporles Farm
Mill Farm
Wick's Green
Green Farm
Meadow View Farm
Earl Stonham House
Paine Hill
Church Lane
Lady Bridge (FB)
Quintons Farm
Red House Farm
Chapel Farm
Fen View
Ash Plantation
Deerbolt Hill
Osiers
Hill View
Green Lane
The Firs
Uppe Tingdales Farm
Chips Thatch
Whissel's Farm
Poplar Farm
Lyndale Lodge
Redhouse Farm
Red Houses
Whitegate Cottages
Whitegate Farm
Le Mons Farm
Roydon Hall
Brazier's Hall
Raven's Farm
Badley Hall Farm
Creeting Hall
Flint Hall
Clamp Farm
Mill Lane
Fen Lane
Low Lane
Church Meadow Nature Reserve
Combs Hall
Combs Wood
Fir Covert
Holyoak Farm
Sallow Grove
Halfpenny Hall
Grove Farm
Vale Farm
Owls End
Seven Acres
Coddenham
Halting Farm
Meadow View
Yewtree Farm
Elm Farm House
Broad Green
Mud Hall
Hawfield
Church Farm
Angel Hill Farm
Rookery Farm
Whitehouse Farm
Ramplings Farm
Hill House
Osiers
Lady Bridge (FB)
The Lodge
Ash Plantation
Deerbolt Hill
Chapel Farm
Red House Farm
Fen View
Green Farm
Hall Farm
Boundary Farm
High House
Four Elms
Braeside
The Rosery
Clockhouse Lane
Waltham Hall
The Grange
Westwood Hall
ROMAN ROAD
Mid Suffolk Footpath
Gipping Valley Path
Stowmarket Footpath 44
Stowupland Footpath 8
Stowupland Footpath 7
Stowupland Footpath 6
Stowupland Footpath 5
Stowupland Footpath 4
Stowupland Footpath 3
Stowupland Footpath 2
Stowupland Footpath 1
Creeting St Mary Footpath 1
Creeting St Mary Footpath 2
Creeting St Mary Footpath 3
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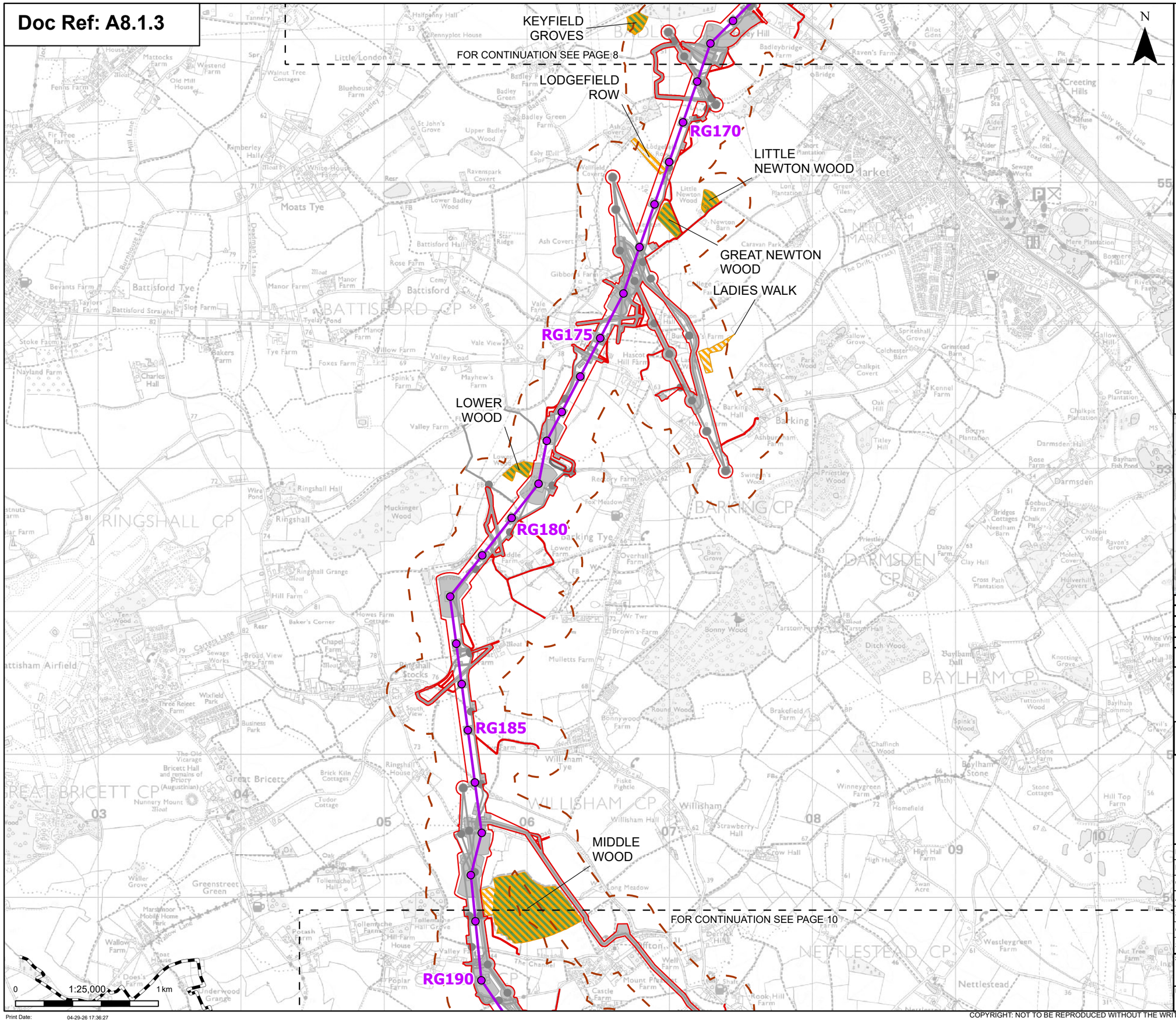

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- 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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Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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Revision: C

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RG190
MIDDLE WOOD
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RG195
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Section B
Section C
DARMSDEN BUSHES
MILLERS WOOD
SOMERSHAM PARK
BUSHEY GROVE
RG205
FORE GROVE
BULLEN WOOD
Bramford Substation
RG210
JC1
JC5
ELM'S GROVE
Proposed substation extension
JC10
ROUND WOOD
BURSTALL LONG WOOD
JC15
FOR CONTINUATION SEE PAGE 11
0 1:25,000 1 km

N

- Order limits
- Sheet index cutline
- 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)

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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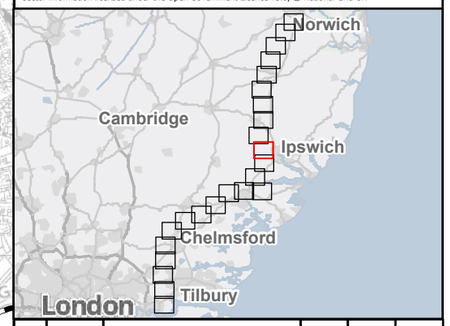

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B	Mar 2026	FOR DCO APPLICATION	KF	AF	KB
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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 10 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870
Revision: C

Print Date: 04-29-26 17:36:30

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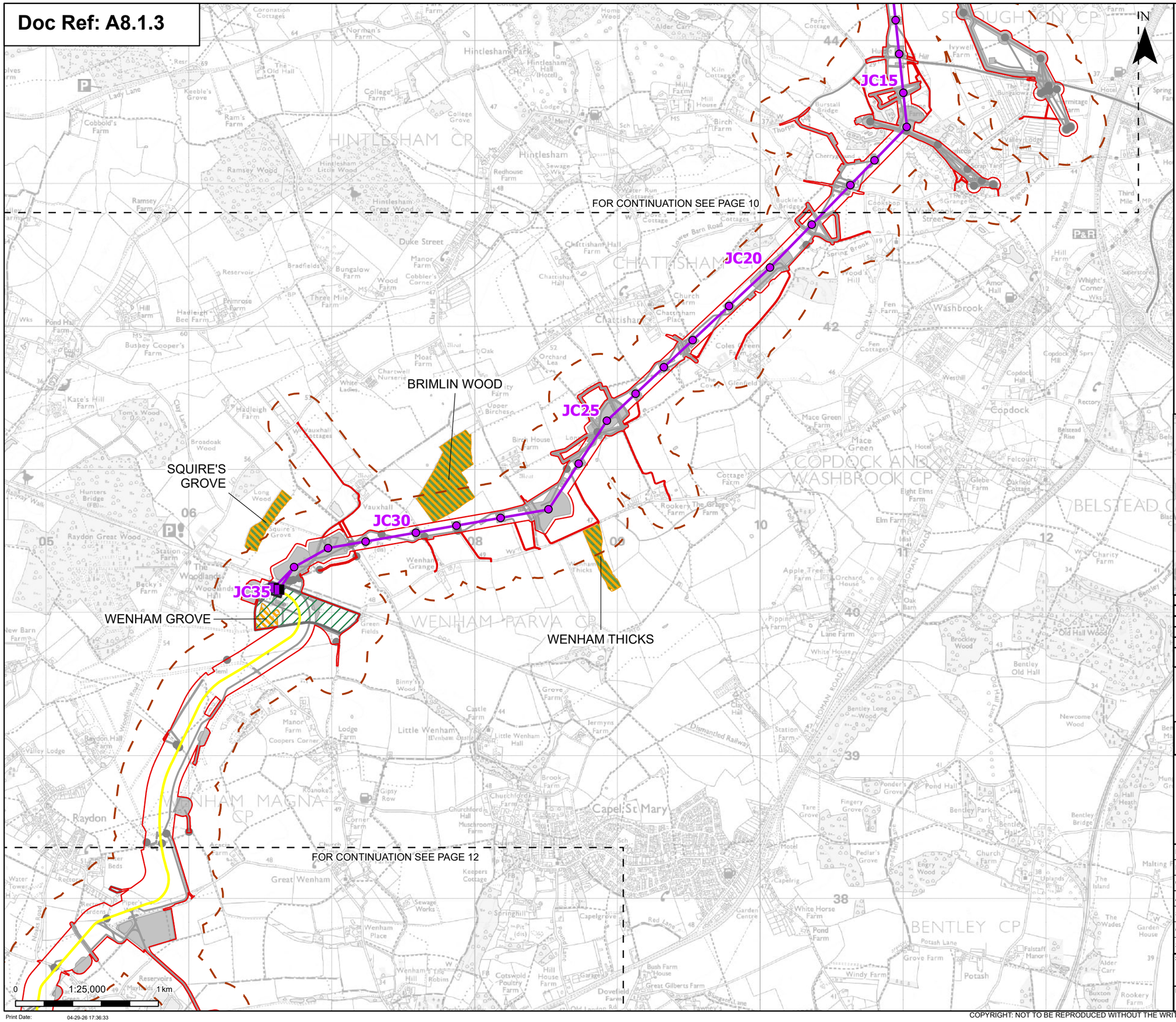
Doc Ref: A8.1.3


JC15
JC20
JC25
JC30
JC35
BRIMLIN WOOD
SQUIRE'S GROVE
WENHAM GROVE
WENHAM THICKS
FOR CONTINUATION SEE PAGE 10
FOR CONTINUATION SEE PAGE 12
HINTLESHAM CP
CHATTISHAM CP
COPDOCK AND WASHBROOK CP
BELSTEAD CP
WENHAM PARVA CP
WENHAM MAGNA CP
BENTLEY CP
SPROUGHTON CP
Capel St Mary
Great Wenham
Little Wenham
Washbrook
Copdock
Hintlesham
Chattisham
Raydon
Hintlesham Park
Duke Street
Hadleigh
Bentley
Lady Lane
Hintlesham Hall (Hotel)
Hintlesham Great Wood
Hintlesham Little Wood
Ramsey Wood
Raydon Great Wood
Brimlin Wood
Squire's Grove
Wenham Thicks
Wenham Grange
Wenham Hall
Wenham Castle
Wenham Place
Chattisham Hall
Chattisham Place
Copdock Hall
Bentley Hall
Bentley Old Hall
Bentley Park
Bentley Long Wood
Brockley Wood
Old Hall Wood
Newcome Wood
Engry Wood
Fingery Grove
Tare Grove
Ramsey Farm
Cobbold's Farm
Bushey Cooper's Farm
Kate's Hill Farm
Pond Hall Farm
Three Mile Farm
Hadleigh Bee Farm
Primrose Farm
Bungalow Farm
Manor Farm
Cobbler's Corner
Wood Farm
Moat Farm
Orchard Lea
Chartwell Nurseries
White Ladies
Hadleigh Farm
Broadoak Wood
Tom's Wood
Clay Lane
Clay Hill
Lower Barn Road
Woodlands Road
Roman Road
Dismantled Railway
Old London Rd
Lady Lane
Ivywell Farm
Burstall Bridge
Cherry Tree Farm
Buckle's Bridge
Cooksmap Cottage
Sprine Brook
Wood's Hill
Church Farm
Fen Farm
Fen Cottages
Mace Green Farm
Mace Green
Westhill
Copdock Mill
Amor Hall
Wright's Corner
Hill Farm
Rectory
Belstead Rise
Felcourt
Glebe Farm
Oakfield Cottage
Eight Elms Farm
Elm Farm
Rookery Farm
The Grange Farm
Cottage Farm
Apple Tree Farm
Orchard House
Oak Barn
Pippins Farm
Lane Farm
White House
Charity Farm
Bentley Bridge
Pond Hall
Pedlar's Grove
Church Farm
Capelrig
Capelgrove
White Horse Farm
Pond Farm
Potash Lane
Grove Farm
Windy Farm
Falstaff Manor
Potash
Alder Carr
Buxton Wood
Rookery Farm
Bush Farm House
Great Gilberts Farm
Dovefield Farm
Hill House Farm
Cotswold Poultry Farm
Garage
Garden Centre
Keepers Cottage
Springhill
Pound Lane
Red Lane
Wenham Hill
The Robins
Sewage Works
Reservoirs
Water Tower
Rectory Gardens
Rectory Farm
Church Farm
Churchford Farm
Churchford Hall
Mushroom Farm
Jermyns Farm
Castle Farm
Clay Hall
Station Farm
Ponder's Grove
Pedlar's Grove
Engry Wood
Bentley Park
Bentley Hall
Bentley Bridge
Church Farm
The Uplands
The Island
The Wades
Garden House
Newcome Wood
Old Hall Wood
Brockley Wood
Bentley Old Hall
Bentley Long Wood
Pond Hall
Fingery Grove
Tare Grove
Engry Wood
Capel Rig
Capelgrove
Red Lane
Springhill
Pound Lane
Keepers Cottage
Garden Centre
Potash Lane
Grove Farm
Windy Farm
Falstaff Manor
Potash
Alder Carr
Buxton Wood
Rookery Farm
Bush Farm House
Great Gilberts Farm
Dovefield Farm
Hill House Farm
Cotswold Poultry Farm
Garage

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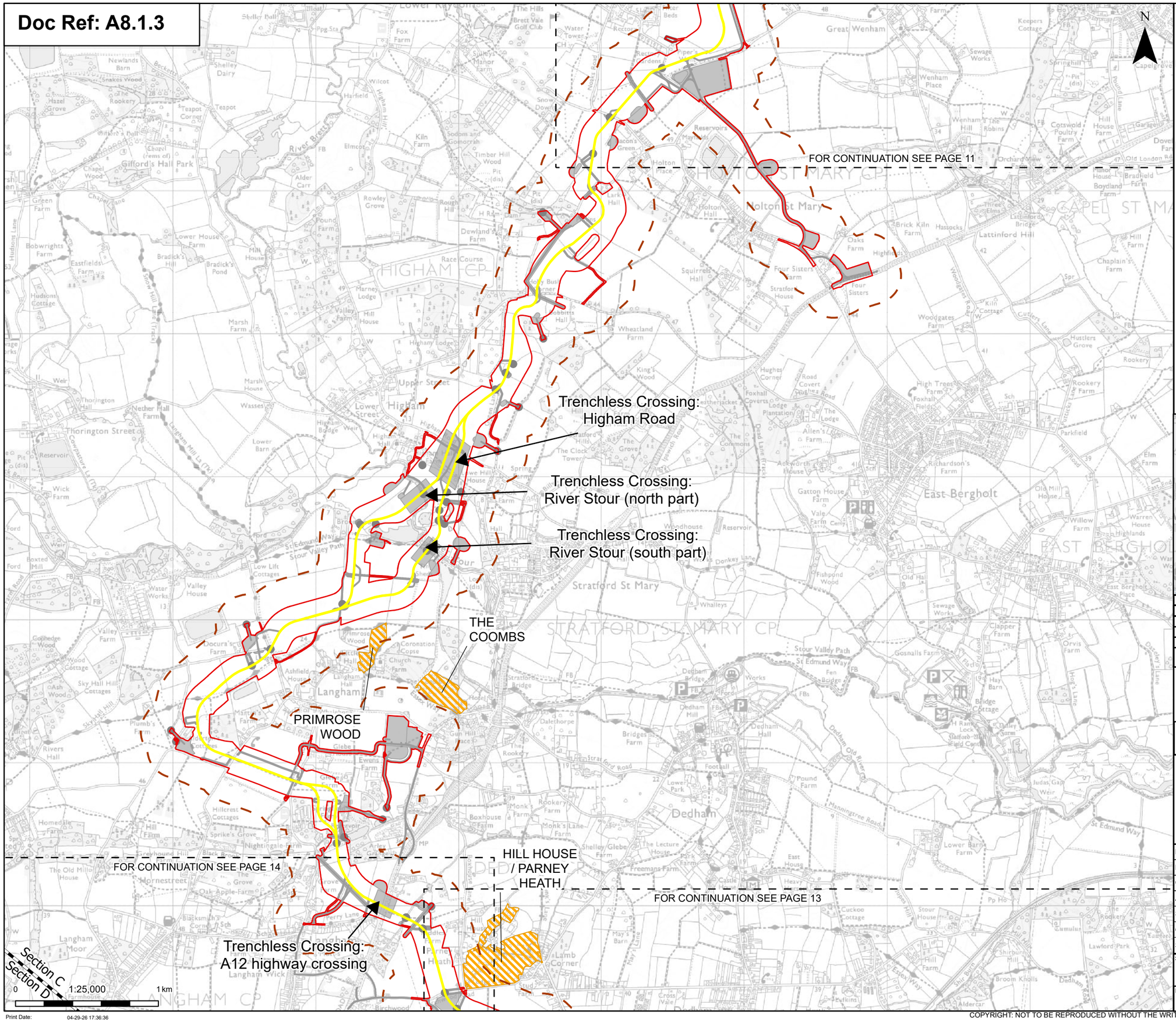

Order limits
Sheet index cutline
Project section line

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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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 12 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870
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HILL HOUSE / PARNEY HEATH

FOR CONTINUATION SEE PAGE 12

FOR CONTINUATION SEE PAGE 14

Trenchless Crossing: Railway crossing (east of Ardleigh)

Proposed EACN Substation

TB1

TB5

TB10

TB15

Section D

Section C

0 1:25,000 1 km

N

- Order limits
- Sheet index cutline
- 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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PROJECT: Norwich to Tilbury

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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00870

Revision: C

Print Date: 04-29-26 17:36:39

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HARROW CORNER

TB30

TB25

TB20

Trenchless Crossing: A12 highway crossing

HILL HOUSE / PARNEY HEATH

Section C

Section D

FOR CONTINUATION SEE PAGE 12

UNNAMED WOODLAND (NORTH - WEST OF GREAT HORKESLEY)

HORKESLEY PLANTATION

FOR CONTINUATION SEE PAGE 15

UNNAMED WOODLAND (NEAR PYLONS TB23 AND TB24)

FOR CONTINUATION SEE PAGE 13

N

0 1:25,000 1 km

Order limits
Sheet index cutline
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 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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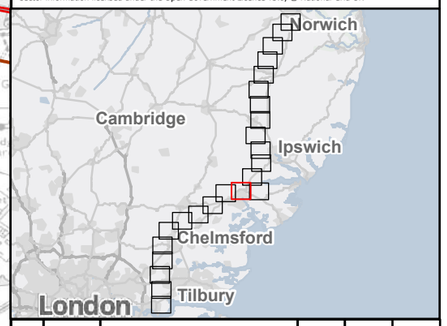

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PROJECT: Norwich to Tilbury

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

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Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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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-00870

Revision: C

Print Date: 04-29-26 17:36:42

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TB35
TB40
TB45
TB50
TB55
TB60

UNNAMED WOODLAND (NORTH - WEST OF GREAT HORKESLEY)

UNNAMED WOODLAND (EAST OF FORDHAM)

FIDDLERS WOOD

CHURCHHOUSE WOOD

ALDAMHALL WOOD

STONEFIELD STRIP

FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 16

0 1:25,000 1 km

N

Order limits
Sheet index cutline

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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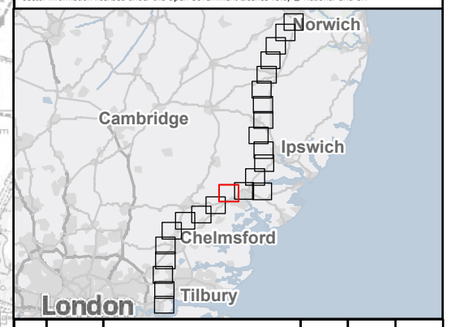

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 15 of 24

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Approved	K. Burrows	Date	May 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-00870
Revision: C

Print Date: 04-29-26 17:36:47

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TB60
TB65
TB70
TB75
TB80
TB85

CHURCHHOUSE WOOD
SPARROW GROVE
STONEFIELD STRIP

FOR CONTINUATION SEE PAGE 15
FOR CONTINUATION SEE PAGE 17

Section D
Section E

FELIX
HALL- THE WILDERNESS

0 1:25,000 1 km

N

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

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)

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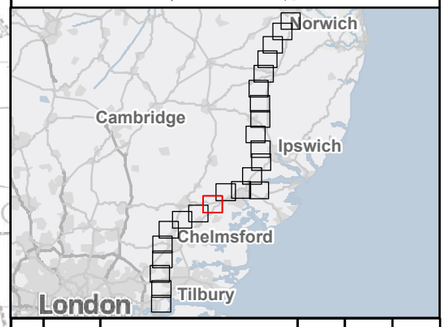

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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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-00870
Revision: C

Print Date: 04-29-26 17:36:51

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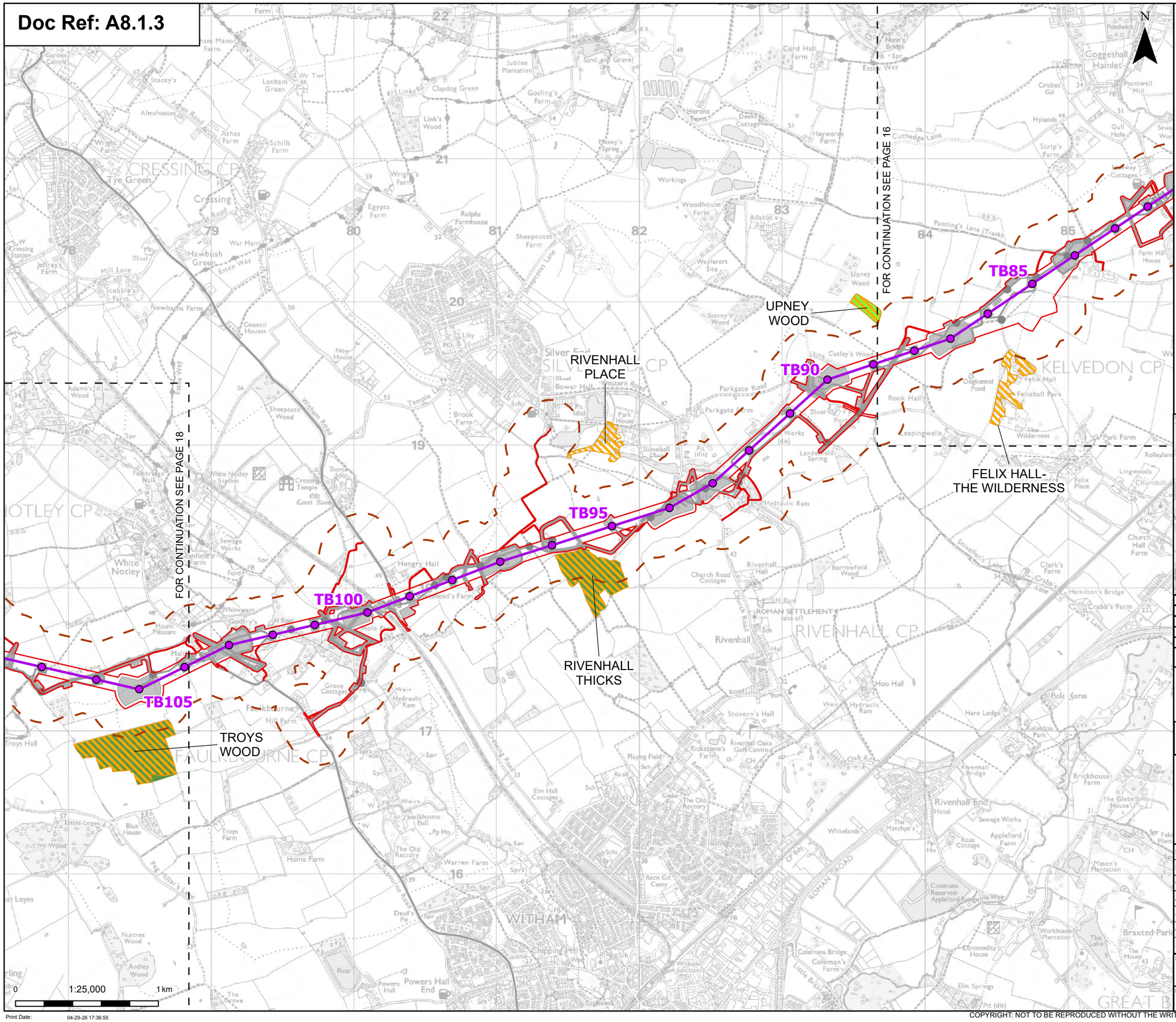
Doc Ref: A8.1.3



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

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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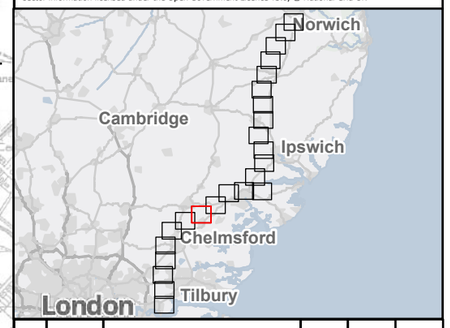

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PROJECT: Norwich to Tilbury

Planning Inspectorate App Number: EN020027
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Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 17 of 24

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Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00870

Revision: C

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MANN/PARSON'S WOOD

TB115

TB110

TB120

HALLHOOK ROW

TB105

GALLEYCABLE WOOD

TROYS WOOD

TB125

TERLING SPRING

SANDY WOOD

TB130

TB135

LYONSHALL WOOD

SHEEPCOTES WOOD

FOR CONTINUATION SEE PAGE 17

FOR CONTINUATION SEE PAGE 19

Section F

Section F

0 1:25,000 1 km

N

- Order limits
- Sheet index cutline
- 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
- 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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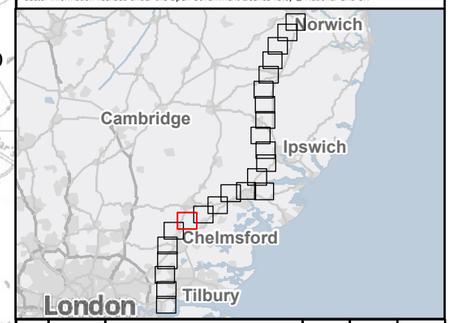

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PROJECT: Norwich to Tilbury

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

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Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00870

Revision: C

Print Date: 04-29-26 17:36:59

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Doc Ref: A8.1.3

TB135
TB140
TB145
TB150
TB155
TB160

LYONSHALL WOOD
SHEEPCOTES WOOD
BORDER WOOD
SPARROWHAWK WOOD
BUSHEY WOOD

FOR CONTINUATION SEE PAGE 18
FOR CONTINUATION SEE PAGE 20

N

0 1:25,000 1 km

Print Date: 04-29-26 17:37:03

- Order limits
- Sheet index cutline

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
- 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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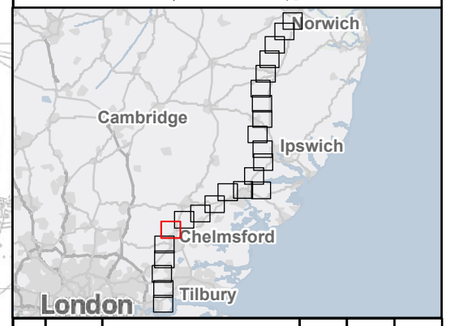

Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Mar 2026	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	NB	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 19 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870
Revision: C

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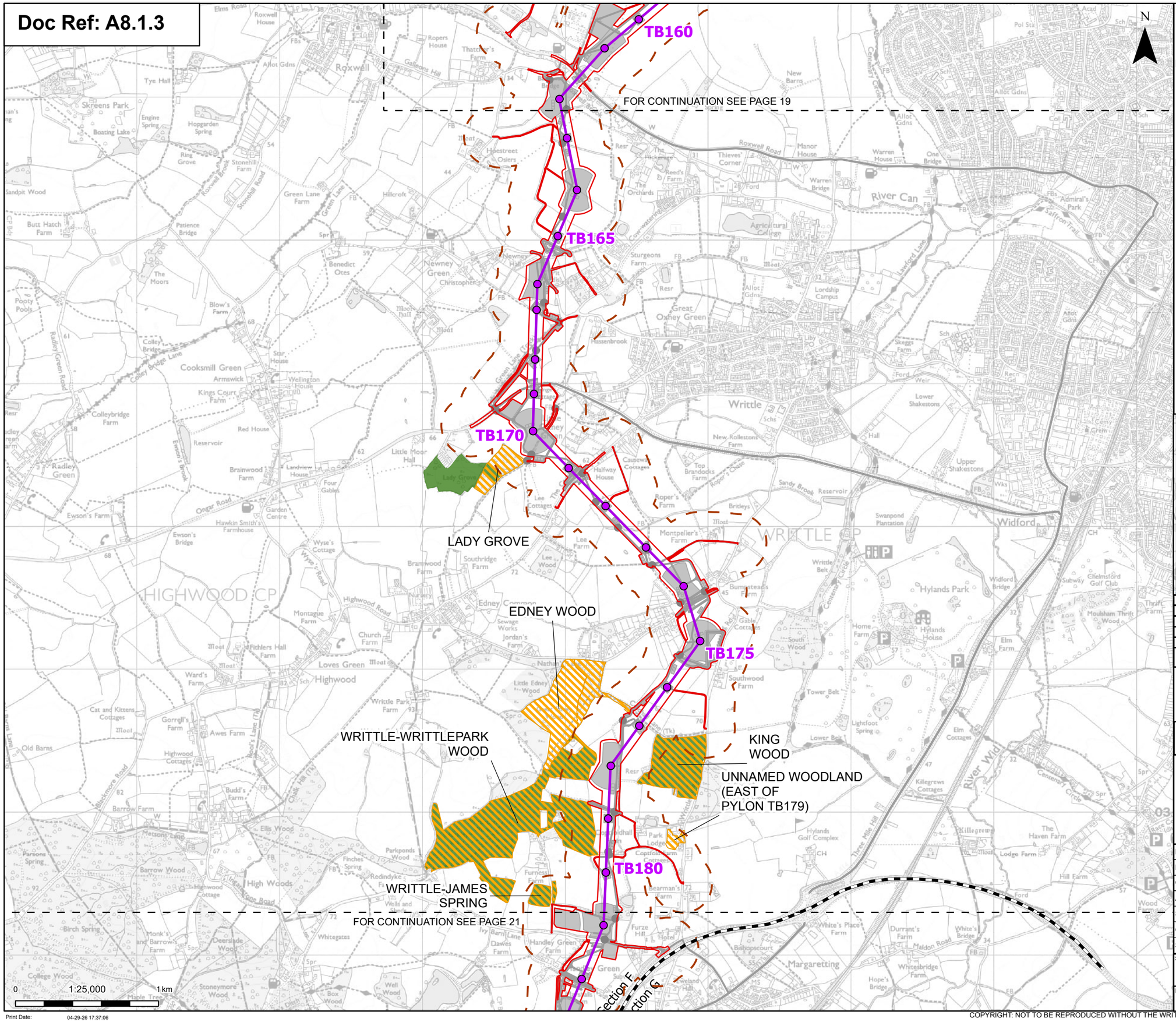

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- 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	NB	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 20 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870
Revision: C

Print Date: 04-29-26 17:37:06

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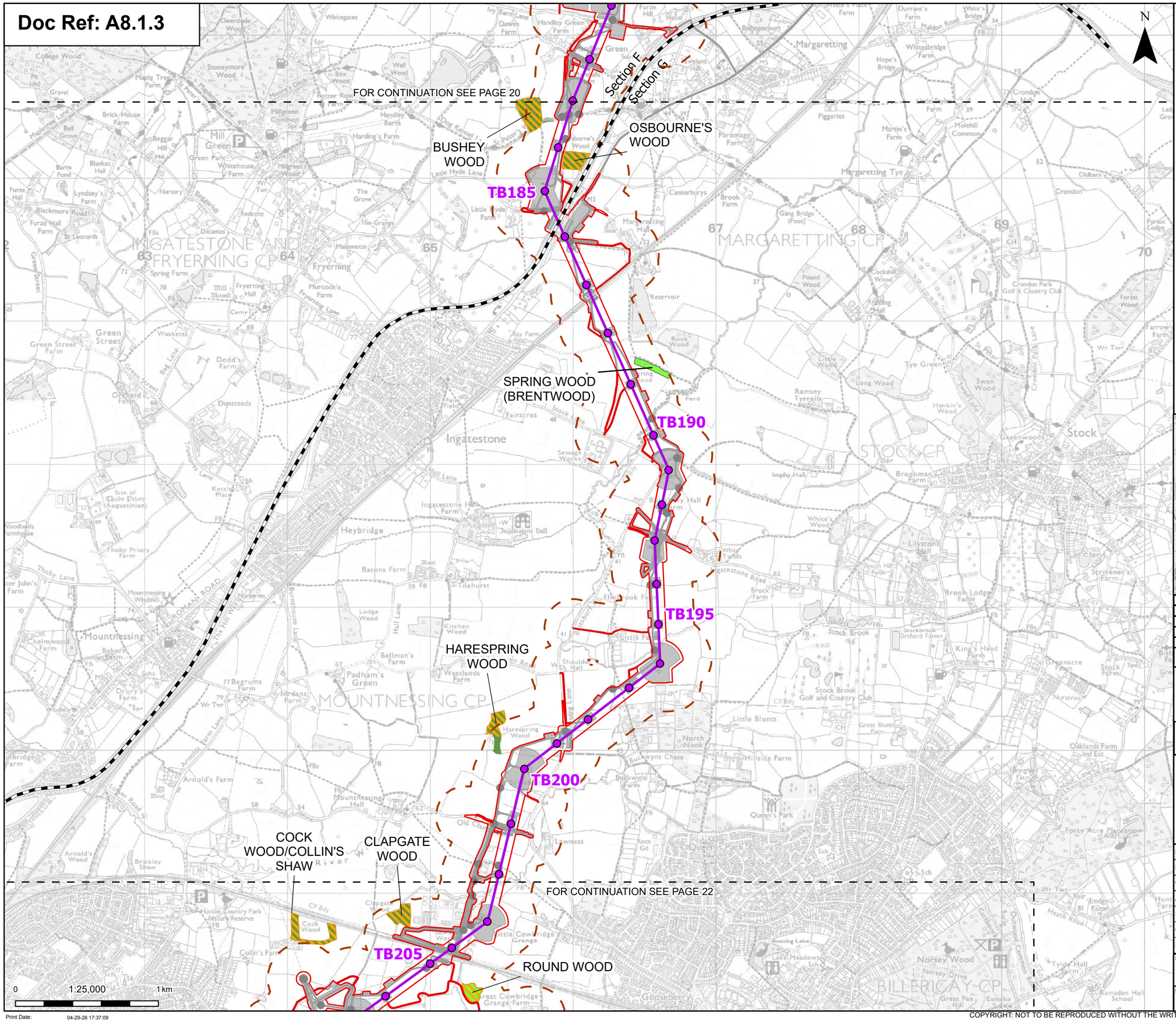
Doc Ref: A8.1.3



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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870

Revision: C

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CLAPGATE WOOD

COCK WOOD/COLLIN'S SHAW

TB205

FOR CONTINUATION SEE PAGE 21

ROUND WOOD

TB210

JAMES'S WOOD

UNNAMED WOODLAND NORTH EAST OF BLADEN'S WOOD

PRIMSTOCK

BLADEN'S WOOD

LITTLE BLADEN'S WOOD

TB215

BOTNEYHILL WOOD

ST MARGARET'S WOOD AND LANE

PARKHILL WOOD

TB220

GRAVELPIT WOOD

FRIERN MANOR WOOD

TB225

FOR CONTINUATION SEE PAGE 23

0 1:25,000 1 km

Print Date: 04-29-26 17:37:12

N

- 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

- 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	NB	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870

Revision: C

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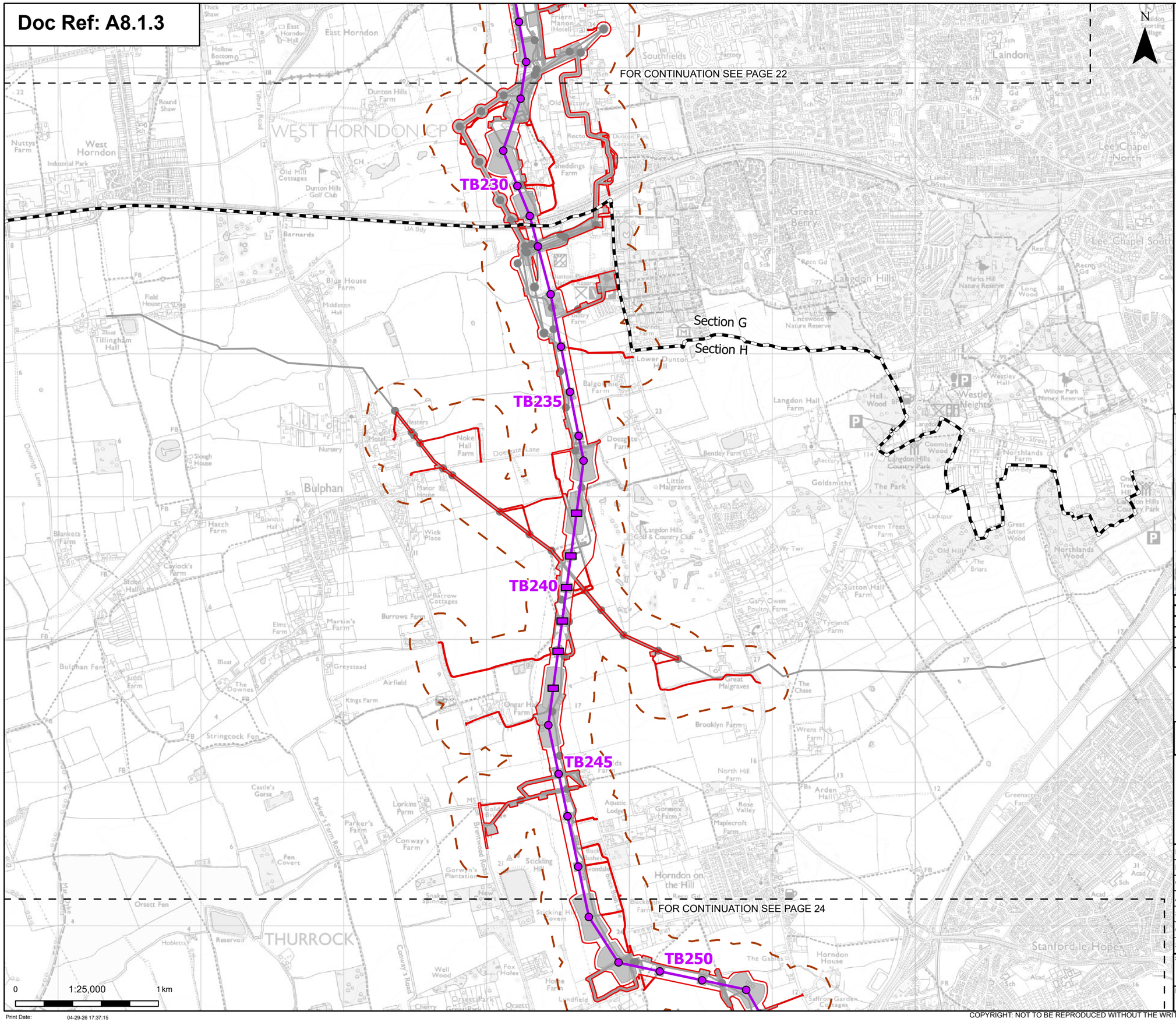

Order limits
Sheet index cutline
Project section line

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	NB	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 23 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870
Revision: C

Print Date: 04-29-26 17:37:15

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FOR CONTINUATION SEE PAGE 23

TB250

TB255

TB260

Proposed Tilbury North Substation

YYJ115

ZB20

YYJ120

ZB15RA

RAINBOW WOOD

ASHEN SHAW

YYJ125R

ZB10

YYJ130

N

0 1:25,000 1 km

Print Date: 04-29-26 17:37:18

Proposed project design details

- Order limits
- Sheet index cutline
- 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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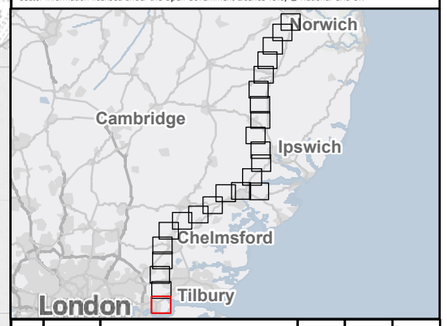

Rev	Date	Description	Drawn	Check	Approv
C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Mar 2026	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	NB	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.3 - Ecology and Biodiversity - Ancient Woodland Locations
Page 24 of 24

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00870

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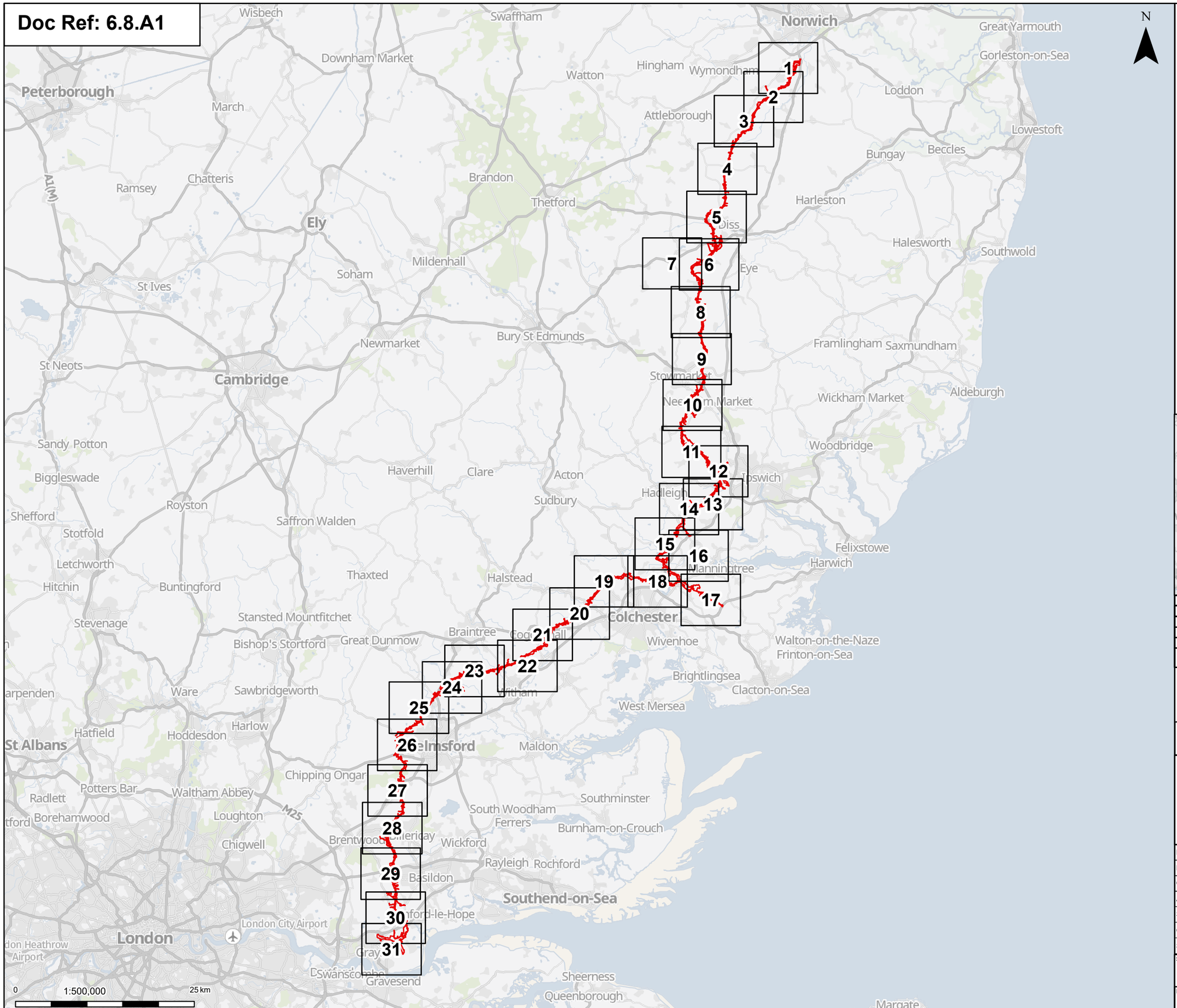
Figure A8.1.4 - Groundwater Dependant Terrestrial Ecosystems (Revision B)

Doc Ref: 6.8.A1



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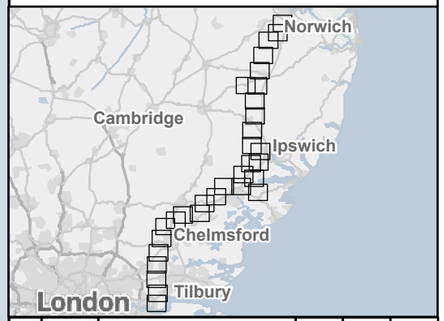

Rev	Date	Description	Drawn	Check	Approv
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE) Overview

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

Print Date: 04-24-26 13:45:13

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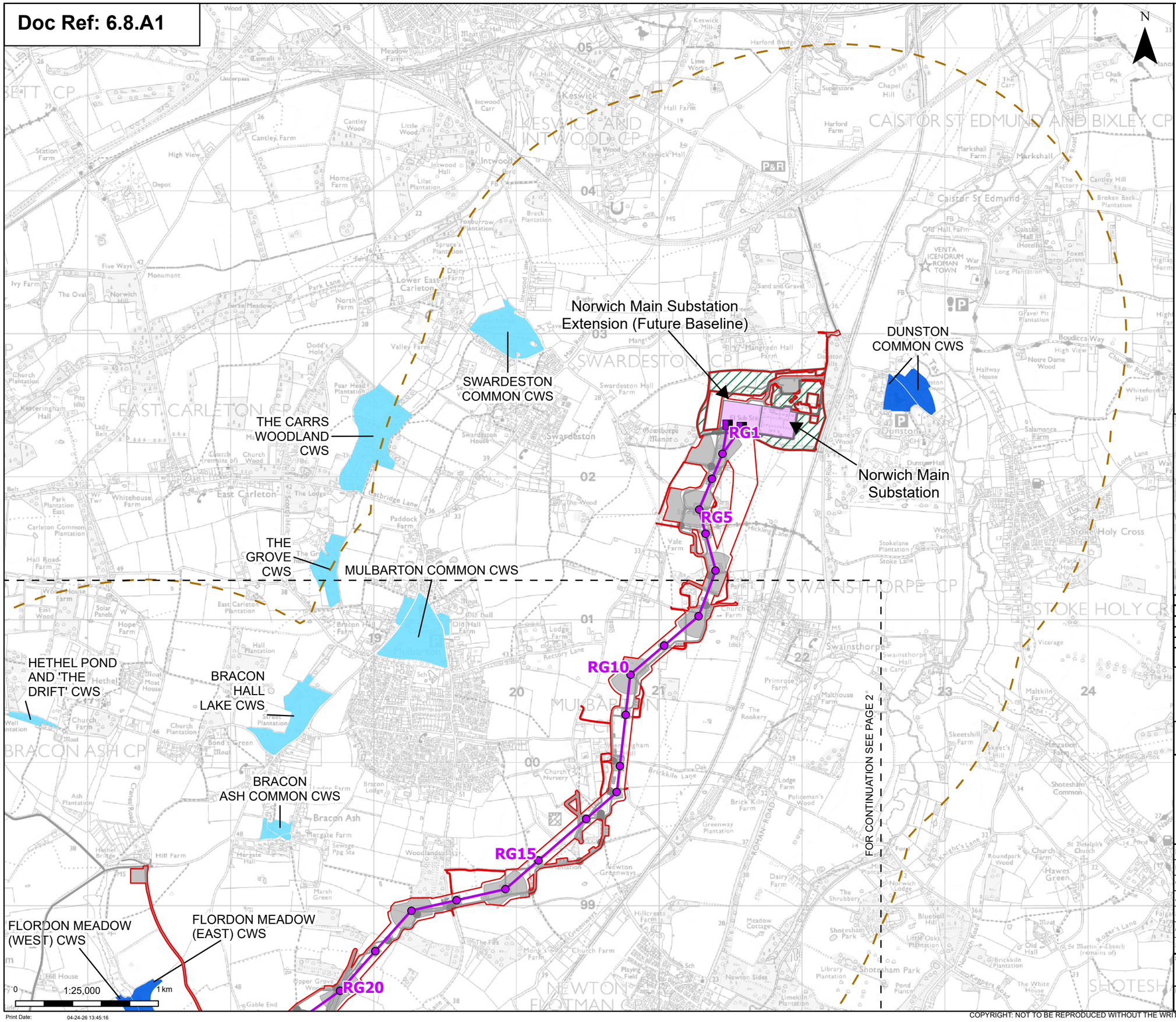
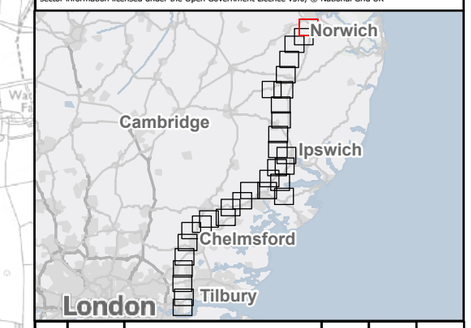
Doc Ref: 6.8.A1





- Order limits
- Sheet index cutline

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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE) Page 1 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

Print Date: 04-24-26 13:45:16

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Doc Ref: 6.8.A1

THE GROVE CWS

BRACON HALL LAKE CWS

MULBARTON COMMON CWS

HETHEL POND AND 'THE DRIFT' CWS

BRACON ASH COMMON CWS

RG10

RG15

FLORDON MEADOW (WEST) CWS

FLORDON MEADOW (EAST) CWS

WRENINGHAM MARSH CWS

RG20

FOR CONTINUATION SEE PAGE 1

THE GRANGE, WRENINGHAM CWS

FLORDON COMMON SSSI

RG25

FOR CONTINUATION SEE PAGE 3

RG30

BAYES MEADOW CWS

HAPTON COMMON CWS

HORSEFORD MEADOW CWS

SPRING MEADOW CWS

RG35

0 1:25,000 1 km

Print Date: 04-24-26 13:45:20

N

Order limits

Sheet index cutline

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

2 km Study Area

GWDTE that are hydrologically linked to the project

GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

SSSI - Sites of Special Scientific Interest

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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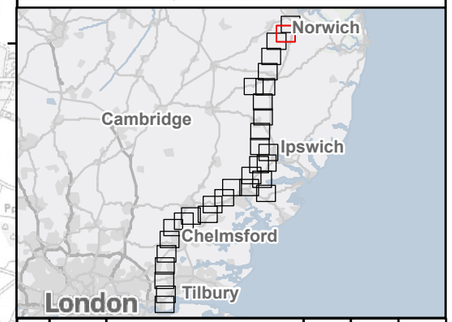

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B	May 2026	FOR DCO APPLICATION	NB	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

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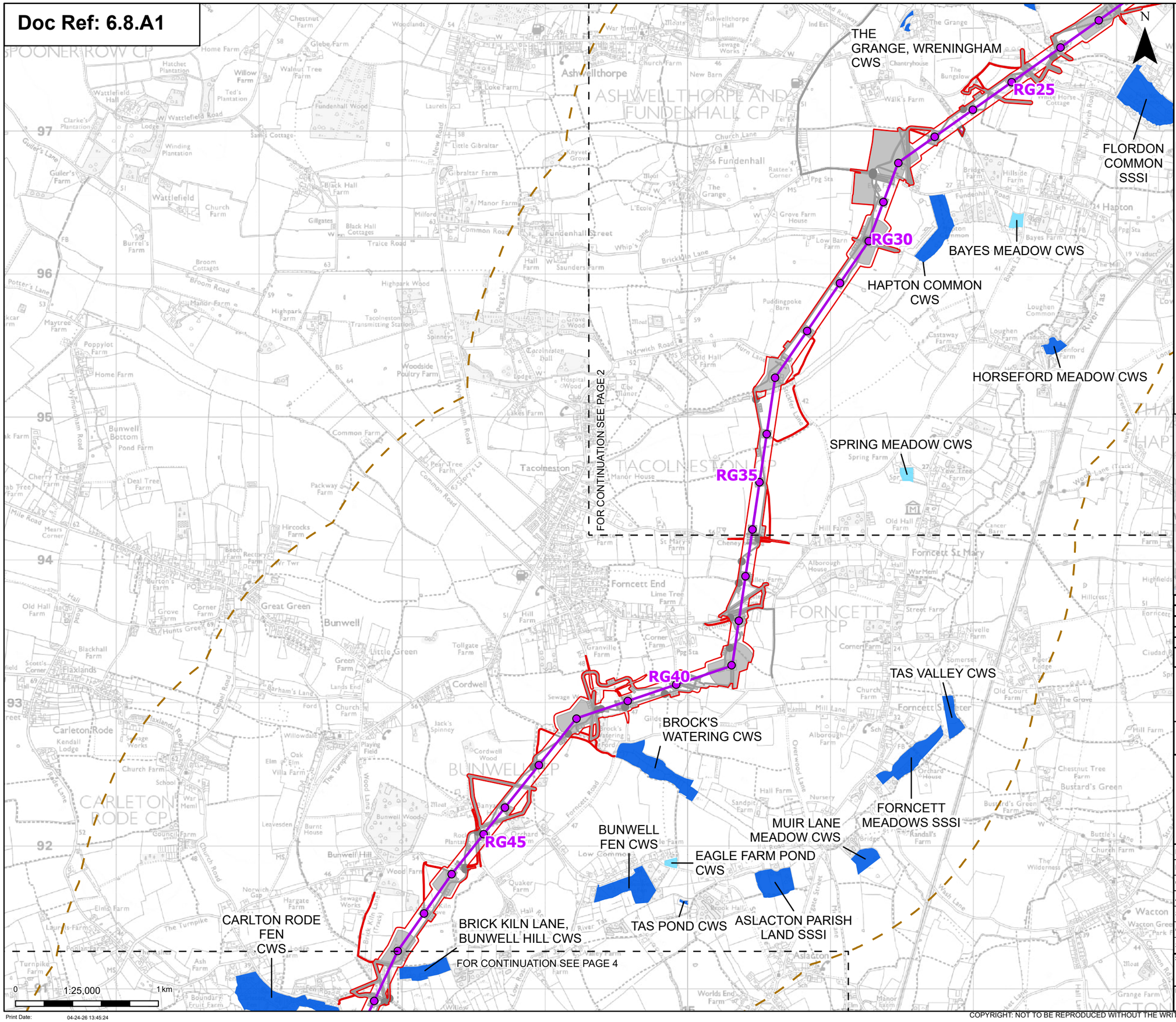

Order limits

Sheet index cutline

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

2 km Study Area

GWDTE that are hydrologically linked to the project

GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

SSSI - Sites of Special Scientific Interest

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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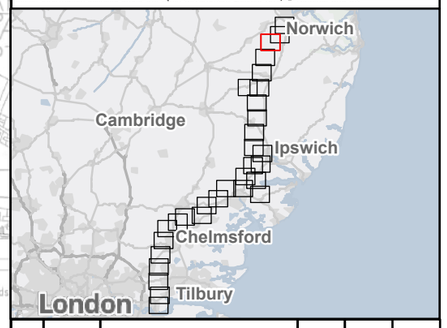

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

Print Date: 04-24-26 13:45:24

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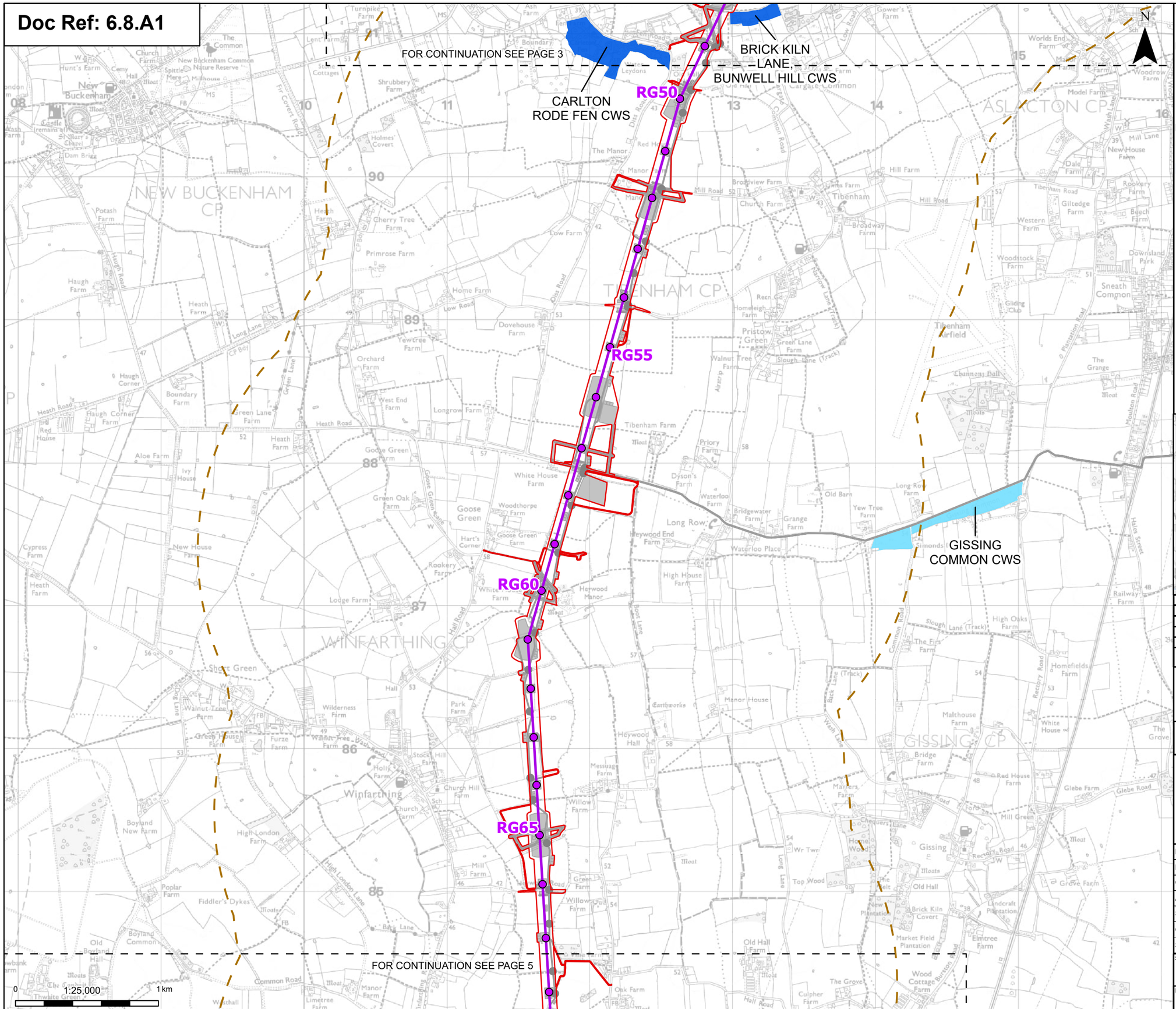

Order limits

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

2 km Study Area

GWDTE that are hydrologically linked to the project

GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

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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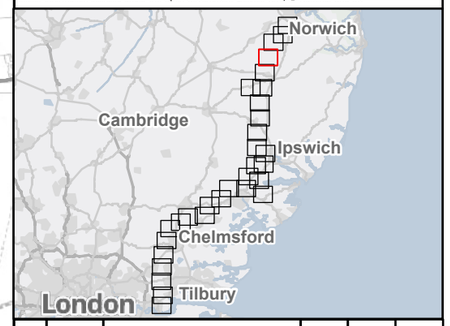

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

Print Date: 04-24-26 13:45:28

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FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 7

FOR CONTINUATION SEE PAGE 6

RG70

RG75

RG80

RG85

RG90

SHELFANGER MEADOWS SSSI

THE CARR CWS

BREWER'S GREEN CWS

BRESSINGHAM FEN CWS

HORSE FEN CWS

ROYDON FEN LNR

HALL FARM MEADOW CWS

RIVER WAVENEY CWS

THE MARSH CWS

GYPSY CAMP MEADOWS, THRANDESTON SSSI

RAILWAY MEADOWS CWS

Section A

Section B

0 1:25,000 1 km

Print Date: 04-24-26 13:45:32

N

- 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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

LNR - Local Nature Reserve

SSSI - Sites of Special Scientific Interest

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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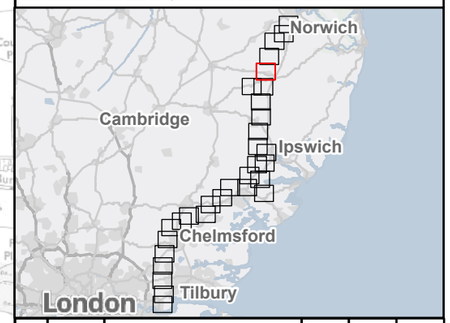

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B	May 2026	FOR DCO APPLICATION	NB	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 5 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

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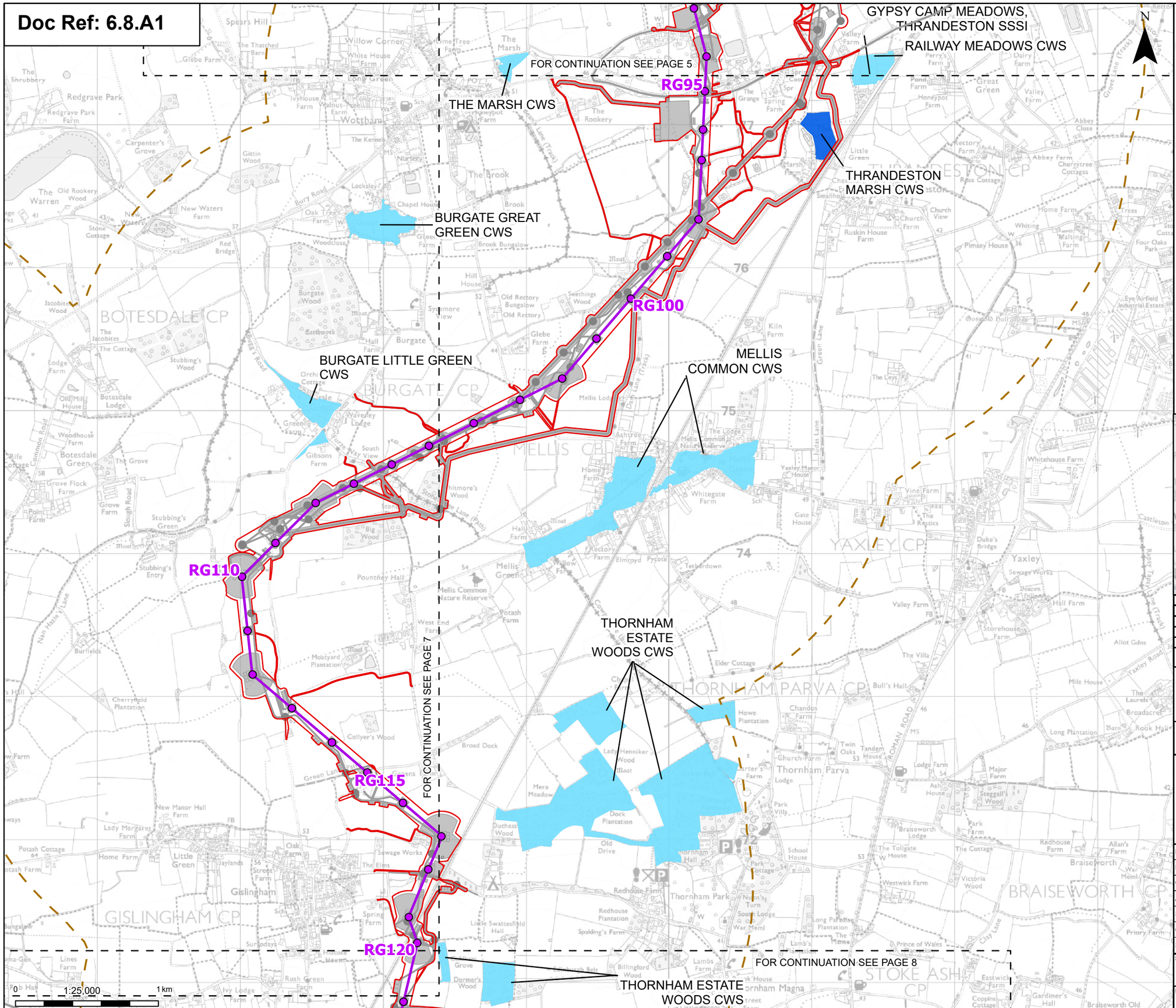

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- Order limits
- Sheet index cutline

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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

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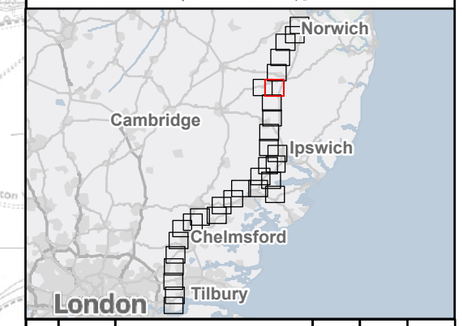

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B	May 2026	FOR DCO APPLICATION	NB	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 6 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 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-00337

Revision: B

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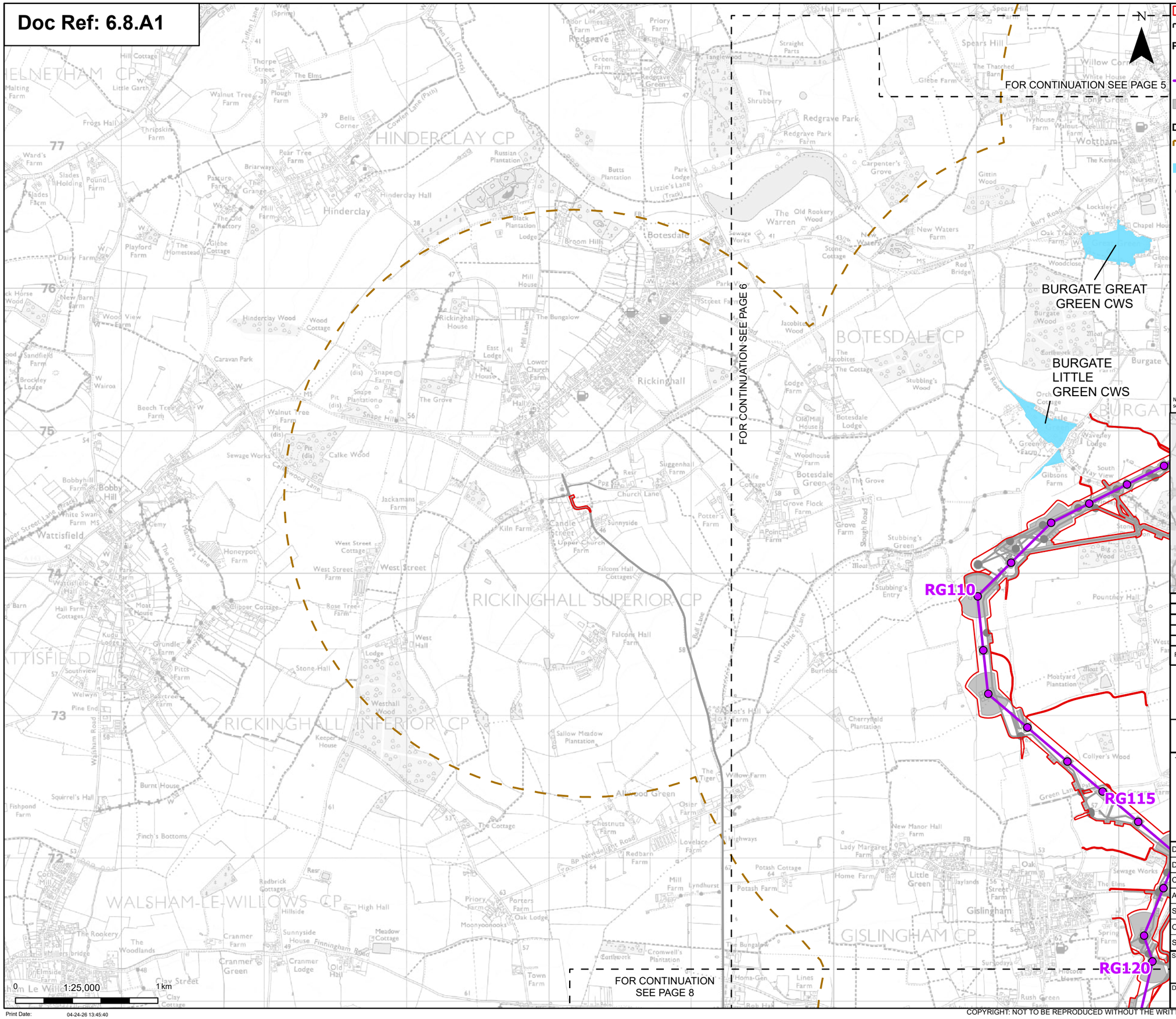

Order limits

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

2 km Study Area

GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

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

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

Print Date: 04-24-26 13:45:40

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FOR CONTINUATION SEE PAGE 6

THORNHAM ESTATE WOODS CWS

TOPCROFT FARM MEADOWS CWS

RG125

RG130

RG135

RG140

FOR CONTINUATION SEE PAGE 9

0 1:25,000 1 km

Print Date: 04-24-26 13:45:43

N

- 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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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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-00337

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Doc Ref: 6.8.A1

RG140

FOR CONTINUATION SEE PAGE 8

RG145

RG150

RG155

RG160

FORROLD MEADOW CWS

FOR CONTINUATION SEE PAGE 10

0 1:25,000 1 km

Print Date: 04-24-26 13:45:47

N

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

2 km Study Area

GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

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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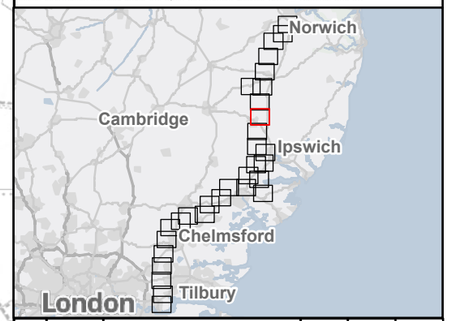

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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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-00337

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RG160

FOR CONTINUATION SEE PAGE 9

CREETING ST MARY MEADOWS CWS

RG165

FEN ALDER CARR LNR

RG170

RIVER GIPPING CWS

ST JOHN'S GROVE CWS

NEEDHAM LAKE LNR

RG175

RG180

FOR CONTINUATION SEE PAGE 11

RG185

0 1:25,000 1 km

Print Date: 04-24-26 13:45:51

N

- Order limits
- Sheet index cutline

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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

LNR - Local Nature Reserve

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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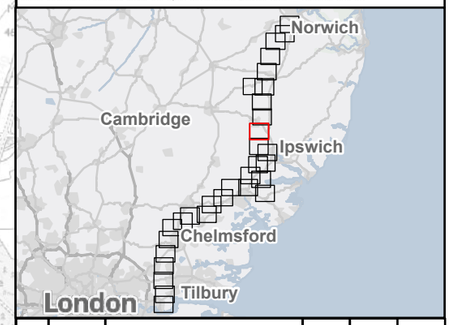

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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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-00337 Revision: B

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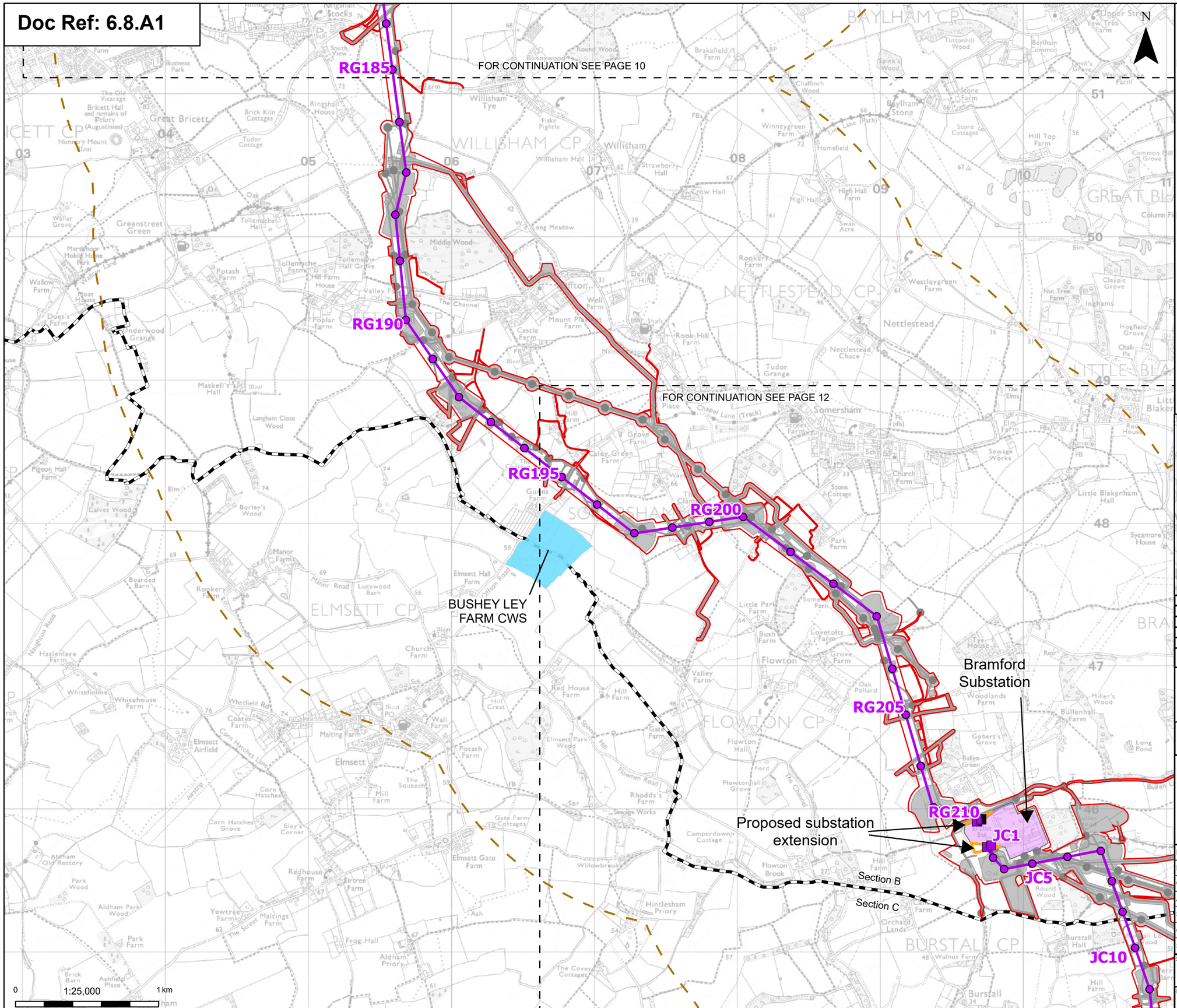

- Order limits
- Sheet index cutline
- Project section line

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

- 2 km Study Area
- GWDTE with no hydrological linkage to the project
- CWS - County Wildlife Site

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 11 of 31

Designed	A. Pinkney	Date	May 26
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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-00337

Revision: B

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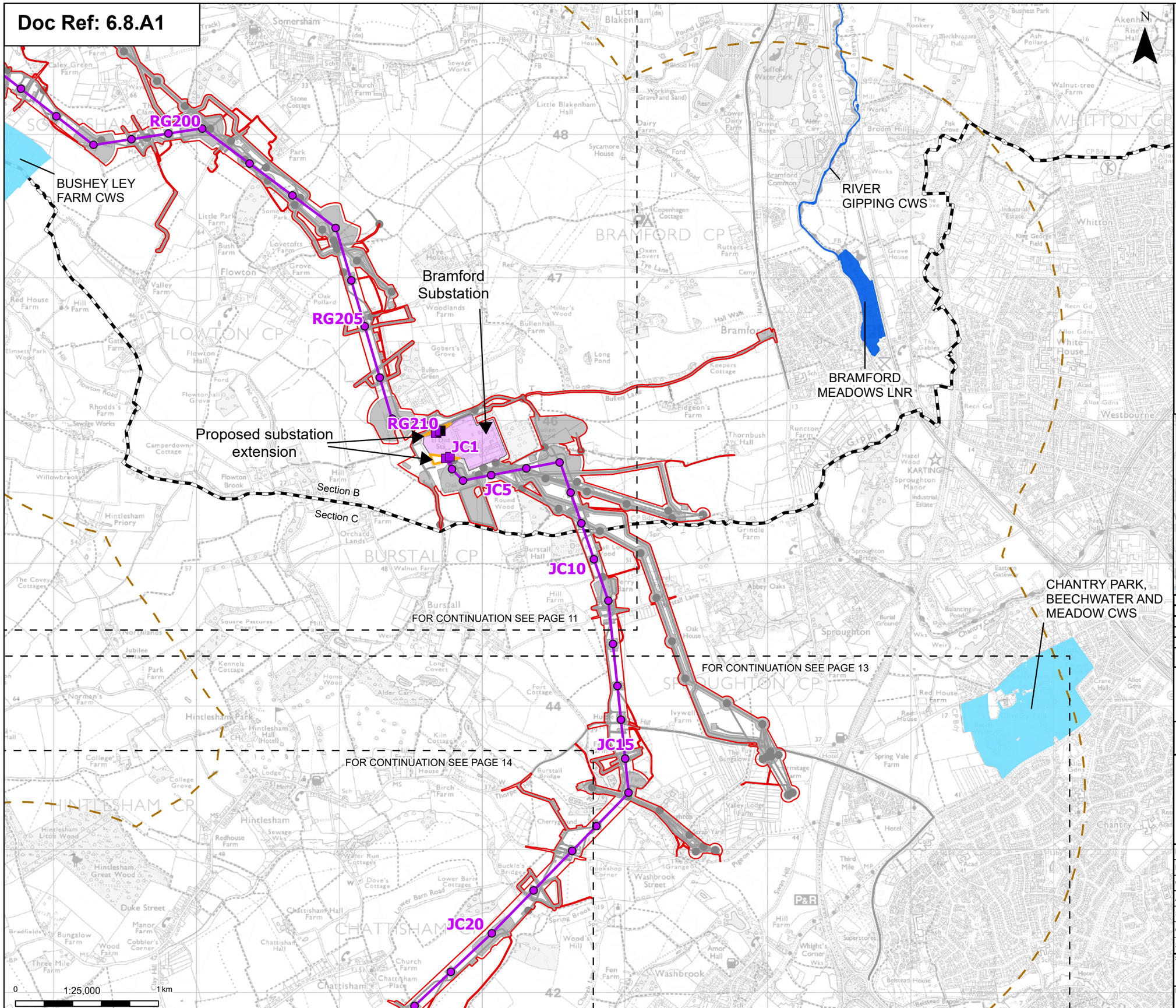

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- Order limits
- Sheet index cutline
- Project section line

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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

LNR - Local Nature Reserve

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00337

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JC15

JC20

JC25

JC30

JC35

CHANTRY PARK, BEECHWATER AND MEADOW CWS

ROYDON GREAT WOOD CWS

SPRINGHILL MEADOWS CWS

FOR CONTINUATION SEE PAGE 12

FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 15

0 1:25,000 1 km

Print Date: 04-24-26 13:46:03

N

- Order limits
- Sheet index cutline

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
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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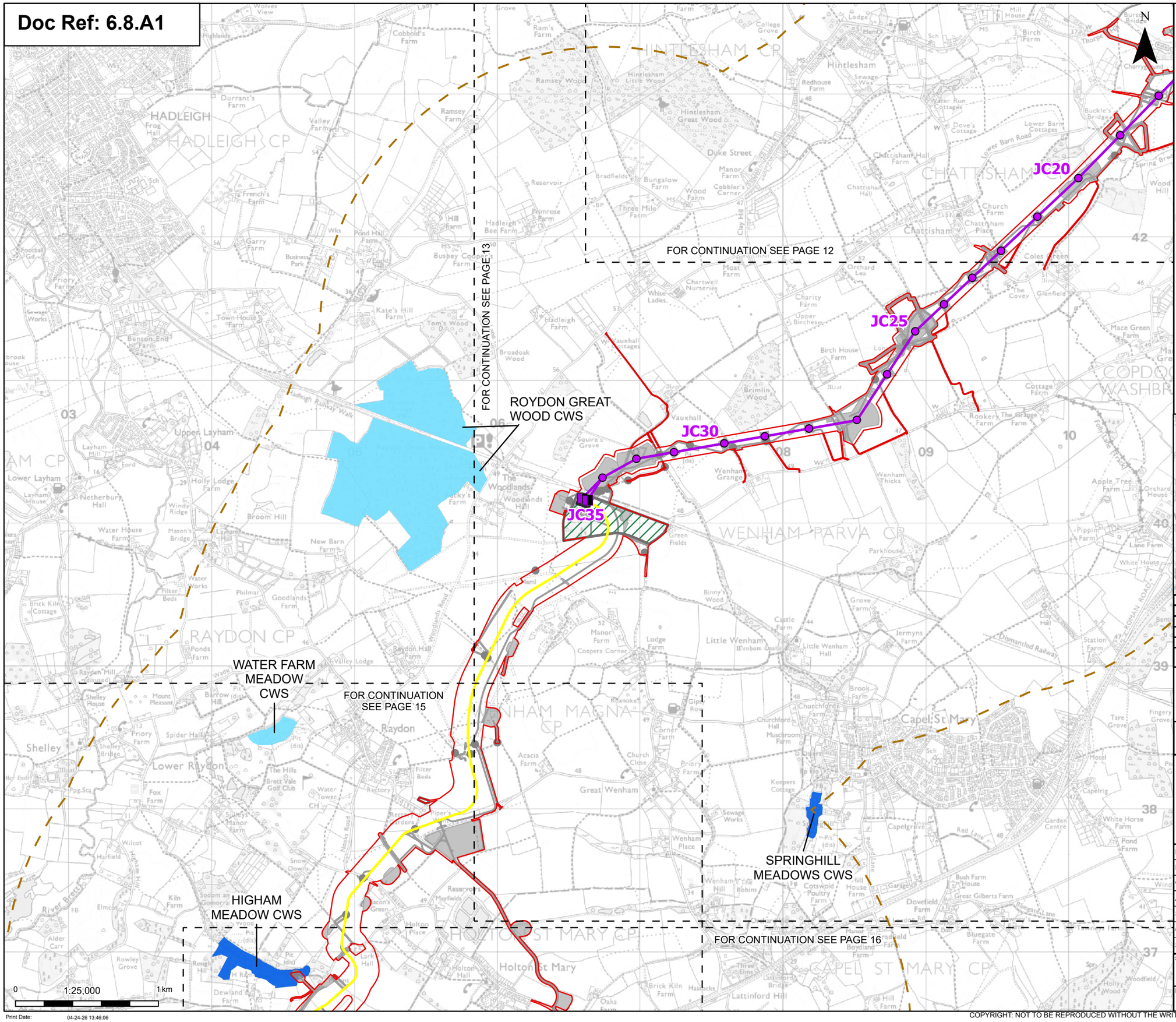

Order limits

Sheet index cutline

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

- 2 km Study Area
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- GWDTE with no hydrological linkage to the project

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Scale:	1:25,000	Datum:	AOD
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Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00337

Revision: B

Print Date: 04-24-26 13:46:06

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WATER FARM MEADOW CWS

HIGHAM MEADOW CWS

FOR CONTINUATION SEE PAGE 13

FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 16

RIVER BRETT (SECTIONS) CWS

THORINGTON STREET PIT & RESERVOIR CWS

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: Higham Road

WASSES MARSHES CWS

LANGHAM WATER WORKS LWS

Trenchless Crossing: River Stour (south part)

THE COOMBS LWS

BRIDGES FARM LWS

FOR CONTINUATION SEE PAGE 18

GUN HILL PLACE LWS

BLACK BROOK LWS

BLACK BROOK LWS

Trenchless Crossing: A12 highway crossing

Section C

Section D

0 1 km

1:25,000

N

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed underground cable alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

LWS - Local Wildlife Site

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 A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Approved	K. Burrows	Date	May 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-00337

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Print Date: 04-24-26 13:46:10

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HIGHAM MEADOW CWS

Trenchless Crossing: Higham Road

THE COOMBS LWS

BRIDGES FARM LWS

GUN HILL PLACE LWS

WIGNALL BROOK GRASSLANDS LWS

FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 15

FOR CONTINUATION SEE PAGE 18

FOR CONTINUATION SEE PAGE 17

0 1:25,000 1 km

Print Date: 04-24-26 13:46:14

N

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

CWS - County Wildlife Site

LWS - Local Wildlife Site

SSSI - Sites of Special Scientific Interest

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

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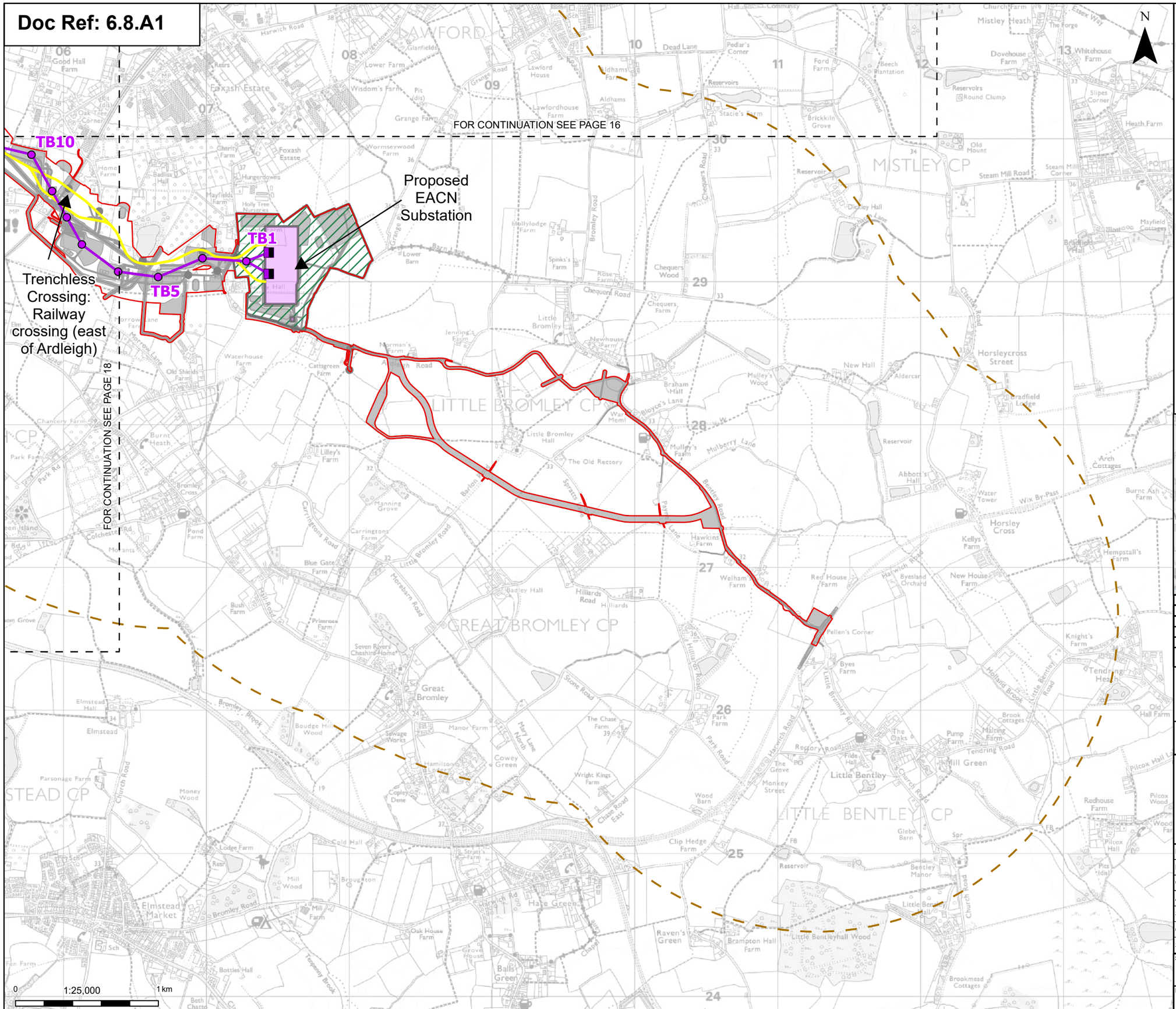

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- Order limits
- Sheet index cutline

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

- 2 km 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: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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Approved	K. Burrows	Date	May 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-00337

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BLACK BROOK LWS

GUN HILL PLACE LWS

BRIDGES FARM LWS

BLACK BROOK LWS

Section C

Section D

Trenchless Crossing: A12 highway crossing

FOR CONTINUATION SEE PAGE 15

TB30

TB25

TB20

TB15

TB10

FOR CONTINUATION SEE PAGE 19

FOR CONTINUATION SEE PAGE 16

FOR CONTINUATION SEE PAGE 17

LANGHAM ROAD GRASSLAND LWS

ARDLEIGH RESERVOIR GRASSLAND LWS

WALL'S WOOD LWS

Trenchless Crossing: Railway crossing (east of Ardleigh)

N

0 1:25,000 1 km

Print Date: 04-24-26 13:46:22

Order limits

Sheet index cutline

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 cable sealing end (CSE) compound

Environmental area

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

GWDTE that are hydrologically linked to the project

GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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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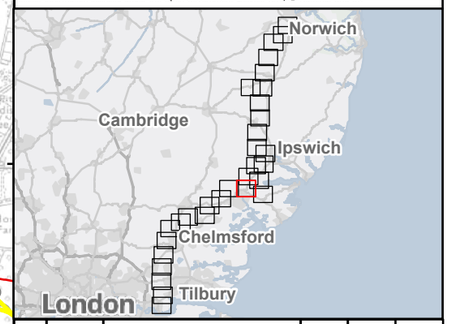

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

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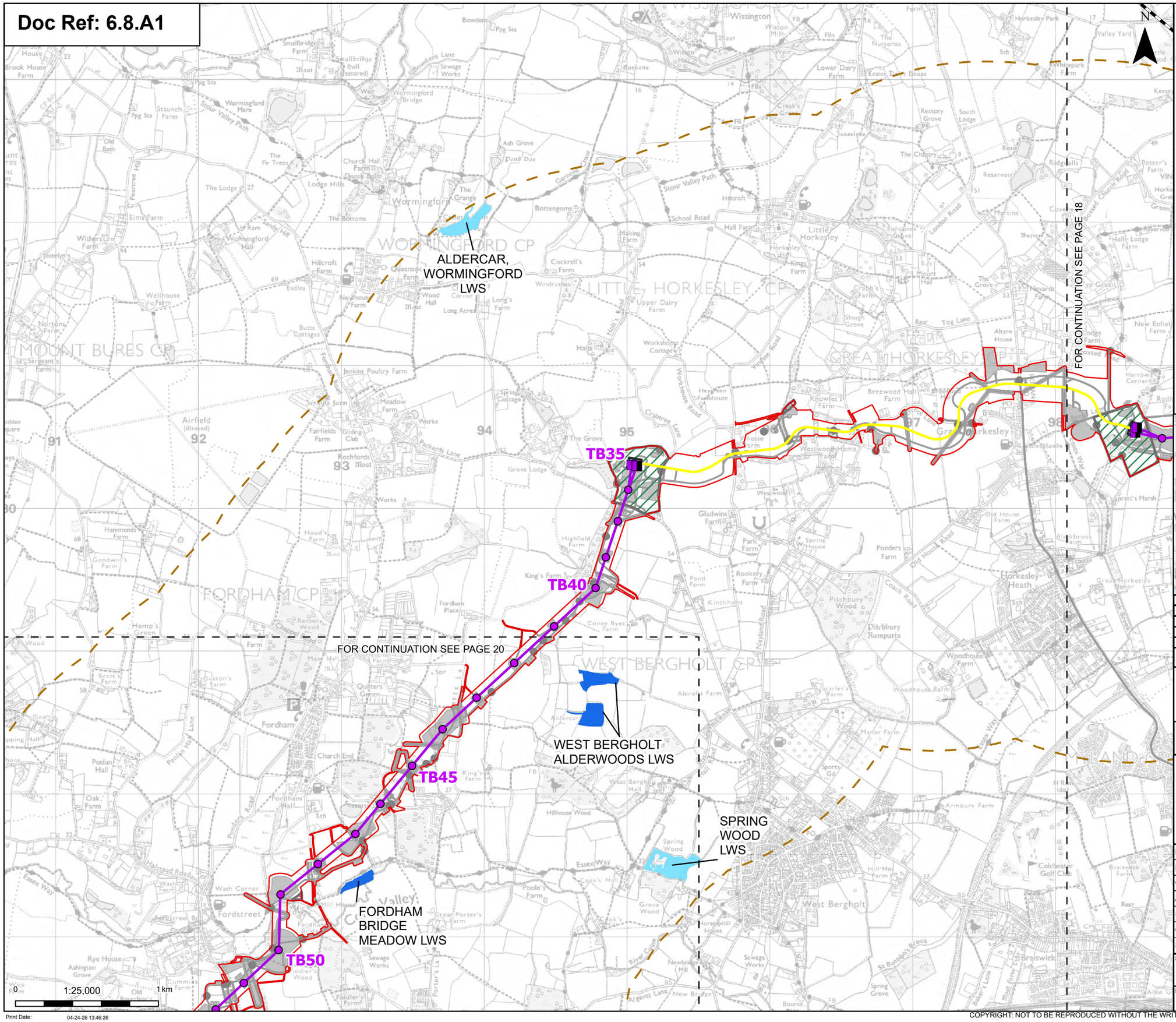

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- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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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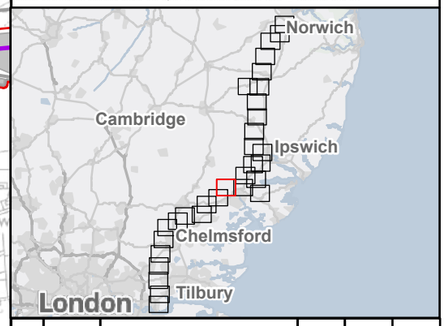

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

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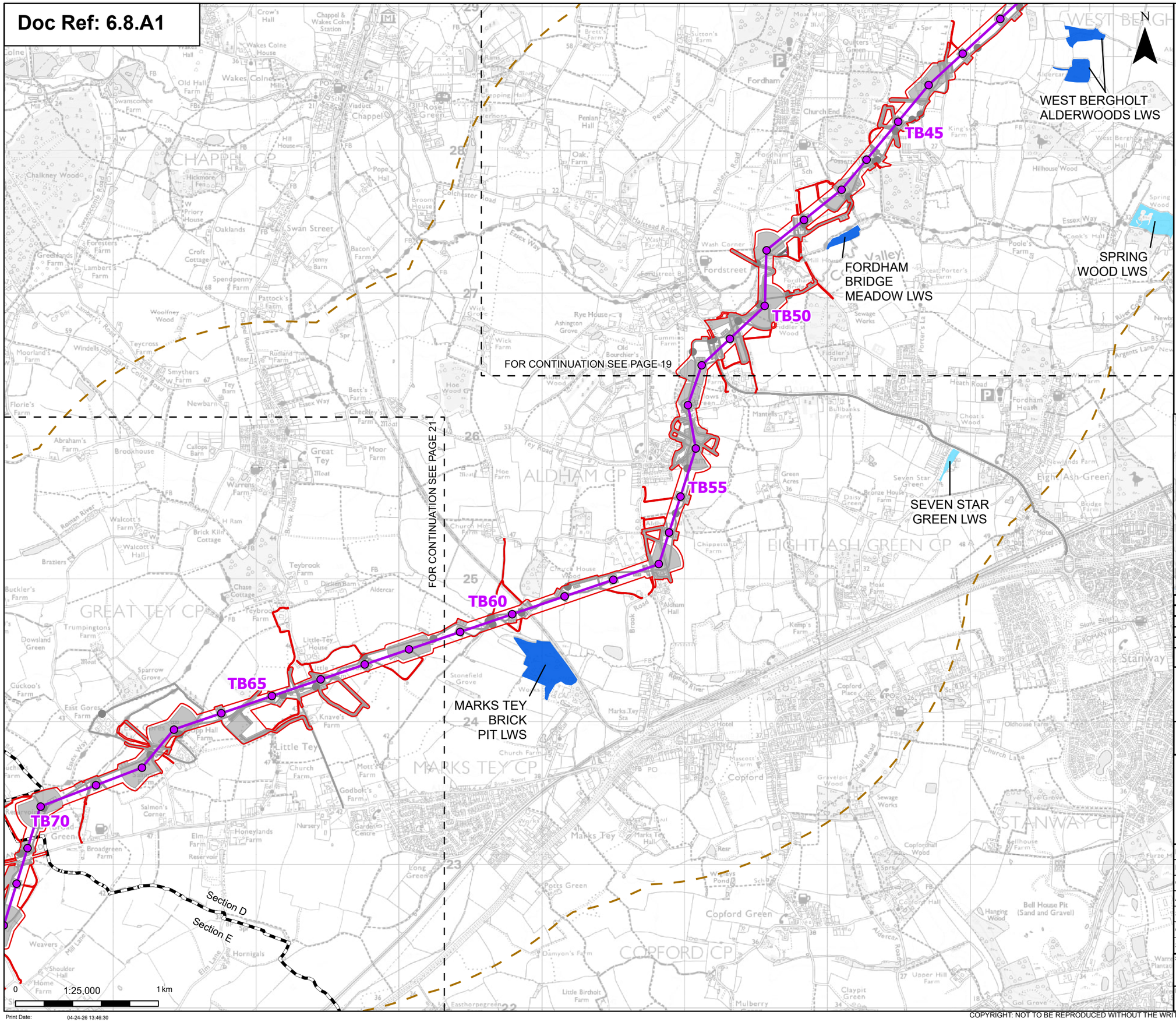

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
GWDTE that are hydrologically linked to the project
GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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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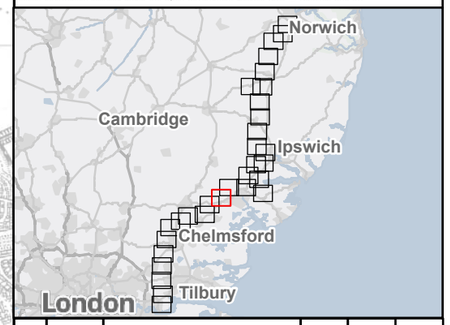

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE) Page 20 of 31

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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

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BUCKLER'S FARM WOOD LWS

TILKEY ROAD, COGGESHALL LWS

BLACKWATER PLANTATION LWS

COGGESHALL HALL FARM LWS

FEERING MARSH LWS

TB65

TB70

TB75

TB80

TB85

TB90

Section D

Section E

FOR CONTINUATION SEE PAGE 20

FOR CONTINUATION SEE PAGE 22

GREAT TEY CP

COGGESHALL CP

FEERING CP

KELVEDON CP

0 1km

1:25,000

Print Date: 04-24-26 13:46:33

N

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

2 km Study Area

GWDTE that are hydrologically linked to the project

LWS - Local Wildlife Site

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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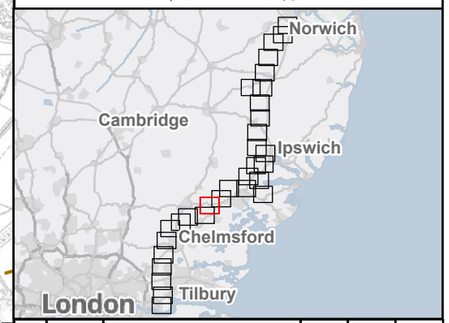

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

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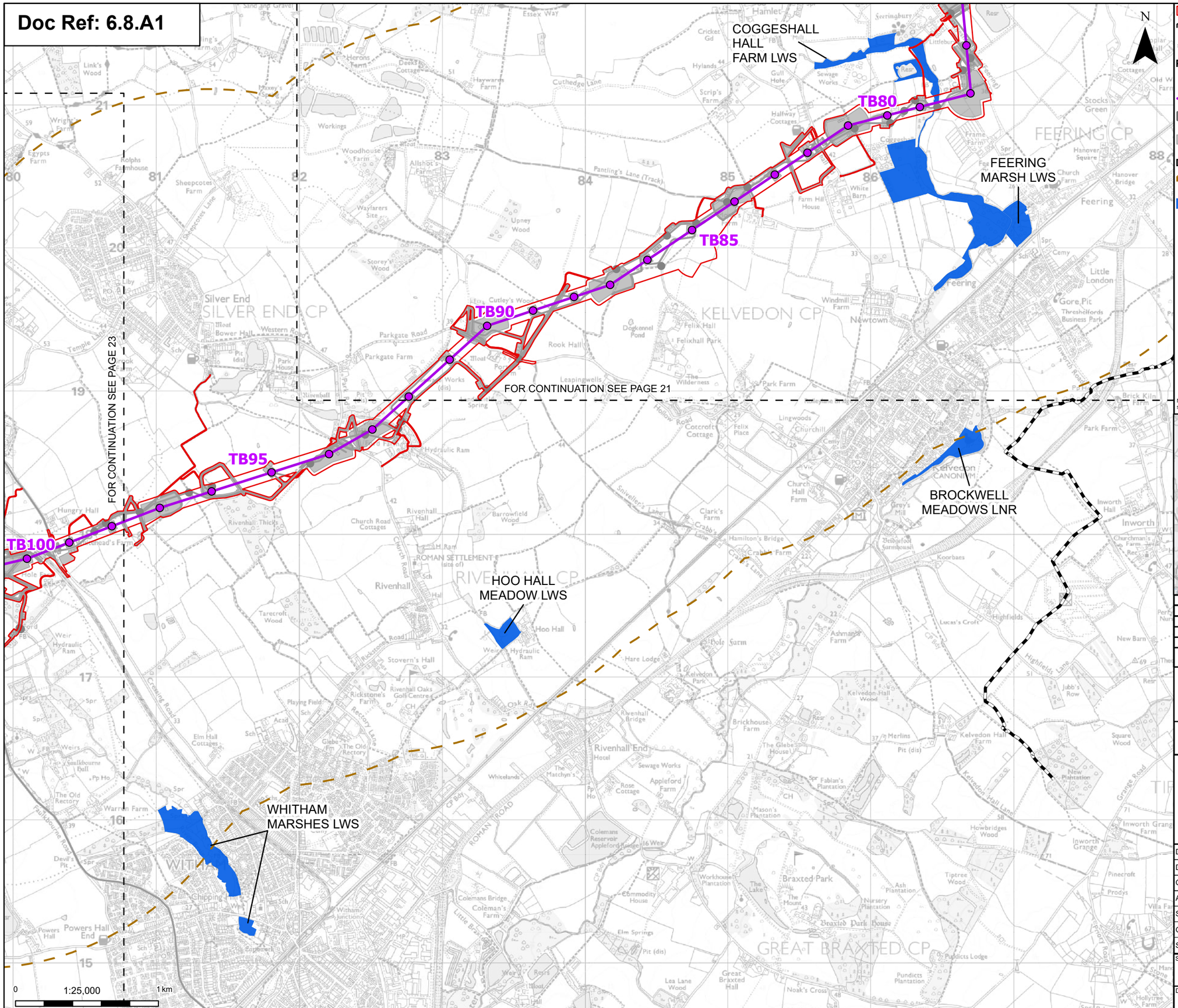

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- GWDTE that are hydrologically linked to the project

LNR - Local Nature Reserve

LWS - Local Wildlife Site

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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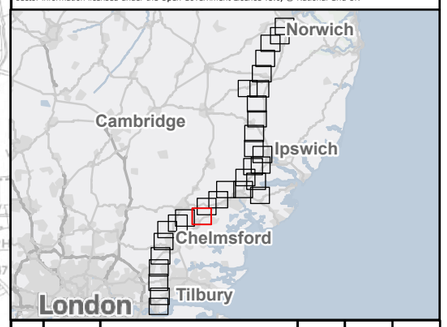

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

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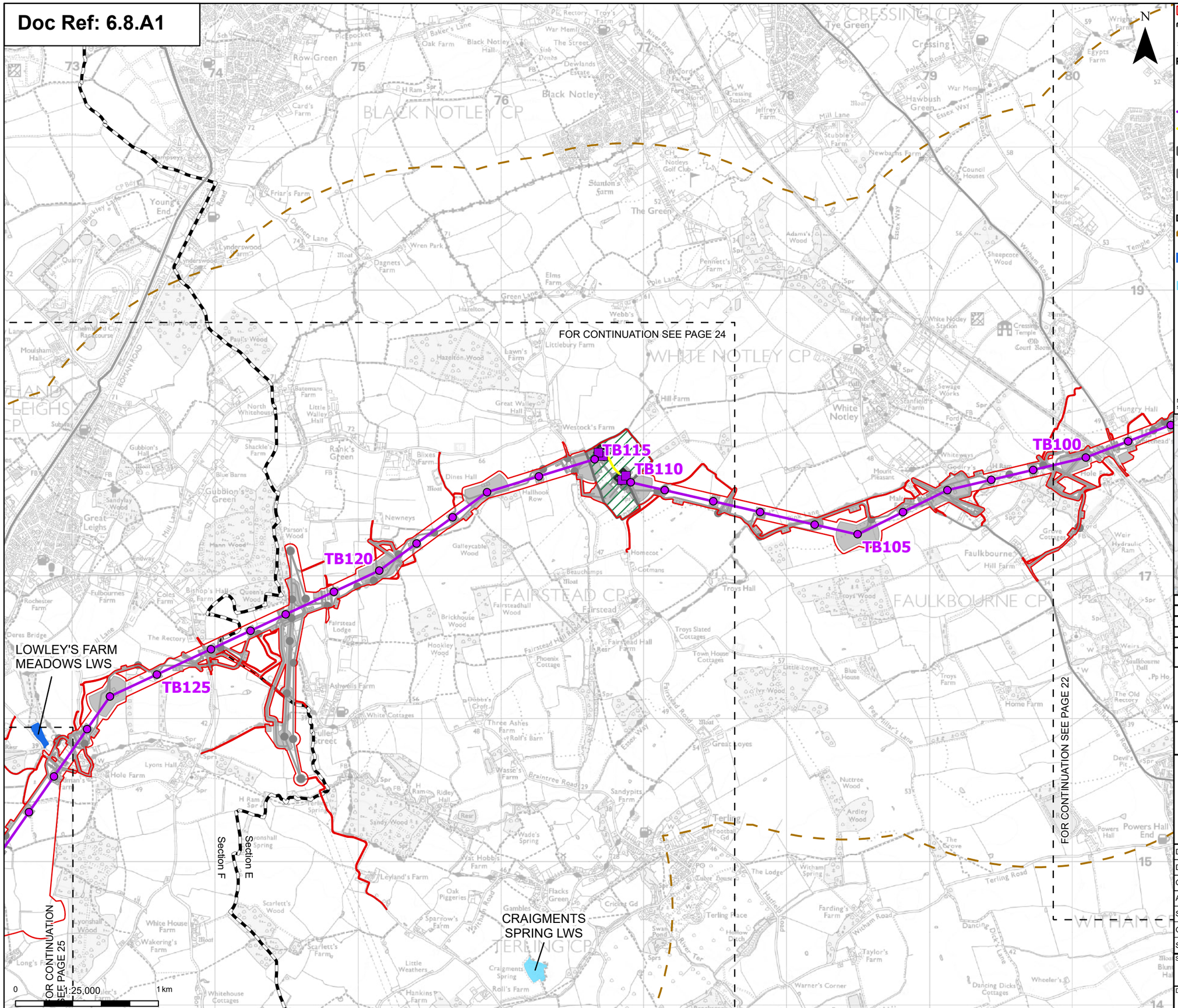
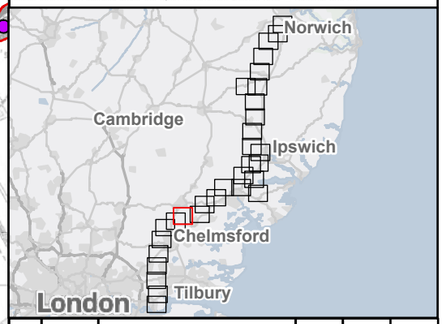
Doc Ref: 6.8.A1





- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE) Page 23 of 31

Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

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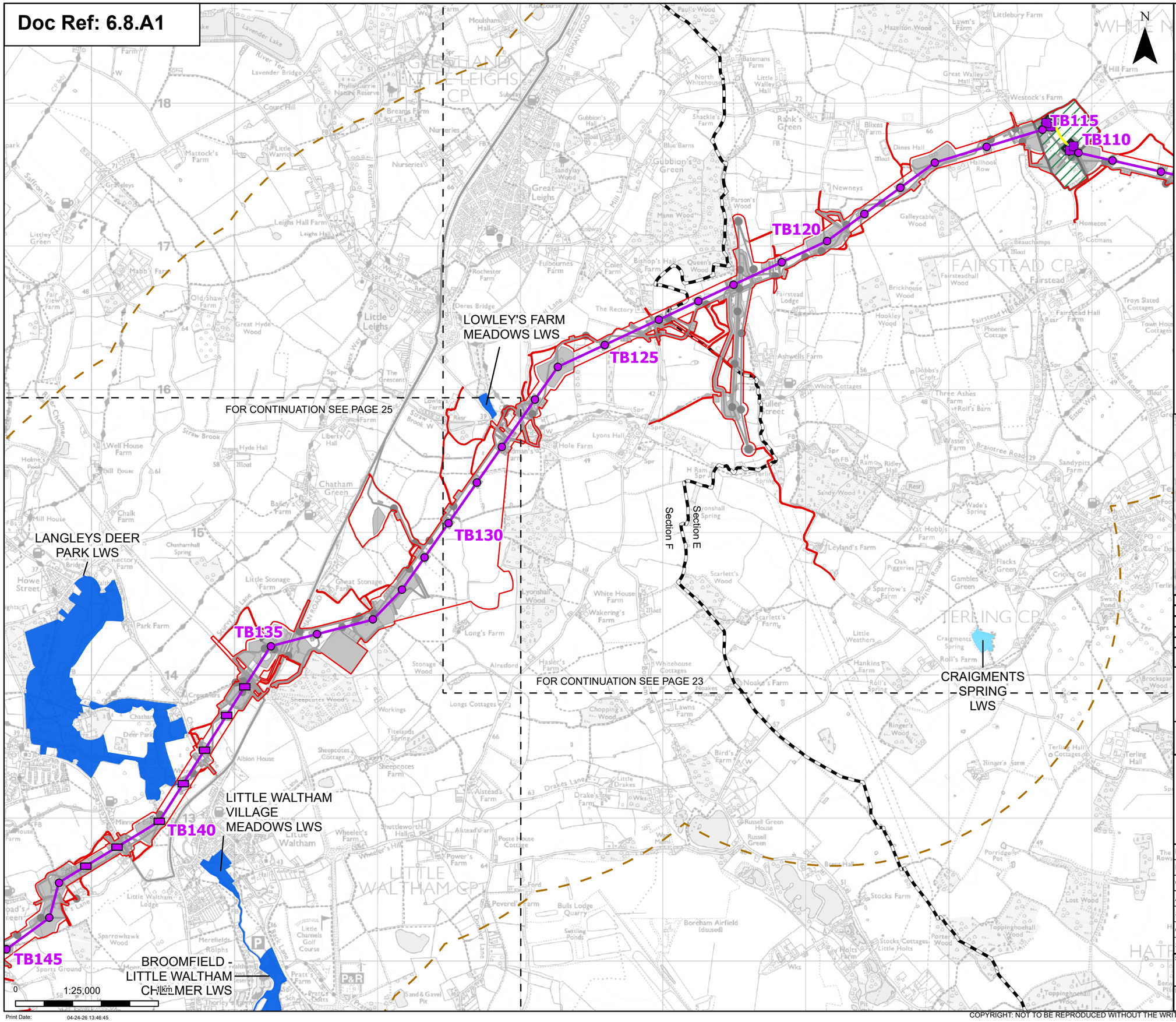

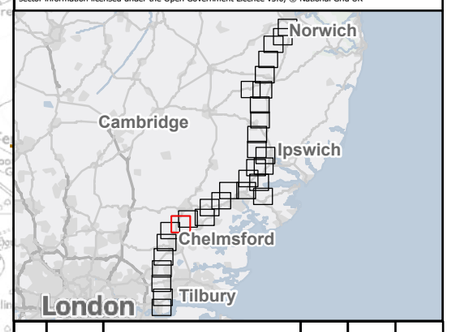

- Order limits
- Sheet index cutline
- Project section line

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
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
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- GWDTE with no hydrological linkage to the project

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PROJECT: Norwich to Tilbury

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Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

Revision: B

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LANGLEYS DEER PARK LWS

LITTLE WALTHAM VILLAGE MEADOWS LWS

BORDER WOOD LAKE LWS

BROOMFIELD - LITTLE WALTHAM CHELMER LWS

CHELMER VALLEY RIVERSIDE LNR

TB130

TB135

TB140

TB145

TB150

TB155

FOR CONTINUATION SEE PAGE 23

FOR CONTINUATION SEE PAGE 24

FOR CONTINUATION SEE PAGE 26

N

0 1:25,000 1 km

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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

Environmental mitigation

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

GWDTE that are hydrologically linked to the project

LNR - Local Nature Reserve

LWS - Local Wildlife Site

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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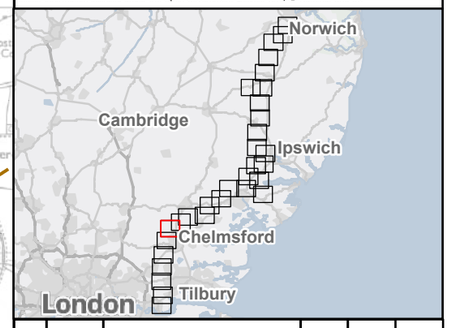

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Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337 Revision: B

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FOR CONTINUATION SEE PAGE 25

FOR CONTINUATION SEE PAGE 27

CHELMER VALLEY RIVERSIDE LNR

WRITTLE BRIDGE MEADOWS LWS

N

0 1:25,000 1 km

Print Date: 04-24-26 13:46:53

Order limits

Sheet index cutline

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

2 km Study Area

GWDTE that are hydrologically linked to the project

LNR - Local Nature Reserve

LWS - Local Wildlife Site

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE) Page 26 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337

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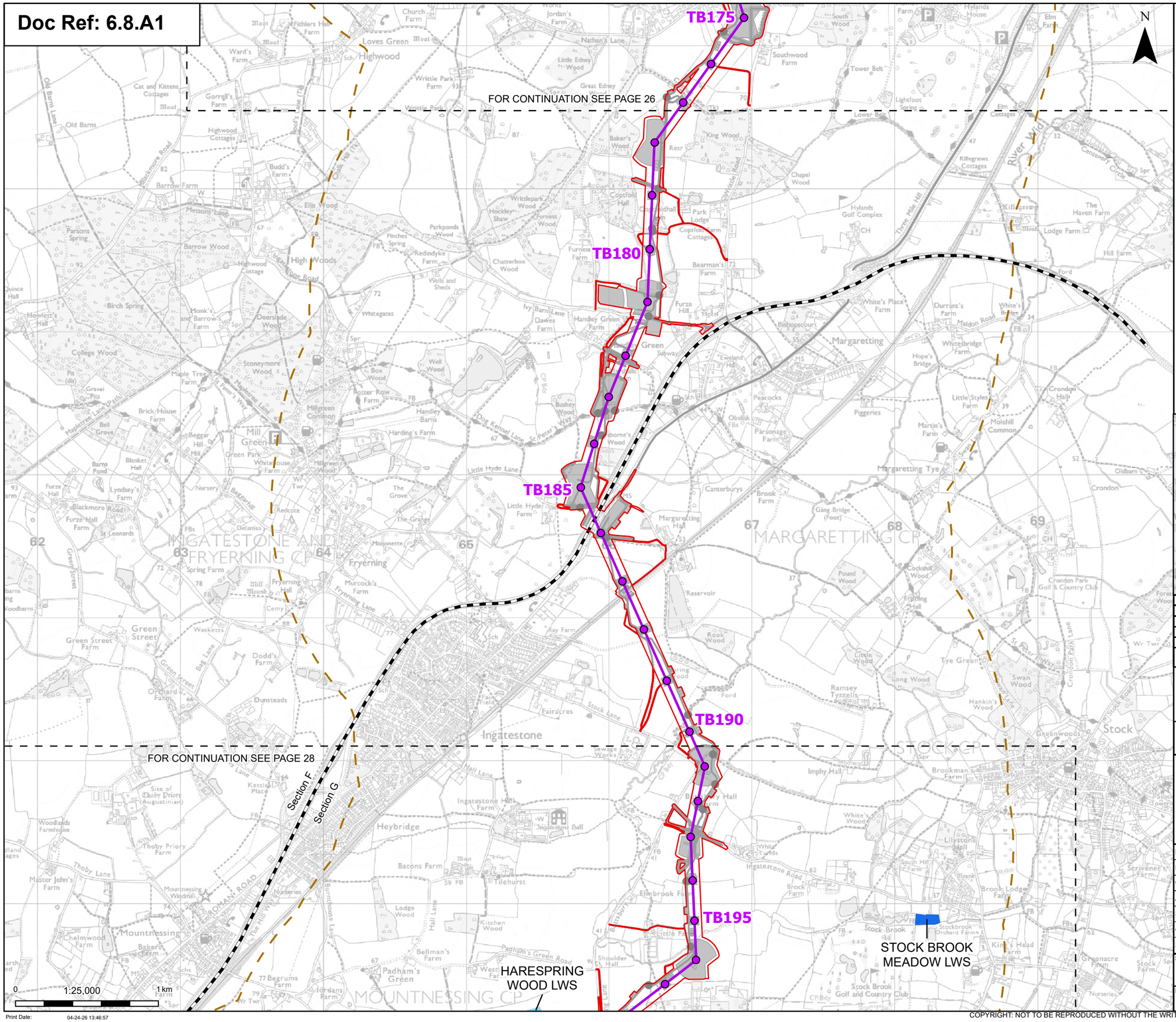

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
GWDTE that are hydrologically linked to the project
GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 27 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337
Revision: B

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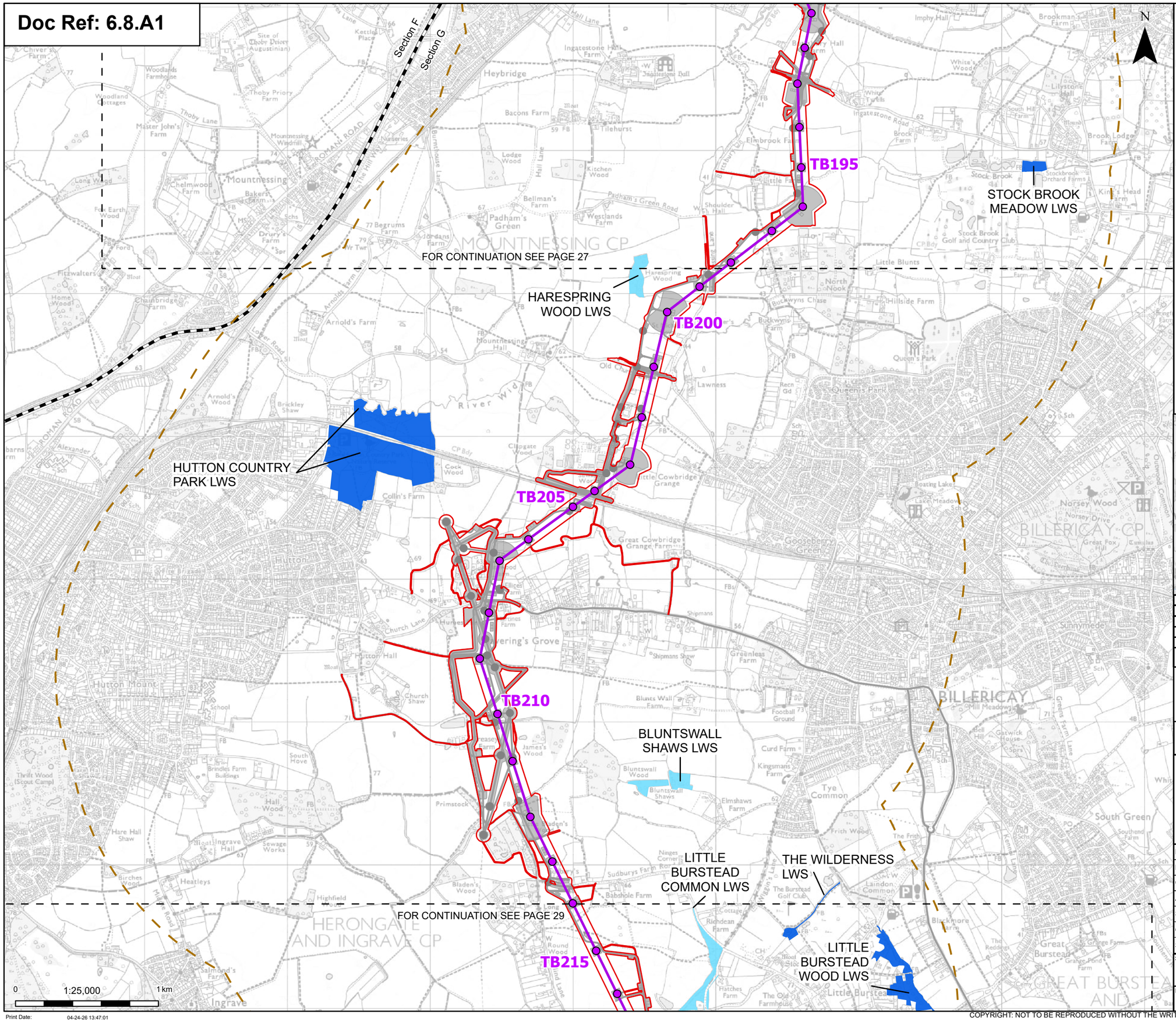

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
GWDTE that are hydrologically linked to the project
GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337
Revision: B

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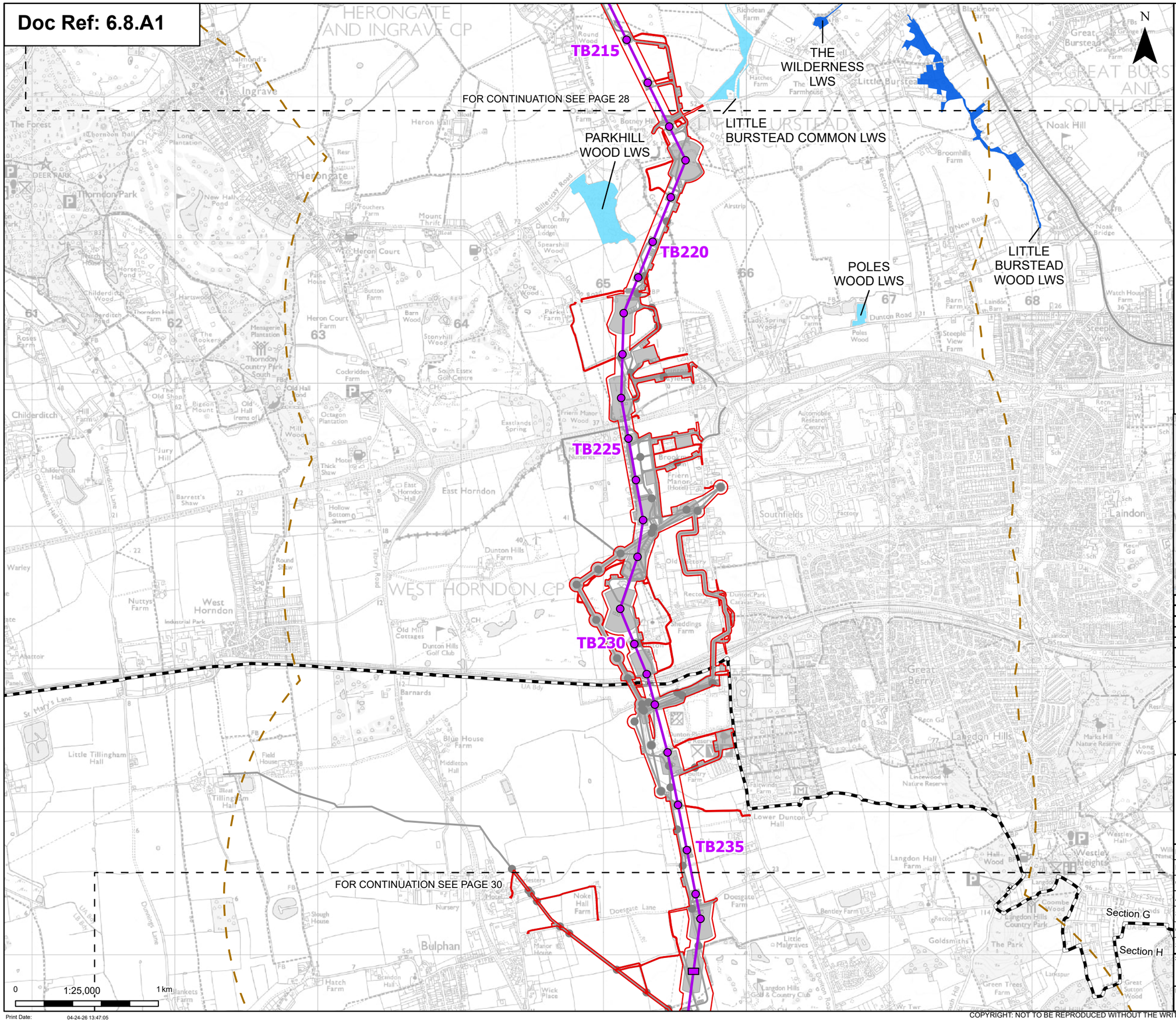

- Order limits
- Sheet index cutline
- Project section line

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

- 2 km Study Area
- GWDTE that are hydrologically linked to the project
- GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 29 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337
Revision: B

Print Date: 04-24-26 13:47:05

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FOR CONTINUATION SEE PAGE 31

TB240

TB245

TB250

TB255

TB260

YYJ115

ZB20

YYJ120

ZB15RA

Section G

Section H

Proposed Tilbury North Substation

VICTORIA ROAD GRASSLAND, STANFORD-LE-HOPE LWS

MUCKING CREEK WETLANDS LWS

WARREN LAKES LWS

LINFORD WOOD LWS

THURROCK THAMESIDE NATURE PARK, MUCKING LWS

N

0 1:25,000 1 km

Print Date: 04-24-26 13:47:09

Order limits
- Sheet index cutline
- Project section line

Proposed project design details
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed low height pylon location
- 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
- 2 km Study Area
- GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 30 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337 Revision: B

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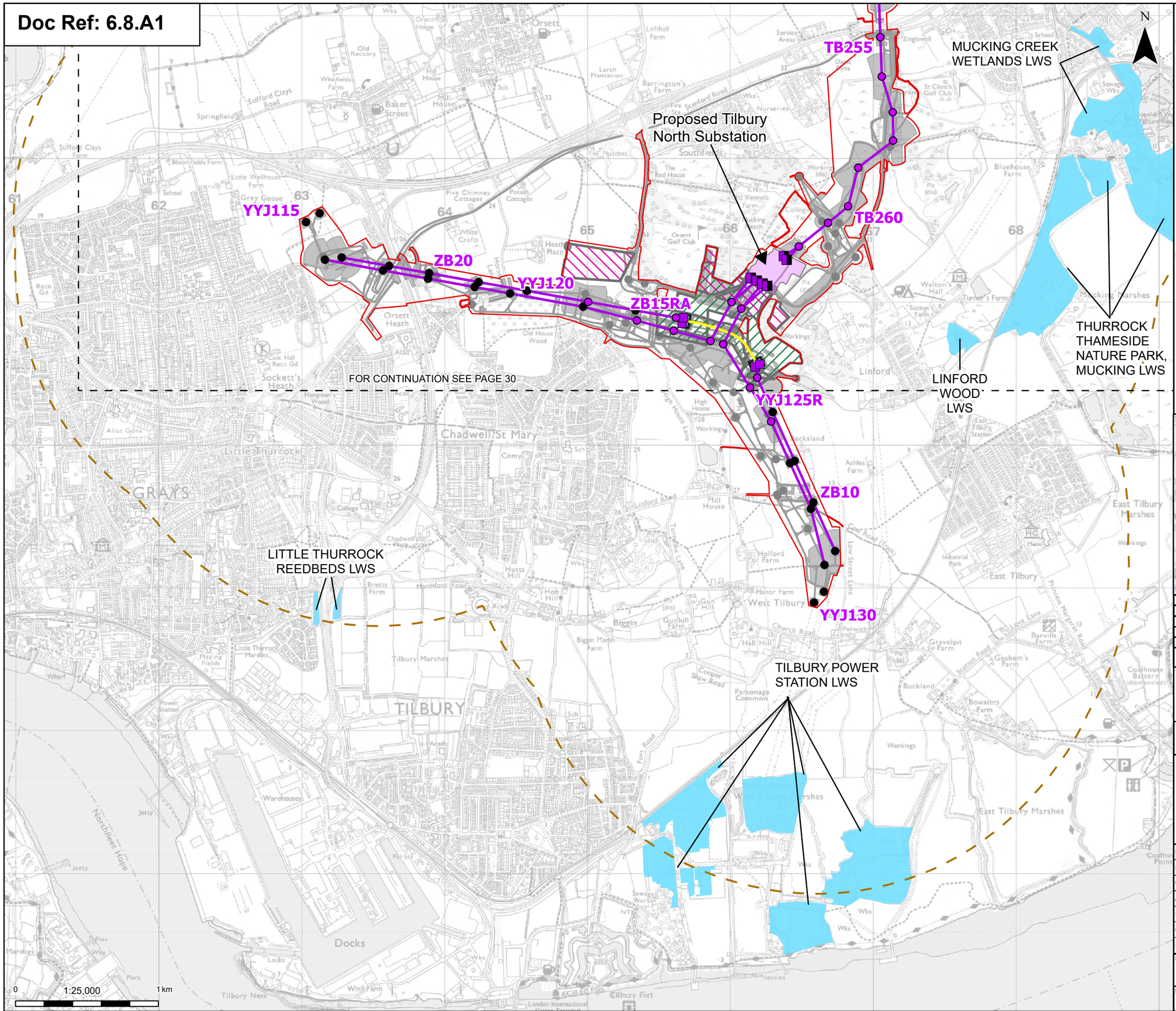

Order limits
Sheet index cutline

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

- 2 km Study Area
- GWDTE with no hydrological linkage to the project

LWS - Local Wildlife Site

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.4 - Ecology and Biodiversity - Groundwater Dependent Terrestrial Ecosystems (GWDTE)
Page 31 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00337
Revision: B

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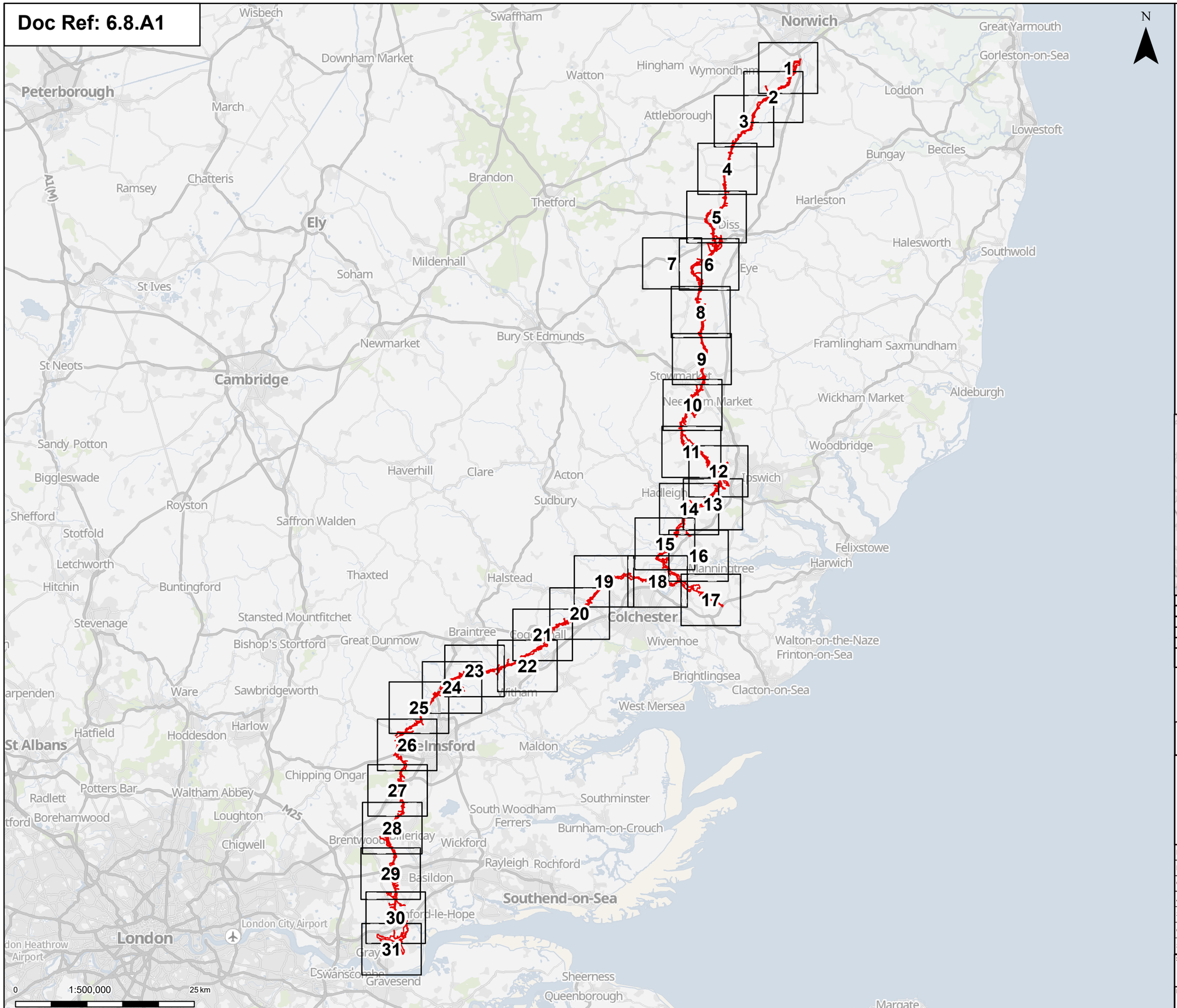
Figure A8.1.5 - Protected/ Notable Plant Species (Revision B)

Doc Ref: 6.8.A1



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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species Overview

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:48:37

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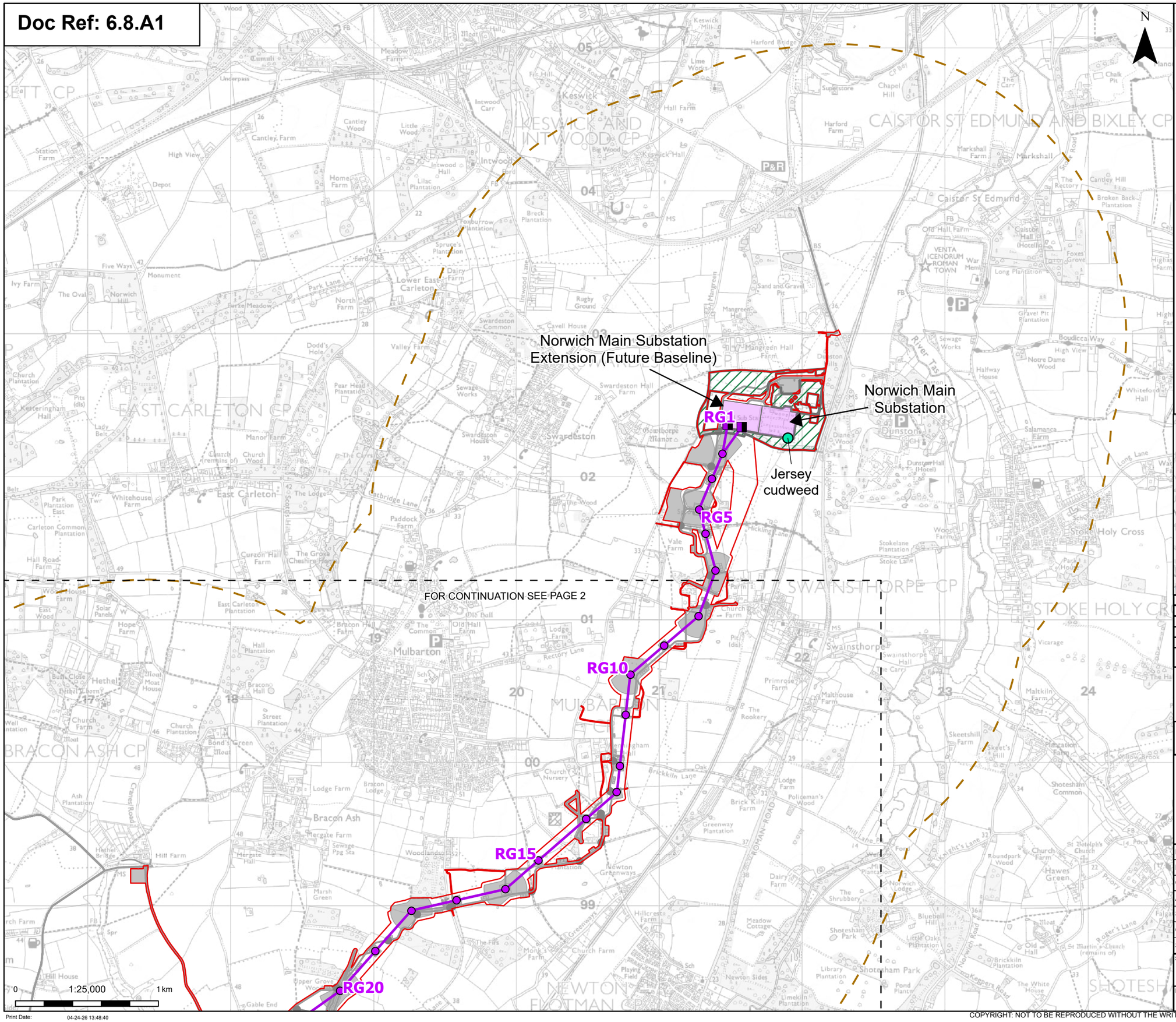

Print Date: 04-24-26 13:48:40

- Order limits
- Sheet index cutline

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

- 2 km Study Area
- Protected / notable plant species (field survey record)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species Page 1 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

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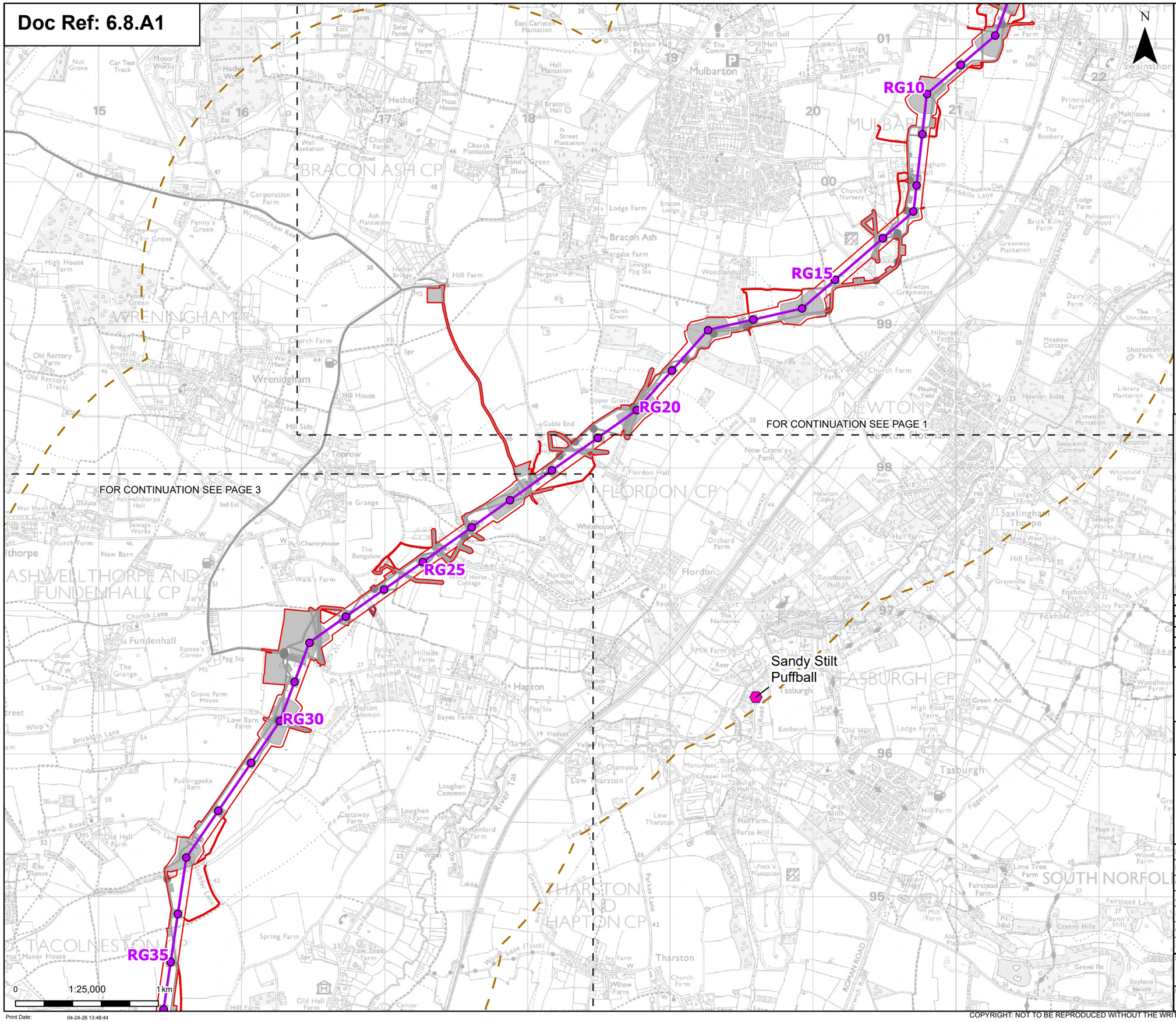

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Order limits

Sheet index cutline

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

2 km Study Area

Protected / notable species of mosses or fungi (desk study records)

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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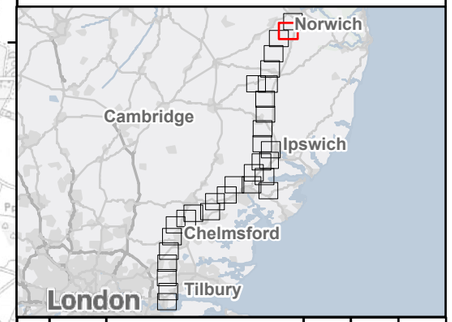

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 2 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

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RG35

RG40

RG45

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FOR CONTINUATION SEE PAGE 4

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0 1:25,000 1 km

Print Date: 04-24-26 13:48:48

Order limits

Sheet index cutline

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

2 km 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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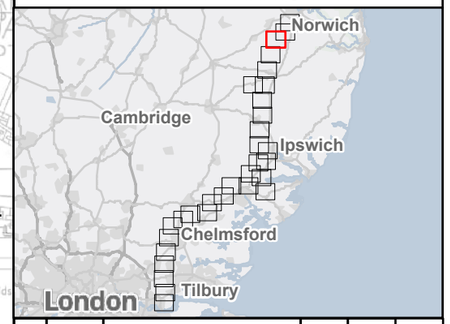

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

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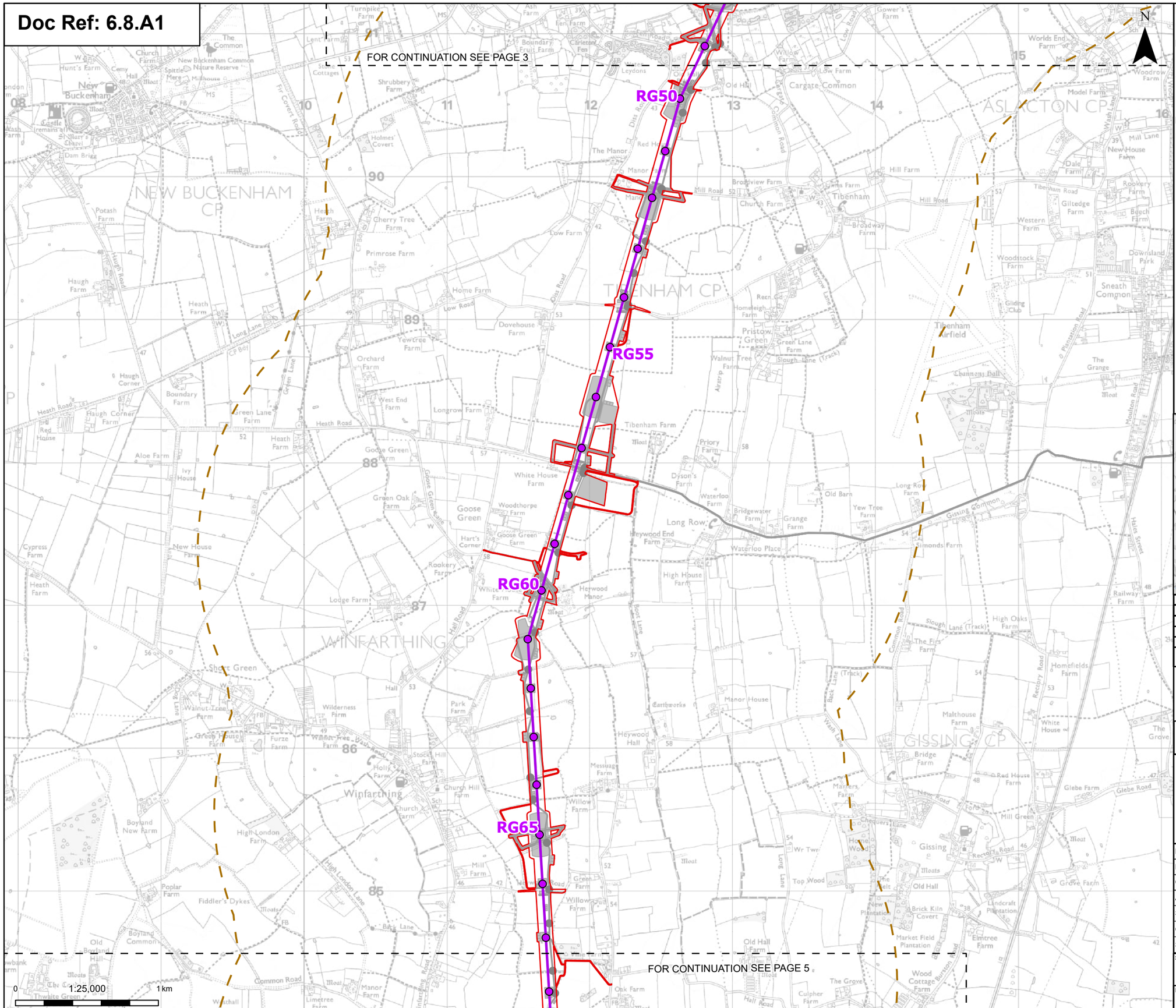
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TIBENHAM CP
ASLACTON CP
WINFARTHING CP
GISSING CP
New Buckenham
Tibenham
Winfarthing
Gissing
Cargate Common
Sneath Common
Boyland Common
Tibenham Airfield
Channons Ball
Gissing Common
Long Row
Goose Green
Haugh Corner
Heath Road
Mill Road
Hill Road
Church Road
Low Road
Home Farm
Primrose Farm
Cherry Tree Farm
Dovehouse Farm
Yewtree Farm
Orchard Farm
Longrow Farm
Tibenham Farm
Priory Farm
Dyson's Farm
Waterloo Farm
Bridgewater Farm
Grange Farm
Old Barn
Yew Tree Farm
Simonds Farm
Waterloo Place
Broadview Farm
Church Farm
Broadway Farm
Hill Farm
Western Farm
Gilledge Farm
Woodstock Farm
Downland Park
Sneath Common
Dale Farm
New House Farm
Woodrow Farm
Model Farm
Worlds End Farm
Gower's Farm
Willow Farm
Old Hall
Cargate Common
Red House
The Manor
Manor Farm
Homeleigh Farm
Pristow Green
Green Lane Farm
Slough Lane (Track)
Walnut Tree Farm
Airstrip
The Grange
Moulton Road
Plantation Road
Gliding Club
Meat
Moats
Potash Farm
Haugh Farm
Heath Farm
Cherry Tree Farm
Primrose Farm
Haugh Corner Farm
Boundary Farm
Green Lane Farm
West End Farm
Goose Green Farm
Aloe Farm
Ivy House
Red House
Cypress Farm
New House Farm
Green Oak Farm
Woodthorpe Farm
White House Farm
Hart's Corner
Rookery Farm
Heywood End Farm
Heywood Manor
High House Farm
Lodge Farm
Short Green
Walnut Tree Farm
Green House Farm
Furze Farm
Wilderness Farm
Park Farm
Earthworks
Manor House
Heywood Hall
Stock Hill Farm
Holly Farm
Church Hill Farm
Messuage Farm
Willow Farm
Boyland New Farm
High London Farm
Poplar Farm
Fiddler's Dykes
Old Boyland Hall
Moats
The Green
Thwaite Green
Common Road
Manor Farm
Limetree Farm
Wychall
Oak Farm
Culpher Farm
Hall Road
Back Lane
Boot Lane
Hall Road
Wash Lane
Long Lane
Common Road
Slough Lane (Track)
The Firs Farm
Homefields Farm
Recory Road
Malthouse Farm
White House
Bridge Farm
Red House Farm
Glebe Farm
Glebe Road
New Road
Mill Green
Checquers Lane
Gissing
Rectory Road
Top Wood
Old Hall
Brick Kiln Covert
Lindcraft Plantation
Elmtree Farm
Market Field Plantation
Wood Cottage Farm
Burston Road
Grove Farm
The Grove
Railway Farm
High Oaks Farm
Hales Street
Mill Lane
New House Farm
Rookery Farm
Beech Farm
Tibenham Road
Hill Road
Broadview Farm
Church Farm
Mill Road
Red House
The Manor
Manor Farm
Old Hall
Cargate Common
Dam Brigg
Castle (remains of)
St Mary's Chapel
Hunt's Farm
Church Farm
New Buckenham Common Nature Reserve
Spittle Mere
Midhouse
Shrubbery Farm
Holmes' Covert
Fir Covert Road
Oss Road
Low Road
Long Lane
Haugh Road
Green Lane
Heath Road
Goose Green Lane
Hall Road
Boot Lane
Wash Lane
Long Lane
Common Road
Slough Lane (Track)
Back Lane
Recory Road
Burston Road
Plantation Road
Moulton Road
Hales Street
Mill Lane
Wash Lane
Common Road
Oss Road
Fir Covert Road
Harrow Lane (Track)
Airstrip
Long Row
Gissing Common
Slough Lane (Track)
Mill Road
Hill Road
Church Road
Low Road
Long Lane
Green Lane
Heath Road
Goose Green Lane
Hall Road
Boot Lane
Wash

Doc Ref: 6.8.A1

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 7

FOR CONTINUATION SEE PAGE 6

RG70

RG75

RG80

RG85

RG90

Heather

Heath dog-violet

Heath dog-violet

Shepherd's cress

Heath dog-violet

Heather

Heather

Harebell

Section A

Section B

Quaking-grass

Heather

Shepherd's cress

Common cudweed

Hoary plantain

Field pepperwort

Marsh speedwell

Potentilla erecta subsp. erecta

0 1:25,000 1 km

Print Date: 04-24-26 13:48:56

N

- 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

- 2 km Study Area
- Protected / notable plant species (desk study records)

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	May 2026	FOR DCO APPLICATION	NB	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 5 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

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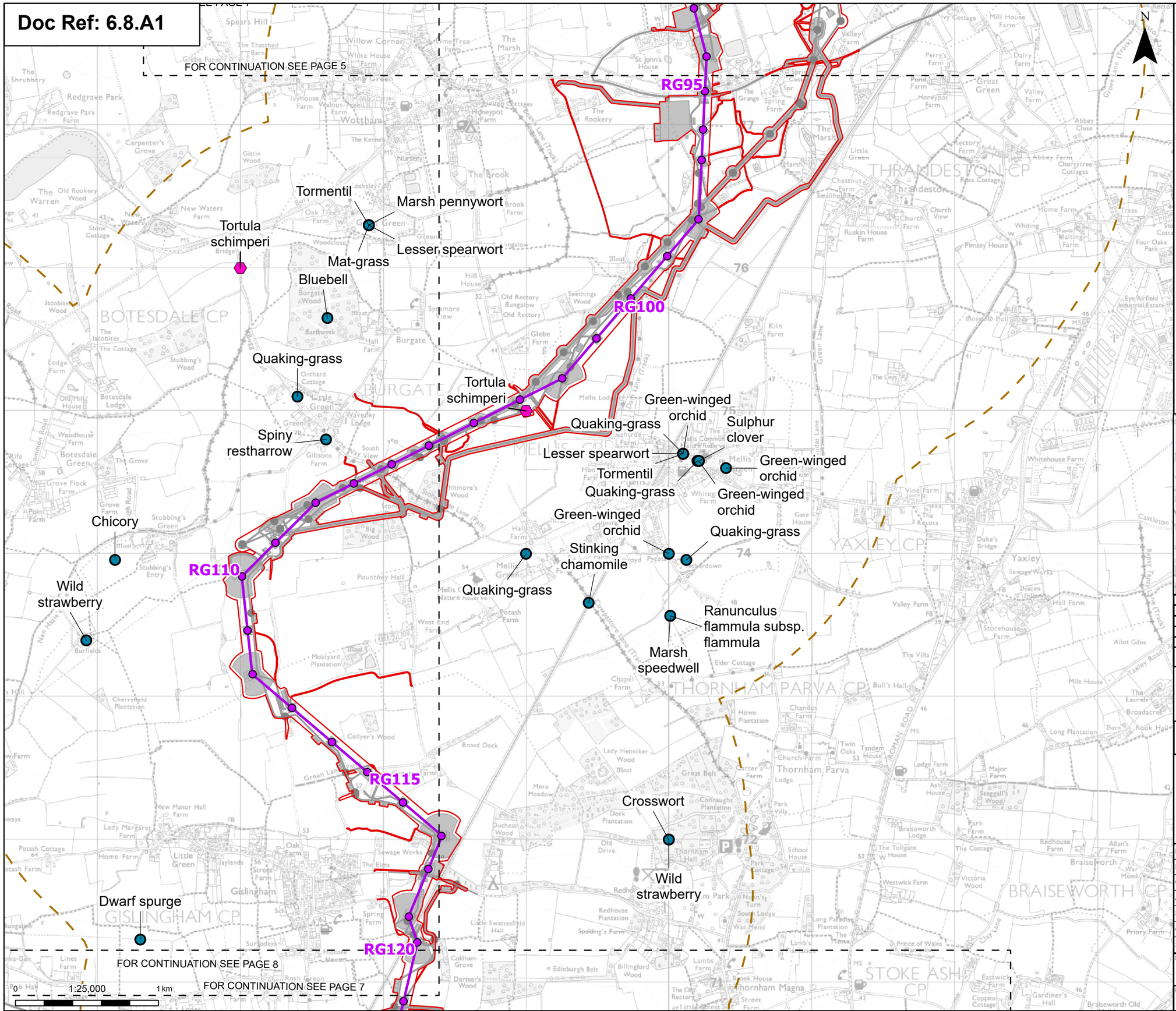

Order limits

Sheet index cutline

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

2 km Study Area

Protected / notable plant species (desk study records)

Protected / notable species of mosses or fungi (desk study records)

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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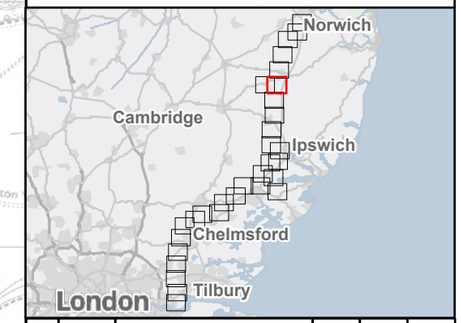

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 6 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:49:01

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Quaking-grass
Common cudweed
Heather
FOR CONTINUATION SEE PAGE 5
Marsh pennywort
Tormentil
Mat-grass
Tortula schimperi
Lesser spearwort
Bluebell
Quaking-grass
Spiny restharrow
Chicory
RG110
Wild strawberry
FOR CONTINUATION SEE PAGE 6
RG115
Dwarf spurge
RG120
FOR CONTINUATION SEE PAGE 8

HELMINGHAM CP
HINDERCLAY CP
BOTESDALE CP
RICKINGHALL SUPERIOR CP
RICKINGHALL INFERIOR CP
WALSHAM-LE-WILLOWS CP
GISLINGHAM CP
WATTISFIELD CP

0 1:25,000 1 km

Print Date: 04-24-26 13:49:05

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

2 km Study Area
Protected / notable plant species (desk study records)
Protected / notable species of mosses or fungi (desk study records)

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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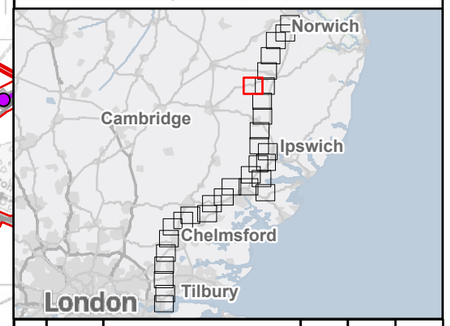

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 7 of 31

Designed	A. Pinkney	Date	May 26
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Approved	K. Burrows	Date	May 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-00338
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FOR CONTINUATION SEE PAGE 7

FOR CONTINUATION SEE PAGE 6

FOR CONTINUATION SEE PAGE 9

Stinking chamomile

Field scabious

Chicory

Tortula schimperi

RG125

RG130

RG135

RG140

N

0 1:25,000 1 km

Print Date: 04-24-26 13:49:09

- 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

- 2 km Study Area
- Protected / notable plant species (desk study records)
- Protected / notable species of mosses or fungi (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 8 of 31

Designed	A. Pinkney	Date	May 26
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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-00338

Revision: B

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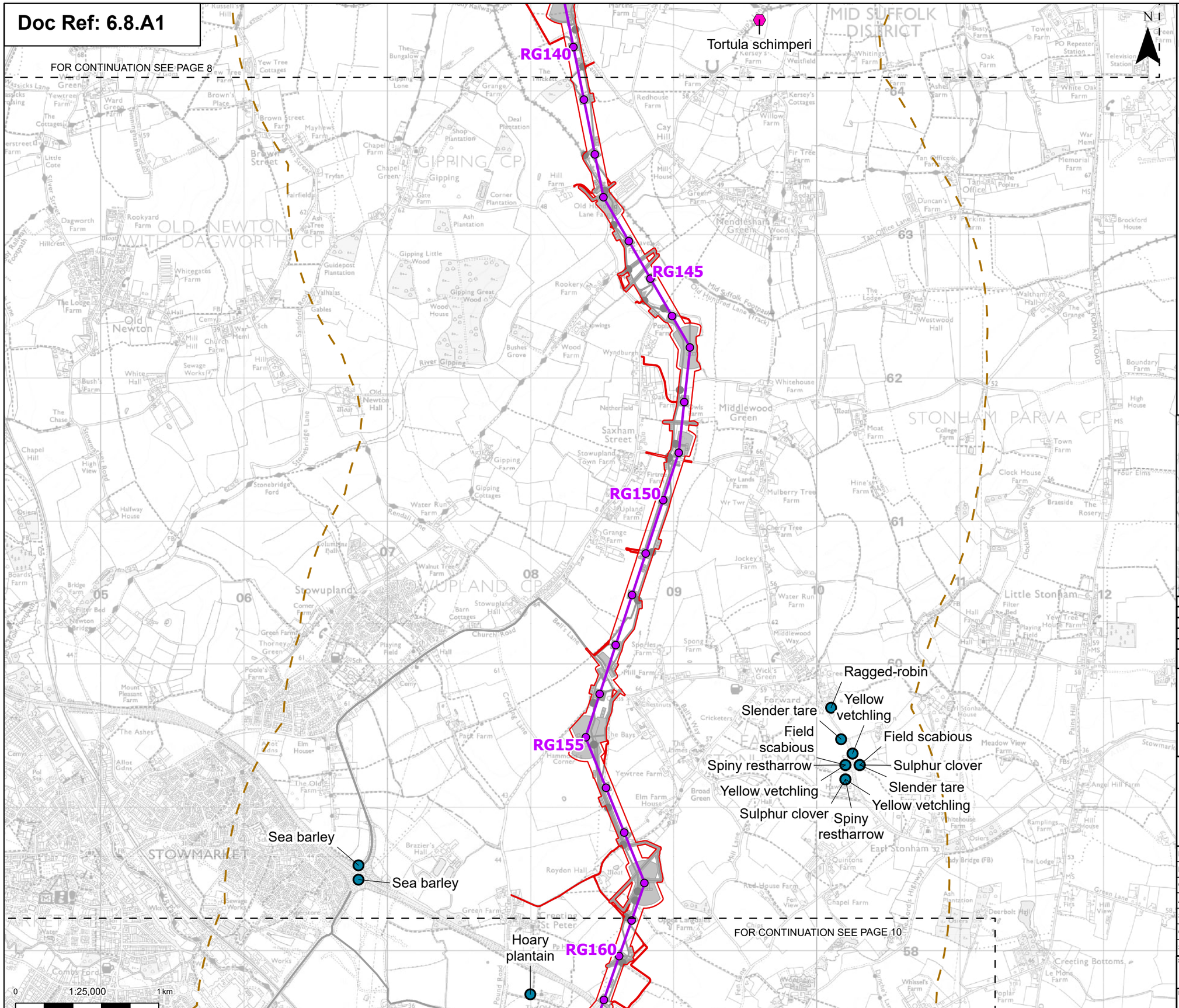

FOR CONTINUATION SEE PAGE 10

- 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

- 2 km Study Area
- Protected / notable plant species (desk study records)
- Protected / notable species of mosses or fungi (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 9 of 31

Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

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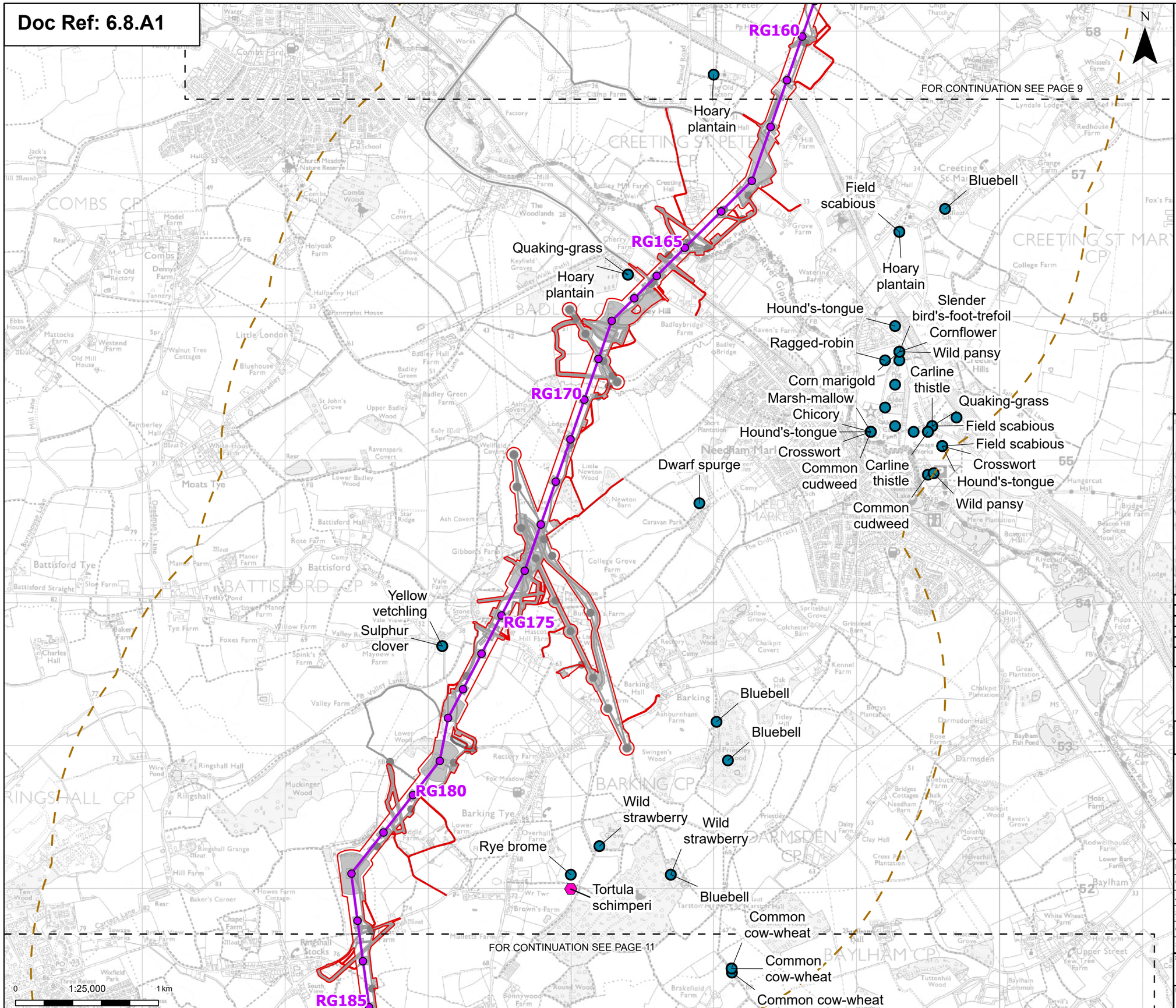

Order limits

Sheet index cutline

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

2 km Study Area

Protected / notable plant species (desk study records)

Protected / notable species of mosses or fungi (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 10 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:49:17

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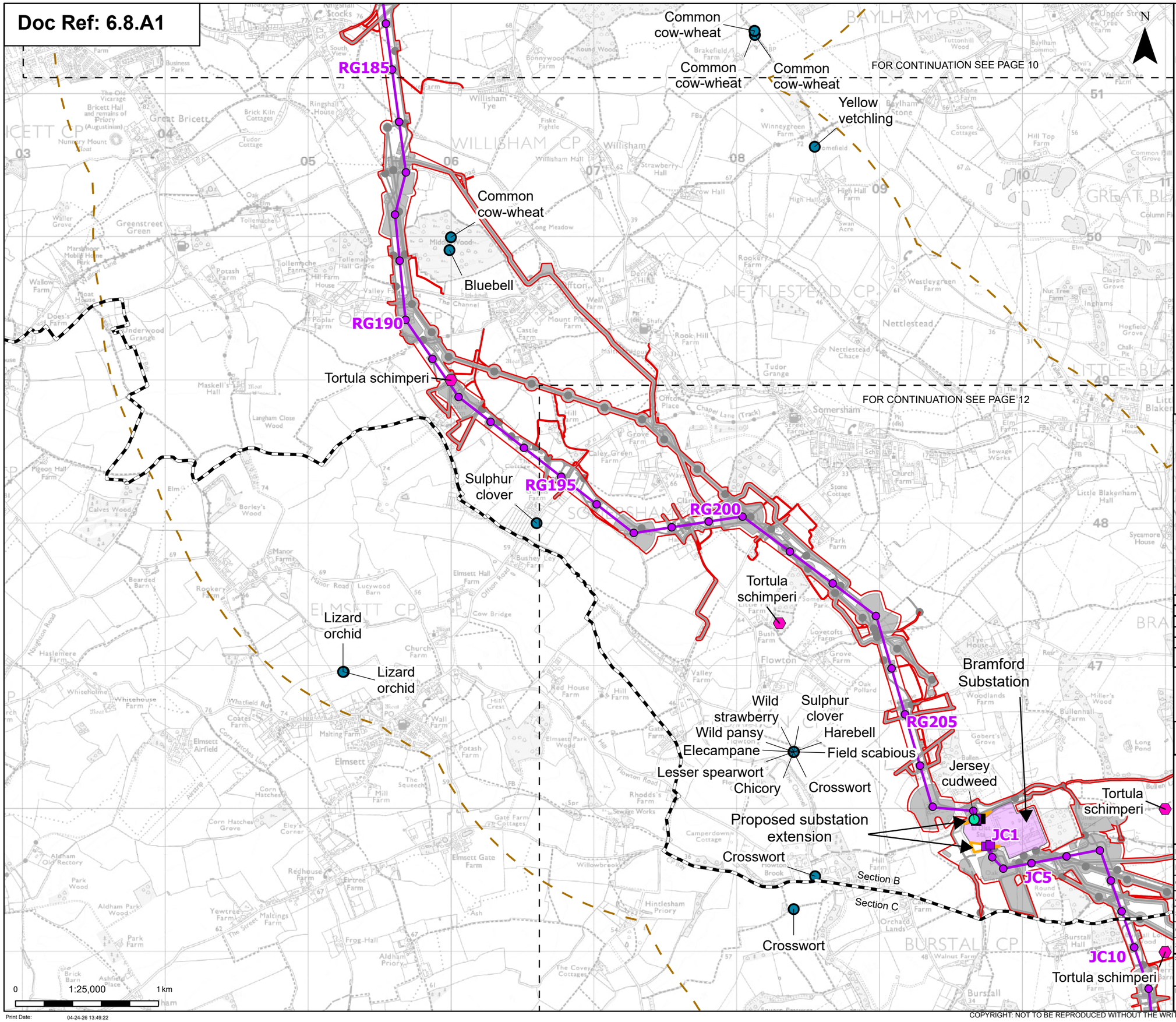

Proposed project design details

- 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

- 2 km Study Area
- Protected / notable plant species (field survey record)
- Protected / notable plant species (desk study records)
- Protected / notable species of mosses or fungi (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 11 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:49:22

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RG200
RG205
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Tortula schimperi
Wild strawberry
Sulphur clover
Wild pansy
Harebell
Elecampane
Field scabious
Lesser spearwort
Chicory
Crosswort
Jersey cudweed
Section B
Section C
Wild clary
Bluebell
Hoary plantain
Oak-leaved goosefoot
FOR CONTINUATION SEE PAGE 11
FOR CONTINUATION SEE PAGE 13
FOR CONTINUATION SEE PAGE 14
BRAMFORD CP
BURSTAL CP
SPROUGHTON CP
HINTLESHAM CP
CHATTISHAM CP
0 1:25,000 1 km

Print Date: 04-24-26 13:49:26

N

- Order limits
- Sheet index cutline
- 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

- 2 km Study Area
- Protected / notable plant species (field survey record)
- Protected / notable plant species (desk study records)
- Protected / notable species of mosses or fungi (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 12 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

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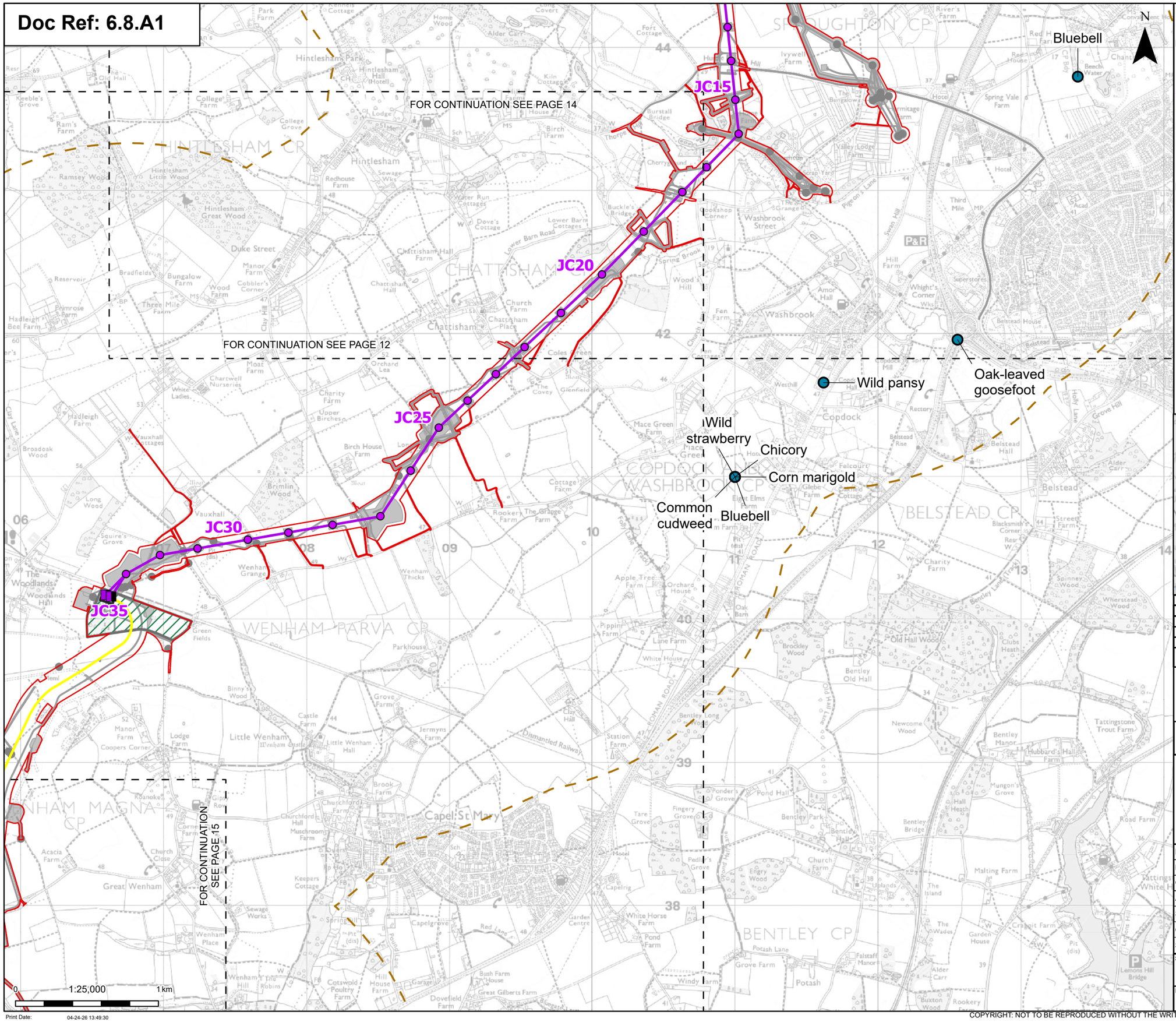

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Order limits

Sheet index cutline

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
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Protected / notable plant species (desk study records)

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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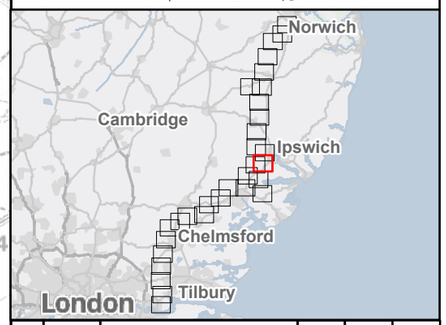

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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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-00338

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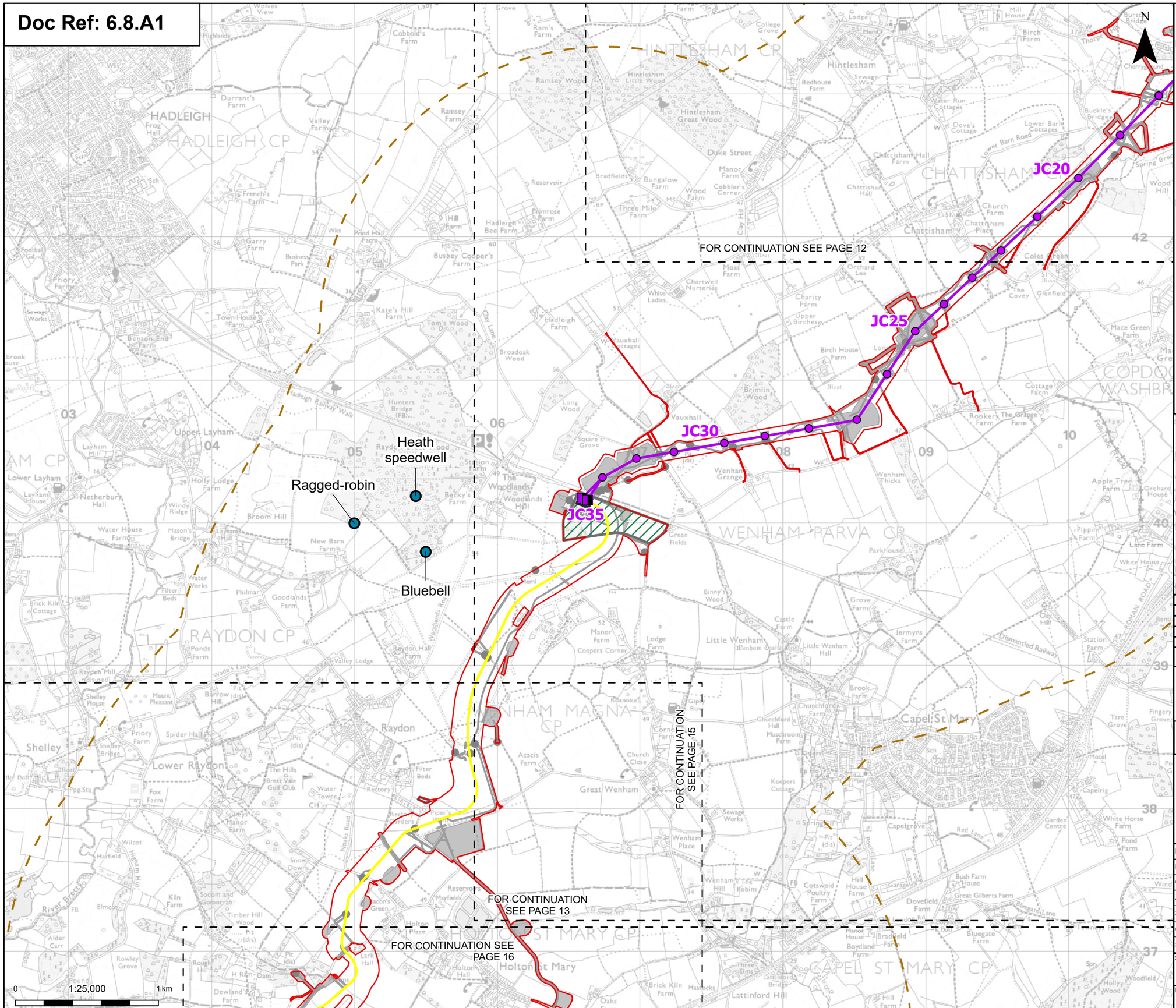

Order limits

Sheet index cutline

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

- 2 km Study Area
- Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
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Approved	K. Burrows	Date	May 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-00338

Revision: B

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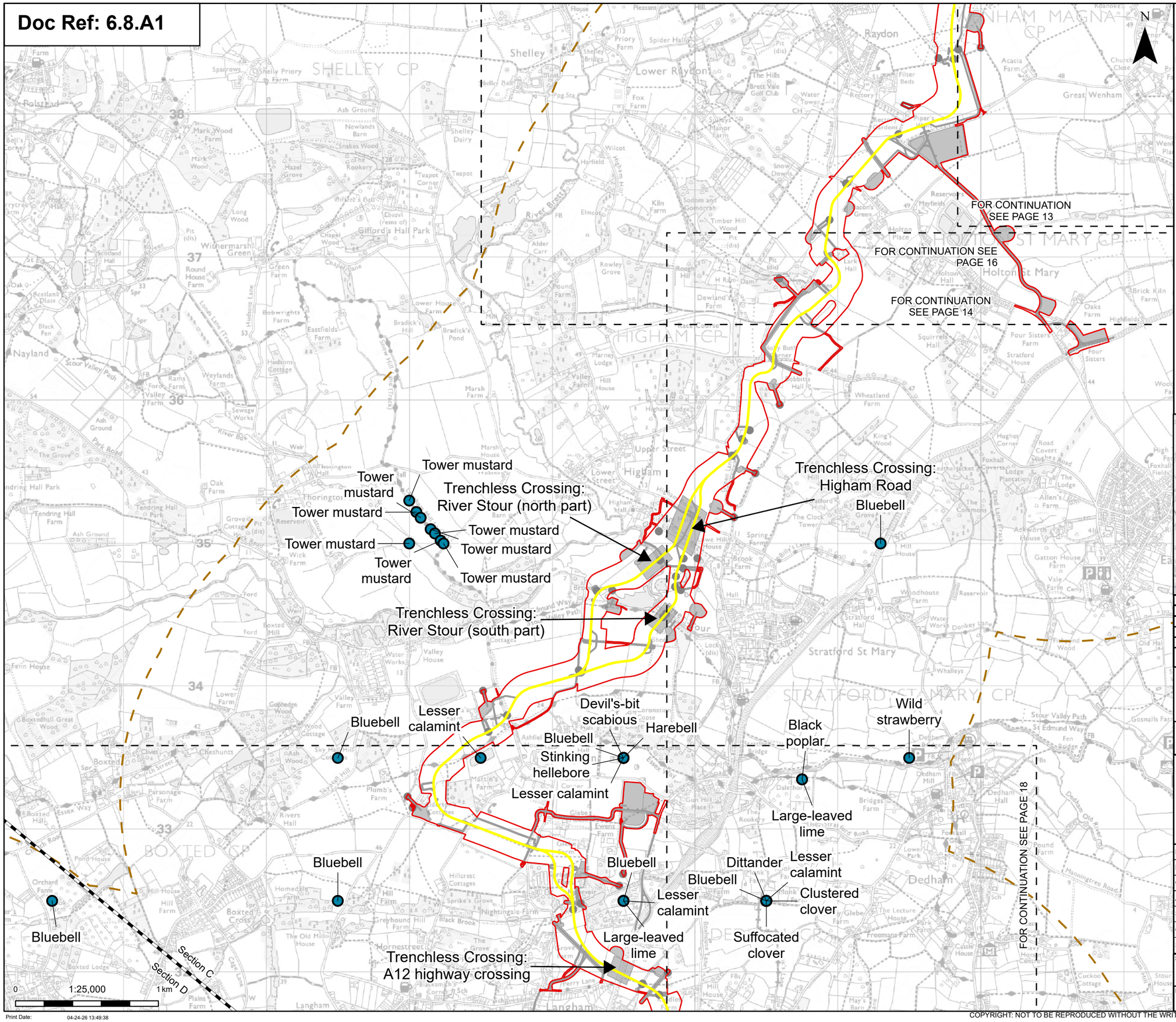

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed underground cable alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Protected / notable plant species (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
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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-00338

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FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 15

FOR CONTINUATION SEE PAGE 18

FOR CONTINUATION SEE PAGE 17

Trenchless Crossing: Higham Road

Bluebell

Wild strawberry

Black poplar

Large-leaved lime

Clustered clover

Lesser calamint

Bluebell

Dittander

Suffocated clover

Bluebell

Field scabious

Wood-sorrel

Black poplar

Field scabious

Early meadow-grass

Harebell

0 1:25,000 1 km

N

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Protected / notable plant species (desk study records)

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	May 2026	FOR DCO APPLICATION	NB	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 16 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:49:42

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Field scabious

Harebell

FOR CONTINUATION SEE PAGE 16

TB10

Jersey cudweed

Jersey cudweed

Early meadow-grass

Proposed EACN Substation

TB1

TB5

Jersey cudweed

Trenchless Crossing: Railway crossing (east of Ardleigh)

Early meadow-grass

Early meadow-grass

Early meadow-grass

Dittander

FOR CONTINUATION SEE PAGE 18

N

0 1:25,000 1 km

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Order limits

Sheet index cutline

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

- 2 km Study Area
- Protected / notable plant species (field survey record)
- Protected / notable plant species (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 17 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 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-00338

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Bluebell
Lesser calamint
Bluebell
Stinking hellebore
Harebell
Lesser calamint
Large-leaved lime
Wild strawberry
Black poplar
Bluebell
Bluebell
Dittander
Lesser calamint
Clustered clover
Bluebell
Lesser calamint
Large-leaved lime
Suffocated clover
Trenchless Crossing: A12 highway crossing
Early meadow-grass
Harebell
Small cudweed
Jersey cudweed
Bluebell
Dittander
Trenchless Crossing: Railway crossing (eas of Ardleigh)
Tormentil
Jersey cudweed

TB30
TB25
TB20
TB15
TB10

FOR CONTINUATION SEE PAGE 19
FOR CONTINUATION SEE PAGE 15
FOR CONTINUATION SEE PAGE 16
FOR CONTINUATION SEE PAGE 17
Section C
Section D

BOXTED CP
LANGHAM CP
DEDHAM CP
ARDLEIGH CP

0 1:25,000 1 km

Print Date: 04-24-26 13:49:50

N

Order limits
Sheet index cutline
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 cable sealing end (CSE) compound
Environmental area
Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area
Protected / notable plant species (field survey record)
Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 18 of 31

Designed	A. Pinkney	Date	May 26
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Approved	K. Burrows	Date	May 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-00338
Revision: B

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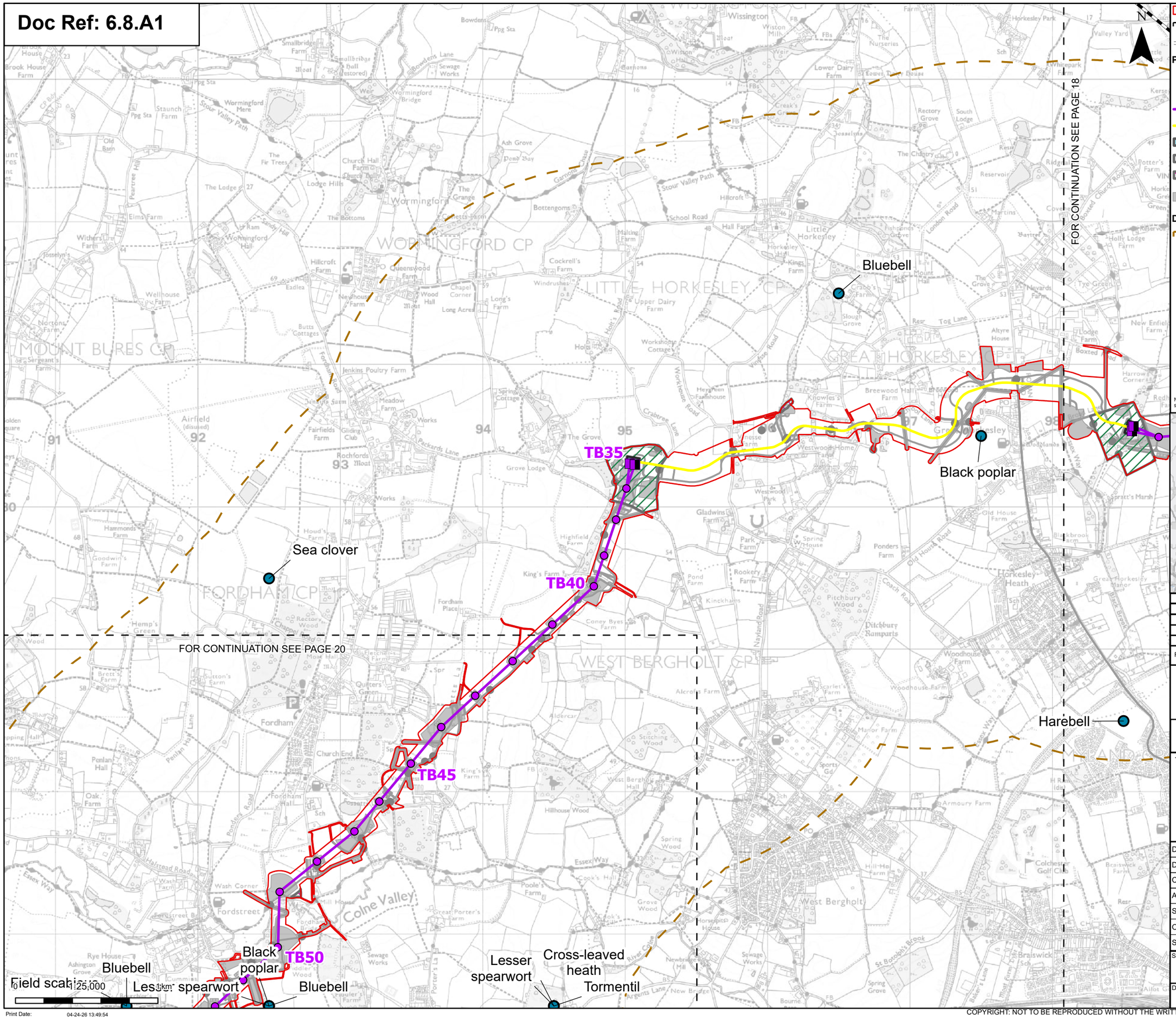

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- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- Protected / notable plant species (desk study records)

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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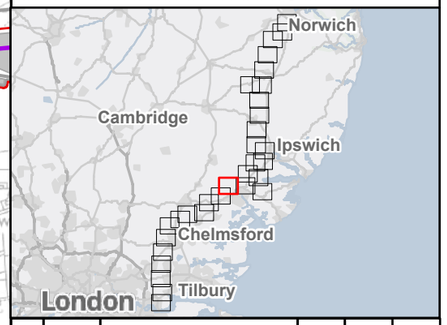

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:49:54

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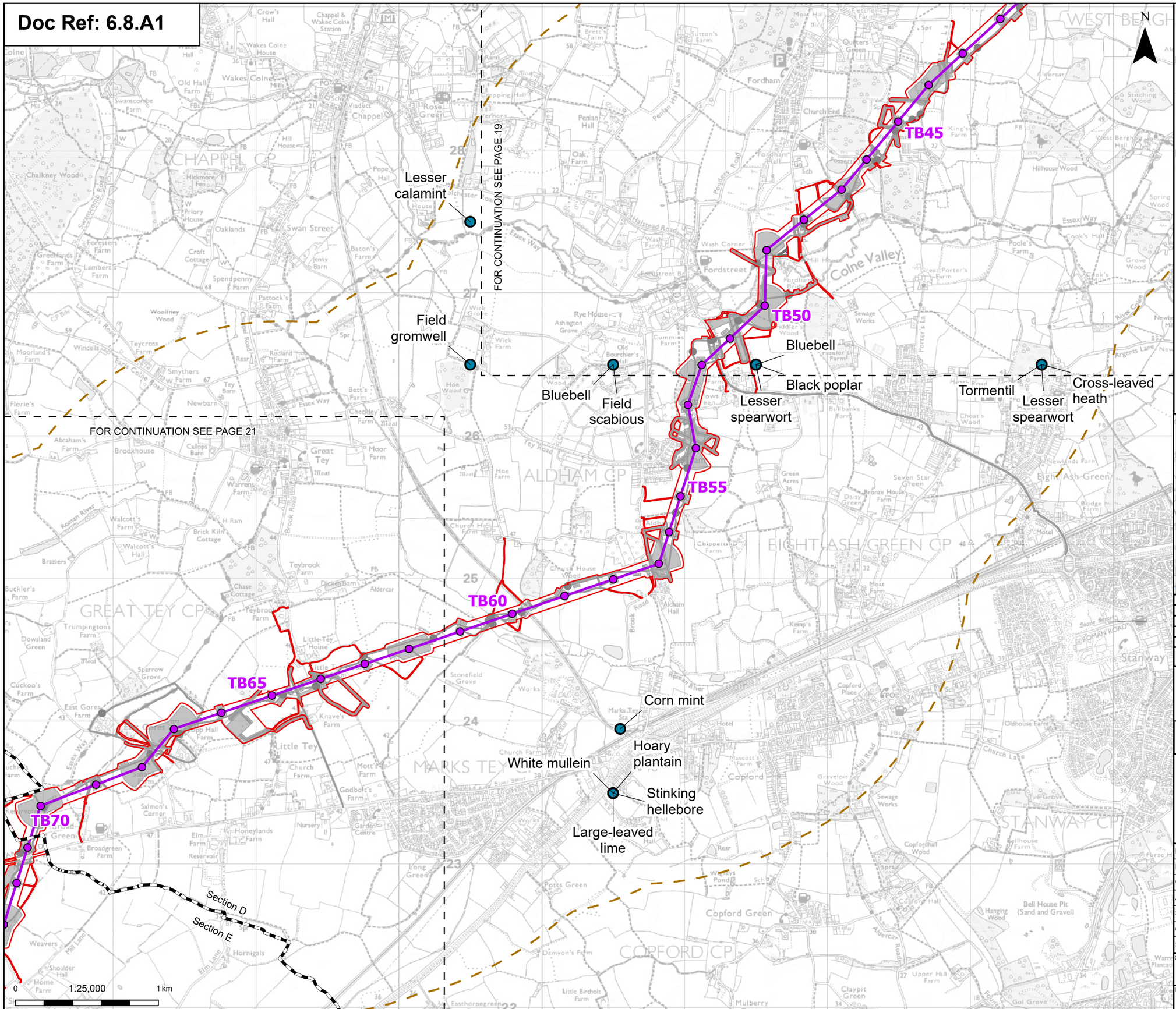
Doc Ref: 6.8.A1



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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
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Protected / notable plant species (desk study records)

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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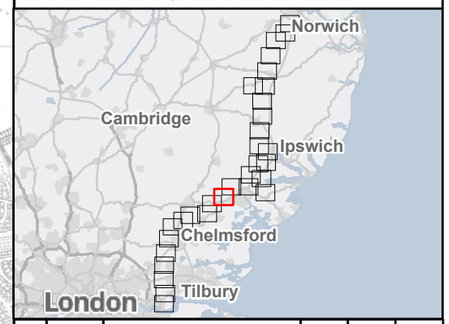

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

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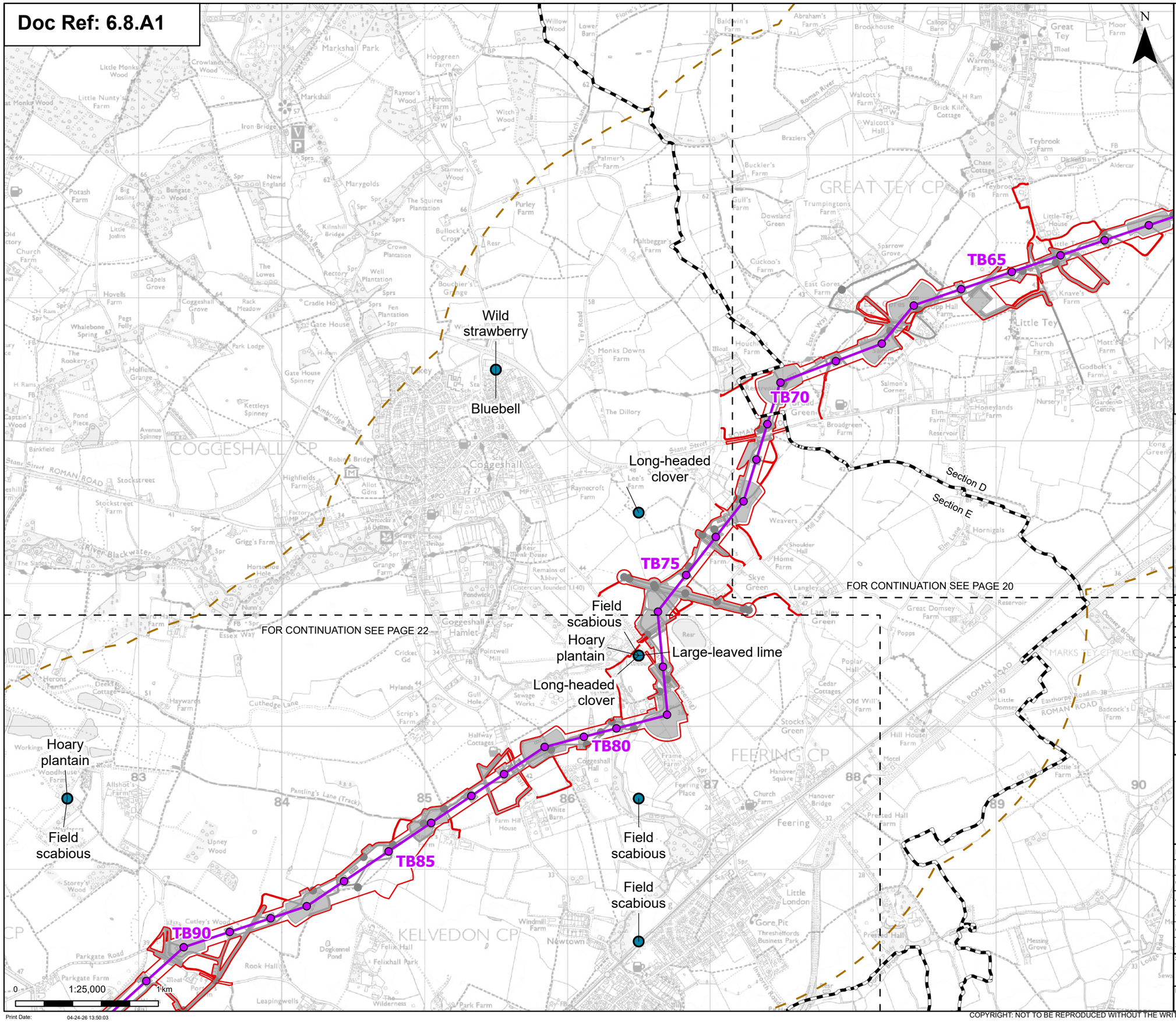

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
Protected / notable plant species (desk study records)

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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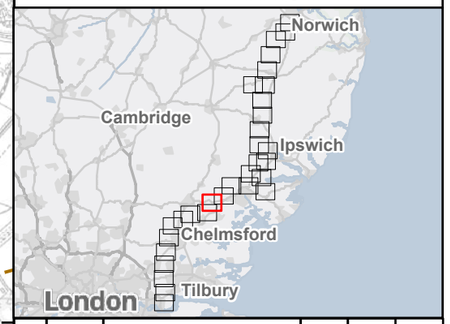

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

Revision: B

Print Date: 04-24-26 13:50:03

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Field scabious
Hoary plantain
Large-leaved lime
Long-headed clover
TB80
Small cudweed
Field scabious
Hoary plantain
Field scabious
TB85
Field scabious
FOR CONTINUATION SEE PAGE 23
Corn spurrey
Hoary plantain
Field scabious
TB90
FOR CONTINUATION SEE PAGE 21
Field scabious
Dittander
Marsh-mallow
Woad
Hoary plantain
White horehound
TB95
TB100
Hoary plantain
Field scabious
ROMAN ROAD
0 1:25,000 1 km

Print Date: 04-24-26 13:50:07

N

- 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

- 2 km Study Area
- Protected / notable plant species (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338
Revision: B

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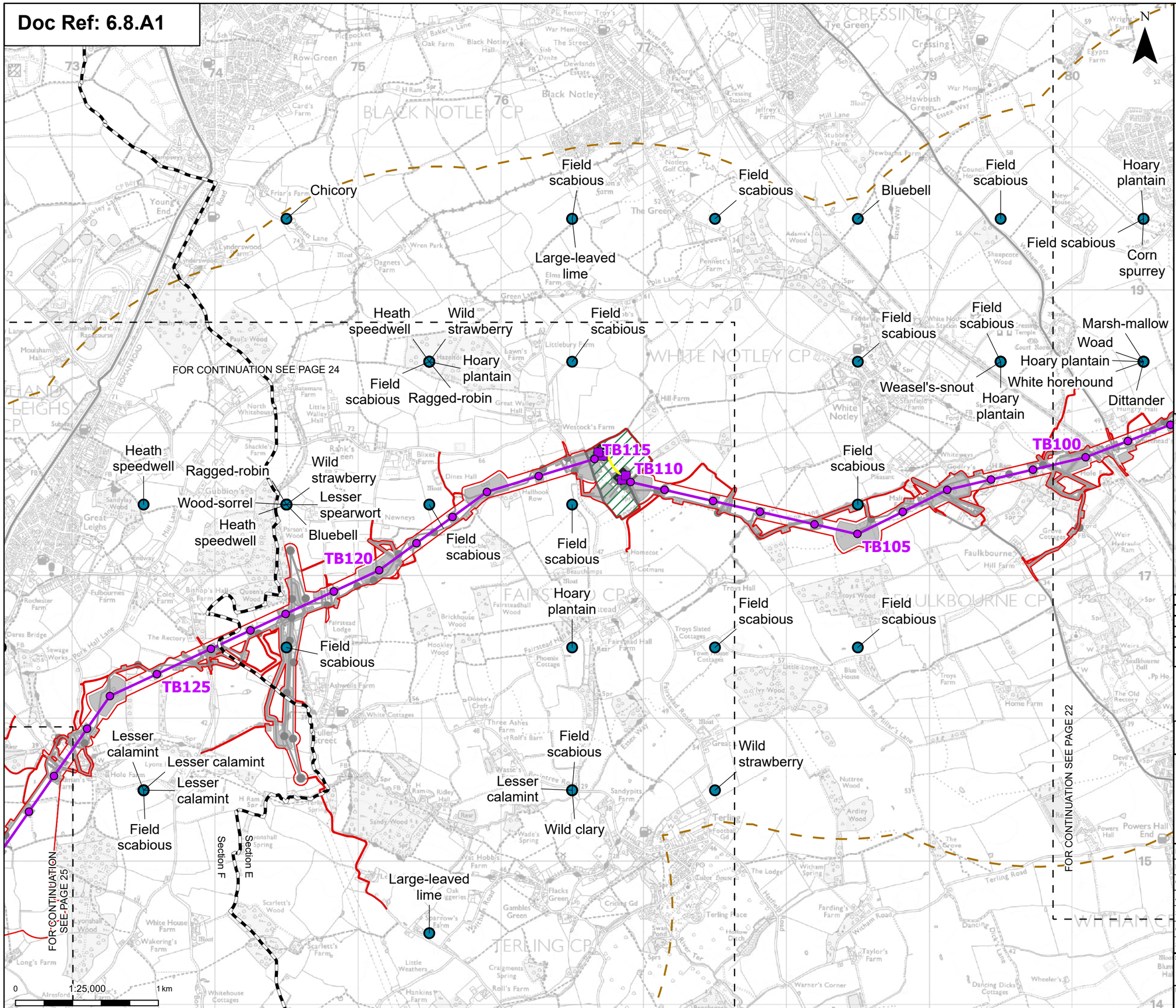
Doc Ref: 6.8.A1



Print Date: 04-24-26 13:50:11

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
Protected / notable plant species (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 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-00338

Revision: B

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Ragged-robin
Hoary plantain
Wild strawberry
Heath speedwell
Field scabious
Field scabious
Heath speedwell
Heath speedwell
Wild strawberry
Wood-sorrel
Lesser spearwort
Ragged-robin
Bluebell
TB115
TB110
TB120
Field scabious
Field scabious
Field scabious
Field scabious
Field scabious
Large-leaved lime
Hoary plantain
Field scabious
TB125
Field scabious
Field scabious
Hoary plantain
Bluebell
Field scabious
Lesser calamint
Lesser calamint
Lesser calamint
Field scabious
Field scabious
Lesser calamint
Wild strawberry
Wild clary
TB130
FOR CONTINUATION SEE PAGE 25
FOR CONTINUATION SEE PAGE 23
Section F
Section E
Large-leaved lime
Field scabious
TB135
Hoary plantain
Field scabious
TB140
Hoary plantain
Lesser calamint
Lesser calamint
Black poplar
TB145
0
1:25,000
1 km
N

Order limits
Sheet index cutline
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
Environmental mitigation
Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area
Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338
Revision: B

Print Date: 04-24-26 13:50:17

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Field scabious

Bluebell

Field scabious

Field scabious

Hoary plantain

Field scabious

Field scabious

Hoary plantain

Bluebell

Hoary plantain

Field scabious

Ragged-robin

Lesser calamint

Lesser calamint

Black poplar

Lesser calamint

TB130

TB135

TB140

TB145

TB150

TB155

FOR CONTINUATION SEE PAGE 23

FOR CONTINUATION SEE PAGE 24

FOR CONTINUATION SEE PAGE 26

N

0 1:25,000 1 km

Print Date: 04-24-26 13:50:21

Order limits

Sheet index cutline

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

2 km Study Area

Protected / notable plant species (desk study records)

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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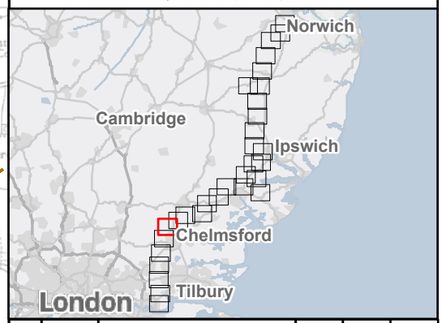

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

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Doc Ref: 6.8.A1

Field scabious

Ragged-robin

Field scabious

Lesser calamint

Field scabious

Field scabious

Hoary plantain

Field pepperwort

Hoary plantain

TB150

TB155

TB160

TB165

TB170

TB175

FOR CONTINUATION SEE PAGE 25

FOR CONTINUATION SEE PAGE 27

0 1:25,000 1 km

Print Date: 04-24-26 13:50:25

N

- Order limits
- Sheet index cutline

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

- 2 km Study Area
- Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

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FOR CONTINUATION SEE PAGE 26

FOR CONTINUATION SEE PAGE 28

TB175

TB180

TB185

TB190

TB195

Bluebell

Bluebell

Bluebell

Section F

Section G

0 1:25,000 1 km

Print Date: 04-24-26 13:50:29

N

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

2 km Study Area

Protected / notable plant species (desk study records)

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338

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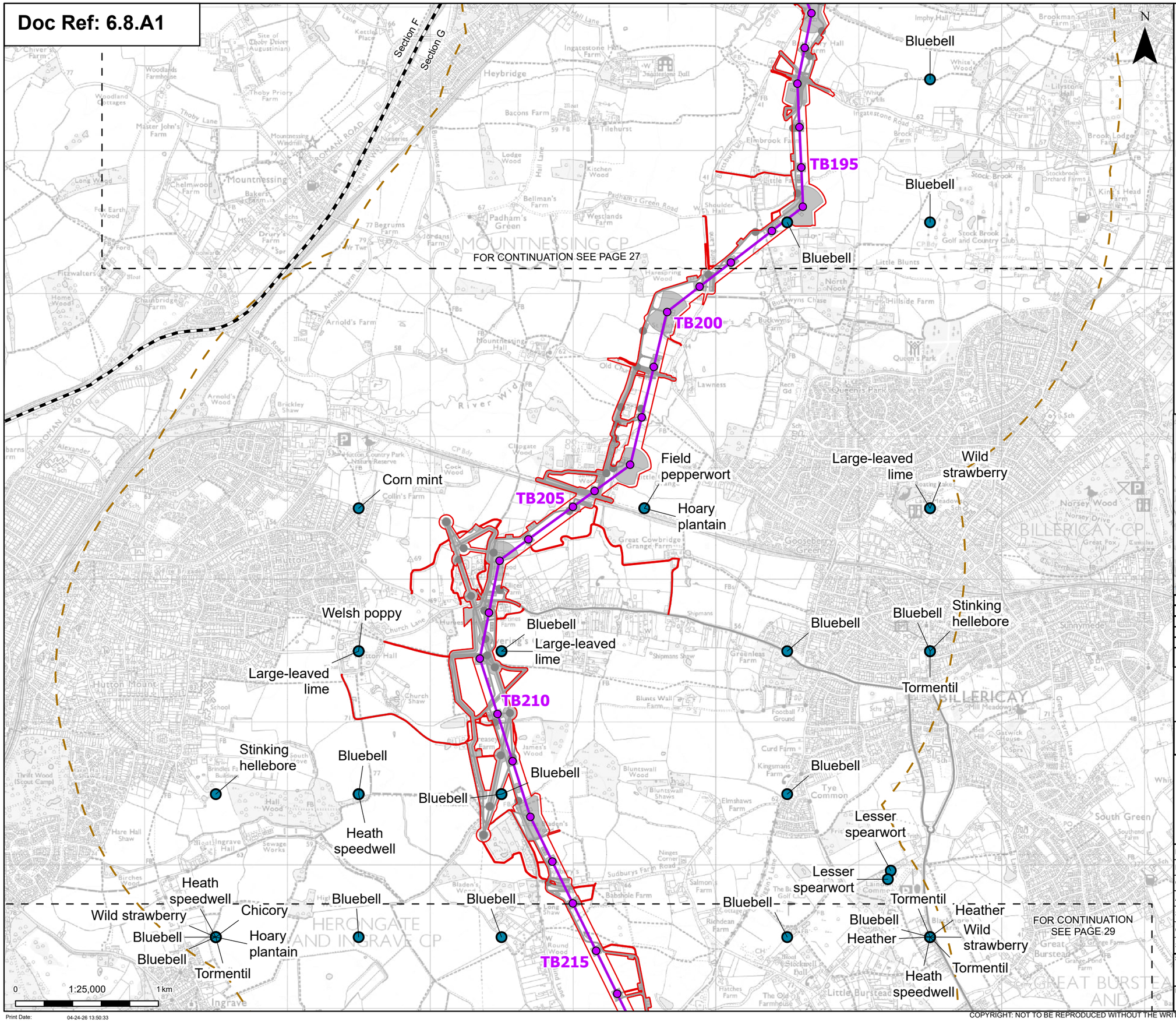

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 28 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338
Revision: B

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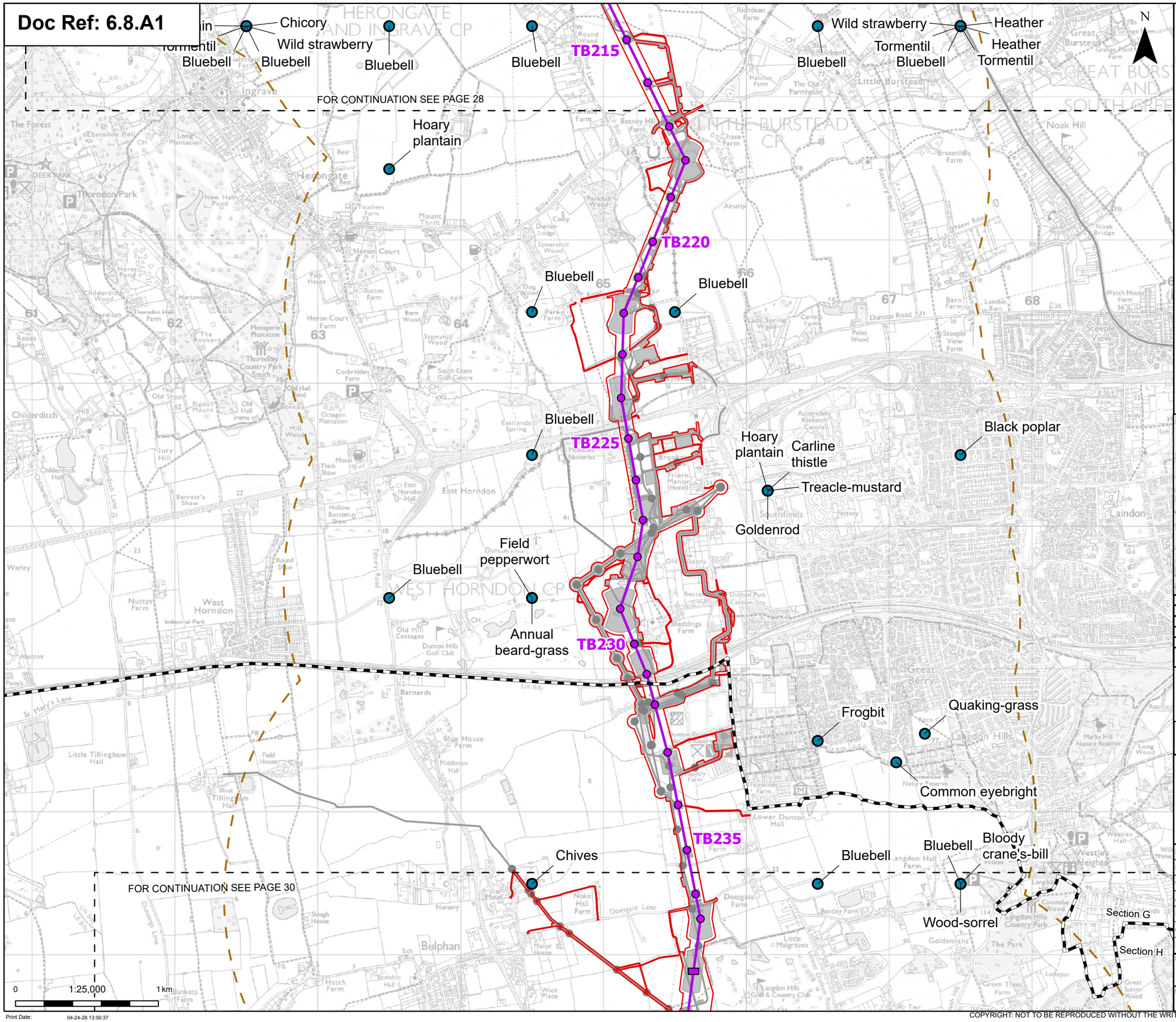

Order limits
Sheet index cutline
Project section line

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

2 km Study Area
Protected / notable plant species (desk study records)

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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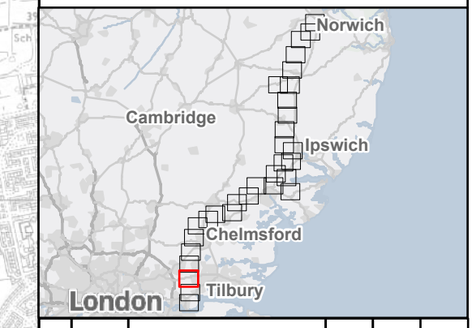

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 29 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00338
Revision: B

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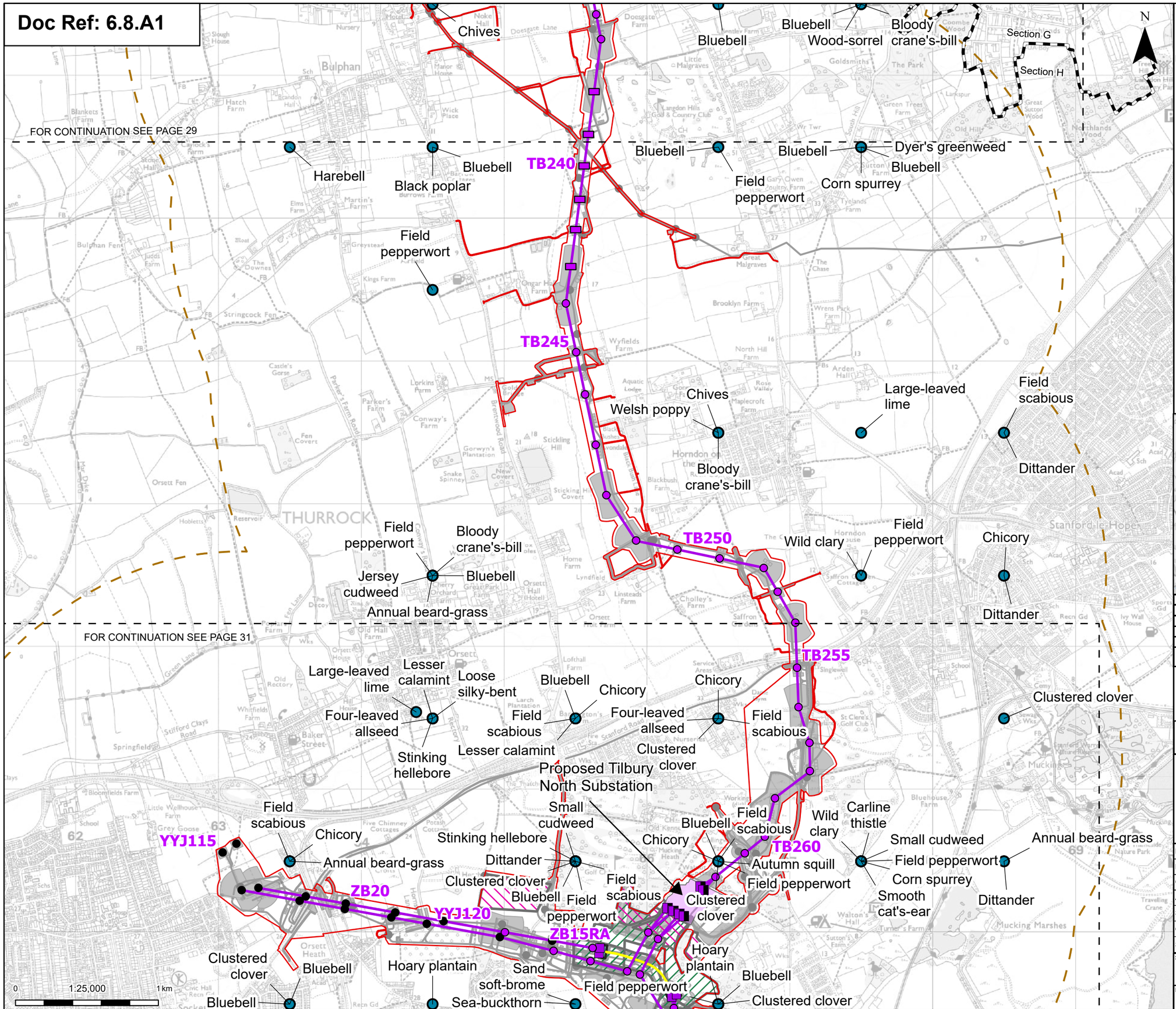

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- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed low height pylon location
- 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

- 2 km Study Area
- Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 30 of 31

Designed	A. Pinkney	Date	May 26
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Approved	K. Burrows	Date	May 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-00338 Revision: B

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TB255
TB260
ZB20
ZB15RA
YYJ115
YYJ120
YYJ125R
ZB10
YYJ130
Proposed Tilbury North Substation

Lesser calamint
Loose silky-bent
Stinking hellebore
Four-leaved allseed
Annual beard-grass
Field scabious
Bluebell
Chicory
Clustered clover
Small cudweed
Dittander
Field pepperwort
Sand soft-brome
Sea-buckthorn
Hoary plantain
Wild clary
Carline thistle
Autumn squill
Corn spurrey
Smooth cat's-ear
Jersey cudweed
Black poplar

FOR CONTINUATION SEE PAGE 30

0 1:25,000 1 km

Print Date: 04-24-26 13:50:47

Order limits
Sheet index cutline

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

2 km Study Area
Protected / notable plant species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.5 - Ecology and Biodiversity - Protected / Notable Plant Species
Page 31 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
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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-00338
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Figure A8.1.6 - Invasive Plant Species (Revision C)

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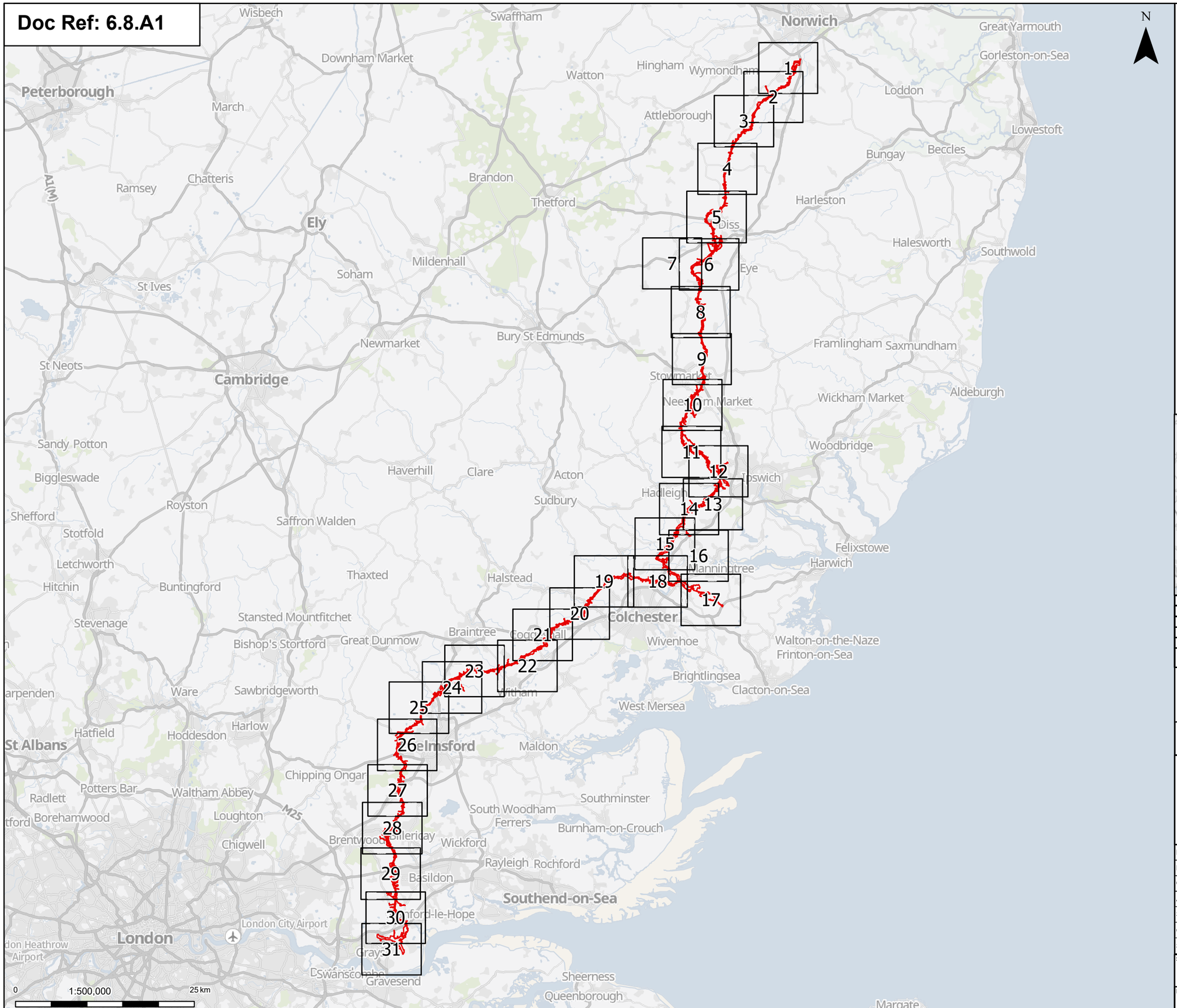

Rev	Date	Description	Drawn	Check	Approv
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species Overview

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

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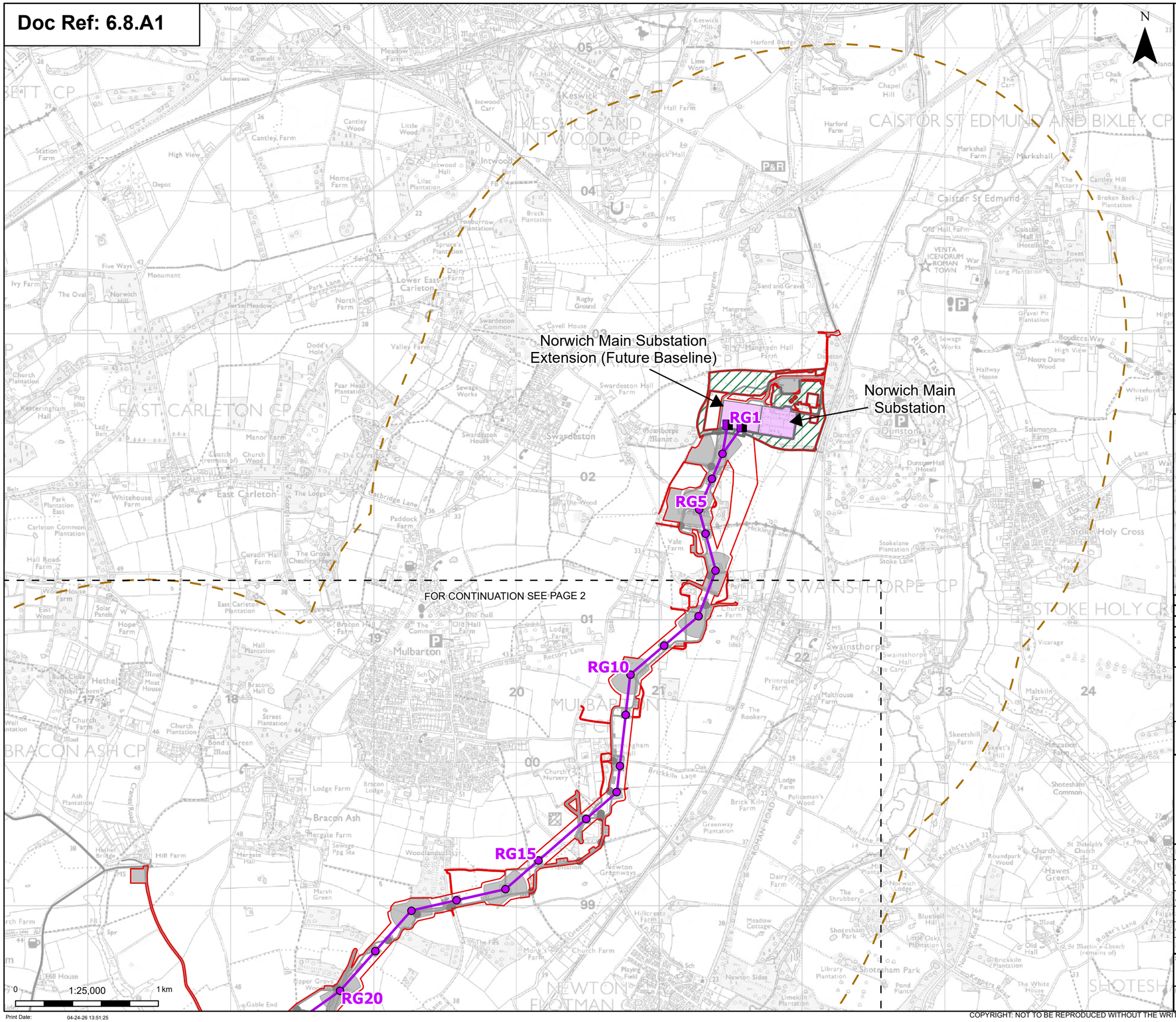

Order limits

Sheet index cutline

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

2 km 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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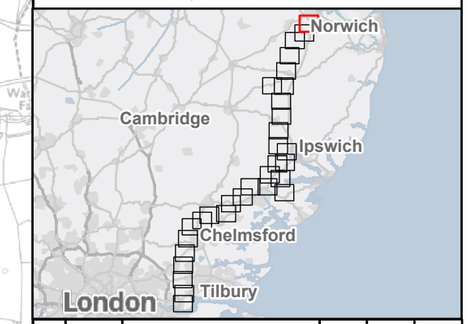

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species Page 1 of 31

Designed	A. Pinkney	Date	May 26
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Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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RG10
RG15
RG20
RG25
RG30
RG35

FOR CONTINUATION SEE PAGE 1
FOR CONTINUATION SEE PAGE 3

0 1:25,000 1 km

Print Date: 04-24-26 13:51:27

N

Order limits
Sheet index cutline

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

2 km 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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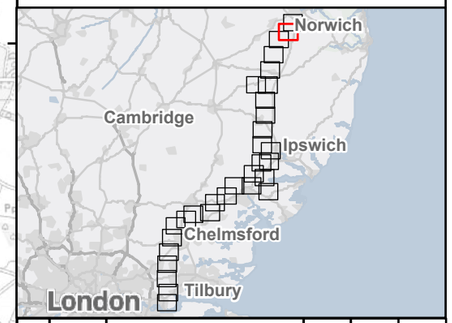

Rev	Date	Description	Drawn	Check	Approv
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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 2 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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RG25
RG30
RG35
RG40
RG45

FOR CONTINUATION SEE PAGE 2

FOR CONTINUATION SEE PAGE 4

0 1:25,000 1 km

Print Date: 04-24-26 13:51:29

N

- Order limits
- Sheet index cutline

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

- 2 km 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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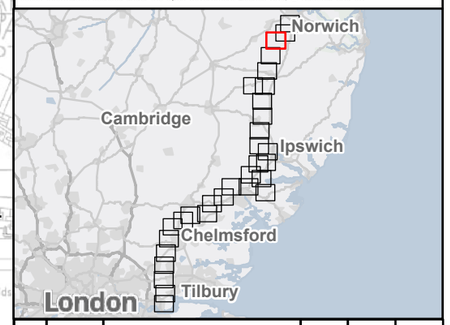

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 3 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
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Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

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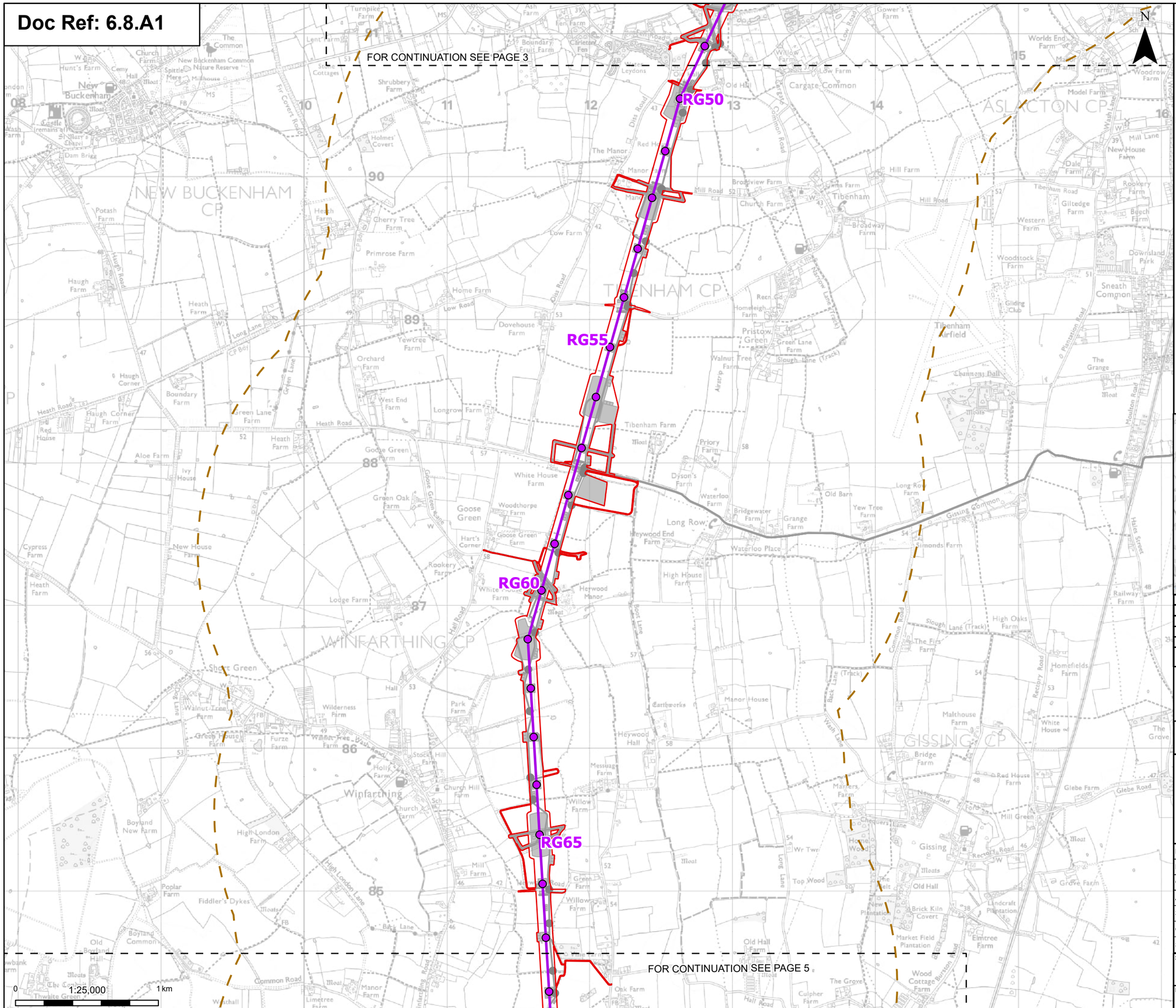
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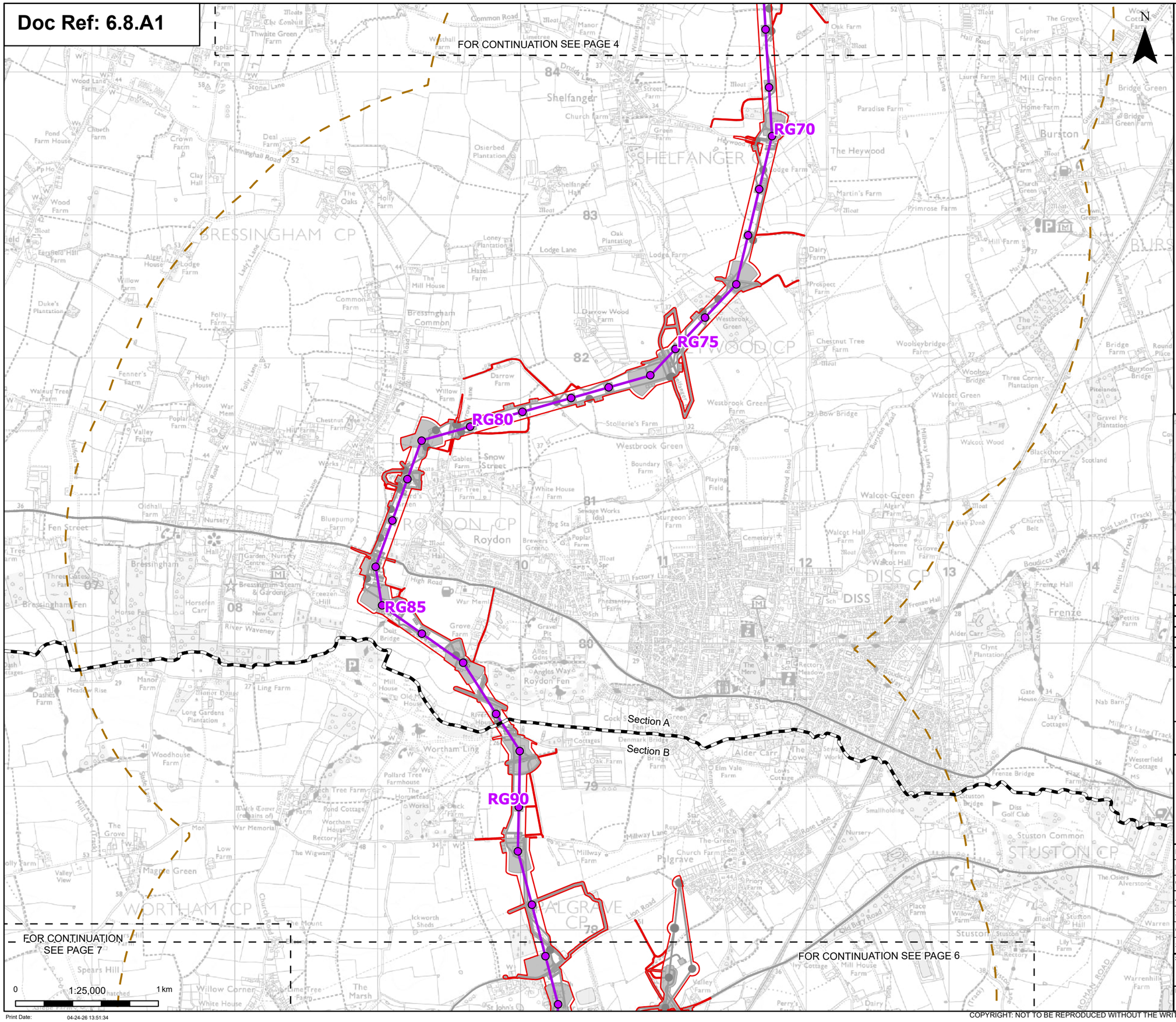
ASLACTON CP
WINFARTHING CP
GISSING CP
New Buckenham
Tibenham
Winfarthing
Gissing
Cargate Common
Goose Green
Tibenham Airfield
Sneath Common
Gissing Common
Boyland Common
Old Buckenham Hall
Moats
Thwaite Green
Common Road
Limetree Farm
Manor Farm
Oak Farm
Wood Cottage Farm
Elmtree Farm
Market Field Plantation
Brick Kiln Covert
Lindcraft Plantation
Old Hall
Gissing Hall
Manor House
Earthworks
Malthouse Farm
Homefields Farm
High Oaks Farm
The Firs Farm
Slough Lane (Track)
Back Lane (Track)
Green Lane (Track)
Hall Road
Mill Road
Church Road
Low Road
Hill Road
Tibenham Road
New Road
Ford Road
Mill Green
Rectory Road
Glebe Road
Glebe Farm
Red House Farm
Grove Farm
The Grove
Culpher Farm
Wood Cottage Farm
Railway Farm
Woodrow Farm
Worlds End Farm
Model Farm
Dale Farm
New House Farm
Gilledge Farm
Western Farm
Woodstock Farm
Downland Park
Beech Farm
Rookery Farm
Broadview Farm
Church Farm
Broadway Farm
Manor Farm
The Manor
Red House
Holmes' Covert
Shrubbery Farm
Fir Covert Road
Dam Brigg
Castle (remains of)
St Mary's Chapel
Moat
Hunt's Farm
Church Farm
New Buckenham Common Nature Reserve
Spittle Mere
Millhouse
Cemy
Hall
Wash Farm
Potash Farm
Haugh Farm
Haugh Road
Haugh Corner
Haugh Corner Farm
Heath Farm
Heath Road
Red House
Aloe Farm
Ivy House
Cypress Farm
New House Farm
Boundary Farm
Green Lane Farm
Green Lane
Long Lane
Cherry Tree Farm
Primrose Farm
Low Farm
Home Farm
Dovehouse Farm
Yewtree Farm
Orchard Farm
West End Farm
Longrow Farm
Goose Green Farm
Green Oak Farm
Woodthorpe Farm
Hart's Corner
Rookery Farm
Heywood End Farm
Heywood Manor
High House Farm
Waterloo Place
Waterloo Farm
Bridgewater Farm
Grange Farm
Priory Farm
Dyson's Farm
Tibenham Farm
White House Farm
Willow Farm
Church Hill Farm
Holly Farm
Stock Hill Farm
Messuage Farm
Furze Farm
Wilderness Farm
Walnut Tree Farm
Green House Farm
Park Farm
Hall
Lodge Farm
Short Green
Boyland New Farm
High London Farm
Poplar Farm
Fiddler's Dykes
Mill Farm
Green Farm
Top Wood
Old Barn
Yew Tree Farm
Simonds Farm
Long Row
Pristow Green
Homeleigh Farm
Green Lane Farm
Slough Lane (Track)
Walnut Tree Farm
Airstrip
Channons Ball
The Grange
Meat
Moats
Gliding Club
Mill Lane
Hales Street
Moulton Road
Plantation Road
Harrow Lane (Track)
Reen Gd
Turnpike Farm
Lent Farm
Boundary Fruit Farm
Carleton Fen
Ash Farm
Low Road
Gower's Farm
Willow Farm
Leydons
Stile Cottages
Old Hall
Cargate Common
Wash Lane
Sch
FB
MS
W
Cr Bdy
Cemy
Mill
Meat
Moats
Earthworks
Sch
Church
Chapel
Hall
Manor
Farm
Cottages
Lodge
Boundary
Fruit
Carleton
Fen
Ash
Low
Gower's
Willow
Leydons
Old Hall
Cargate Common
Wash
Model
Dale
Mill
Gilledge
Western
Woodstock
Downland
Beech
Rookery
Broadview
Church
Broadway
Manor
Red House
Holmes' Covert
Shrubbery
Fir Covert
Dam Brigg
Castle
St Mary's
Hunt's
Church
Spittle
Mere
Millhouse
Cemy
Hall
Wash
Potash
Haugh
Haugh Corner
Heath
Red
Aloe
Ivy
Cypress
Boundary
Green Lane
Long Lane
Cherry Tree
Primrose
Low
Home
Dovehouse
Yewtree
Orchard
West End
Longrow
Goose Green
Green Oak
Woodthorpe
Hart's
Rookery
Heywood End
Heywood
High House
Waterloo
Bridgewater
Grange
Priory
Dyson's
Tibenham
White House
Willow
Church Hill
Holly
Stock Hill
Messuage
Furze
Wilderness
Walnut Tree
Green House
Park
Hall
Lodge
Short Green
Boyland New
High London
Poplar
Fiddler's Dykes
Mill
Green
Top Wood
Old Barn
Yew Tree
Simonds
Long Row
Pristow Green
Homeleigh
Green Lane
Slough Lane
Walnut Tree
Airstrip
Channons Ball
The Grange
Meat
Moats
Gliding Club
Mill Lane
Hales Street
Moulton Road
Plantation Road
Harrow Lane
Reen Gd
Turnpike
Lent
Boundary Fruit
Carleton Fen
Ash
Low
Gower's
Willow
Leydons
Stile Cottages

Doc Ref: 6.8.A1

FOR CONTINUATION SEE PAGE 4


RG70
RG75
RG80
RG85
RG90
Section A
Section B
SHELFANGER CP
BRESSINGHAM CP
WOOD CP
ROYDON CP
DISS CP
WORTHAM CP
ALGRAVE CP
STUSTON CP
BURS
Shelfanger
Bressingham Common
Westbrook Green
Roydon
Palgrave
Wortham Ling
Stuston
Burston
Mill Green
Diss
Frenze
Roydon Fen
Bressingham Fen
Horse Fen
Fen Street
Maggie Green
Spears Hill
Oldhall Farm
Woodhouse Farm
Long Gardens Plantation
Meadow Rise
Dashes Farm
Manor Farm
Ling Farm
Pollard Tree Farmhouse
Beech Tree Farm
Pond Cottage
Wortham House
Rectory
Millway Farm
Church Farm
The Green
Priory Farm
Mill House
Old House
Angles Way
Roydon Mill
Grove Farm
Gravel Pit
Allot Gdns
Sewage Works (dis)
Pog Sta
Sturgeon's Farm
Cemetery
Walcot Hall Farm
Walcot-Green
Algar's Farm
Home Farm
Grove Farm
Church Belt
Boudicca Way
Frenze Hall
Frenze Hall Lane
Pettits Lane (Track)
Pettits Farm
Alder Carr
Clynt Plantation
Gate House
Nab Barn
Lay's Cottages
Miller's Lane (Track)
Westerfield Cottage
Diss Golf Club
Smallholding
Rose Lane
Nursery
Place Farm
Willow Farm
Stuston Hall
Lily Farm
Warren
Warrenhill Farm
Rectory Meadow
The Mere
Ivy Cottage
Mill House Farm
Dairy Farm
Perry's Farm
Valley Farm
Ickworth Sheds
The Marsh
Willow Corner
White House Farm
Lime Tree Farm
St John's Church
Ruin
Mon
Low Farm
The Wigwam
The Grove
Valley View
Hill Farm
Pond Cottage
Wortham House
Rectory
Mill House
Old House
Manor Farm
Ling Farm
Meadow Rise
Dashes Farm
Long Gardens Plantation
Woodhouse Farm
Pollard Tree Farmhouse
Beech Tree Farm
Watch Tower (remains of)
War Memorial
Hill Farm
Pond Cottage
Wortham House
Rectory
The Homestead
Works
Duck Farm
Millway Lane
Rose Lane
Church Farm
The Green
Priory Farm
Palgrave
Lion Road
Ickworth Sheds
The Marsh
Willow Corner
White House Farm
Lime Tree Farm
St John's Church
Ruin
Mon
Low Farm
The Wigwam
The Grove
Valley View
Hill Farm
Spears Hill
Oldhall Farm
Woodhouse Farm
Long Gardens Plantation
Meadow Rise
Dashes Farm
Manor Farm
Ling Farm
Pollard Tree Farmhouse
Beech Tree Farm
Pond Cottage
Wortham House
Rectory
Millway Farm

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FOR CONTINUATION SEE PAGE 5

FOR CONTINUATION SEE PAGE 8

FOR CONTINUATION SEE PAGE 7

RG95

RG100

RG105

RG110

RG115

RG120

0 1:25,000 1 km

Print Date: 04-24-26 13:51:36

N

- Order limits
- Sheet index cutline

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

- 2 km 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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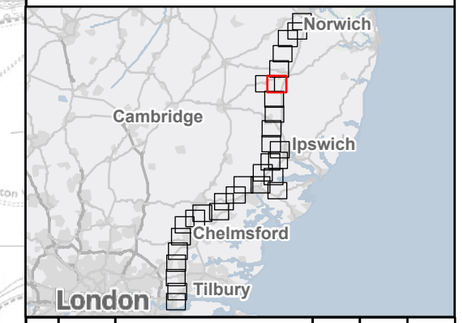

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 6 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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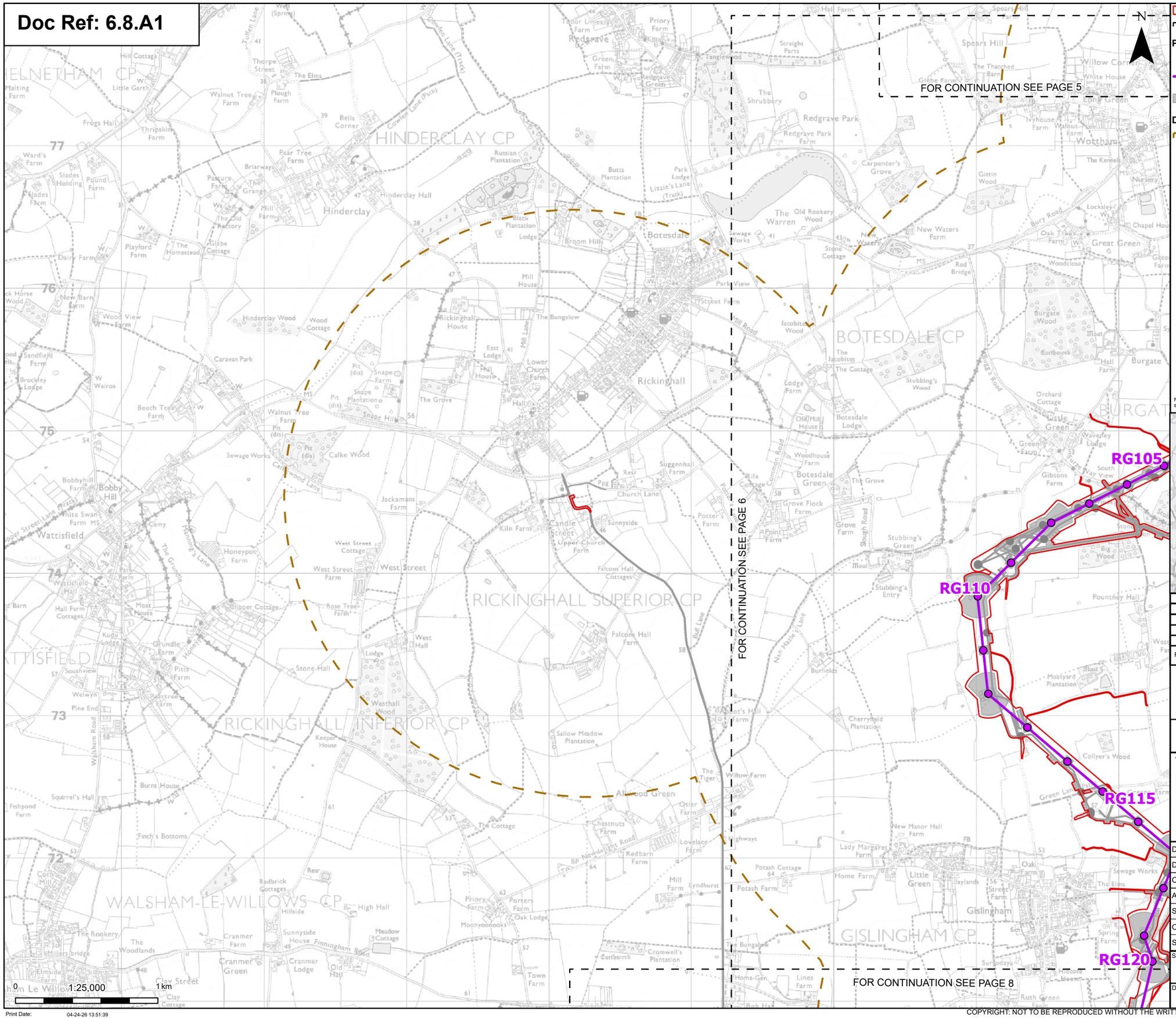

0 1:25,000 1 km

Print Date: 04-24-26 13:51:39

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

2 km 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: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 7 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

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Doc Ref: 6.8.A1

FOR CONTINUATION SEE PAGE 7

FOR CONTINUATION SEE PAGE 6

RG125

RG130

RG135

RG140

FOR CONTINUATION SEE PAGE 9

0 1:25,000 1 km

Print Date: 04-24-26 13:51:42

N

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

2 km 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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nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 8 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Scale:	1:25,000	Datum:	AOD
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Suitability Description:

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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399

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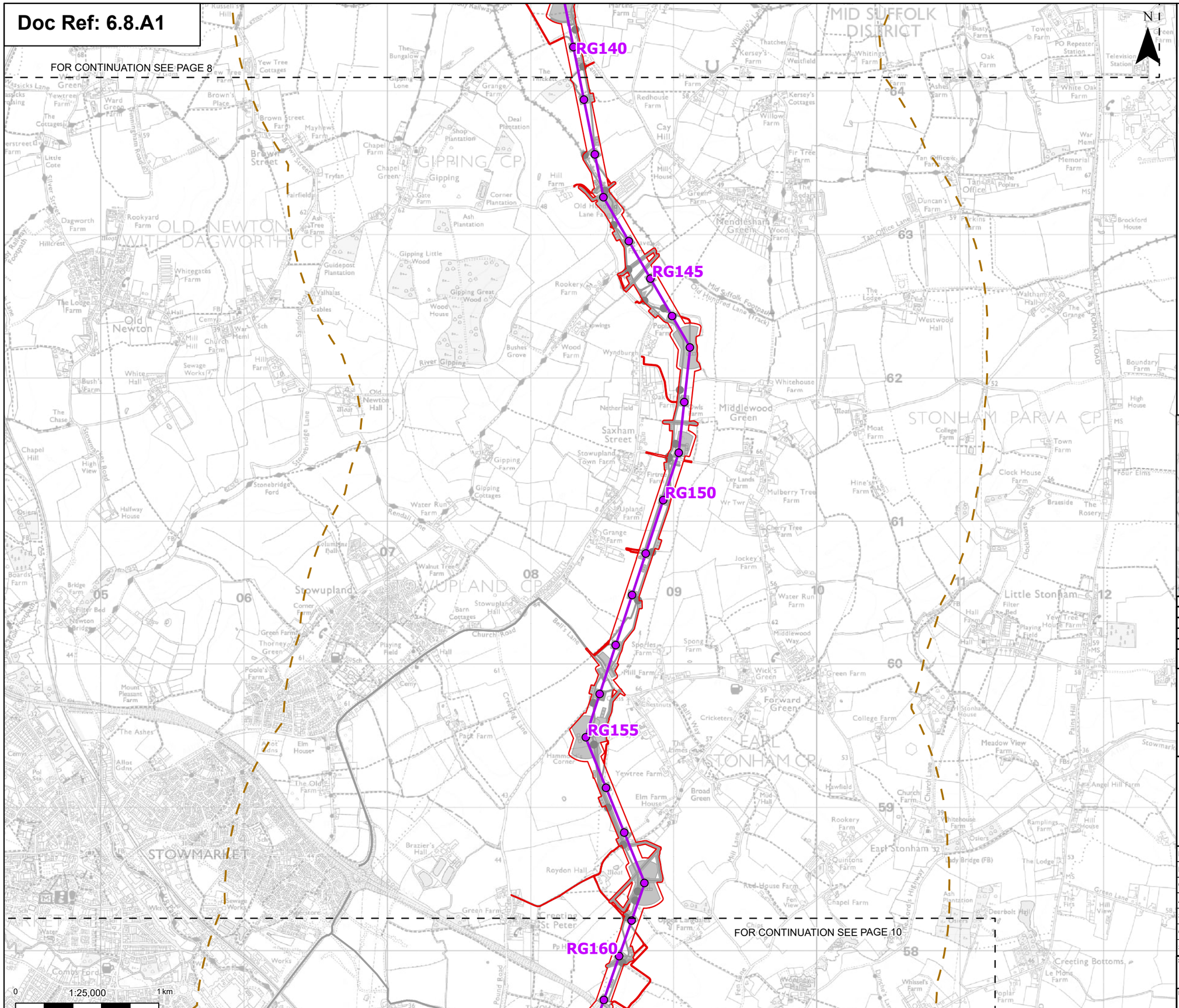

Order limits

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

2 km 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: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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RG160

RG165

RG170

RG175

RG180

RG185

Himalayan balsam

Giant hogweed

FOR CONTINUATION SEE PAGE 9

FOR CONTINUATION SEE PAGE 11

N

0 1:25,000 1 km

Print Date: 04-24-26 13:51:49

Order limits

Sheet index cutline

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

2 km Study Area

Invasive species (field survey records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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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-00399

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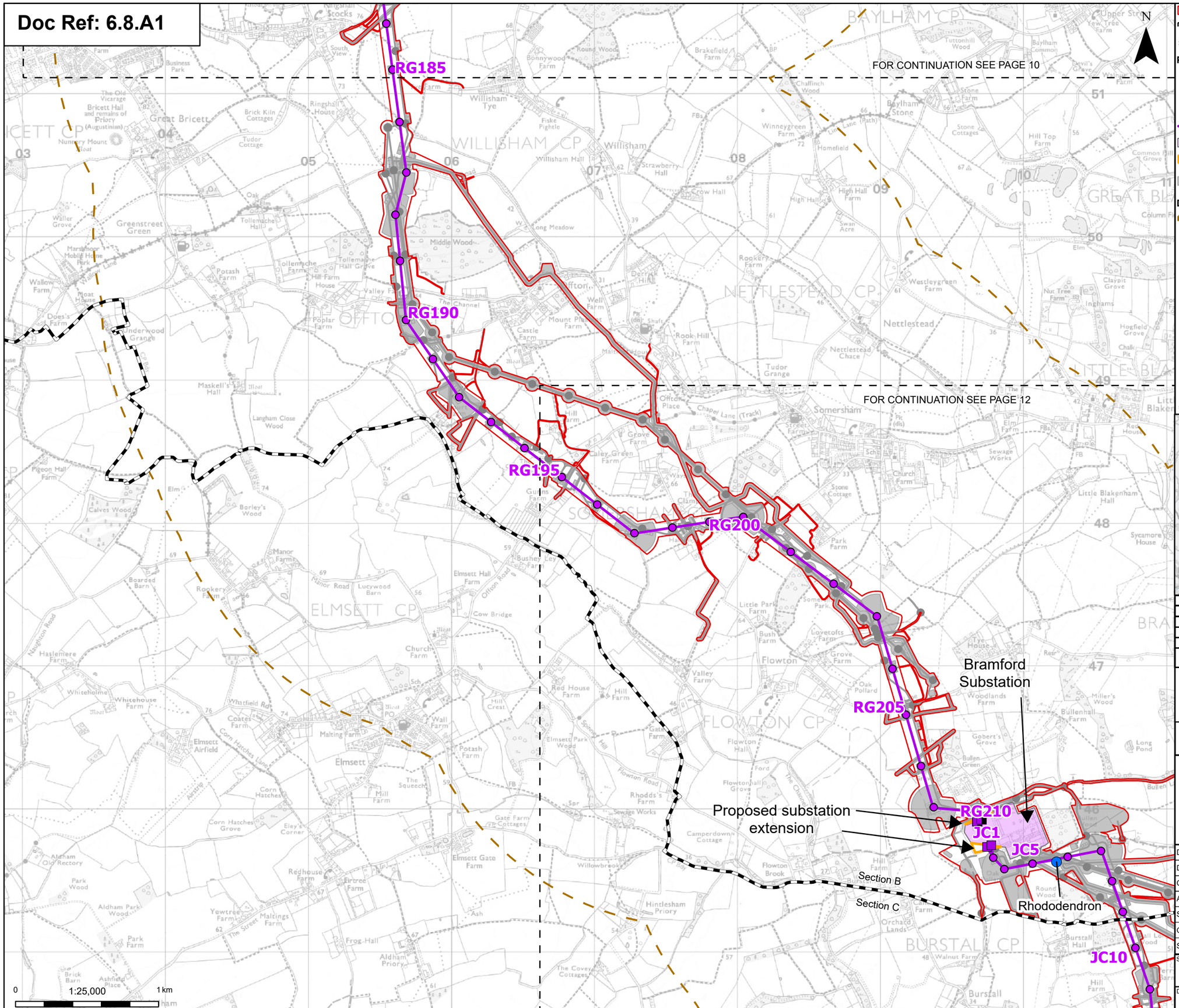

- Order limits
- Sheet index cutline
- Project section line

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

- 2 km Study Area
- Invasive species (field survey records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 11 of 31

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

Suitability Description: Accepted as Concept Stage

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RG195
RG200
RG205
RG210
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Rhododendron
Section B
Section C
FOR CONTINUATION SEE PAGE 11
FOR CONTINUATION SEE PAGE 13
FOR CONTINUATION SEE PAGE 14
0 1:25,000 1 km
Print Date: 04-24-26 13:51:56

N

- Order limits
- Sheet index cutline
- 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

- 2 km Study Area
- Invasive species (field survey records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

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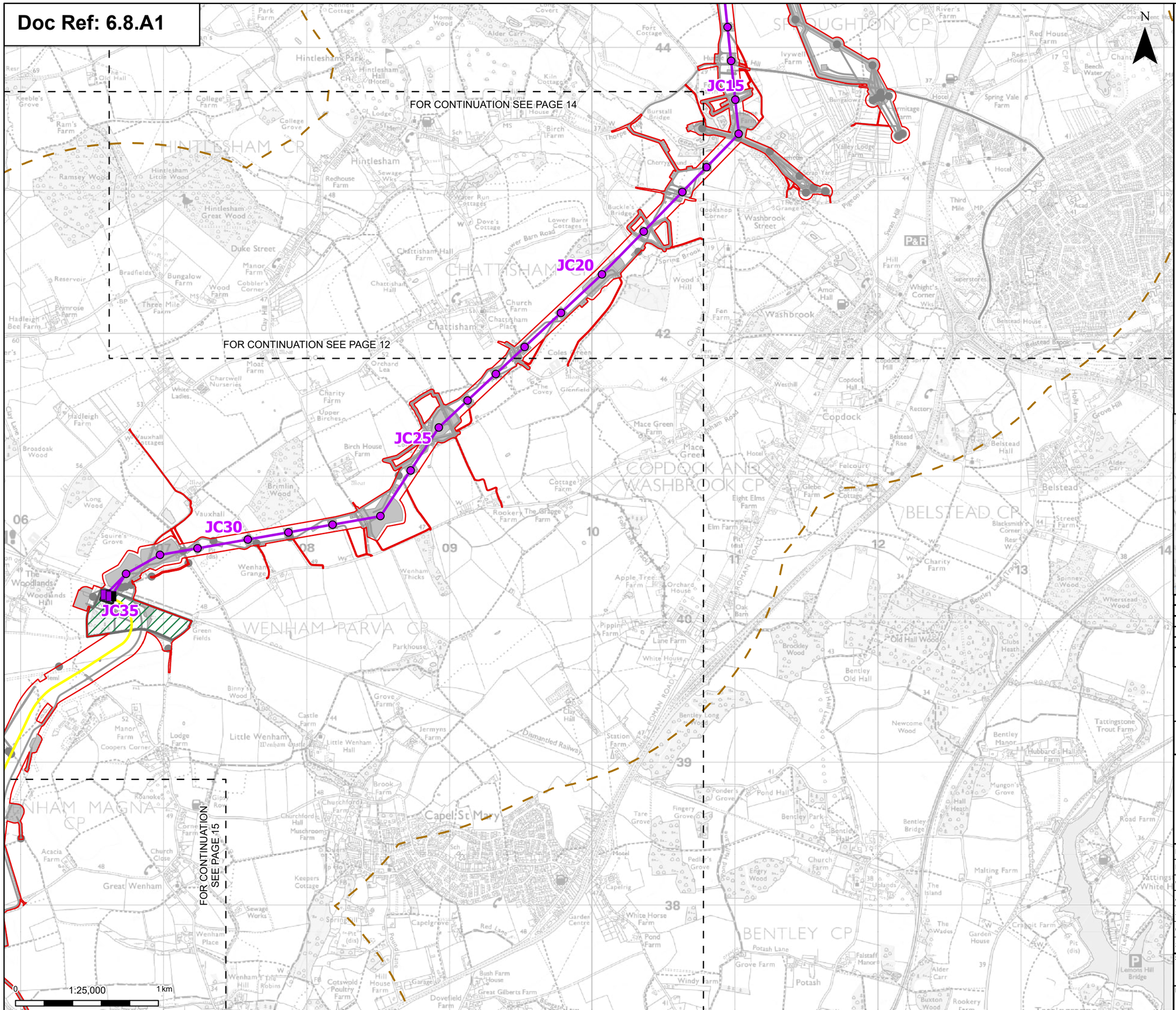

Print Date: 04-24-26 13:52:00

N

- Order limits
- Sheet index cutline

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)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km 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: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species Page 13 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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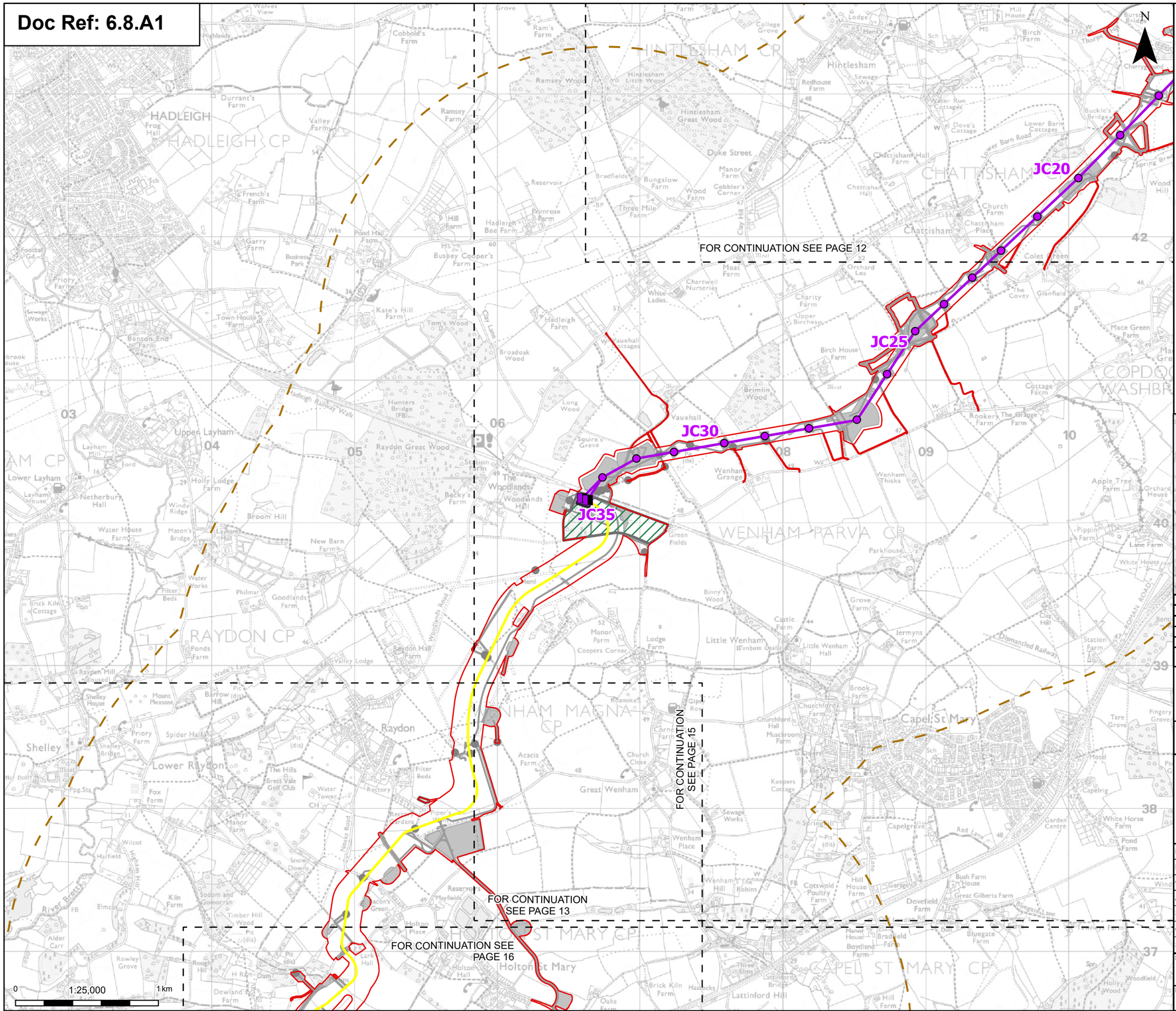

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- Order limits
- Sheet index cutline

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)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km 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

nationalgrid

PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 14 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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Trenchless Crossing: River Stour (north part)

Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (south part)

Trenchless Crossing: A12 highway crossing

FOR CONTINUATION SEE PAGE 13

FOR CONTINUATION SEE PAGE 16

FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 18

Lesser bulrush

Least duckweed

Rhododendron

Evergreen oak

Japanese knotweed

Spanish bluebell

Himalayan balsam

Butterfly bush

Nuttall's waterweed

Alexanders

Giant butterbur

Japanese rose

Evergreen oak

Least duckweed

False-acacia

Spanish bluebell

Italian alder

Least duckweed

Butterfly bush

Rhododendron

Section C

Section D

0 1:25,000 1 km

Print Date: 04-24-26 13:52:08

N

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed underground cable alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description: Accepted as Concept Stage

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FOR CONTINUATION SEE PAGE 14

FOR CONTINUATION SEE PAGE 15

FOR CONTINUATION SEE PAGE 18

FOR CONTINUATION SEE PAGE 17

Trenchless Crossing: Higham Road

Least duckweed

Italian alder

Evergreen oak

Least duckweed

Spanish bluebell

False-acacia

Least duckweed

Butterfly bush

Nuttall's waterweed

Rhododendron

Monkeyflower

0 1:25,000 1 km

Print Date: 04-24-26 13:52:12

N

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed standard lattice pylon location
- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Invasive species (desk study records)

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	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 16 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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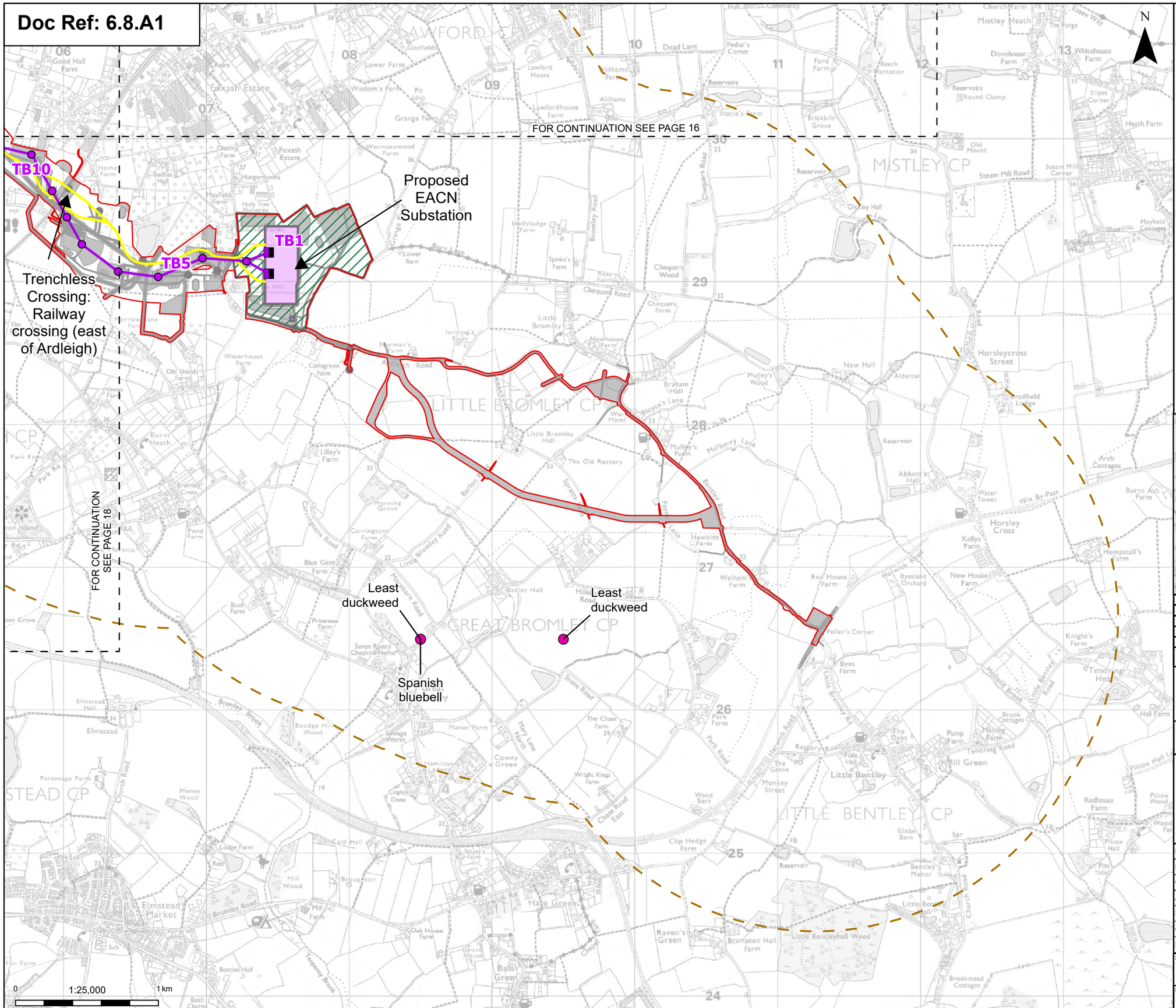

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- Order limits
- Sheet index cutline

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

- 2 km Study Area
- Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

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Lesser bulrush
Least duckweed
Giant butterbur
Rhododendron
Evergreen oak
Spanish bluebell
Japanese knotweed
Least duckweed
Himalayan balsam
Butterfly bush
Nuttall's waterweed
Alexanders
Evergreen oak
Japanese rose
Trenchless Crossing: A12 highway crossing
Turkey oak
Least duckweed
Evergreen oak
False-acacia
Spanish bluebell
Italian alder
Least duckweed
Butterfly bush
Rhododendron
FOR CONTINUATION SEE PAGE 19
FOR CONTINUATION SEE PAGE 15
Section C
Section D
FOR CONTINUATION SEE PAGE 16
TB30
Italian alder
Common ragwort
TB25
TB20
Russian-vine
Butterfly bush
Least duckweed
Canadian waterweed
Turkey oak
TB15
Turkey oak
New Zealand pigmyweed
New Zealand pigmyweed
Turkey oak
Least duckweed
Evergreen oak
TB10
Trenchless Crossing: Railway crossing (east of Ardleigh)
Winter heliotrope
Alexanders
Evergreen oak
Turkey oak
Evergreen oak
Least duckweed
Canadian waterweed
Rhododendron
New Zealand pigmyweed
Rhododendron
Alexanders
FOR CONTINUATION SEE PAGE 17
0 1:25,000 1 km
Print Date: 04-24-26 13:52:21

- Order limits
- Sheet index cutline
- 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 cable sealing end compound (CSEC)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399
Revision: C

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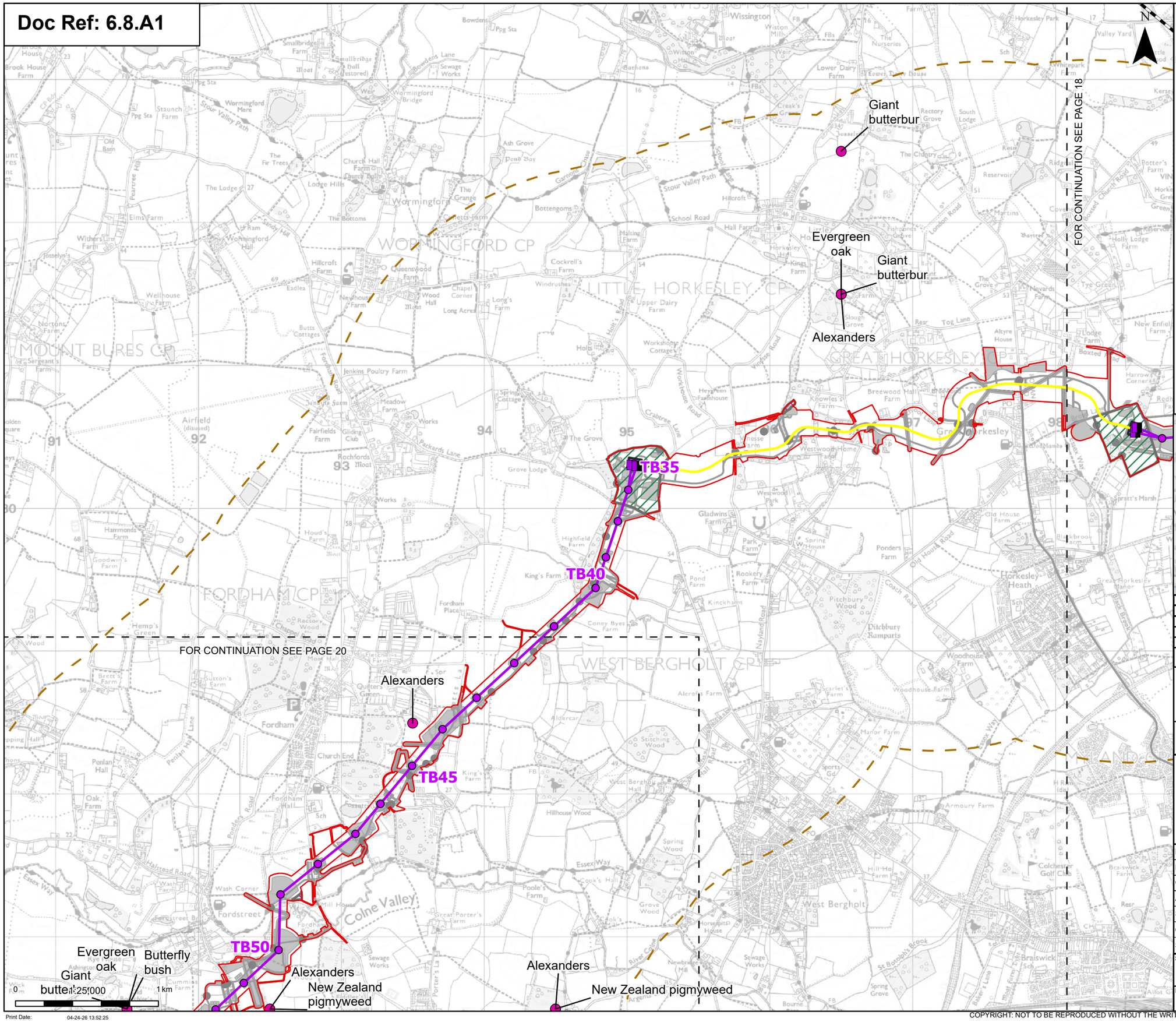

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- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- Invasive species (desk study records)

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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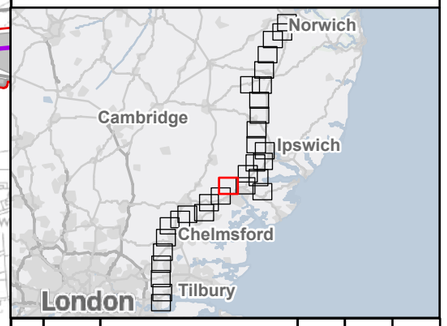

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Approved	K. Burrows	Date	May 26
Scale:	1:25,000	Datum:	AOD
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Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399

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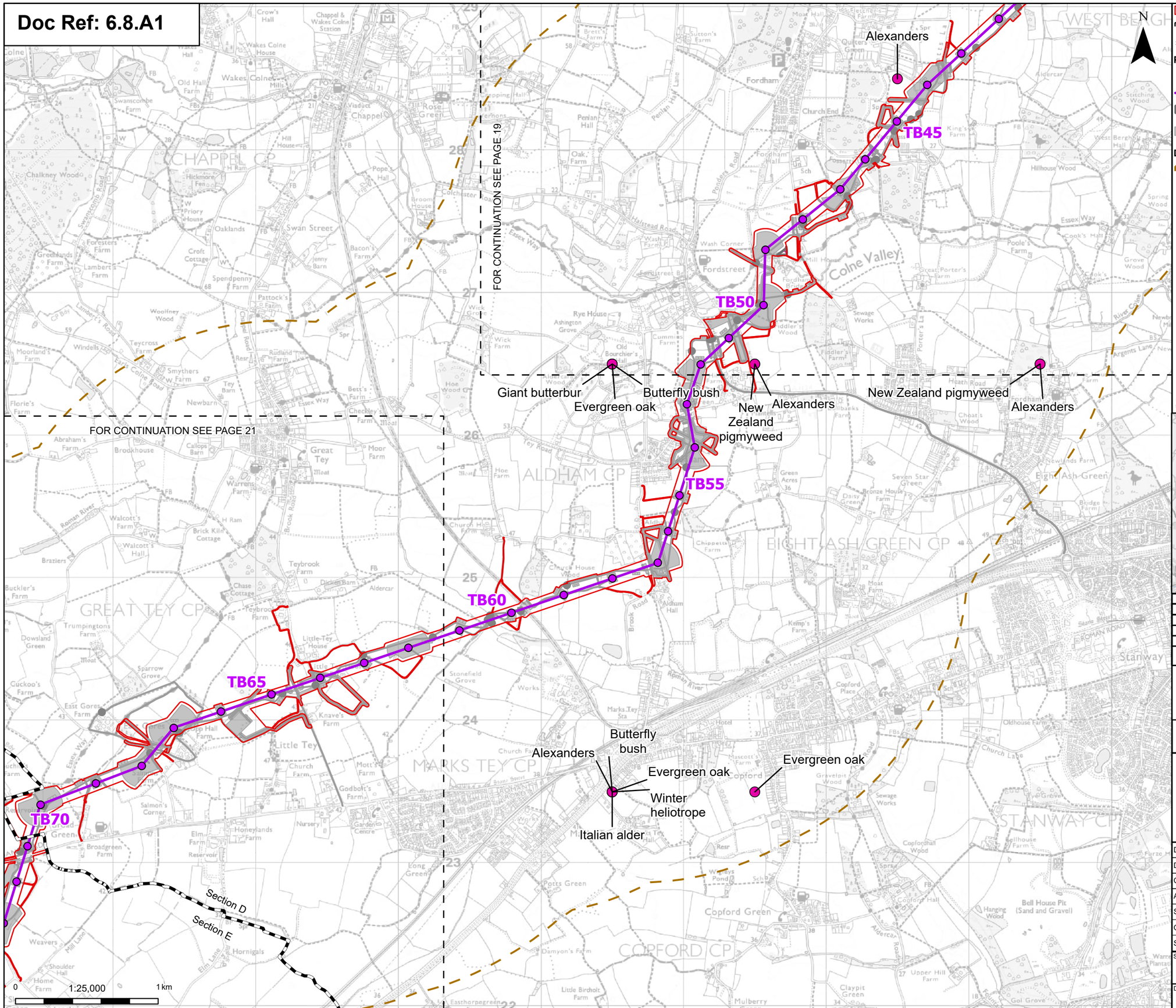

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Sheet index cutline
Project section line

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

2 km Study Area
Invasive species (desk study records)

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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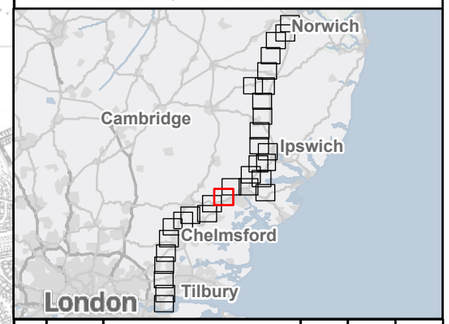

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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Scale:	1:25,000	Datum:	AOD
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Suitability Description:
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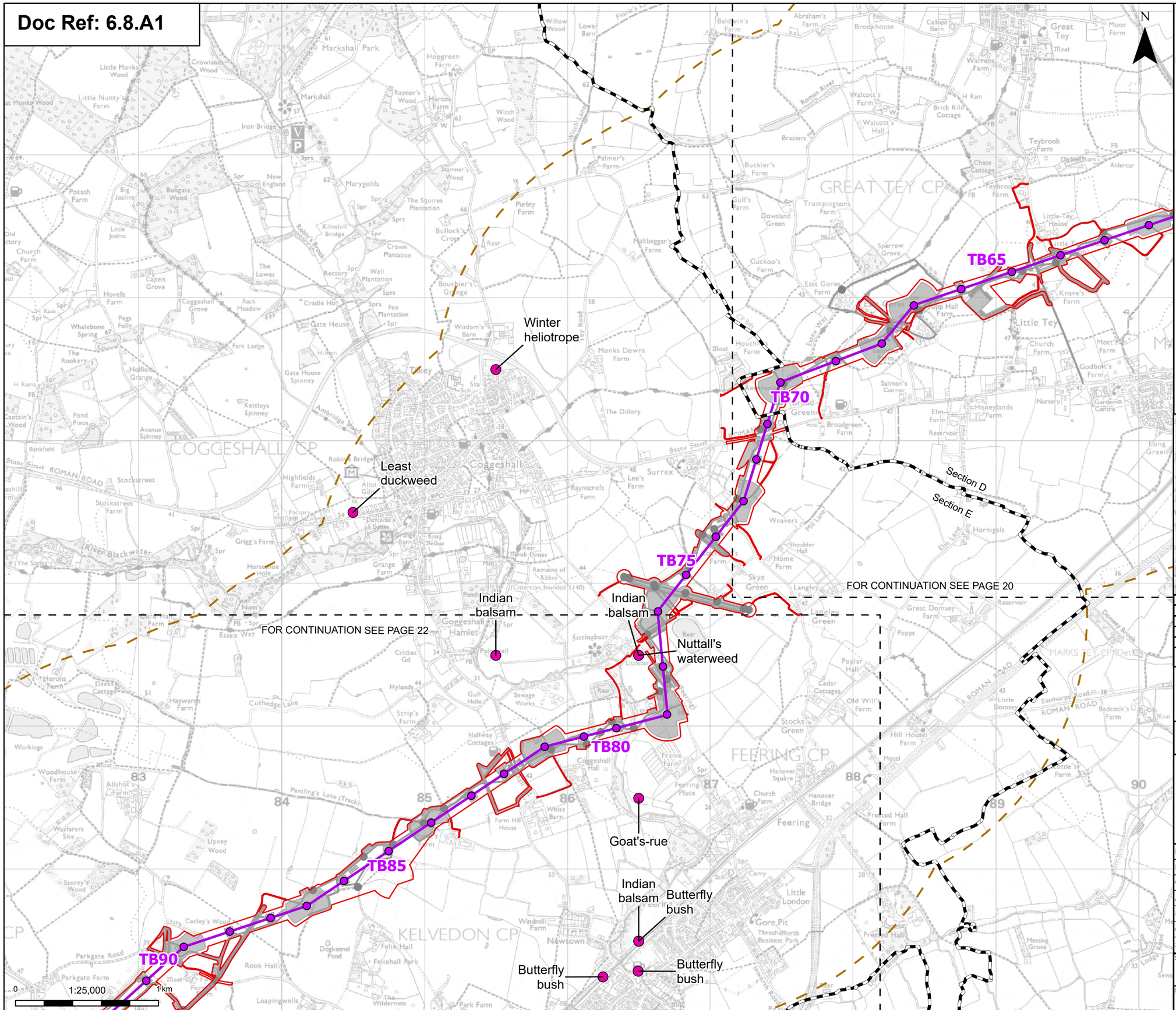

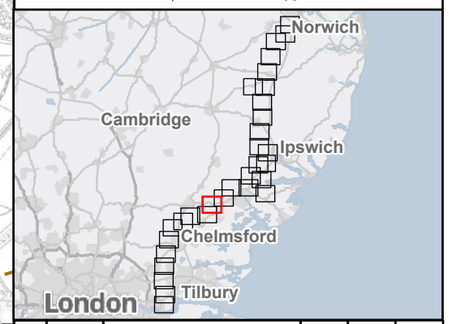

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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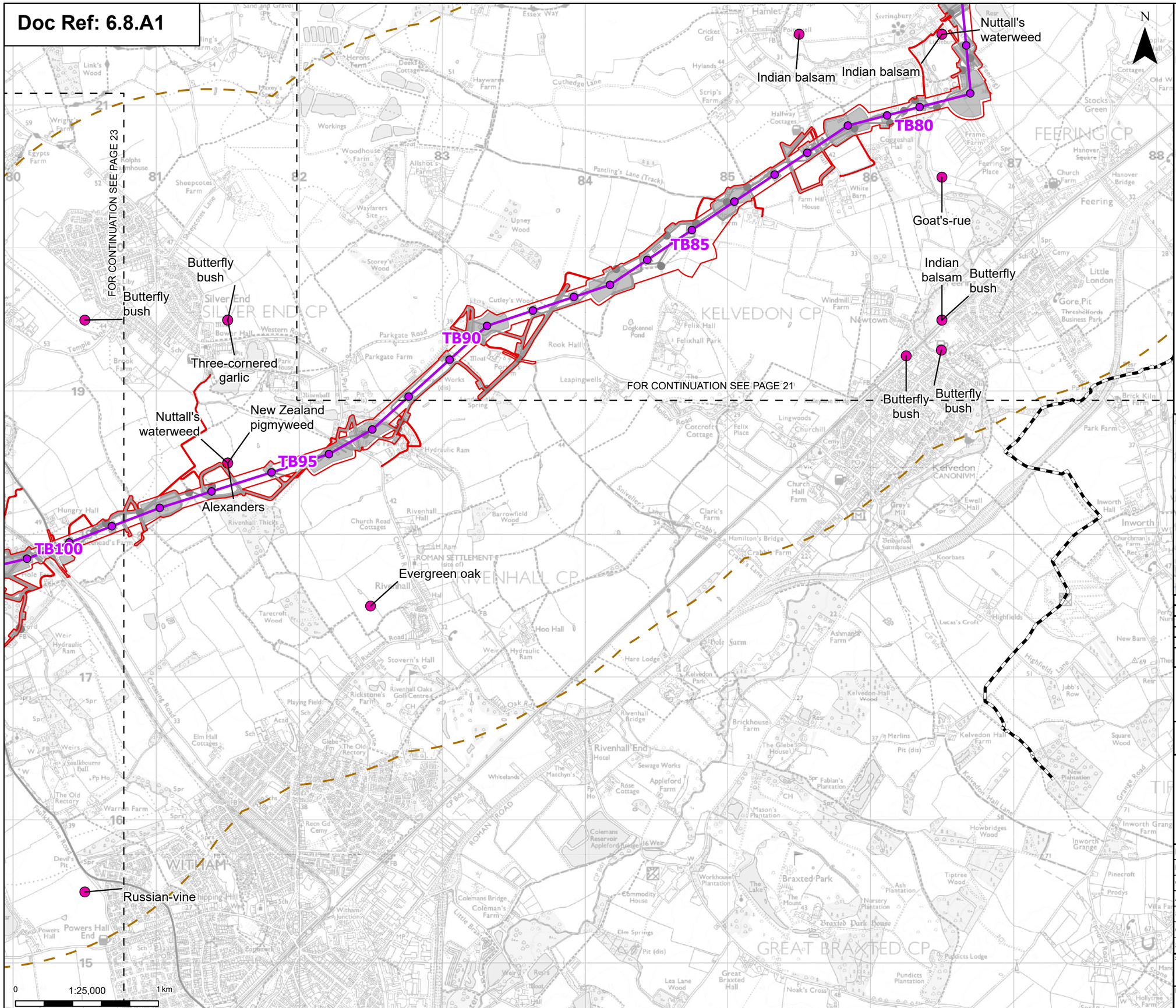

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
Invasive species (desk study records)

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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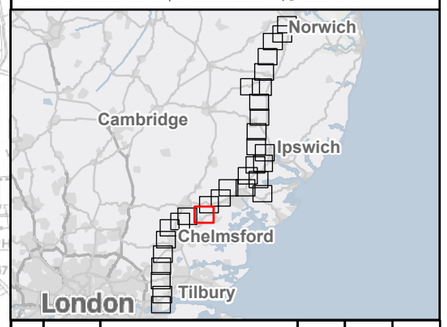

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399
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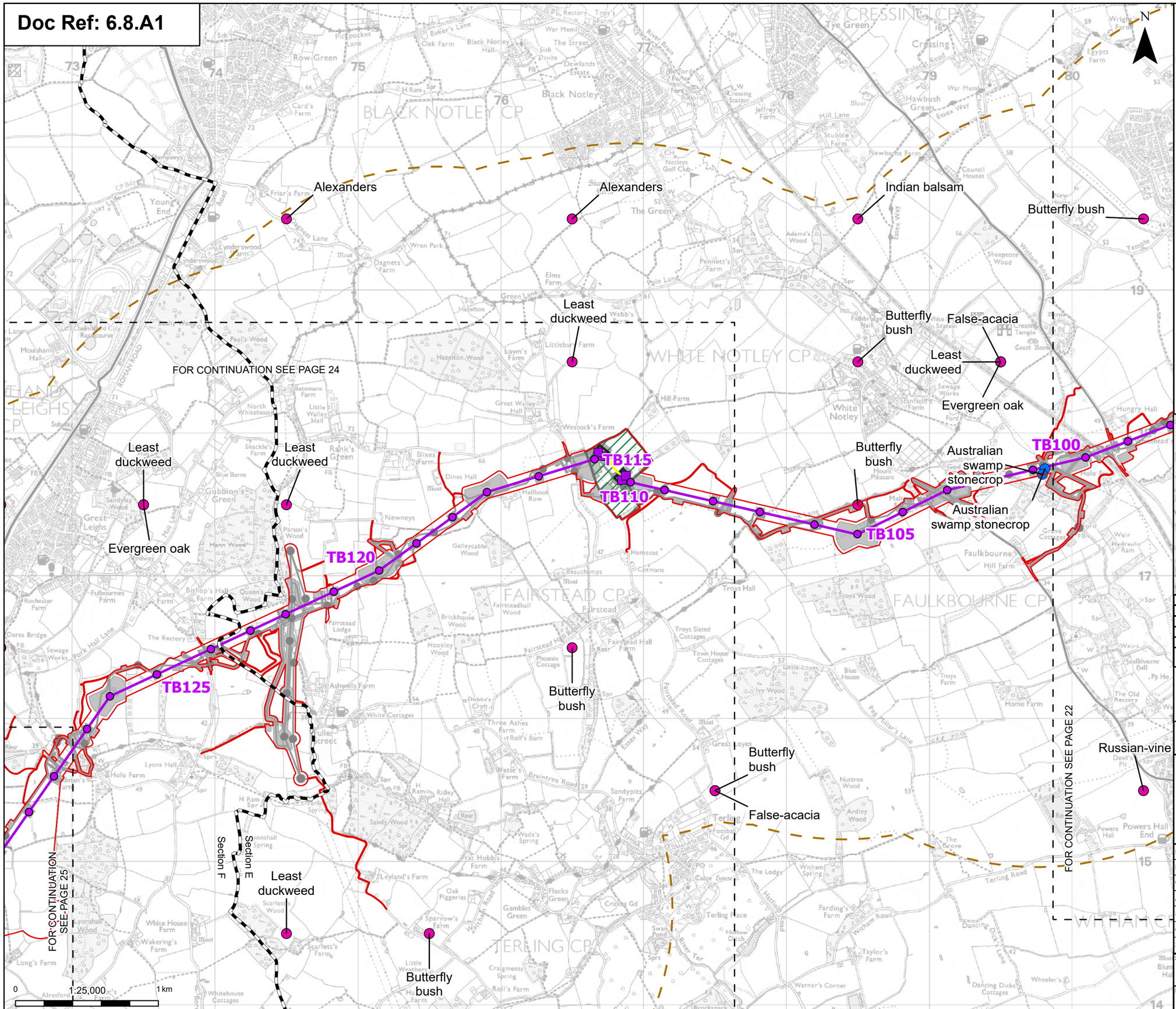

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
Invasive species (field survey records)
Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
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Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399
Revision: C

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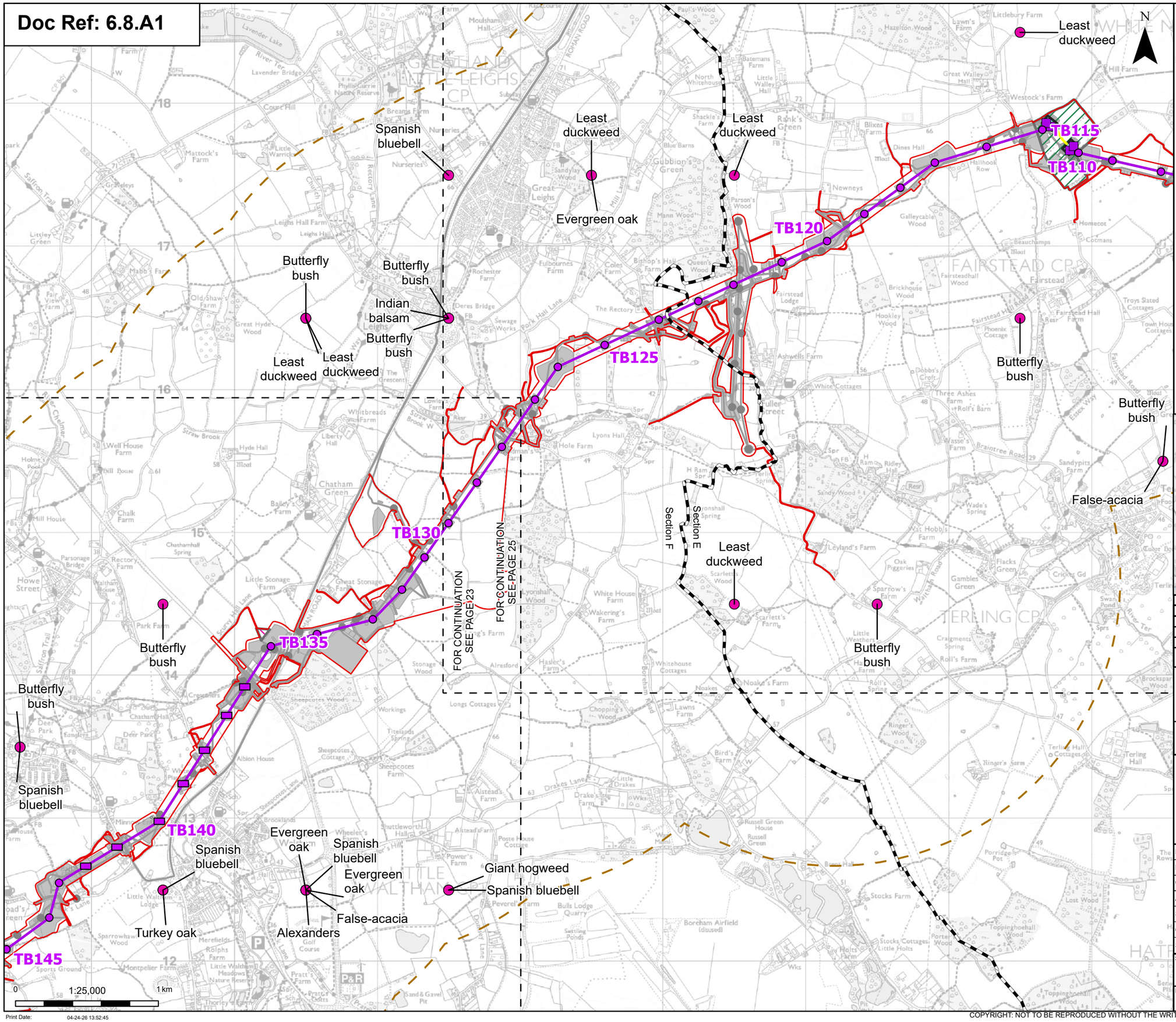

Order limits
Sheet index cutline
Project section line

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 compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Invasive species (desk study records)

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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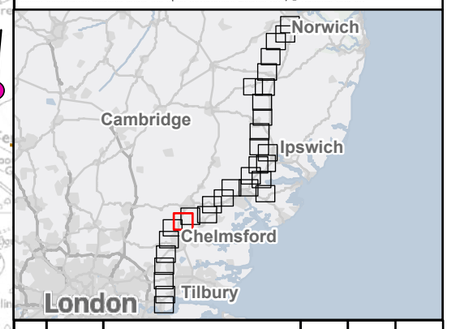

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

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TB130
TB135
TB140
TB145
TB150
TB155

Butterfly bush
Butterfly bush
Great Spanish bluebell
Spanish bluebell
Turkey oak
Evergreen oak
Spanish bluebell
Evergreen oak
False-acacia
Alexanders
Giant hogweed
Spanish bluebell
New Zealand pigmyweed
Goat's-rue
Himalayan balsam
Butterfly bush

FOR CONTINUATION SEE PAGE 23
FOR CONTINUATION SEE PAGE 24
FOR CONTINUATION SEE PAGE 26

PLESHEY CP
MASHBURY CP
CHIGNALL CP
LITTLE WALTHAM CP
BROOMFIELD CP

0 1:25,000 1 km

Print Date: 04-24-26 13:52:49

N

Order limits
Sheet index cutline

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

2 km Study Area
Invasive species (field survey records)
Invasive species (desk study records)

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

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Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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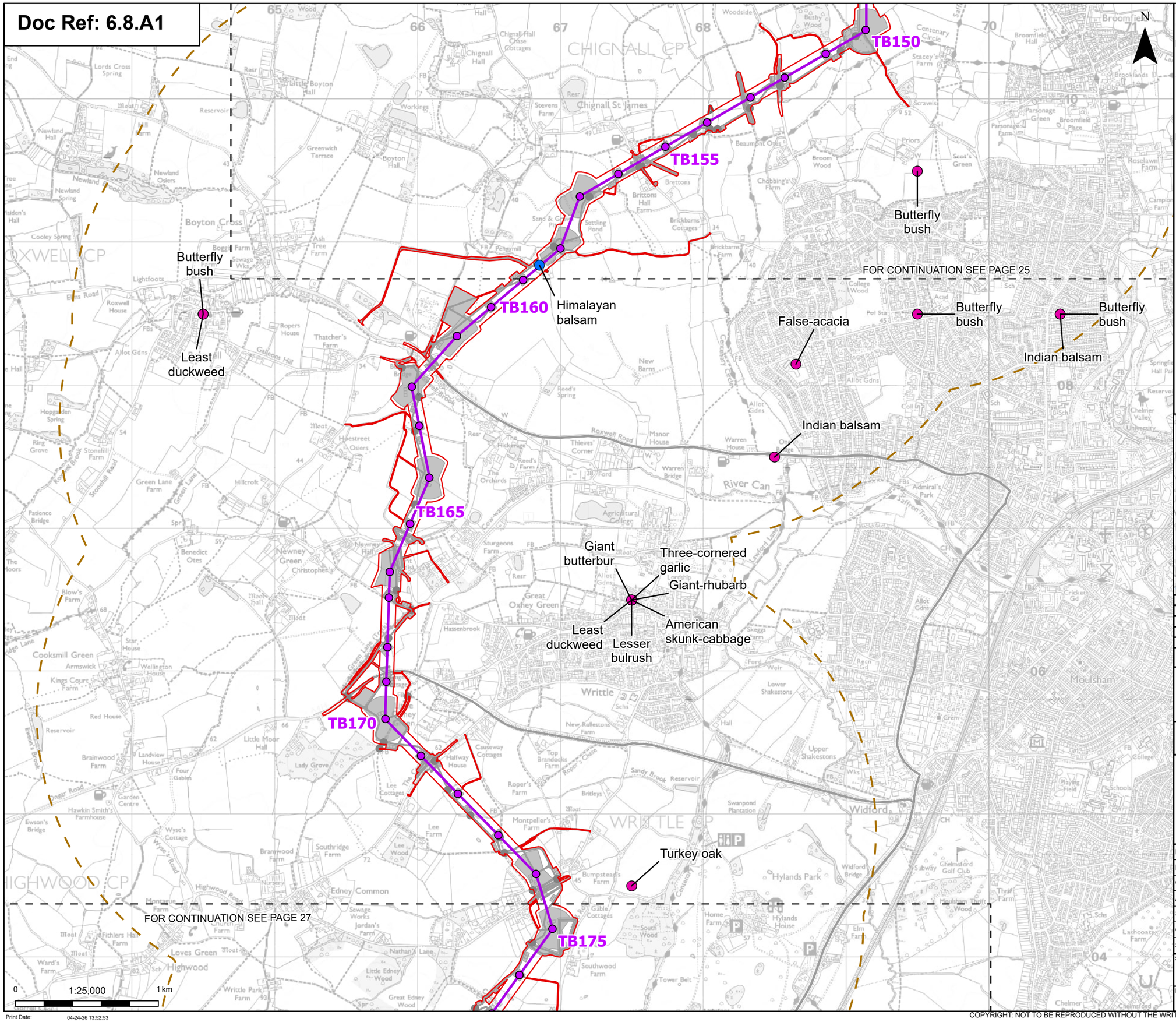

Order limits

Sheet index cutline

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

- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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

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

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
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Designed	A. Pinkney	Date	May 26
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00399

Revision: C

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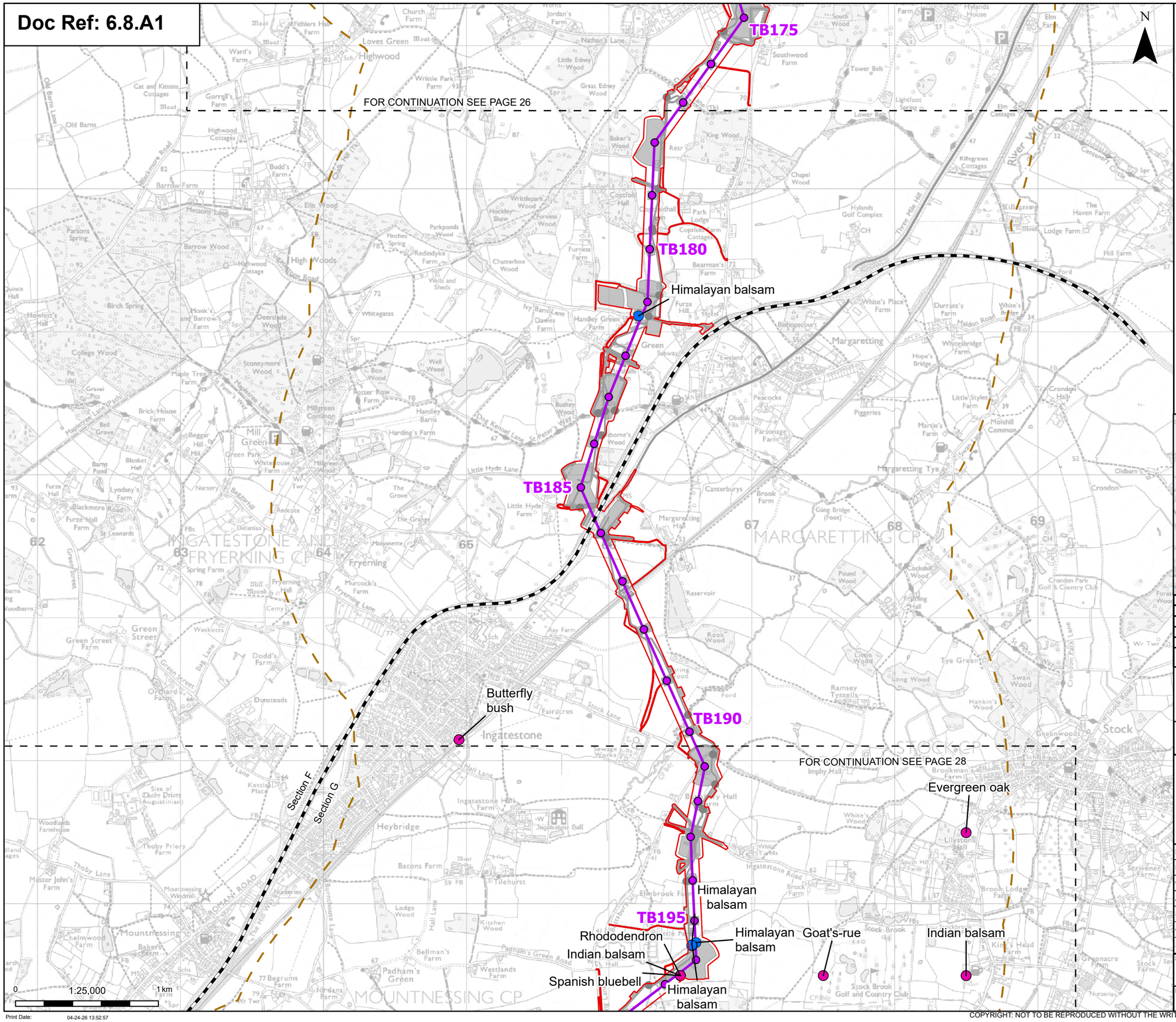

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 27 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

Print Date: 04-24-26 13:52:57

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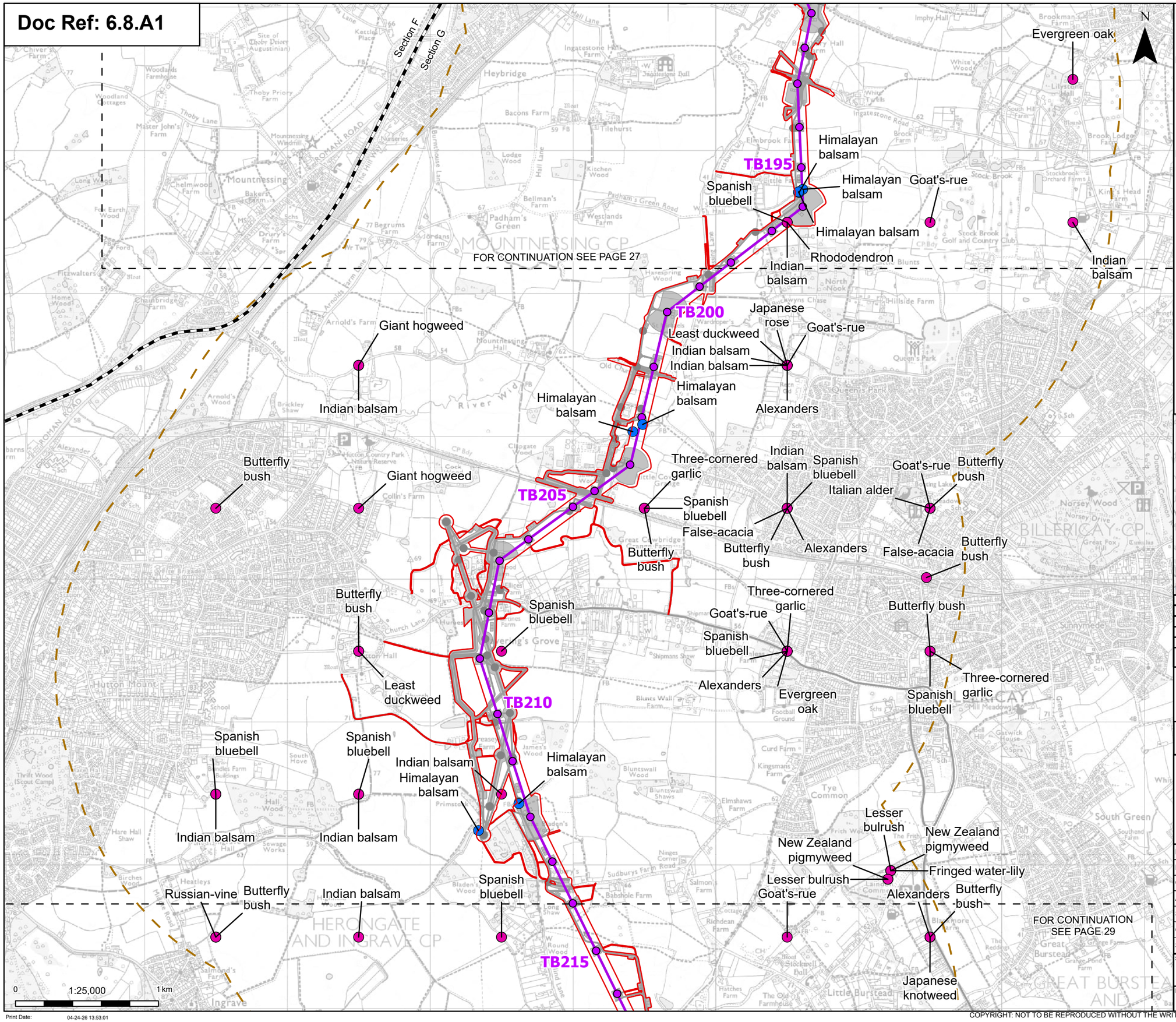

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

2 km Study Area
Invasive species (field survey records)
Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 28 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

Revision: C

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FOR CONTINUATION SEE PAGE 28

Russian-vine
Indian balsam
Spanish bluebell
Goat's-rue
Japanese knotweed
Alexanders
Butterfly bush

TB215

Butterfly bush
Russian-vine
False-acacia
False-acacia
Japanese knotweed
Goat's-rue

TB220

Turkey oak
Evergreen oak
Turkey oak

Butterfly bush
Goat's-rue
Turkey oak

TB225

Least duckweed
New Zealand pigmyweed
Goat's-rue
Russian-vine
New Zealand pigmyweed
Least duckweed
Lesser bulrush
Goat's-rue
Lesser bulrush
Three-cornered garlic
Nuttall's waterweed
Goat's-rue
New Zealand pigmyweed
Russian-vine
Goat's-rue

TB230

Goat's-rue
Goat's-rue

Canadian goldenrod
Alexanders
Goat's-rue
Least duckweed
Winter heliotrope

TB235

Alexanders
Least duckweed
Goat's-rue
Goat's-rue
Turkey oak
Butterfly bush
Pale galingale
Rhododendron

Section G
Section H

FOR CONTINUATION SEE PAGE 30

0 1:25,000 1 km

Print Date: 04-24-26 13:53:06

N

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
2 km Study Area
Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 29 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399
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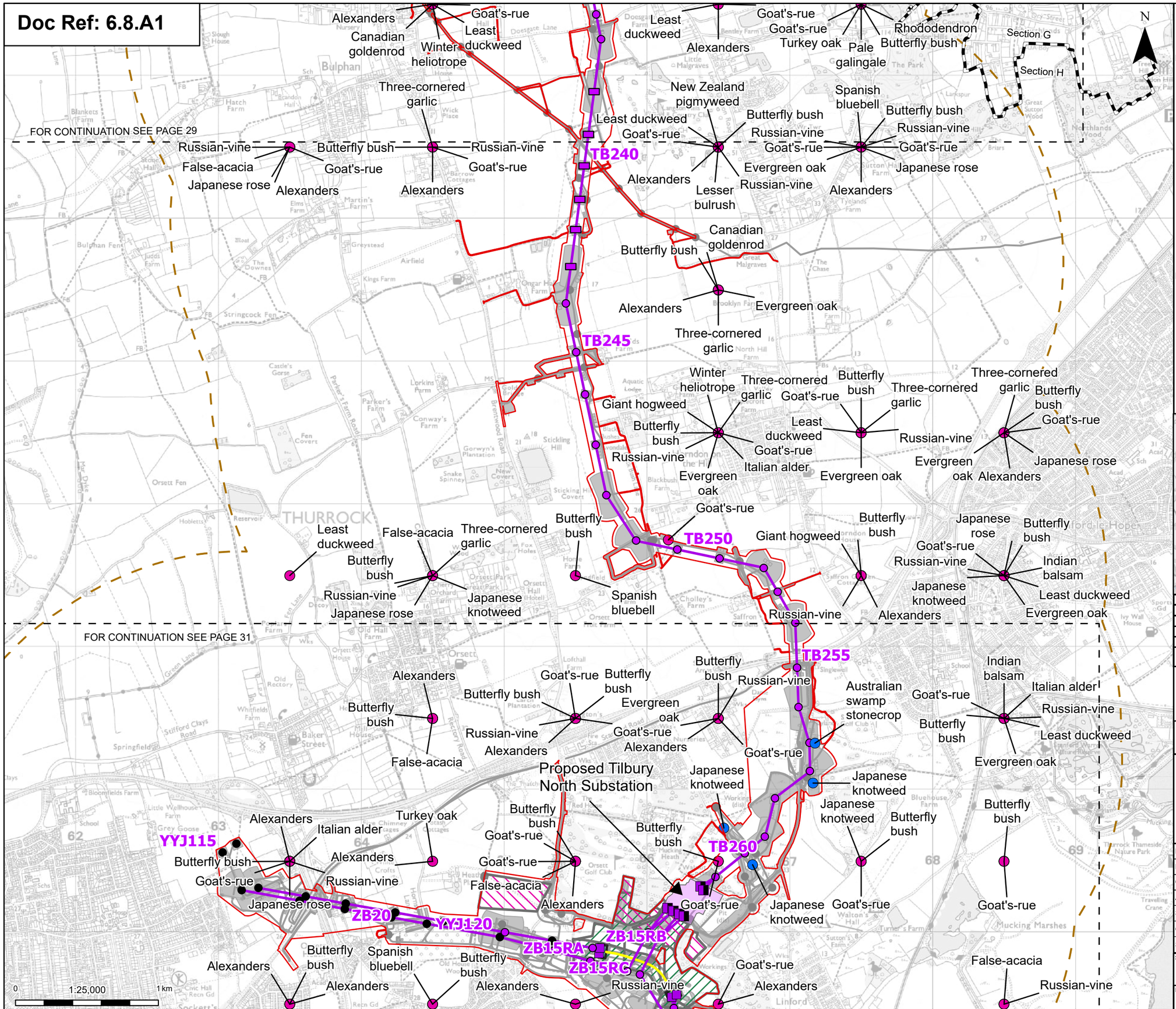

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Order limits
Sheet index cutline
Project section line

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed low height pylon location
- Existing pylon (modify)
- 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

- 2 km Study Area
- Invasive species (field survey records)
- Invasive species (desk study records)

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.6 - Ecology and Biodiversity - Invasive Plant Species
Page 30 of 31

Designed	A. Pinkney	Date	May 26
Drawn	N. Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00399

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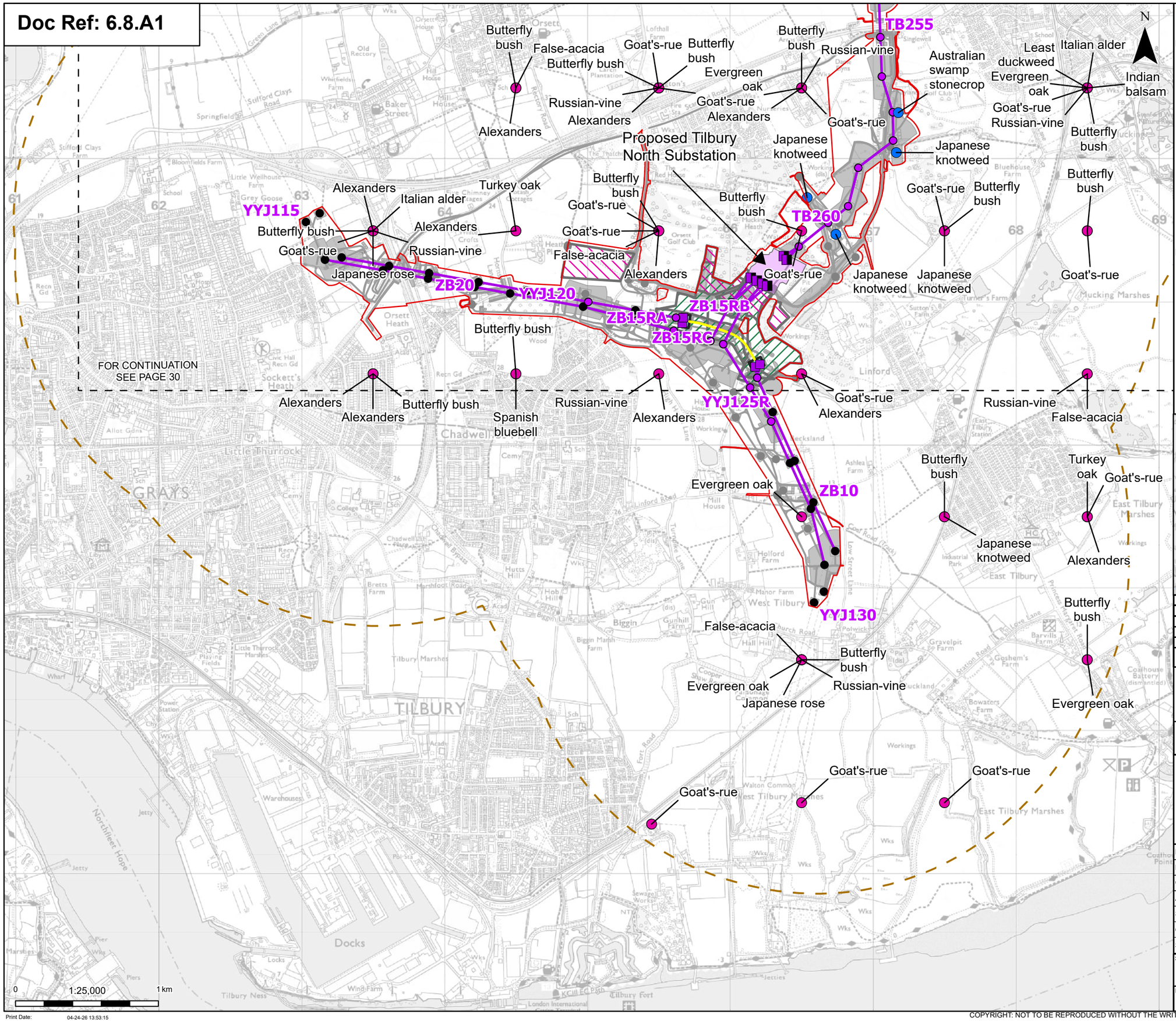
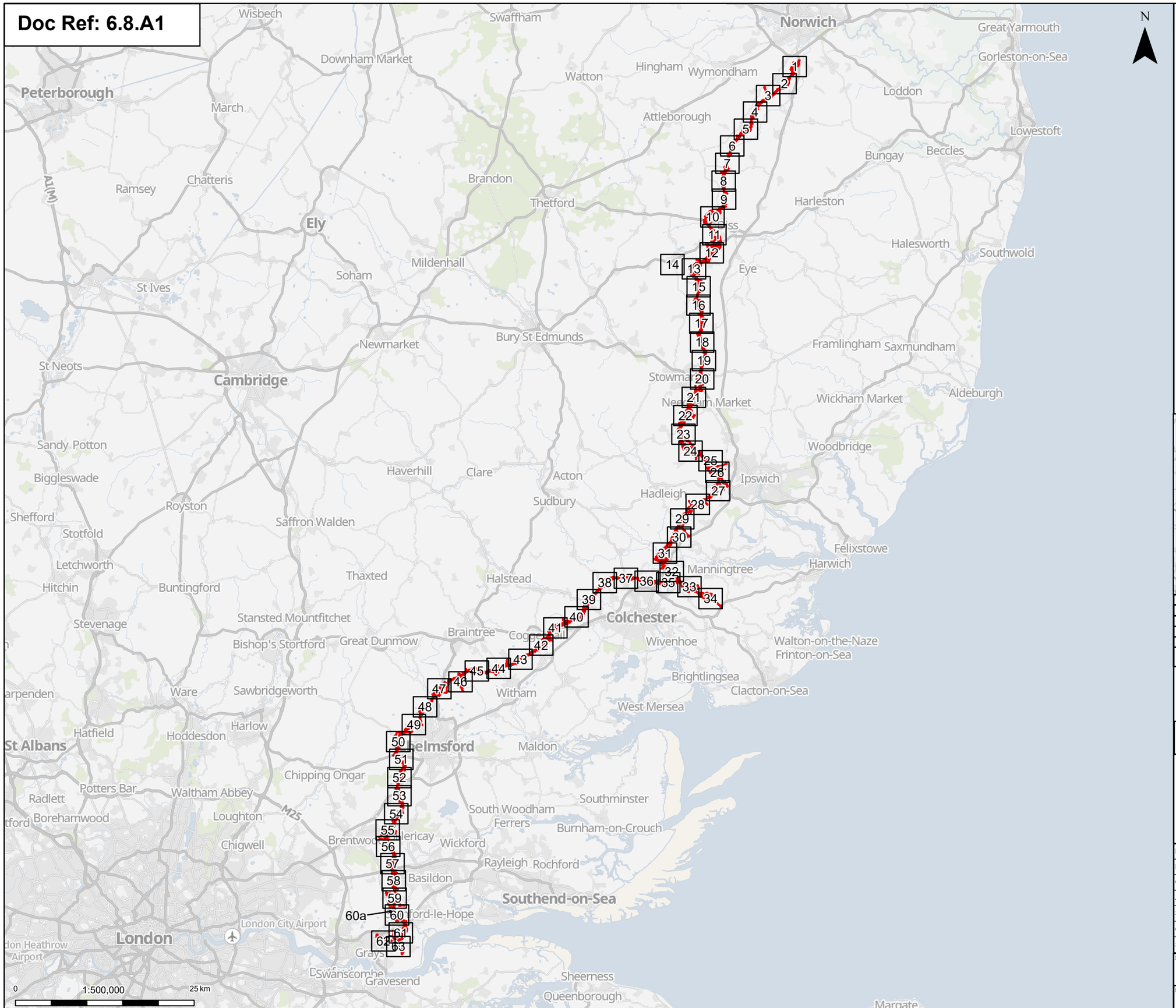

TB255
TB260
YYJ115
ZB20
YYJ120
ZB15RA
ZB15RB
ZB15RC
YYJ125R
ZB10
YYJ130
Proposed Tilbury North Substation
FOR CONTINUATION SEE PAGE 30
Butterfly bush
False-acacia
Goat's-rue
Evergreen oak
Russian-vine
Alexanders
Japanese knotweed
Japanese rose
Turkey oak
Italian alder
Australian swamp stonecrop
Least duckweed
Indian balsam
Spanish bluebell
Goat's-rue Alexanders
Russian-vine Alexanders
Butterfly bush Alexanders
Alexanders Alexanders
Butterfly bush
Goat's-rue
Japanese knotweed
Japanese knotweed
Goat's-rue Butterfly bush
Butterfly bush
Goat's-rue
Russian-vine
False-acacia
Butterfly bush
Evergreen oak
Japanese rose
Goat's-rue
Goat's-rue
Goat's-rue
Butterfly bush
Japanese knotweed
Turkey oak
Goat's-rue
Alexanders
Butterfly bush
Evergreen oak
Goat's-rue
Goat's-rue
Goat's-rue

Figure A8.1.7 - Linear Habitat Survey Results (Revision C)

Doc Ref: 6.8.A1



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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Overview

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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Norwich Main Substation Extension (Future Baseline)

Norwich Main Substation

RG1

RG5

FOR CONTINUATION SEE PAGE 2

0 1:10,000 0.5 km

Print Date: 04-24-26 13:54:19

N

- Order limits
- Sheet index cutline

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

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow - associated with bank or ditch
- Line of trees
- Ditch

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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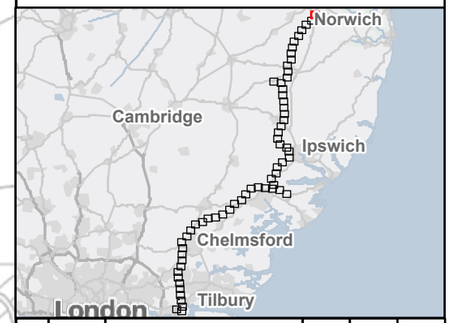

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 1 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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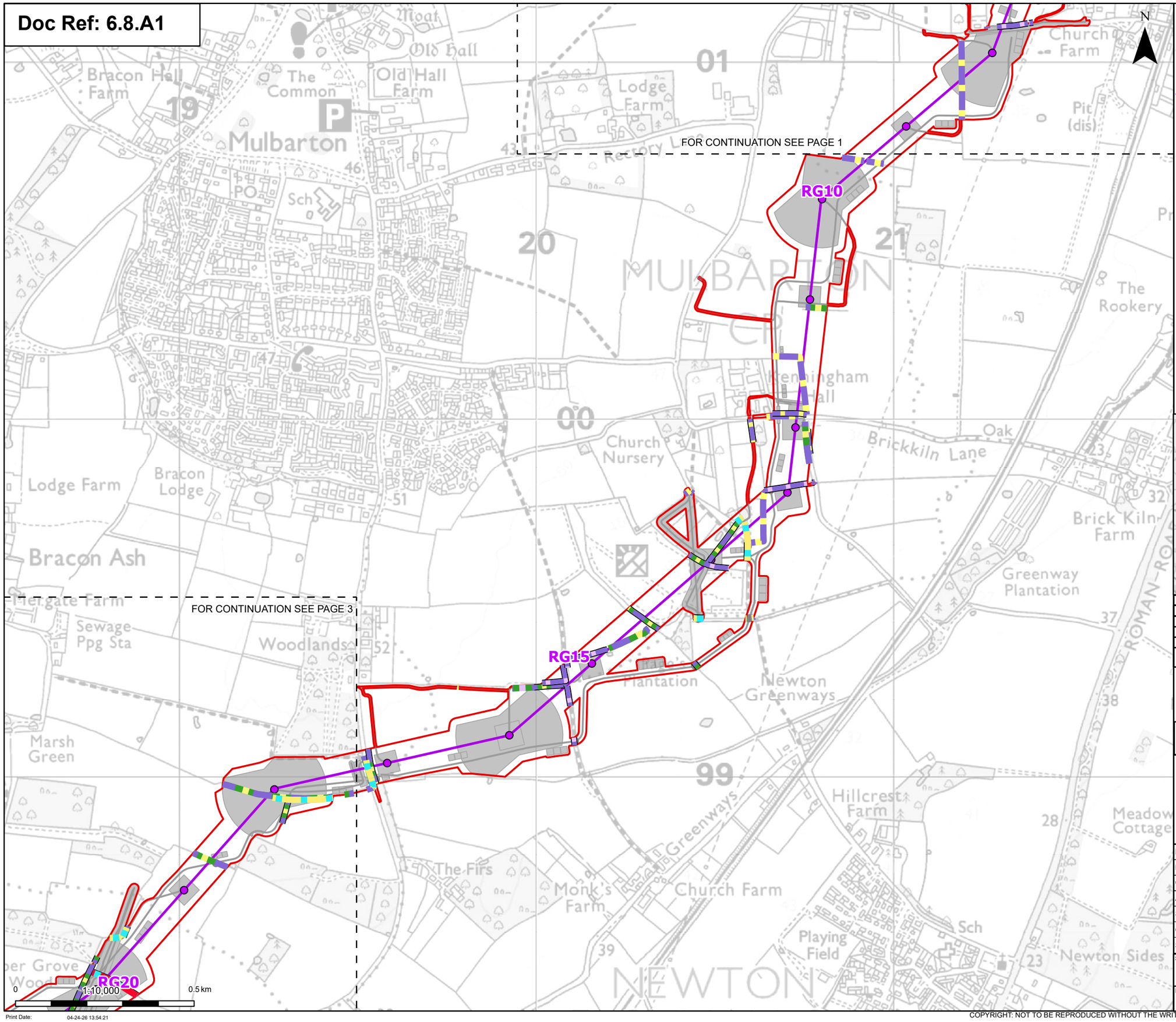

- Order limits
- Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Culvert
- Ditch

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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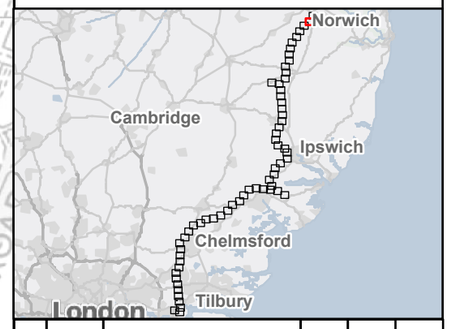

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 2 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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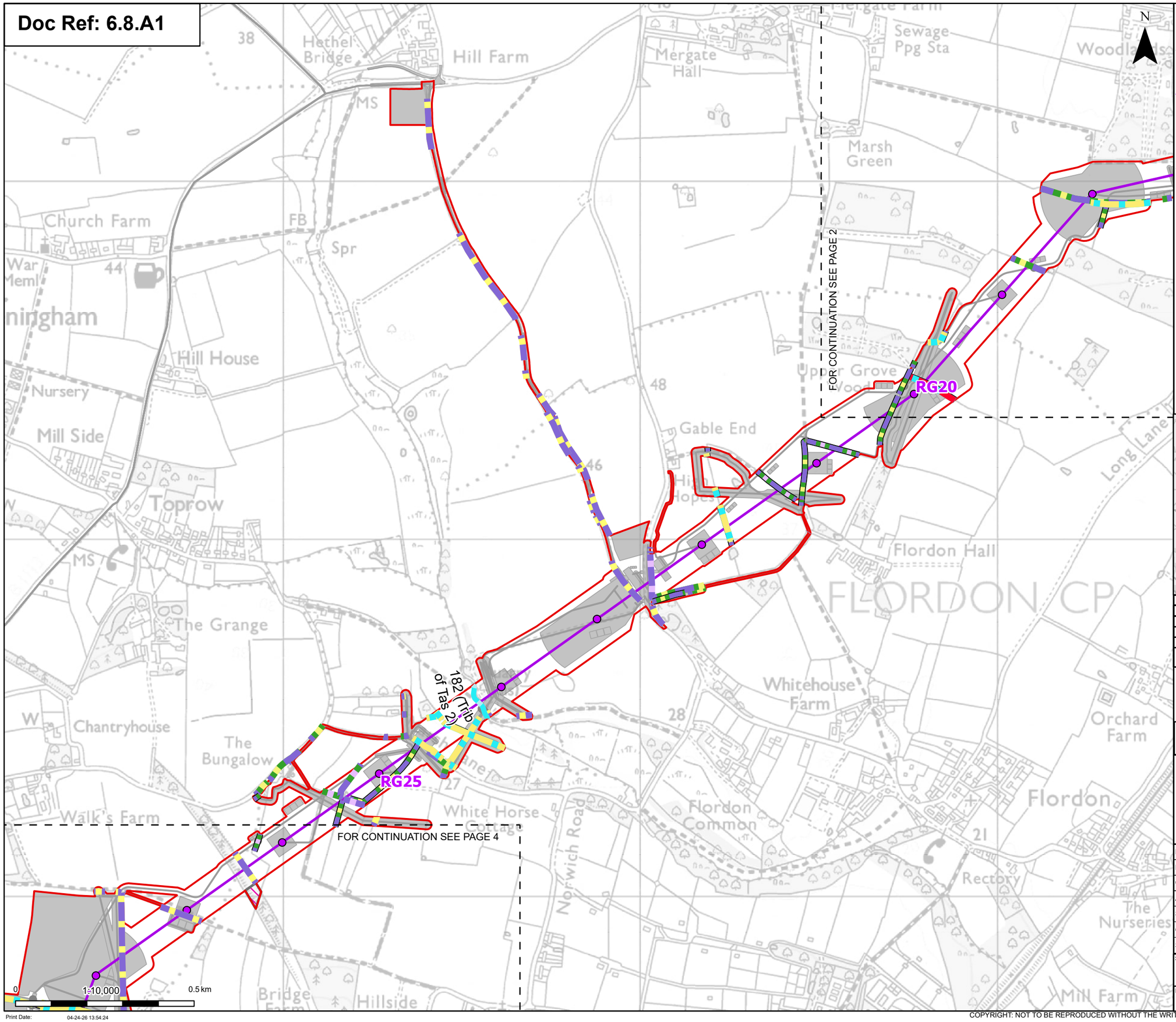

- Order limits
- Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Culvert
- Ditch
- Priority habitat

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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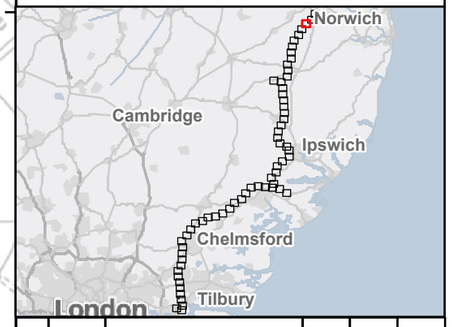

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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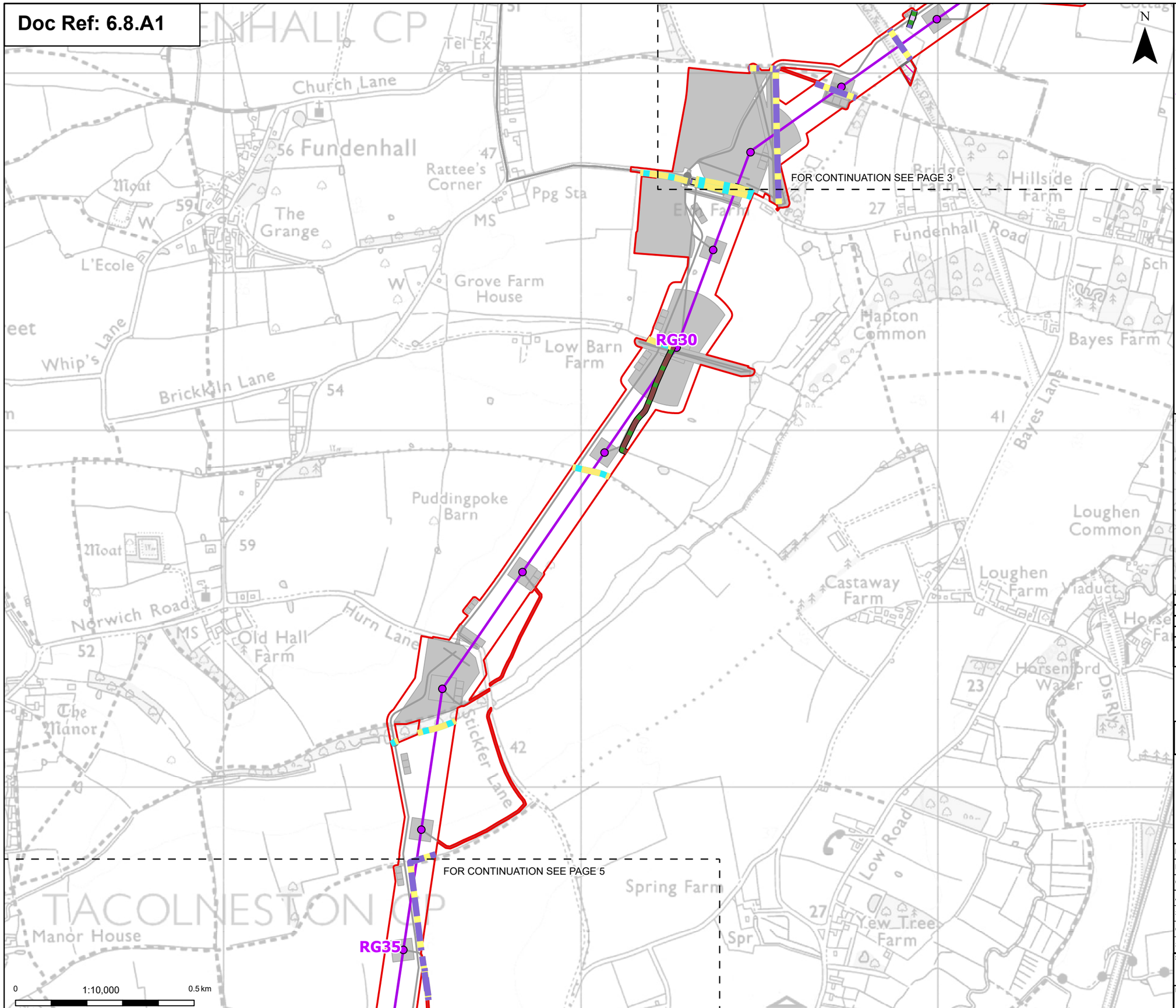

Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees - associated with bank or ditch
- Line of trees - associated with bank or ditch
- Ditch

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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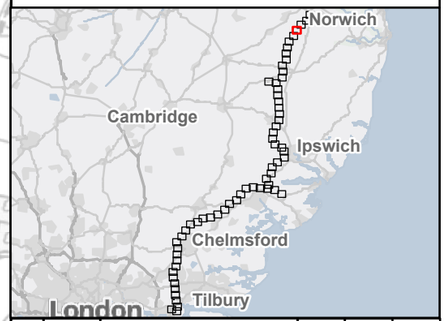

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 4 of 63

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

Suitability Description:
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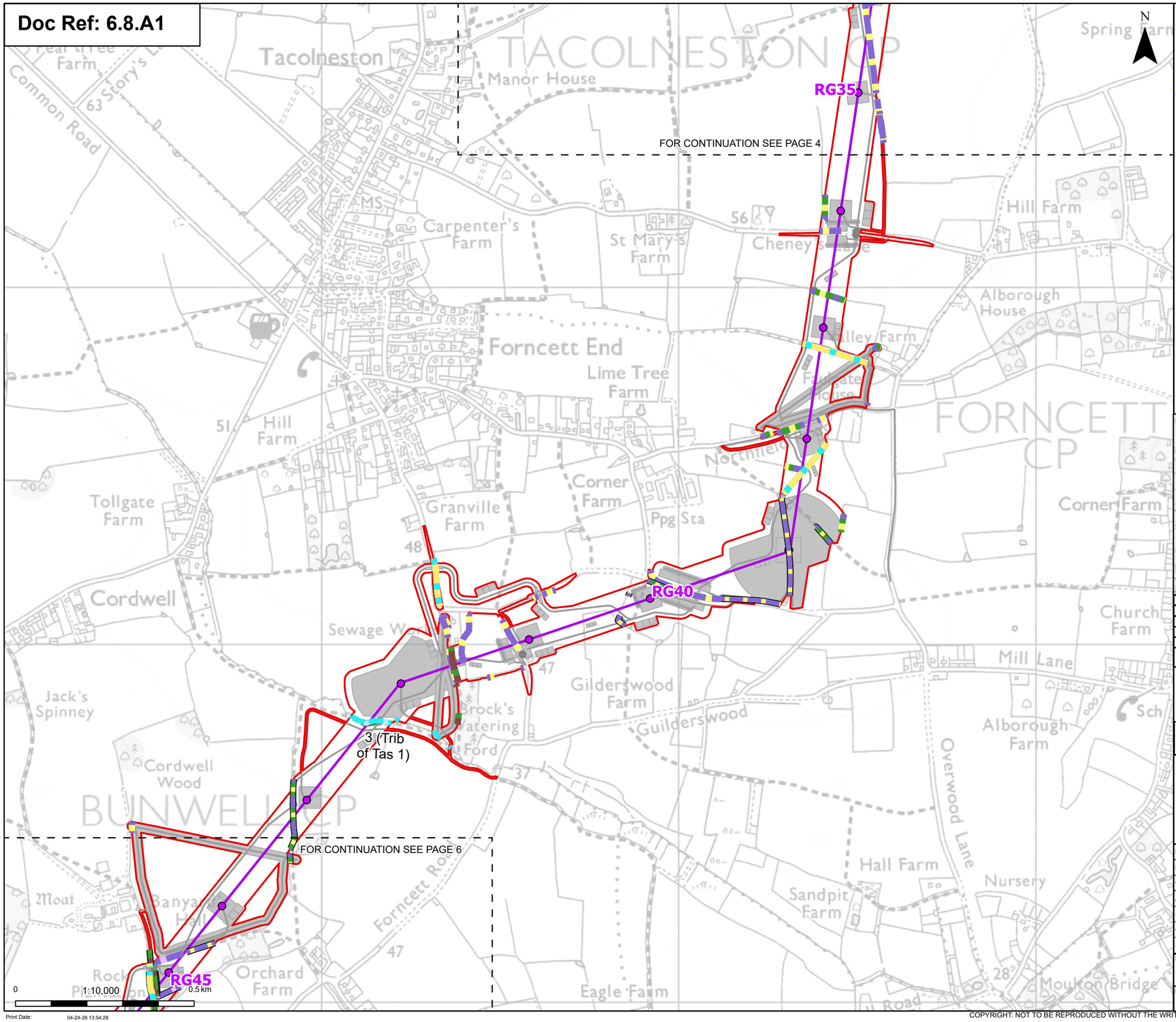

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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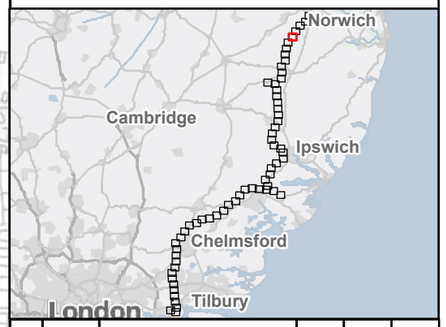

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 5 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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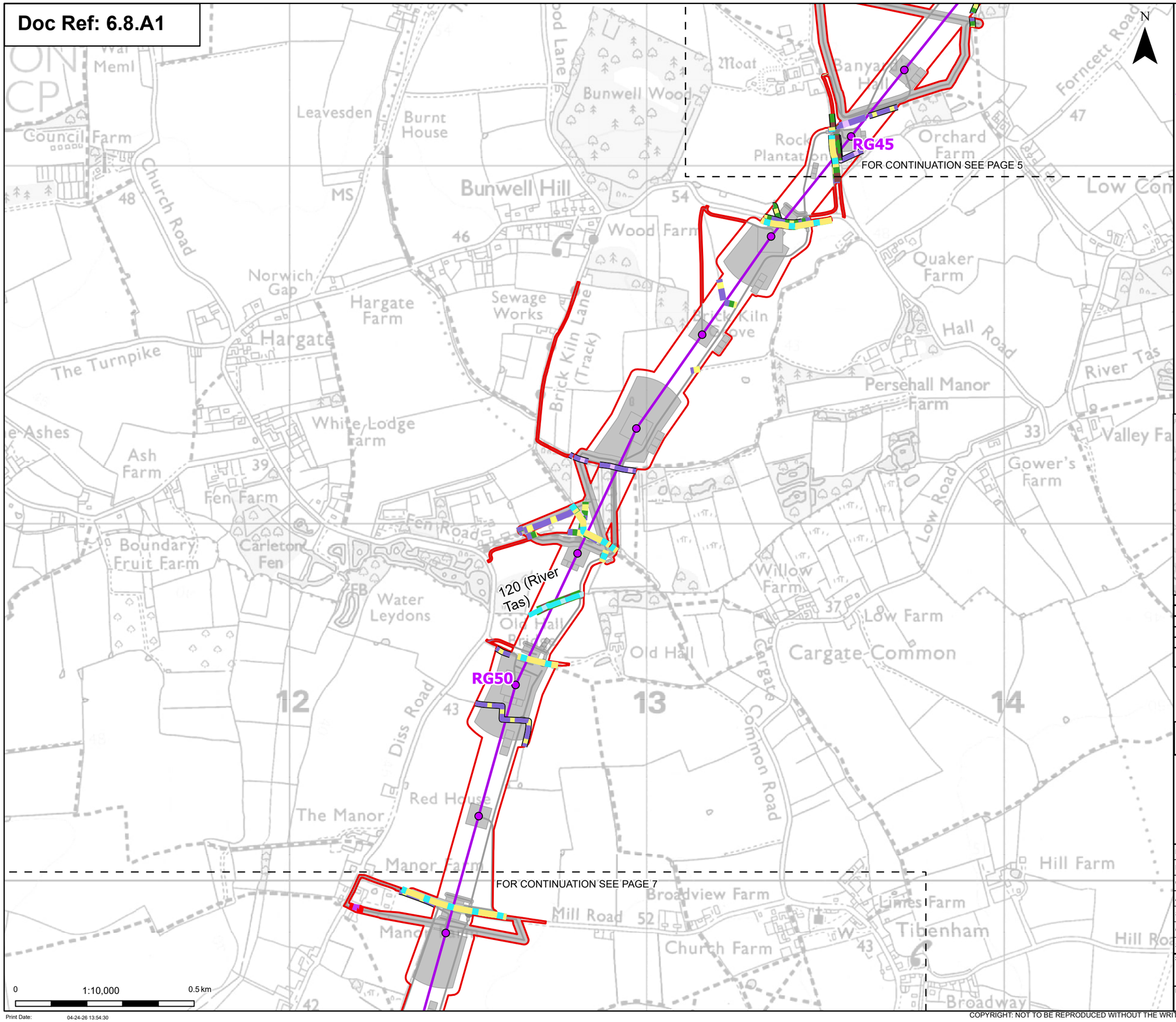

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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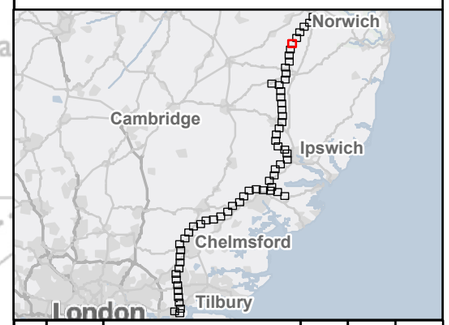

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 6 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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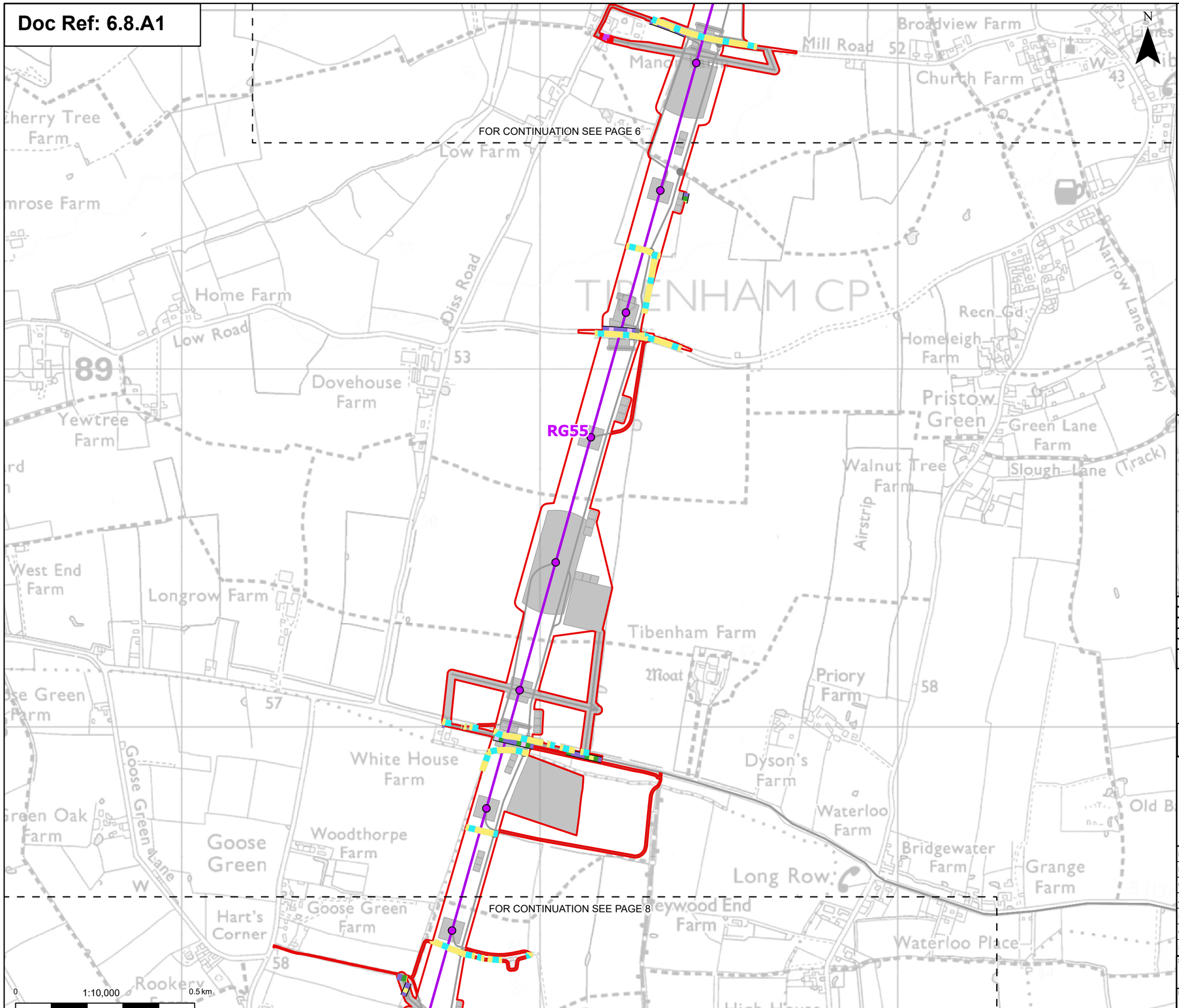

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Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Ditch

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 7 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	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-00410
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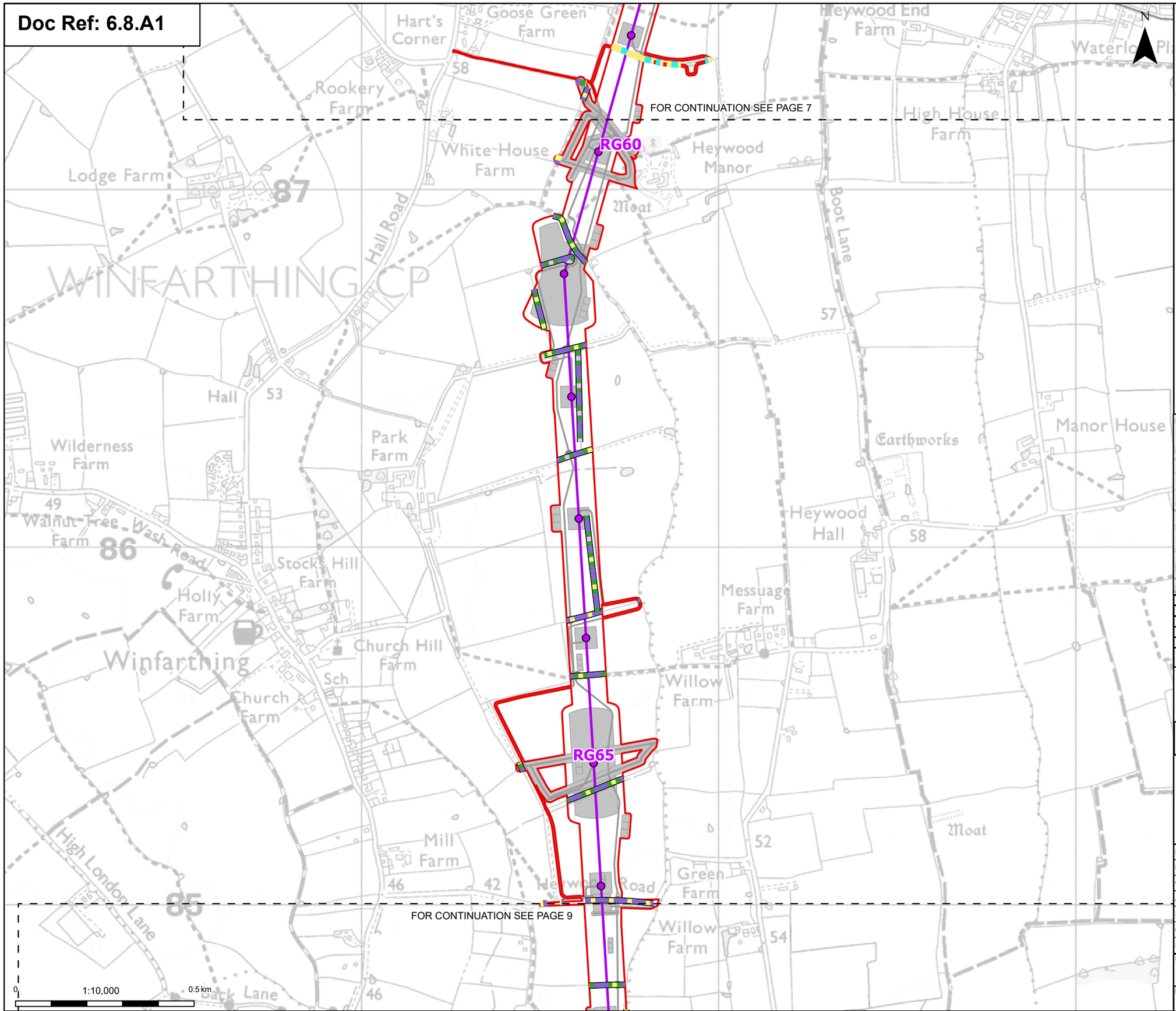

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Ditch

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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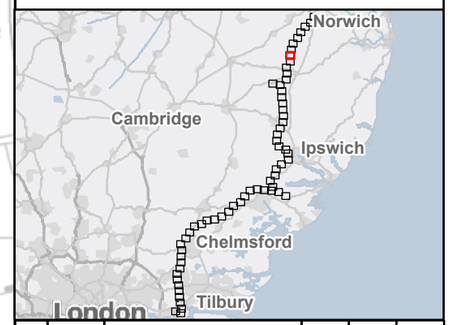

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section A

Page 8 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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FOR CONTINUATION SEE PAGE 10

RG70

16 (Frenze Beck)

N

0 1:10,000 0.5 km

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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

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section A
Page 9 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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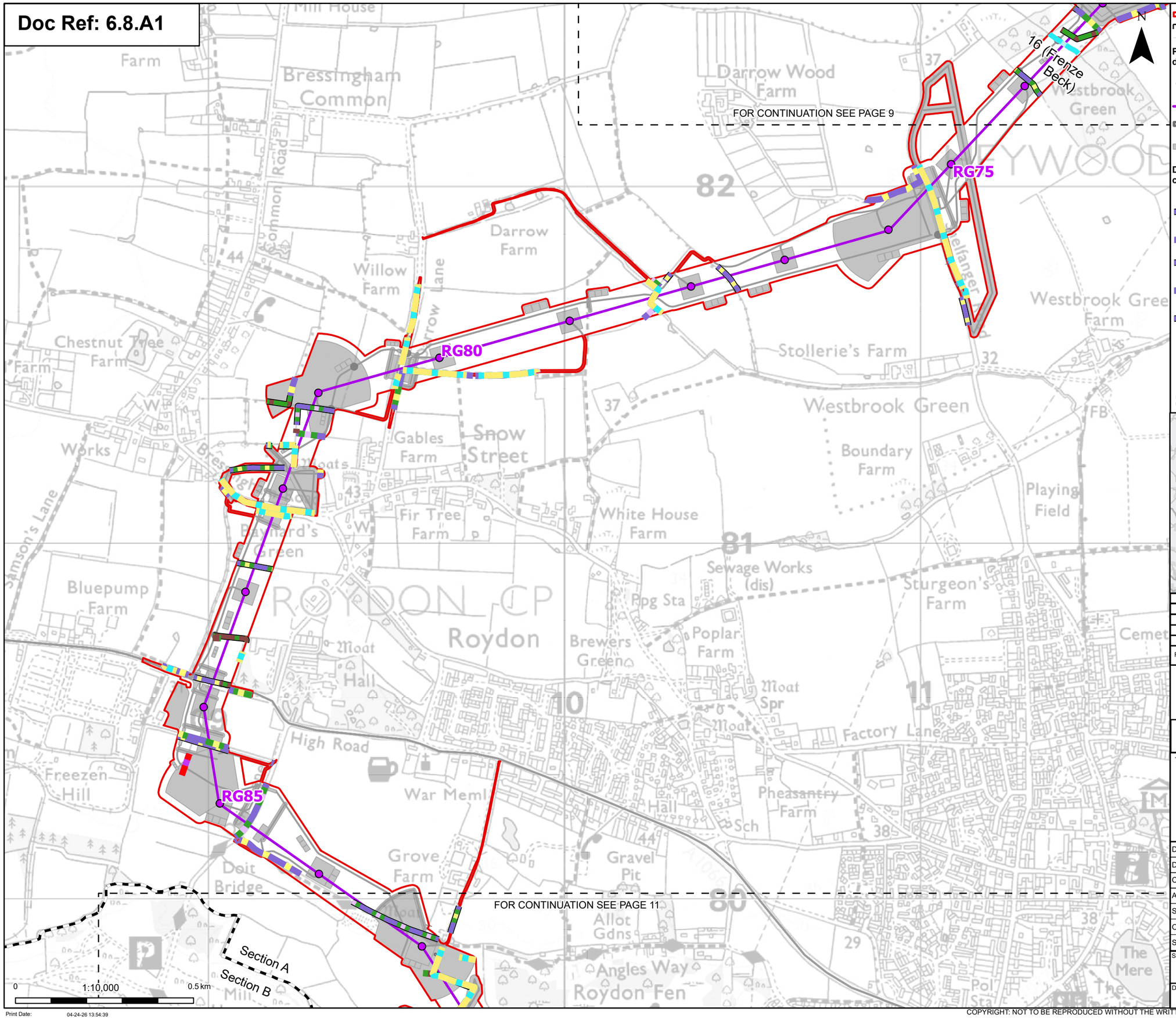

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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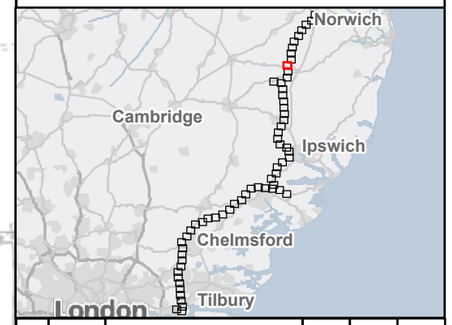

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Sections A and B
Page 10 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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Section A

Section B

FOR CONTINUATION SEE PAGE 10

126 (River Waveney)

125 (River Waveney)

RG90

RG95

556 (Trib of Waveney 2)

556 Tributary of River Waveney 2

FOR CONTINUATION SEE PAGE 12

0 1:10,000 0.5 km

Print Date: 04-24-26 13:54:43

N

- 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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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Norwich
Cambridge
Ipswich
Chelmsford
Tilbury
London

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections A and B
Page 11 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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FOR CONTINUATION SEE PAGE 11

FOR CONTINUATION SEE PAGE 13

RG95

RG100

RG105

556 Tributary of River Waveney 2

556 (Trib of

251 (Trib of Waveney 2)

128(a) (Trib of Waveney 2)

N

0 1:10,000 0.5 km

Print Date: 04-24-26 13:54:45

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
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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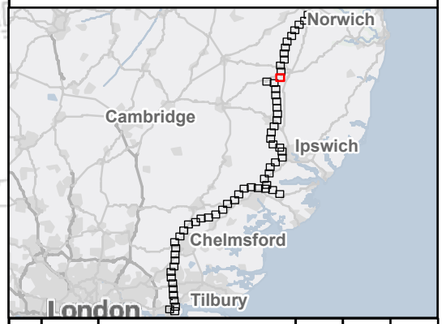

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 12 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410 Revision: C

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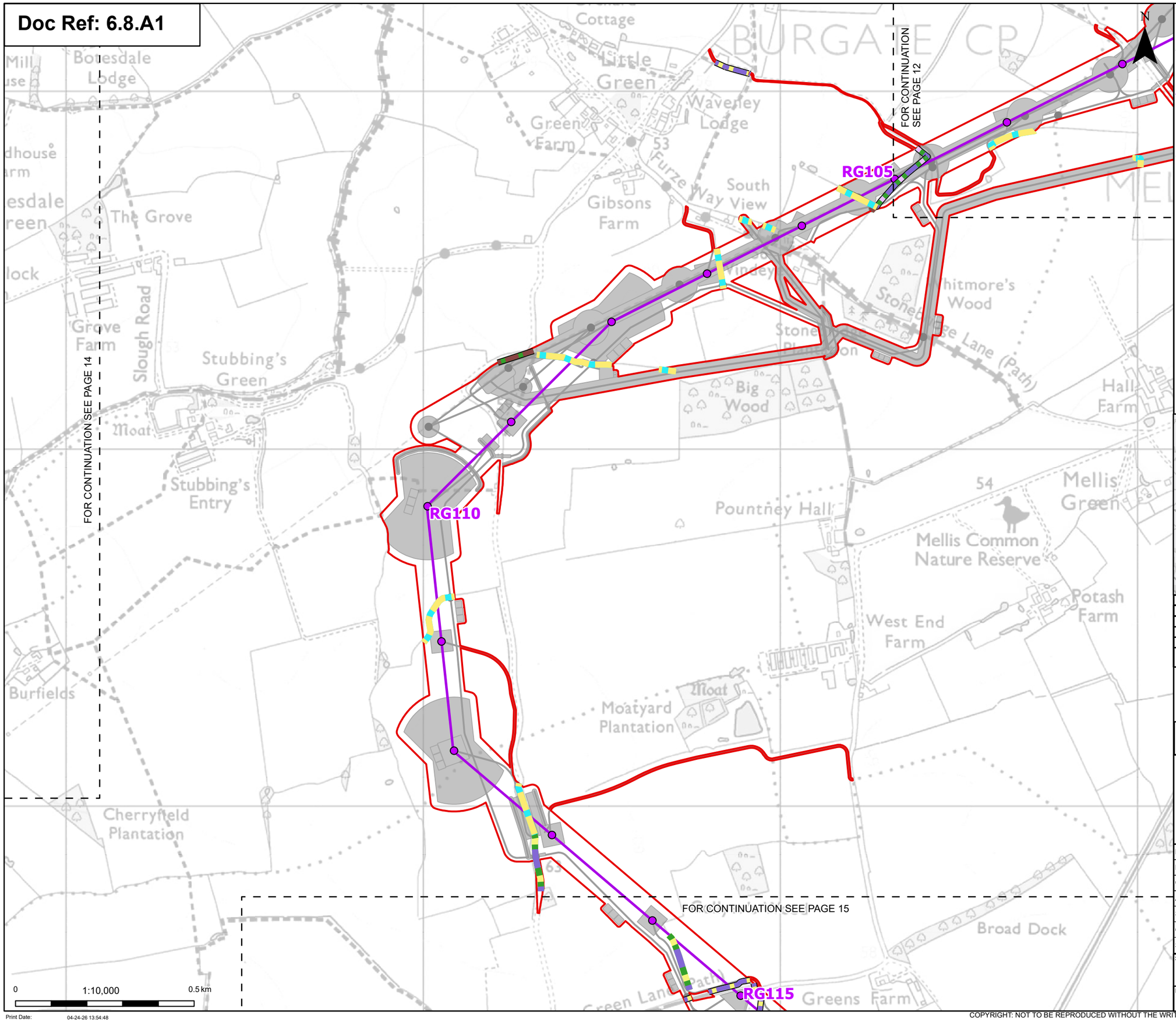

- Order limits
- Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch

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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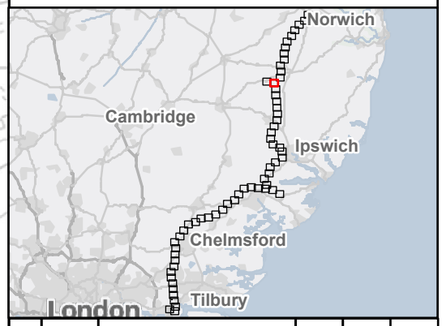

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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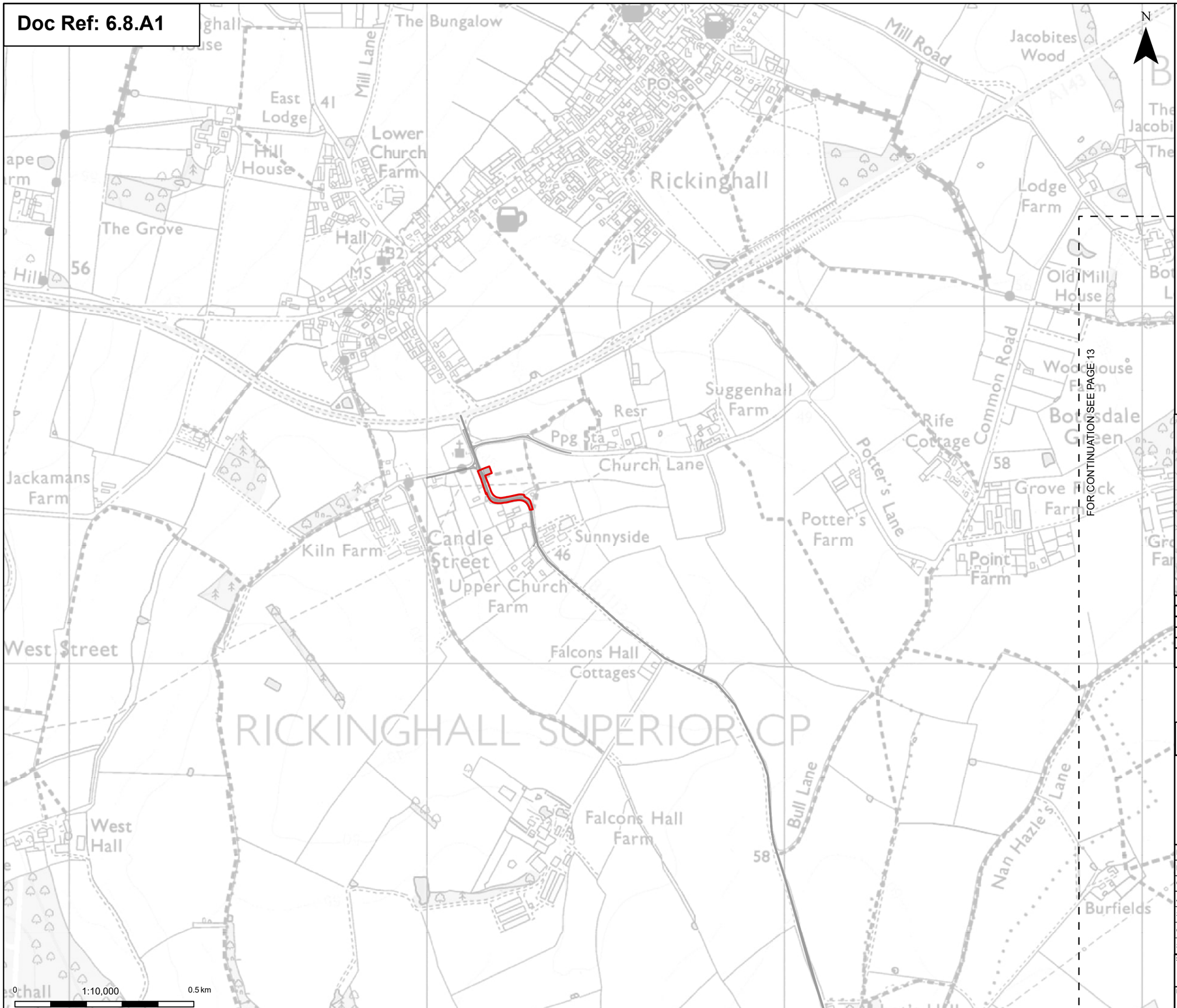

- Order limits
- Sheet index cutline

Proposed project design details

- Other temporary and permanent construction and operational works

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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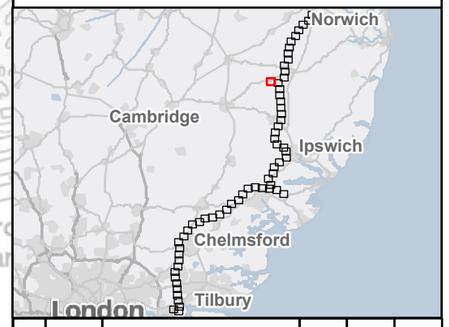

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Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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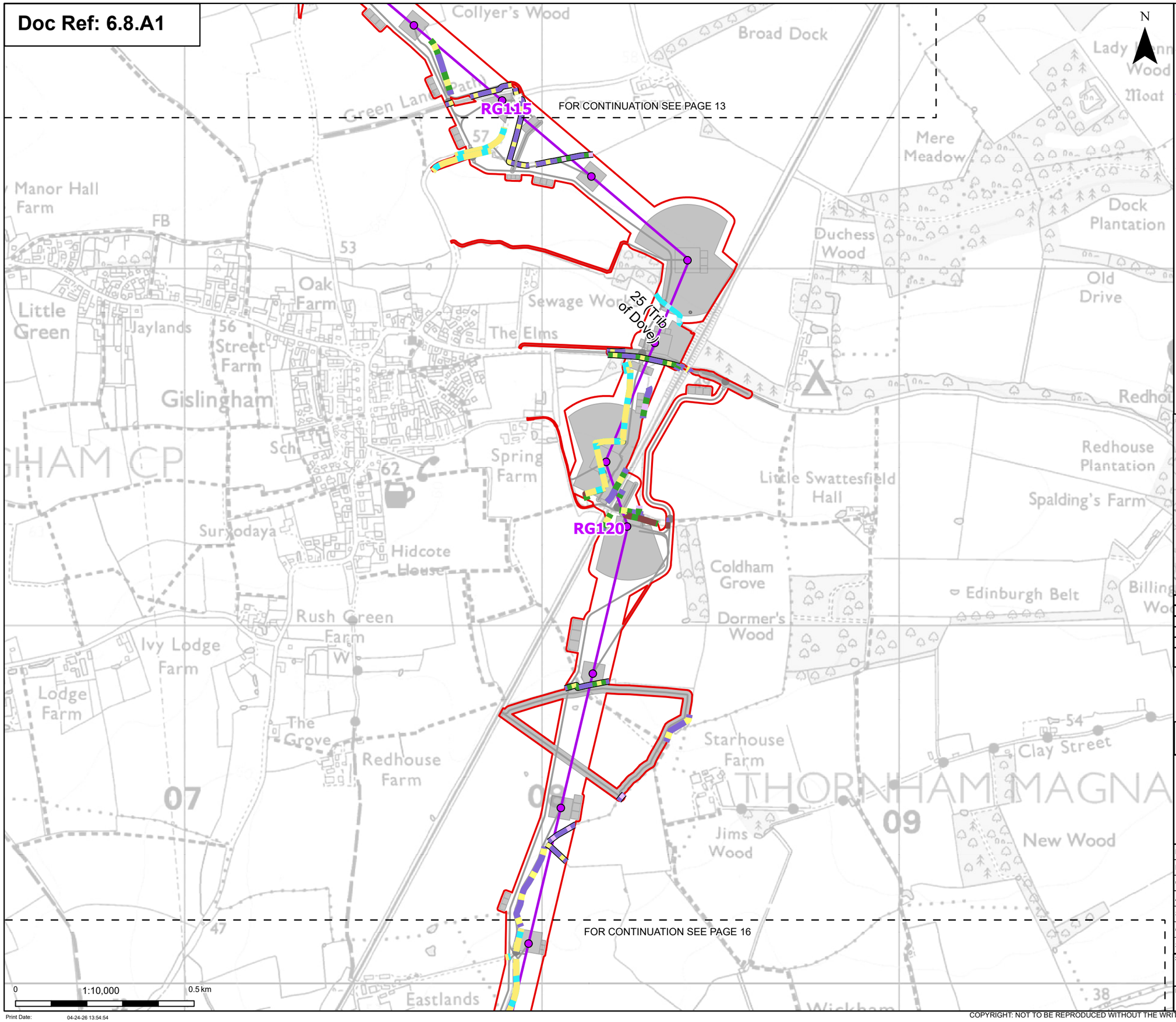

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Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 15 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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FOR CONTINUATION SEE PAGE 15

FOR CONTINUATION SEE PAGE 17

N

RG125

RG130

27 (River Dove)

Tributary of River Dove 2

FINNINGHAM CP

WICKHAM SKEITH CP

Eastlands Farm

Wickham Street

Ford

Pit (dis)

Ppg Sta

Hillside

Street Farm

The Broad Way

The Place

The Green

Wickham Green

Hollybank Farm

Wickham Abbey Farm

Daisy Green

Grange Road

Great Oak Farm

White Fa

Cemy

Green Farm Cottages

Gosford House

Mill Farm

Mill Cottage

Silver End

Low Meadow Plantation

Sewage Works

Park Farm

Surwood Farm

Jasmine Farm

Dandy Corner

Poplar Farm

Hemnalls Hall

Cotton Hills

Wickham Lane

Cotton Lane (Track)

Meadowmead Hall

Moat

0 1:10,000 0.5 km

Print Date: 04-24-26 13:54:57

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Ditch
- Priority habitat

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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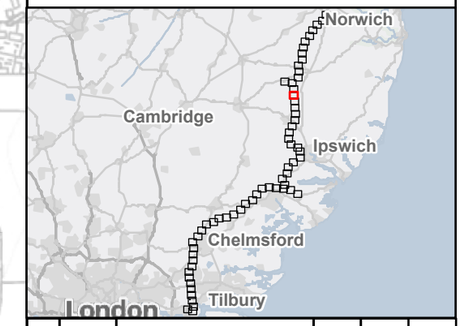

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 16 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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FOR CONTINUATION SEE PAGE 18

RG135

N

0 1:10,000 0.5 km

Print Date: 04-24-26 13:55:00

- 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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch

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	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 17 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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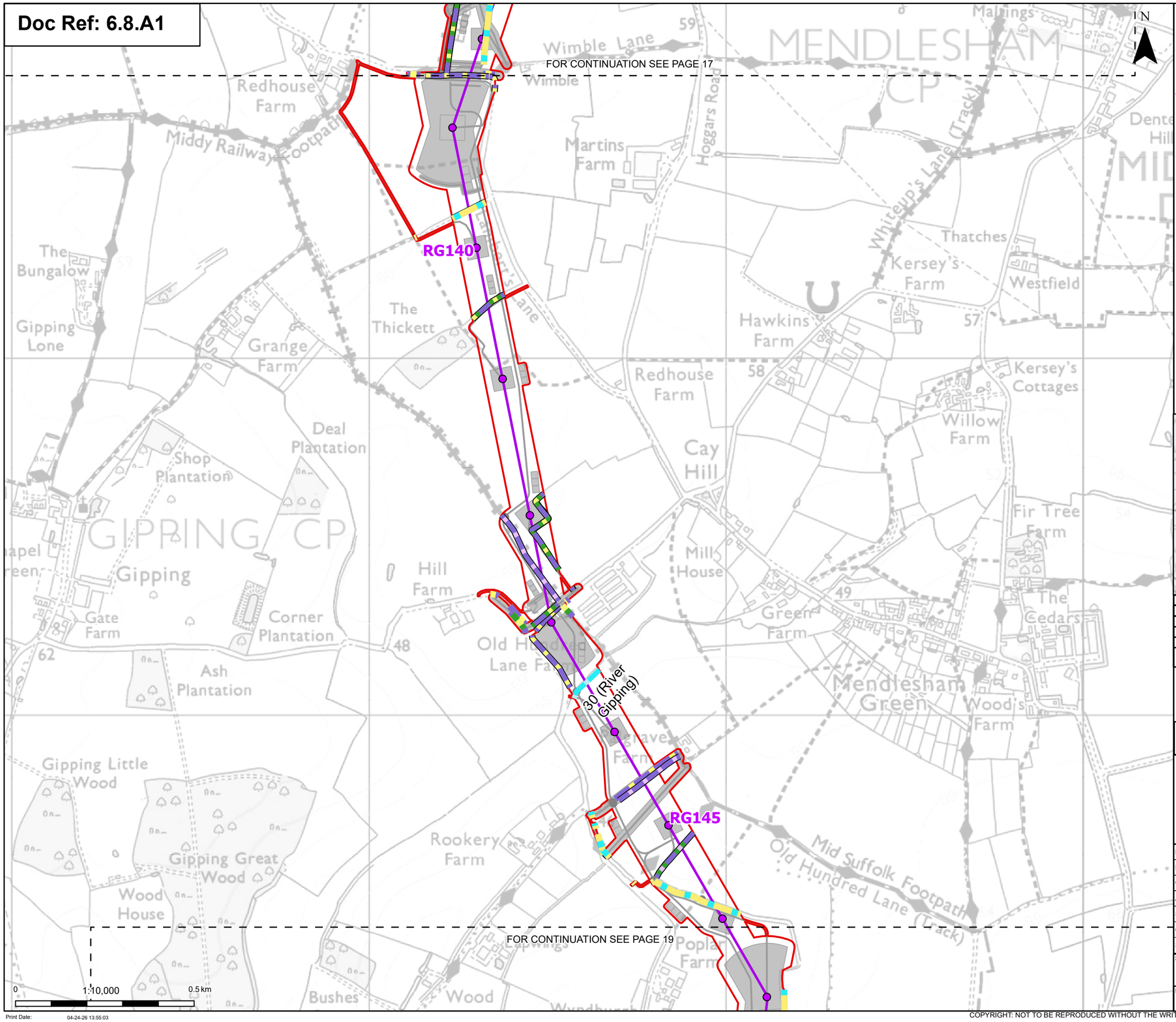

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Line of trees - associated with bank or ditch
- Ditch
- Priority habitat

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 18 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:55:03

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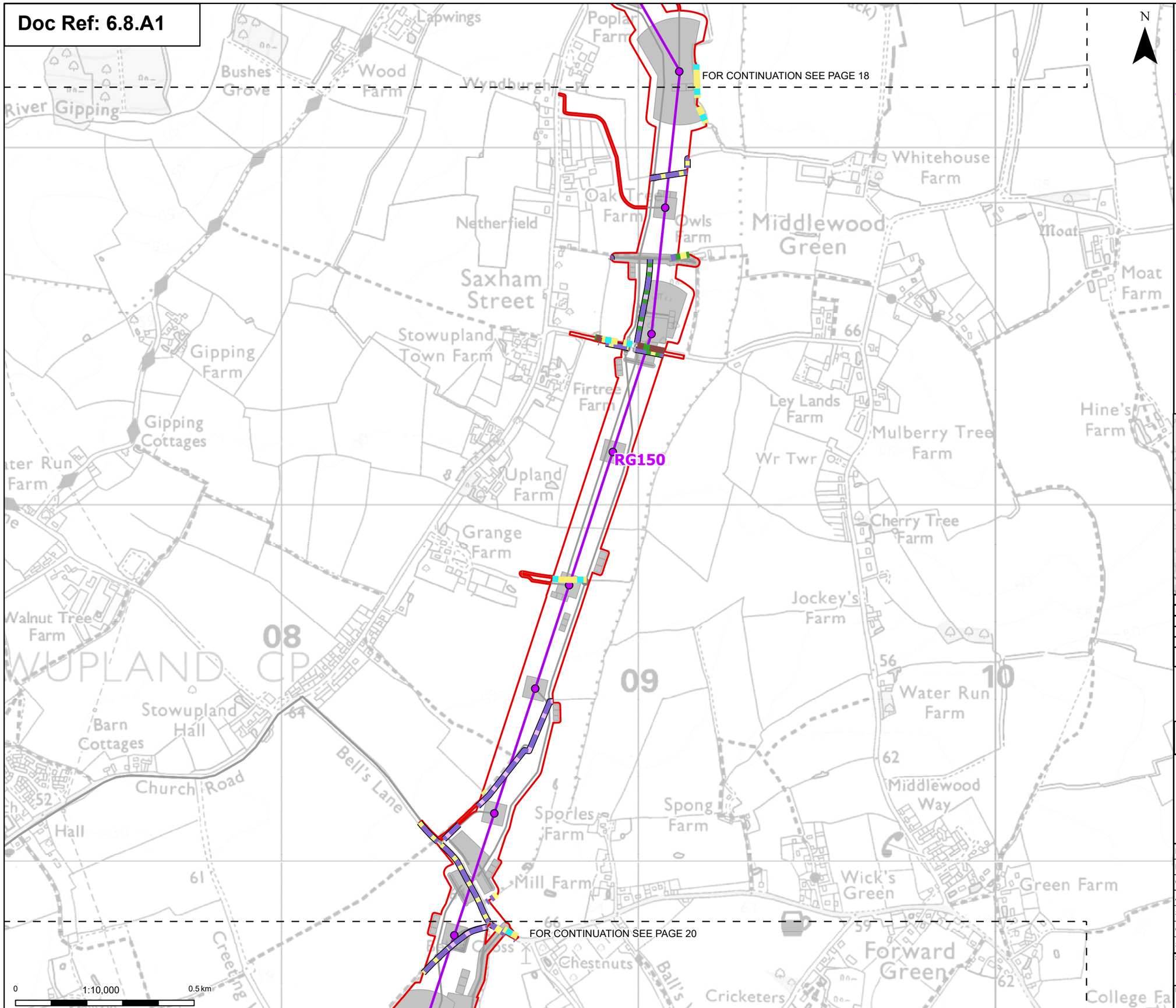

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Line of trees
- Ditch

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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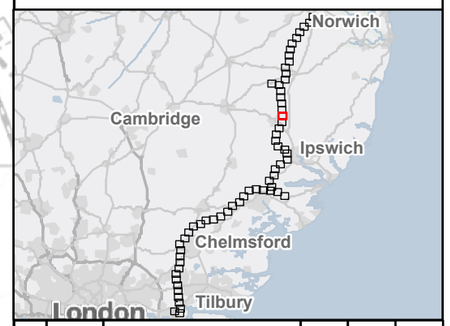

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:55:07

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FOR CONTINUATION SEE PAGE 19

RG155

RG160

FOR CONTINUATION SEE PAGE 21

0 1:10,000 0.5 km

N

- 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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Line of trees
- Ditch

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

Print Date: 04-24-26 13:55:10

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FOR CONTINUATION SEE PAGE 22

RG165

RG170

River Gipping

134 (Trib of Gipping)

32 (Wattisham Watercourse)

0 1:10,000 0.5 km

N

Order limits
Sheet index cutline

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
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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

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PROJECT:
Norwich to Tilbury

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

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 21 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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FOR CONTINUATION SEE PAGE 23

RG175

RG180

32 (Wattisham Watercourse)

N

0 1:10,000 0.5 km

Order limits
Sheet index cutline

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
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 22 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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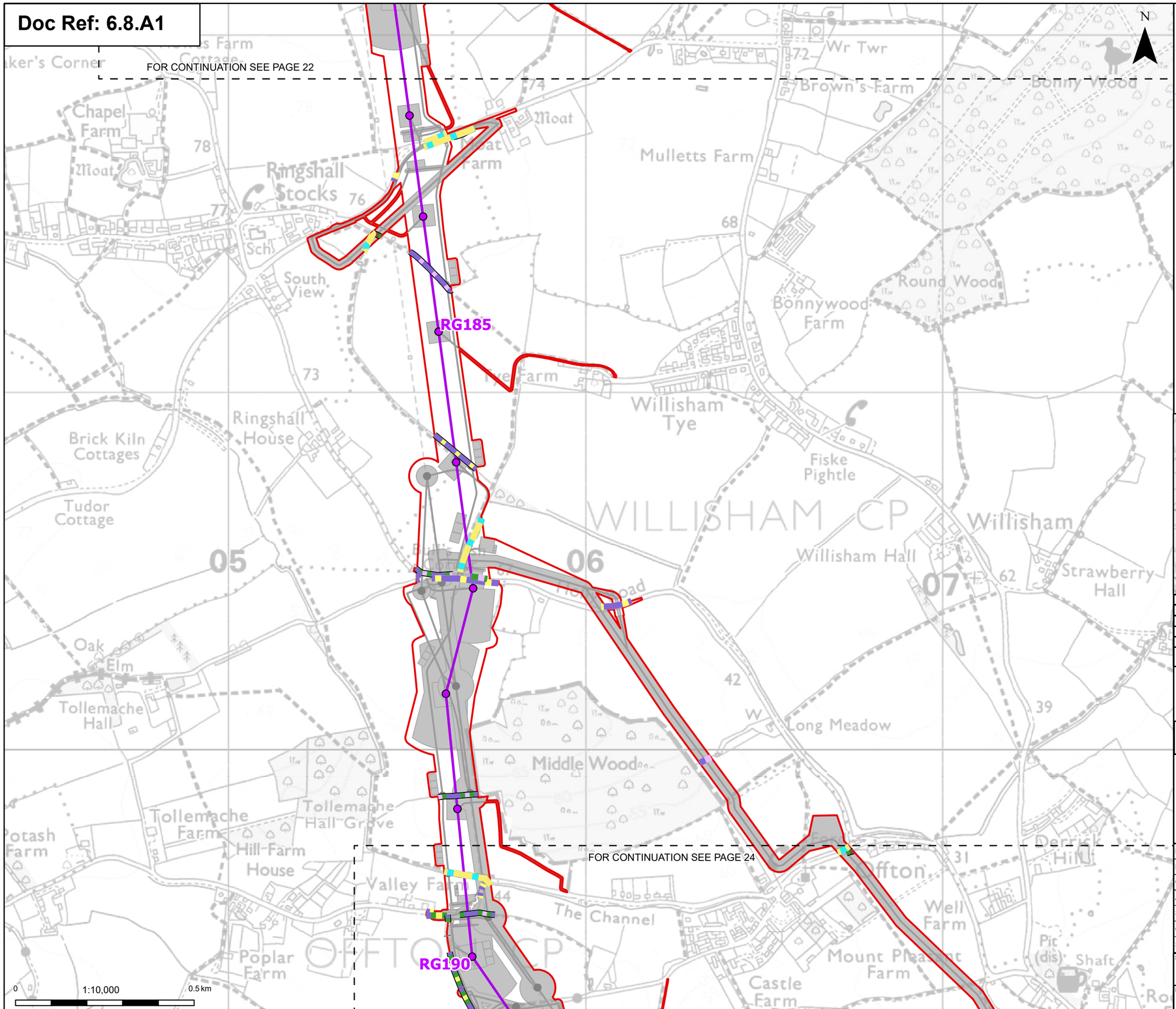

Print Date: 04-24-26 13:55:21

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Ditch

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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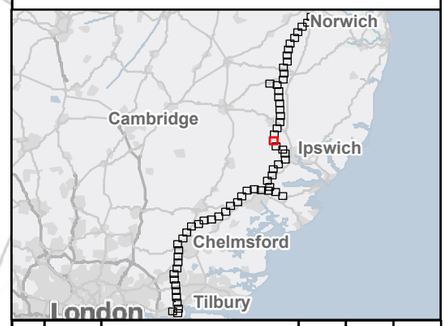

Rev	Date	Description	Drawn	Check	Approv
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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
Page 23 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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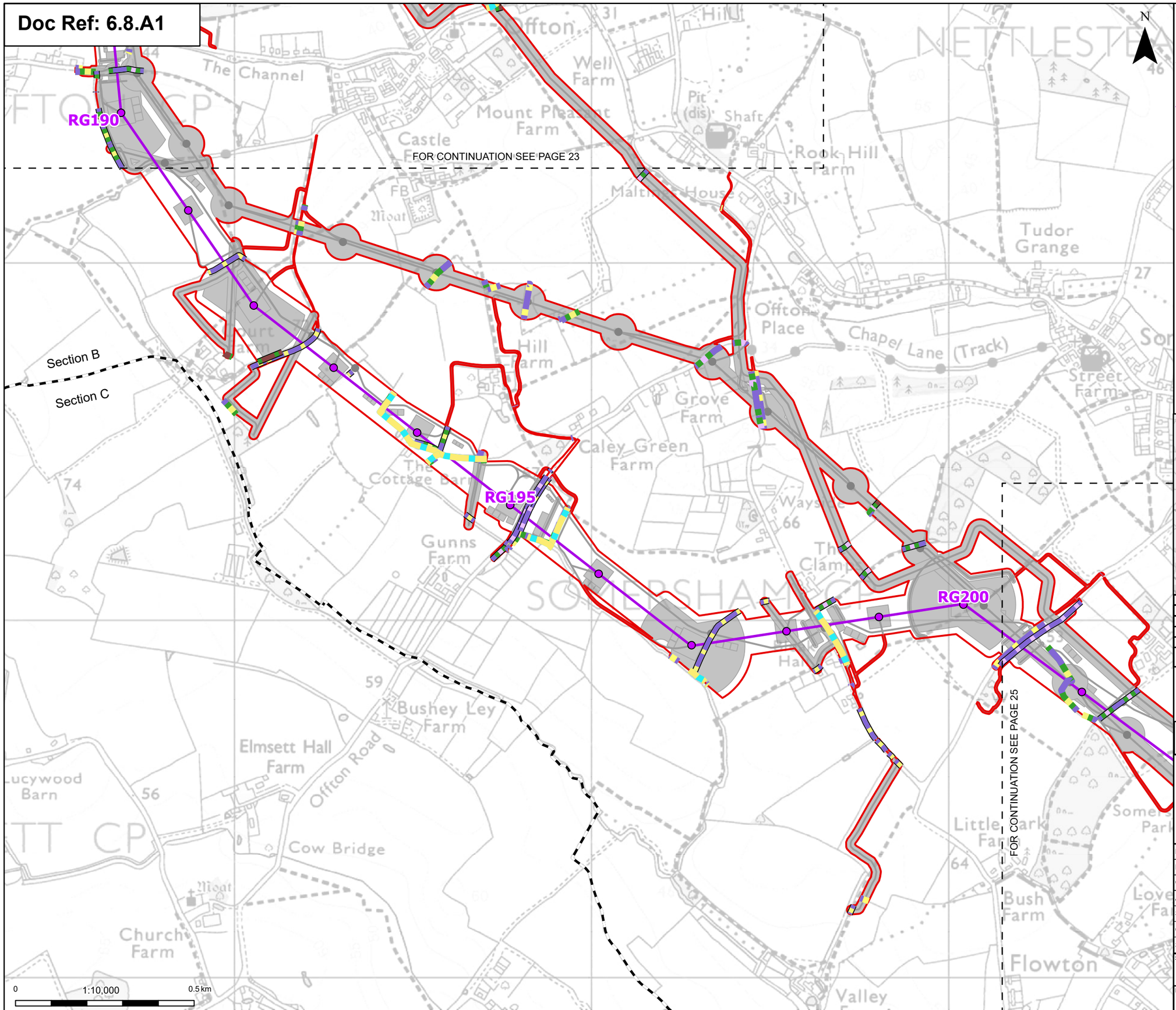

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch

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	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections B and C
Page 24 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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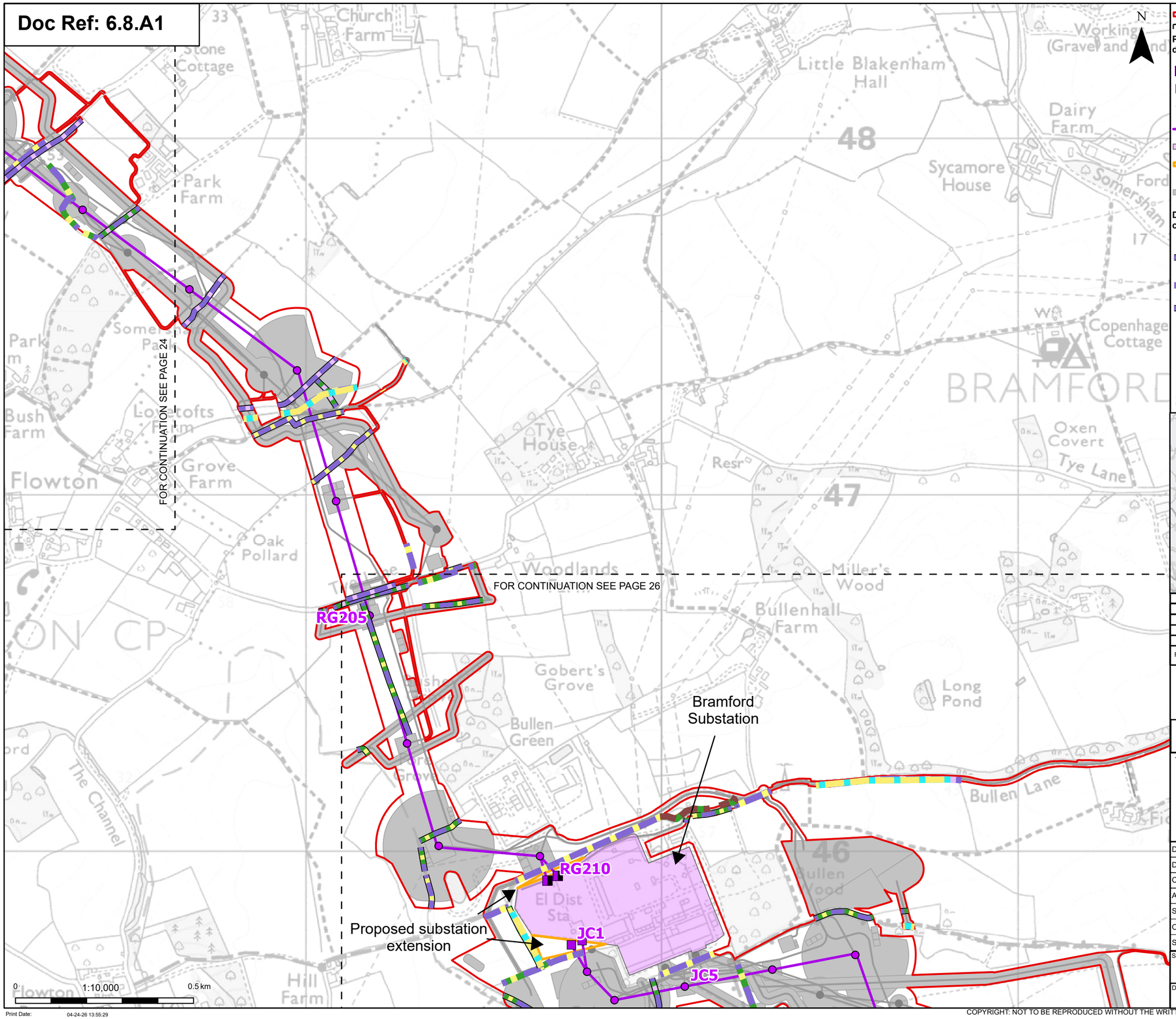

Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch

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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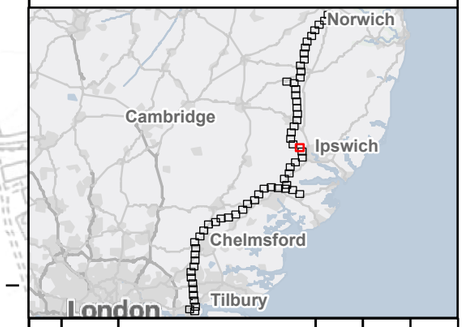

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section B
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

Print Date: 04-24-26 13:55:29

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RG205

RG210

JC1

JC5

JC10

Bramford Substation

Proposed substation extension

FOR CONTINUATION SEE PAGE 25

FOR CONTINUATION SEE PAGE 27

Section B

Section C

N

0 1:10,000 0.5 km

Print Date: 04-24-26 13:55:33

- Order limits
- Sheet index cutline
- 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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch

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	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections B and C Page 26 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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FOR CONTINUATION SEE PAGE 26

FOR CONTINUATION SEE PAGE 28

JC15

JC20

139 (Belstead Brook)

140 (Spring Brook)

N

0 1:10,000 0.5 km

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
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Culvert
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section C
Page 27 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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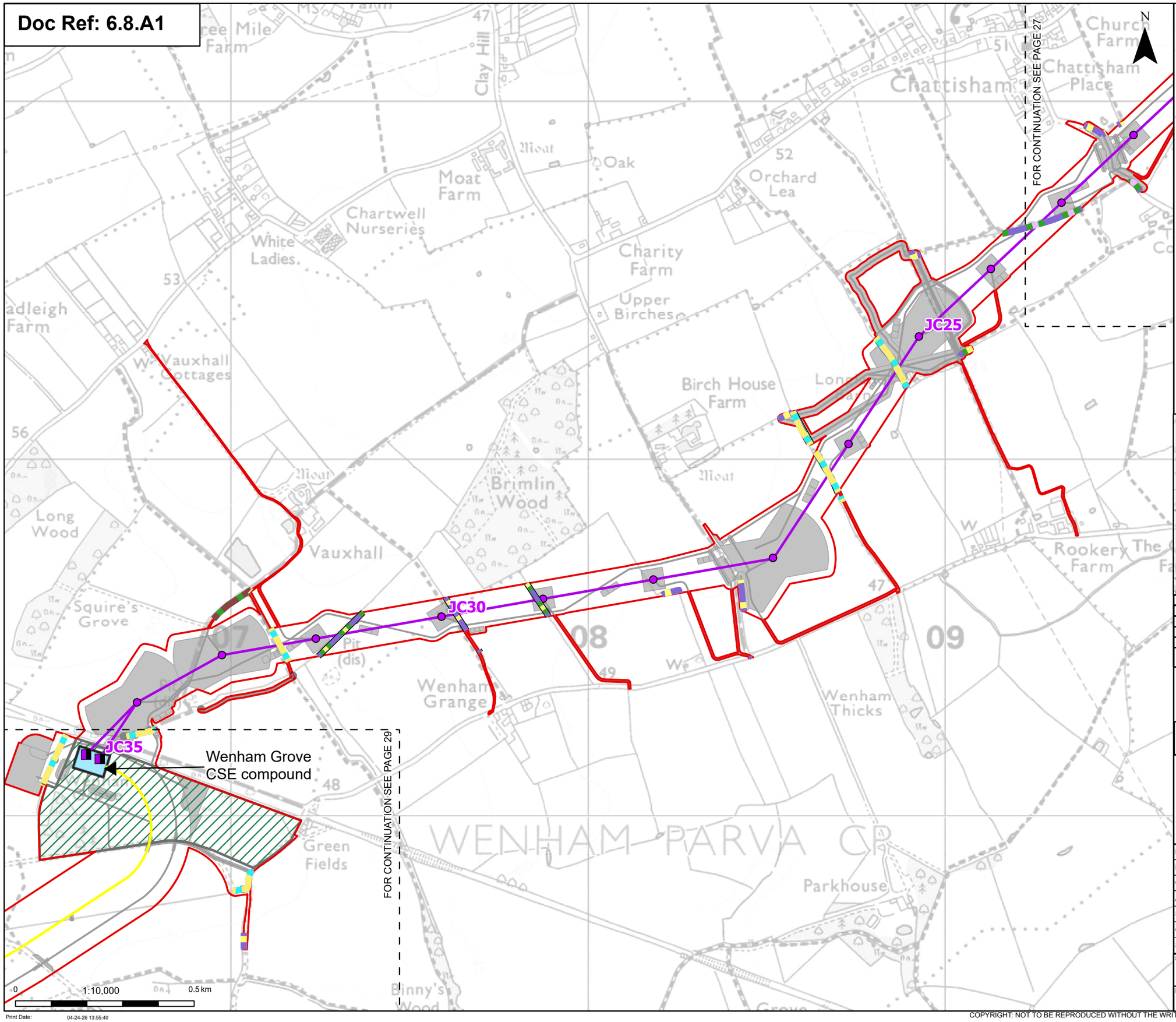

Order limits
Sheet index cutline

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)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees
- Ditch

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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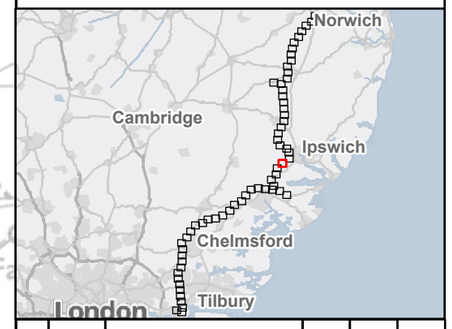

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section C
Page 28 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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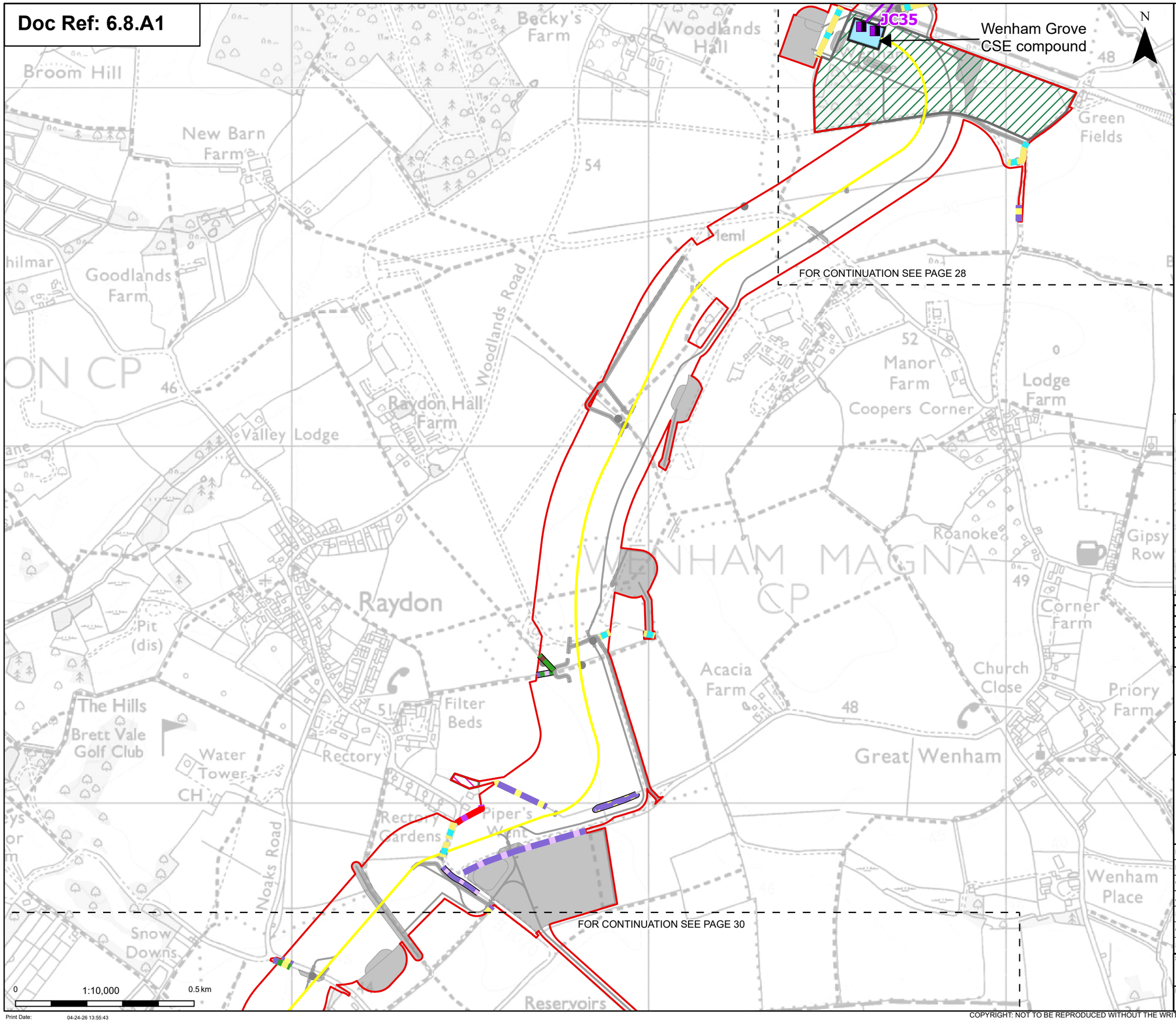

- Order limits
- Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Ditch

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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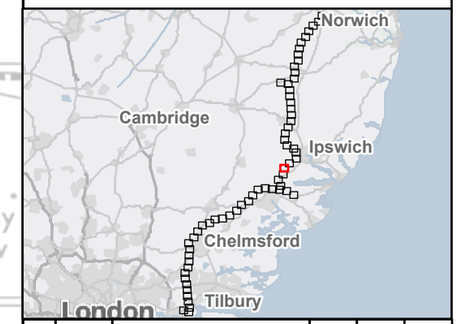

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section C Page 29 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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FOR CONTINUATION SEE PAGE 29

FOR CONTINUATION SEE PAGE 31

N

0 1:10,000 0.5 km

Print Date: 04-24-26 13:55:46

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

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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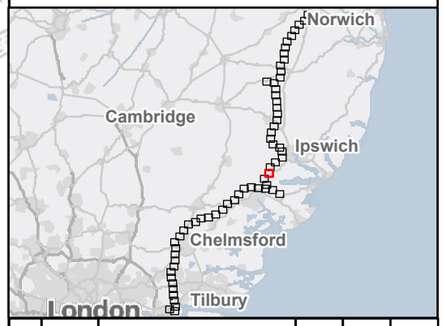

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section C
Page 30 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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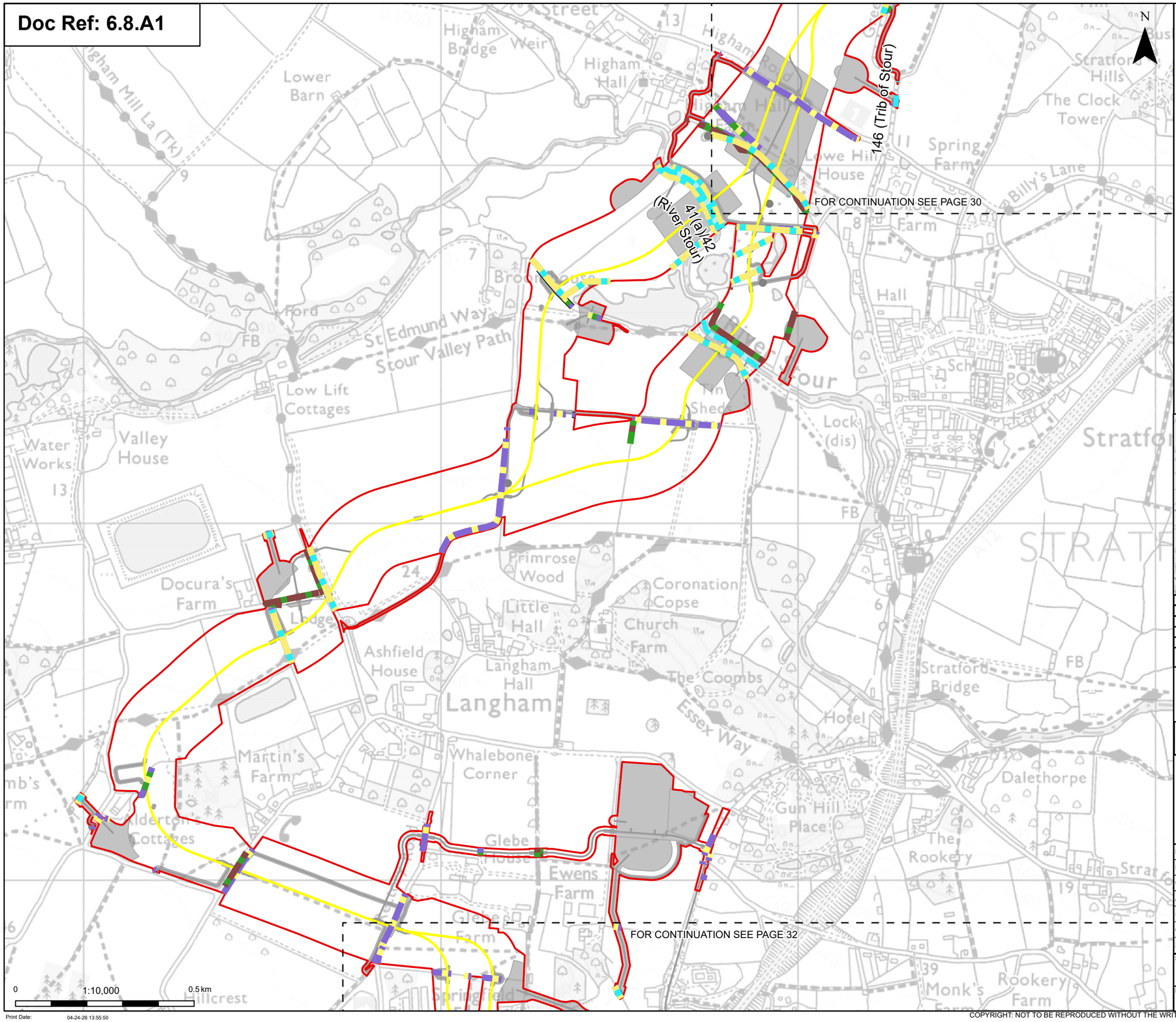

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

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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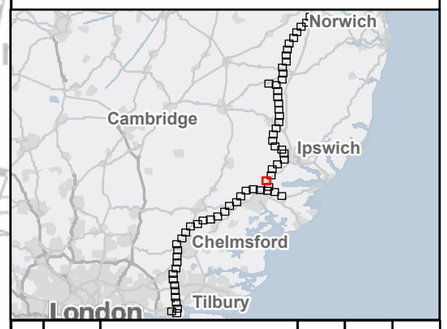

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section C
Page 31 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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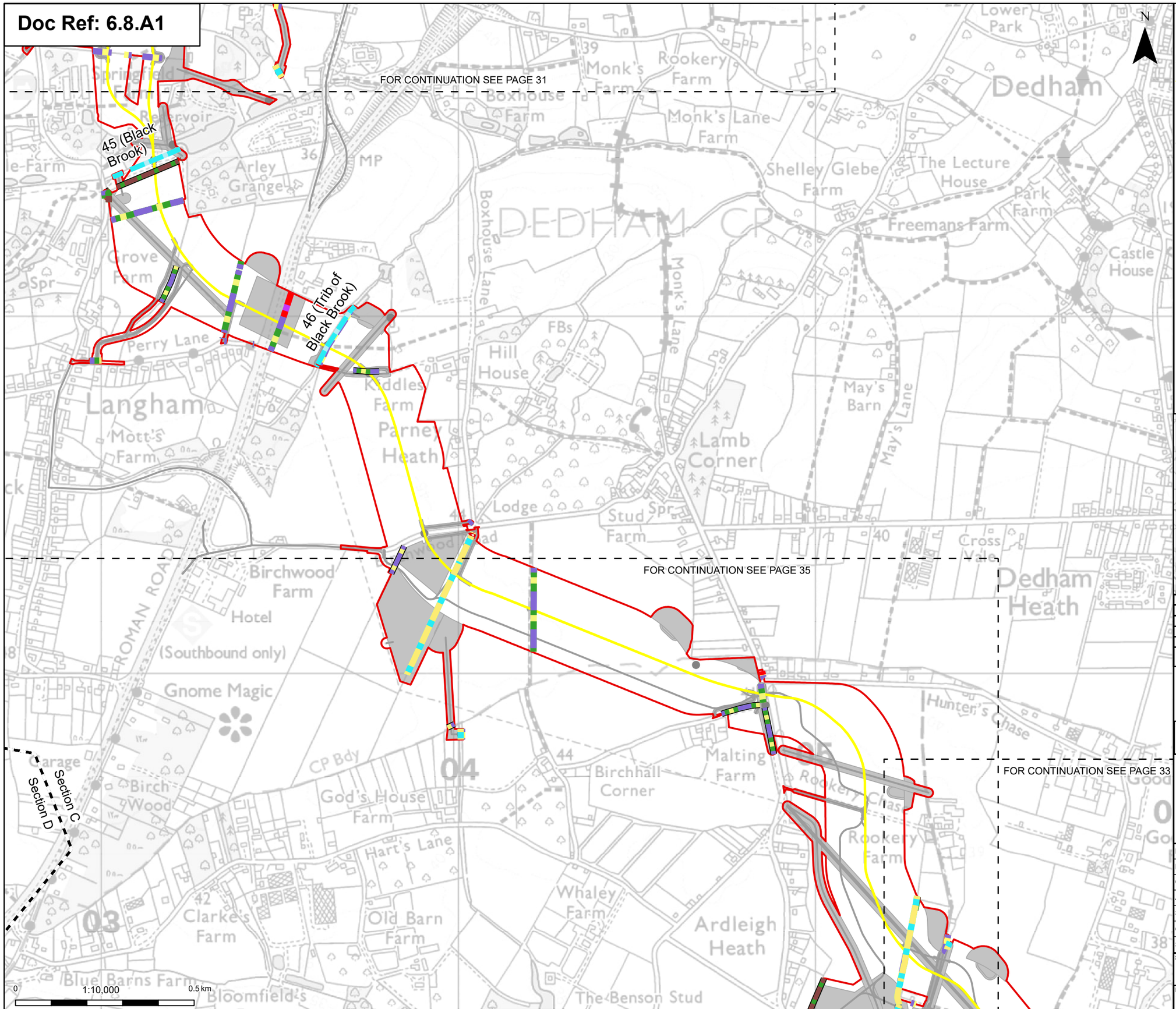

Print Date: 04-24-26 13:55:54

N

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections C and D
Page 32 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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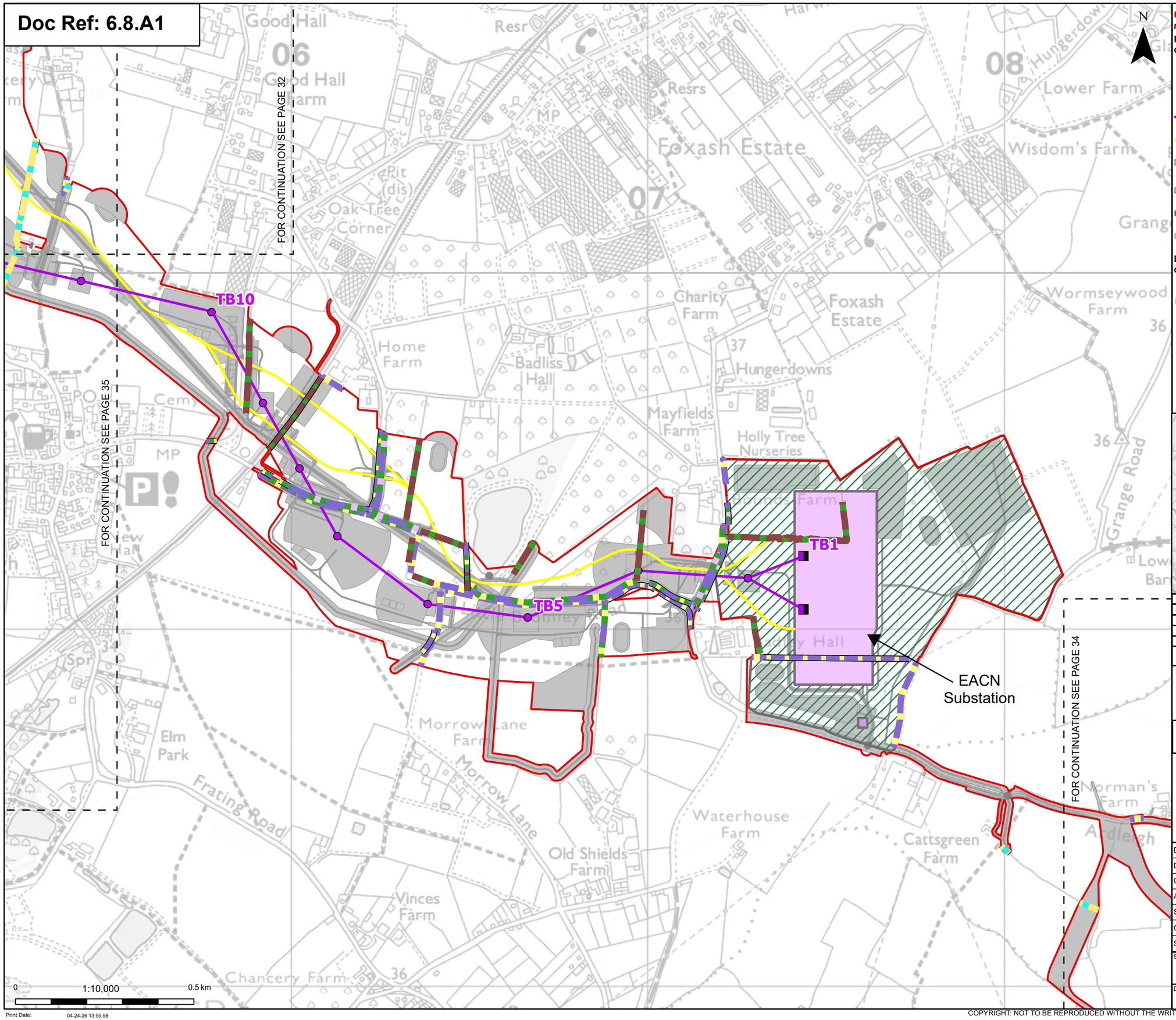

- Order limits
- Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section C
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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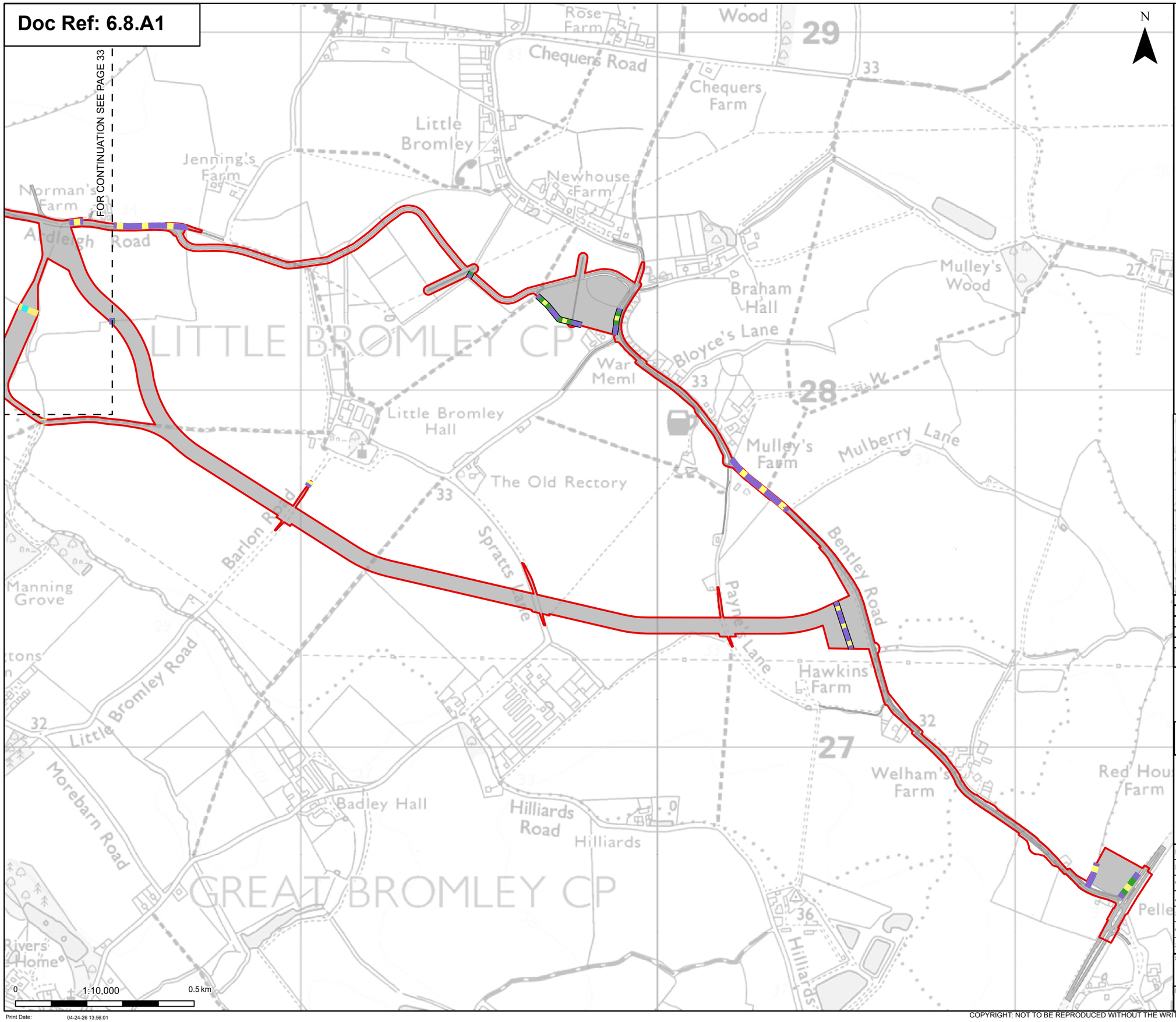

Order limits
Sheet index cutline
Proposed project design details
Other temporary and permanent construction and operational works

Discipline specific constraints

Native hedgerow
Native hedgerow - associated with bank or ditch
Native hedgerow with trees
Native hedgerow with trees - associated with bank or ditch
Ditch

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section C
Page 34 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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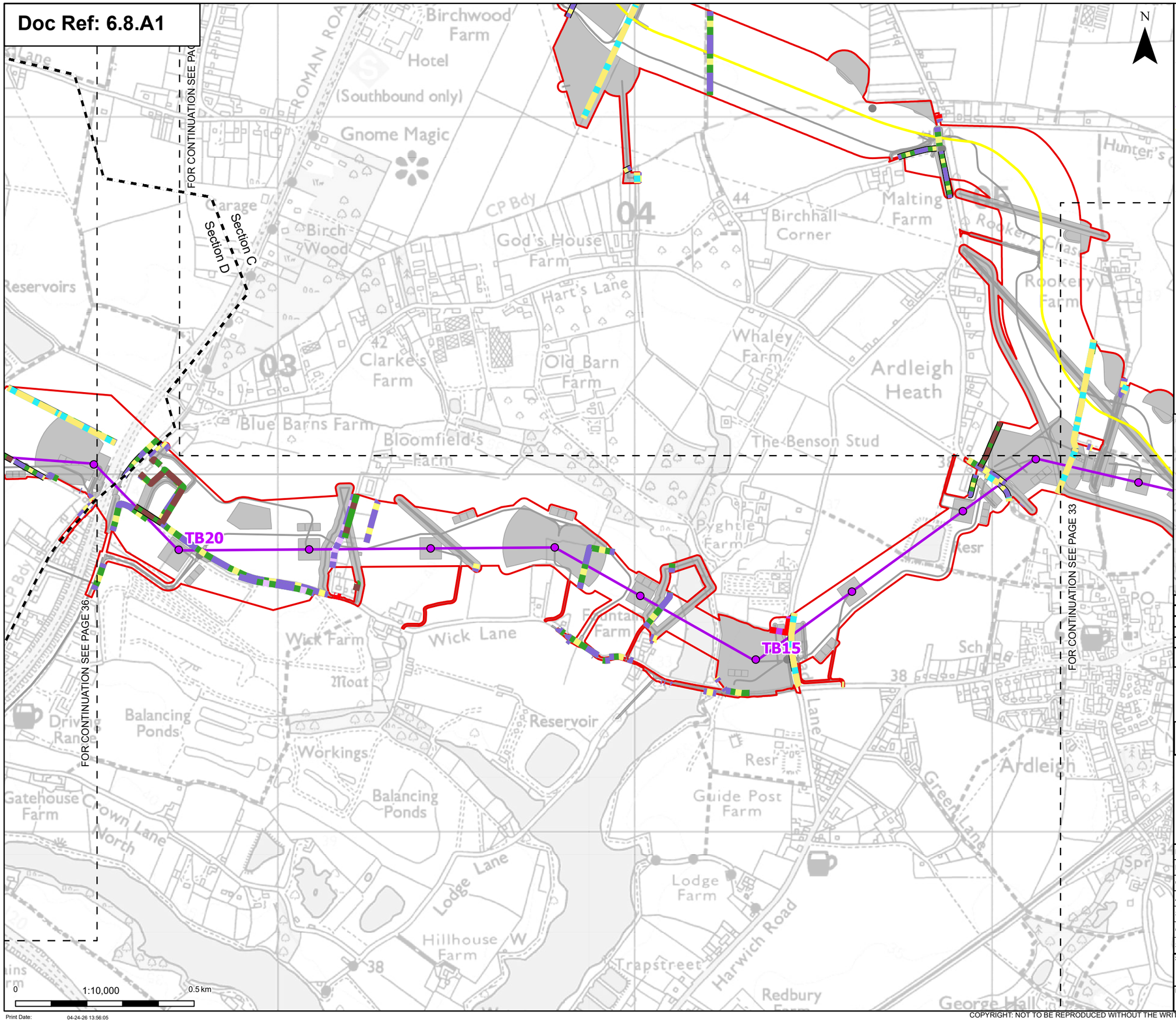

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch

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	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Sections C and D
Page 35 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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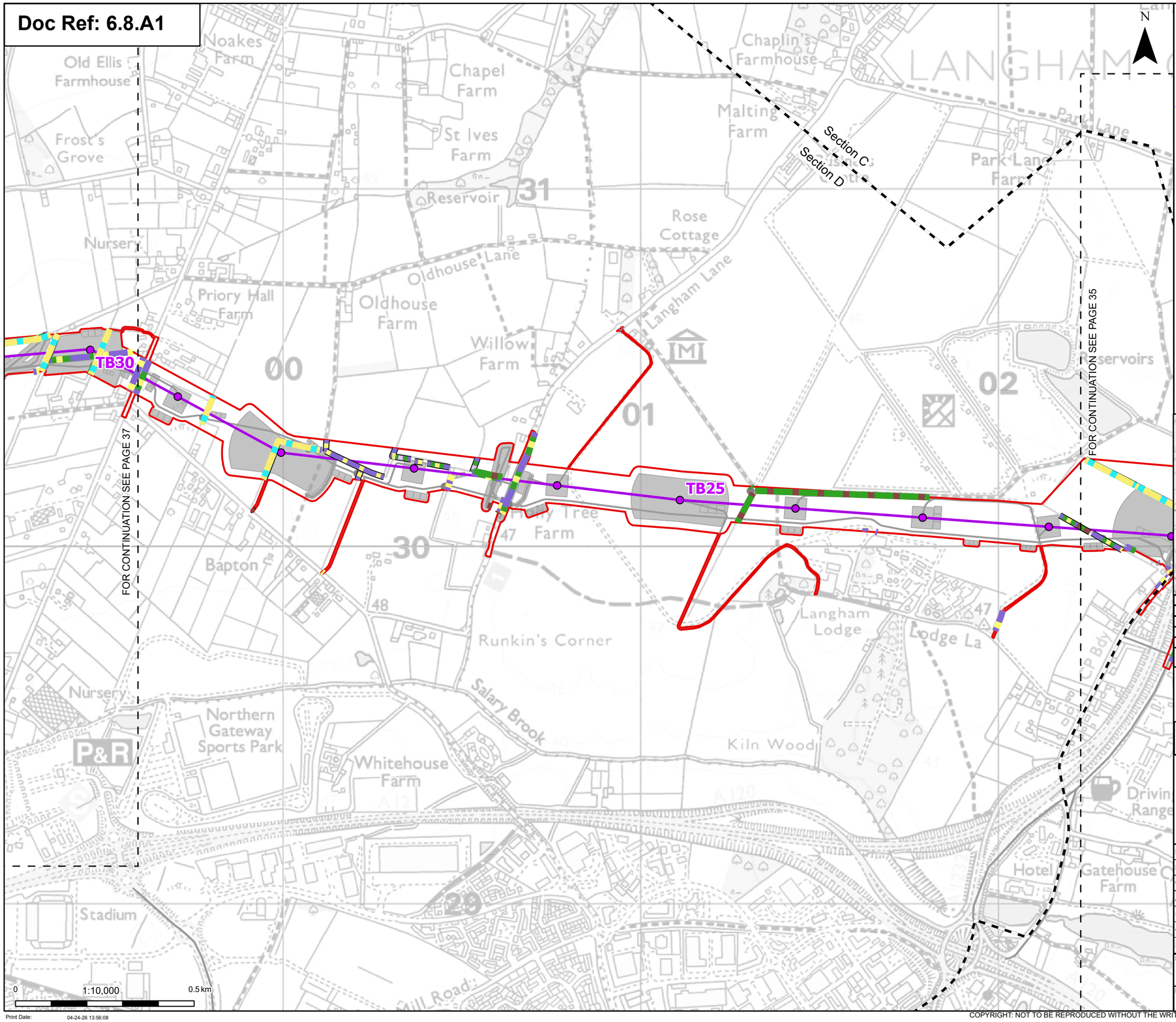

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

Species-rich native hedgerow with trees - associated with bank or ditch
Native hedgerow
Native hedgerow - associated with bank or ditch
Native hedgerow with trees
Native hedgerow with trees - associated with bank or ditch
Line of trees - associated with bank or ditch
Ecologically valuable line of trees
Line of trees
Ditch

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	Oct 2025	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)&(l)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections C and D
Page 36 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:56:08

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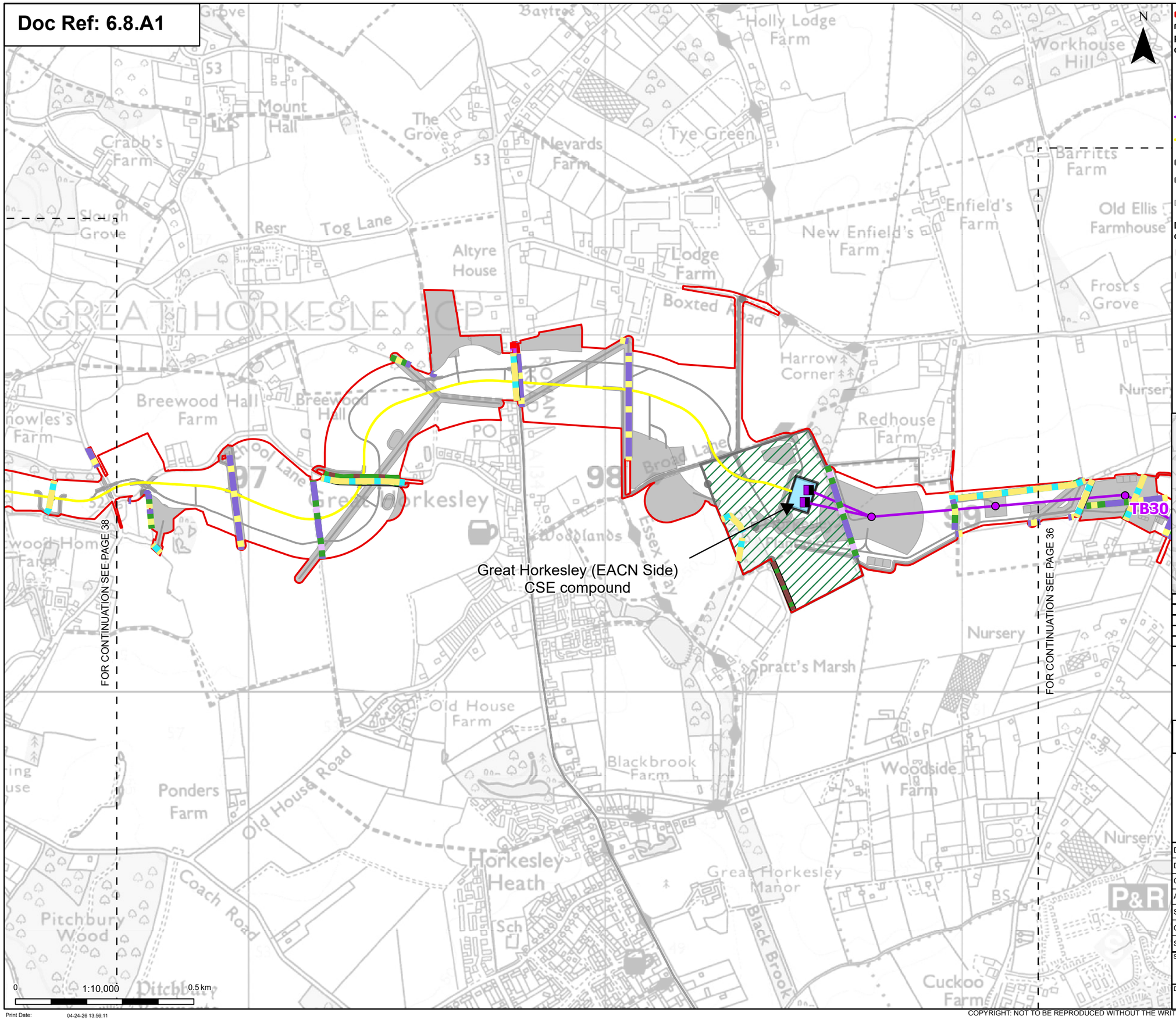
Doc Ref: 6.8.A1



Order limits
Sheet index cutline

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)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ditch

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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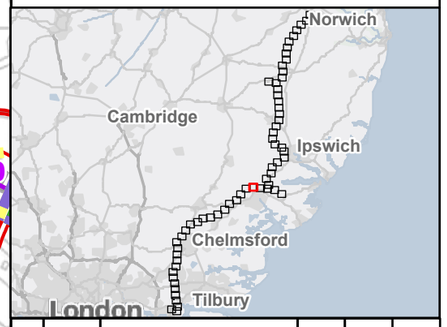

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C	May 2026	FOR DCO APPLICATION	NB	AF	KB
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section D
Page 37 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

Print Date: 04-24-26 13:56:11

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Great Horkesley (Tilbury Side) CSE compound

TB35

TB40

55 (Trib of Colne)

FOR CONTINUATION SEE PAGE 37

FOR CONTINUATION SEE PAGE 39

0 1:10,000 0.5 km

N

- Order limits
- Sheet index cutline

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)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section D
Page 38 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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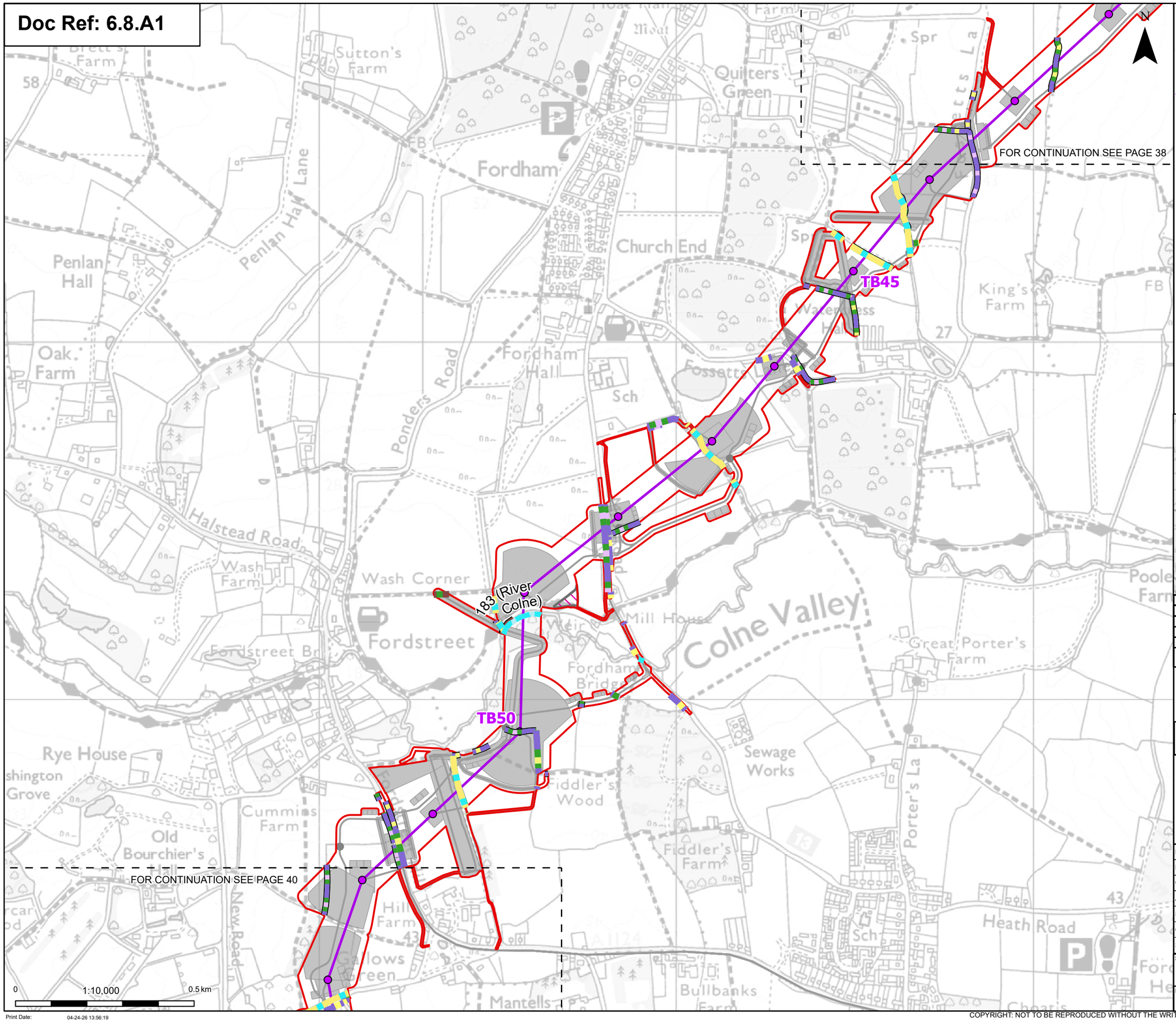
Doc Ref: 6.8.A1



Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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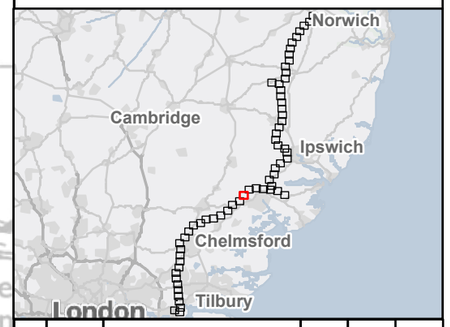

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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section D
Page 39 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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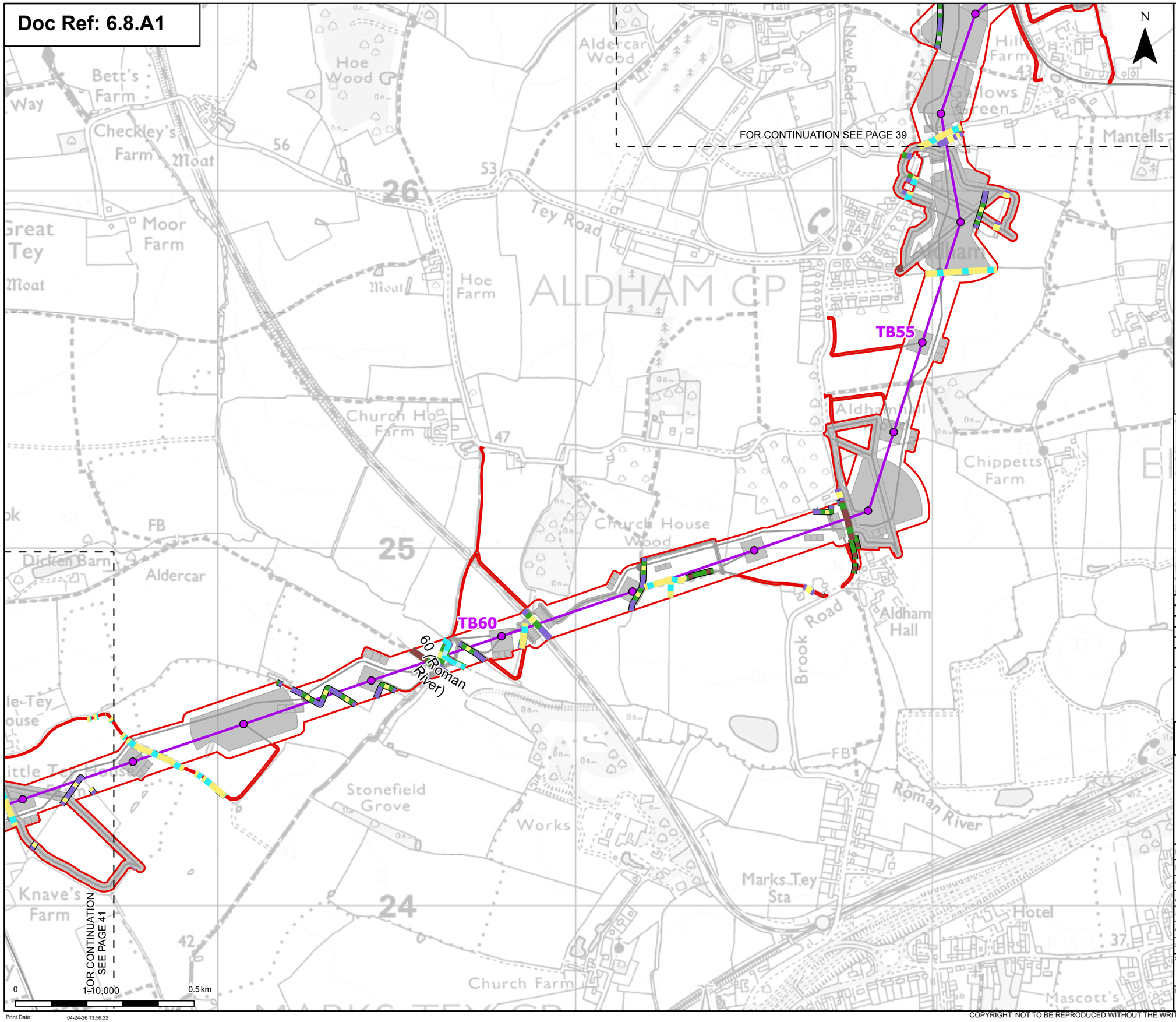

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section D
Page 40 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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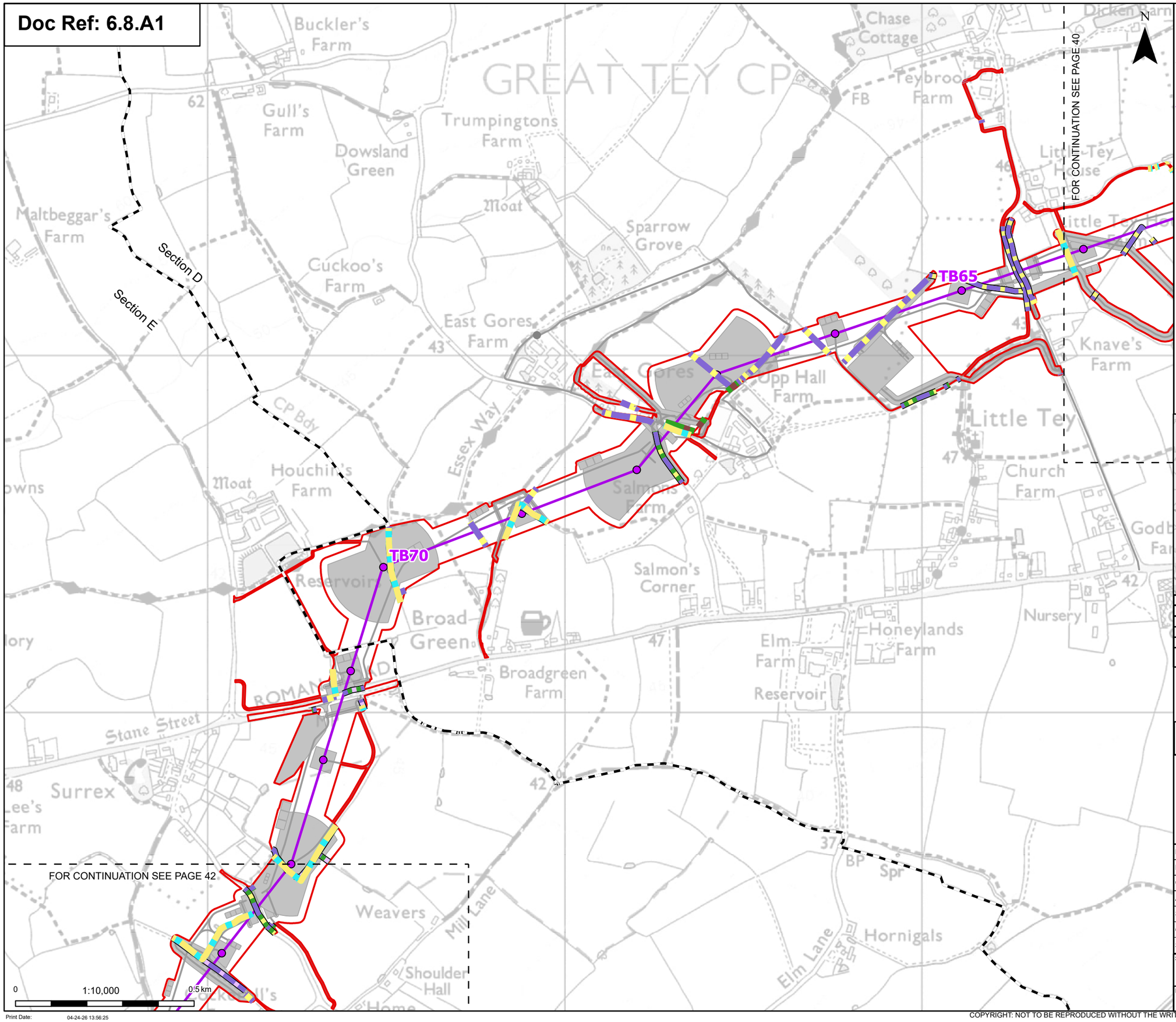

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Proposed project design details

- Order limits
- Sheet index cutline
- Project section line
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Ditch

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)&(l)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections D and E
Page 41 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:56:25

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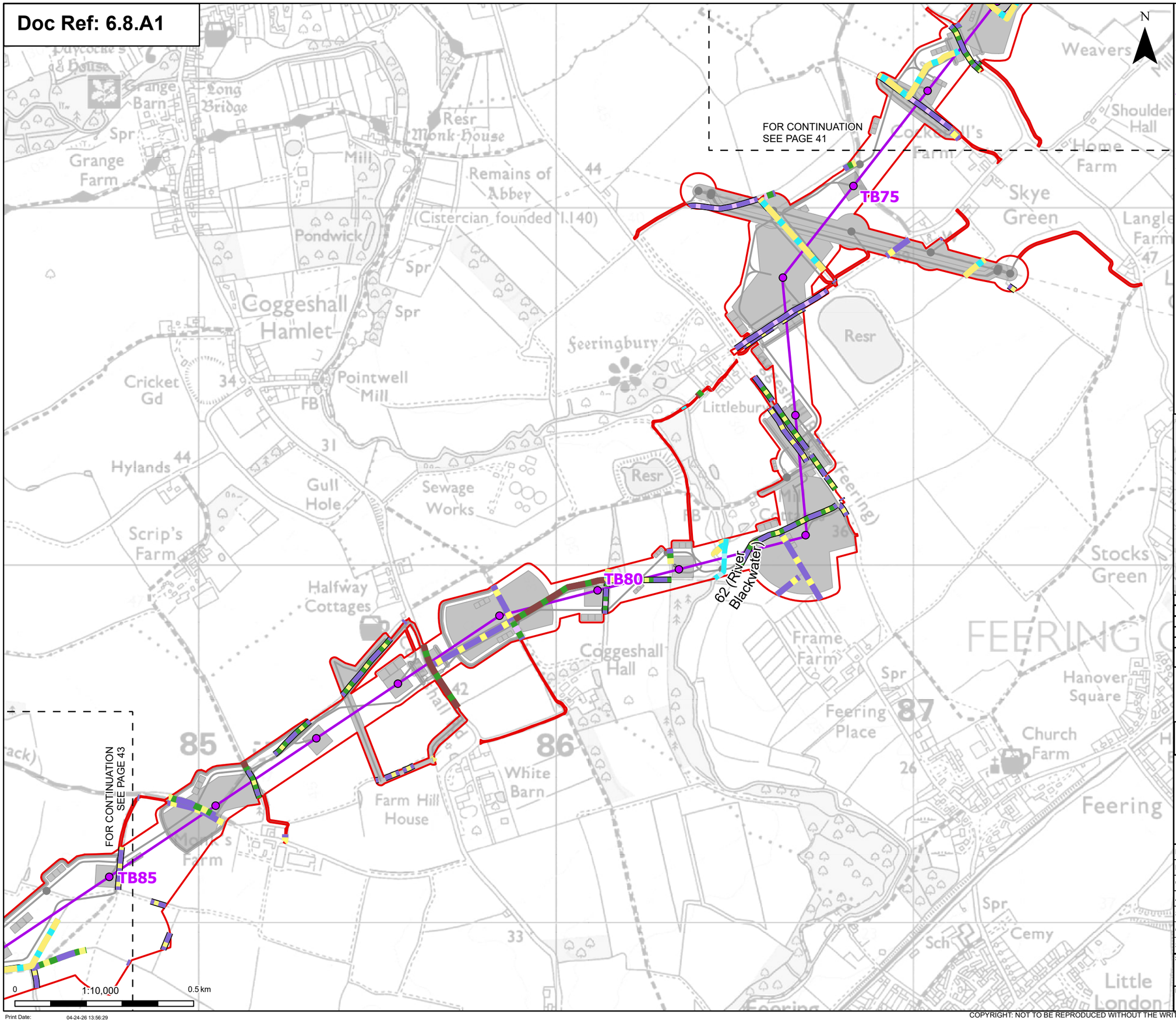

- Order limits
- Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

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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nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Section E

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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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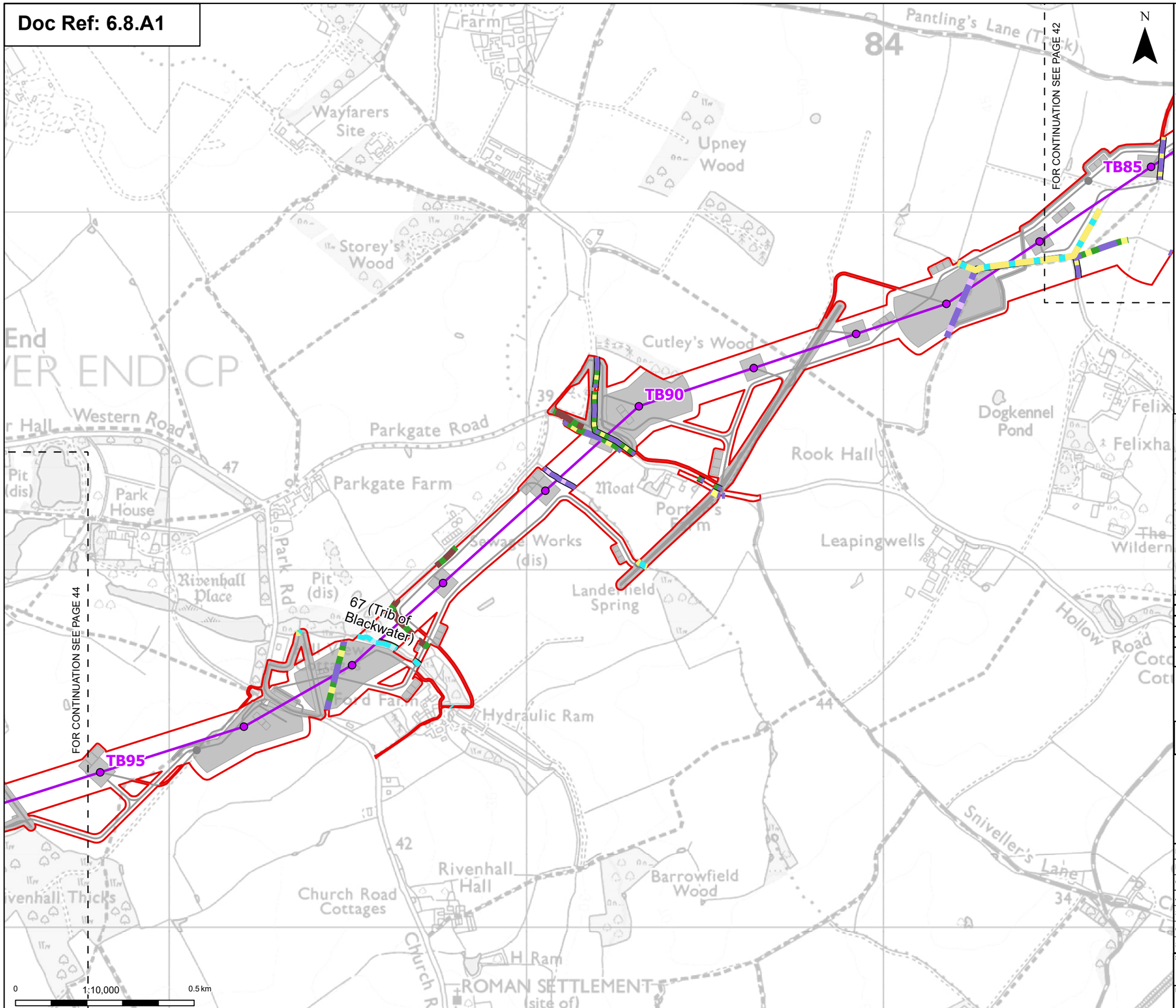

Print Date: 04-24-26 13:56:32

- 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

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section E
Page 43 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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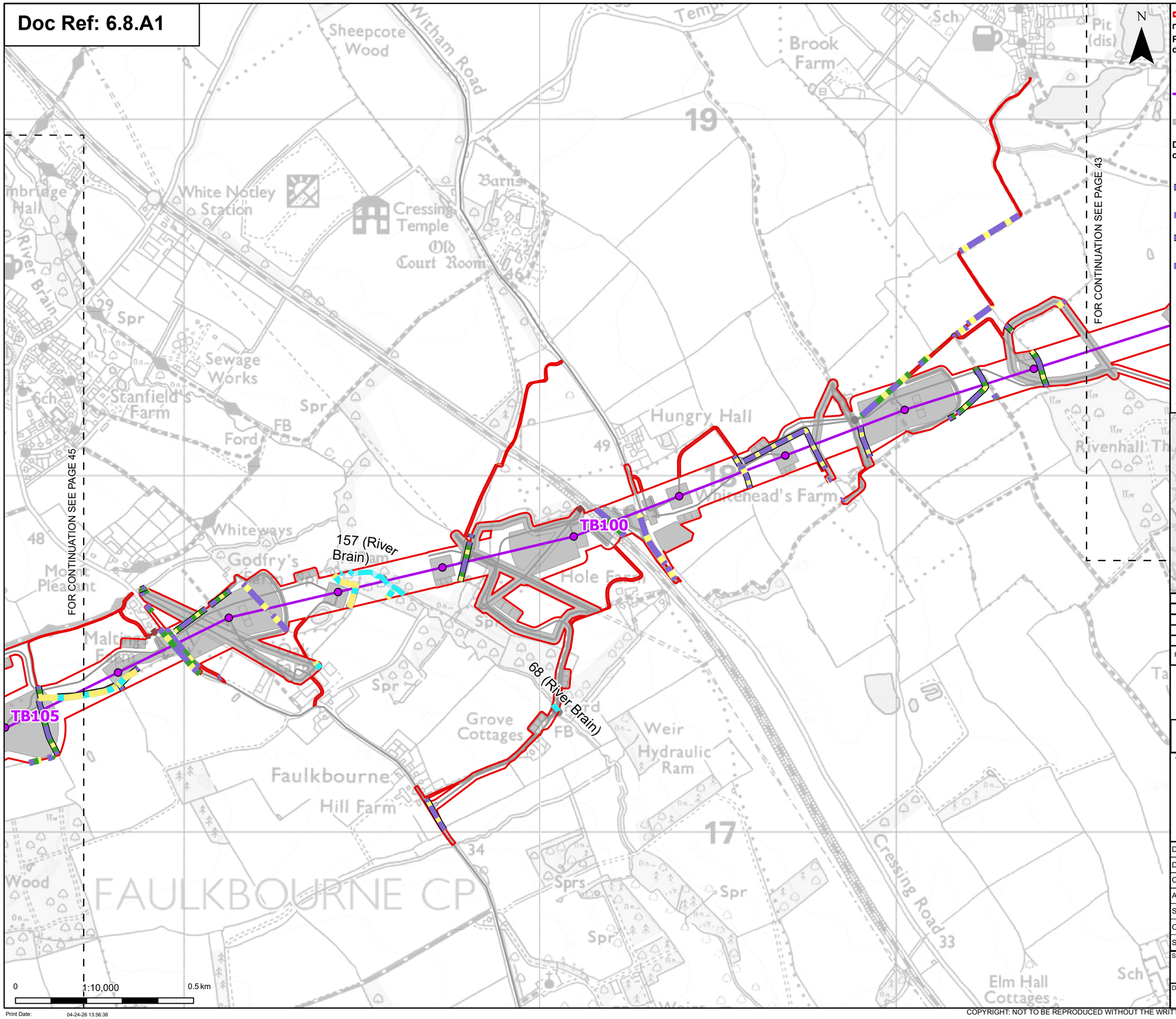

- Order limits
- Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section E
Page 44 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
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Fairstead (Tilbury Side) CSE compound

Fairstead (EACN Side) CSE compound

TB115

TB110

TB105

71 (Trib of Ter)

FOR CONTINUATION SEE PAGE 44

FOR CONTINUATION SEE PAGE 46

0 1:10,000 0.5 km

Print Date: 04-24-26 13:56:40

N

- Order limits
- Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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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nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section E
Page 45 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

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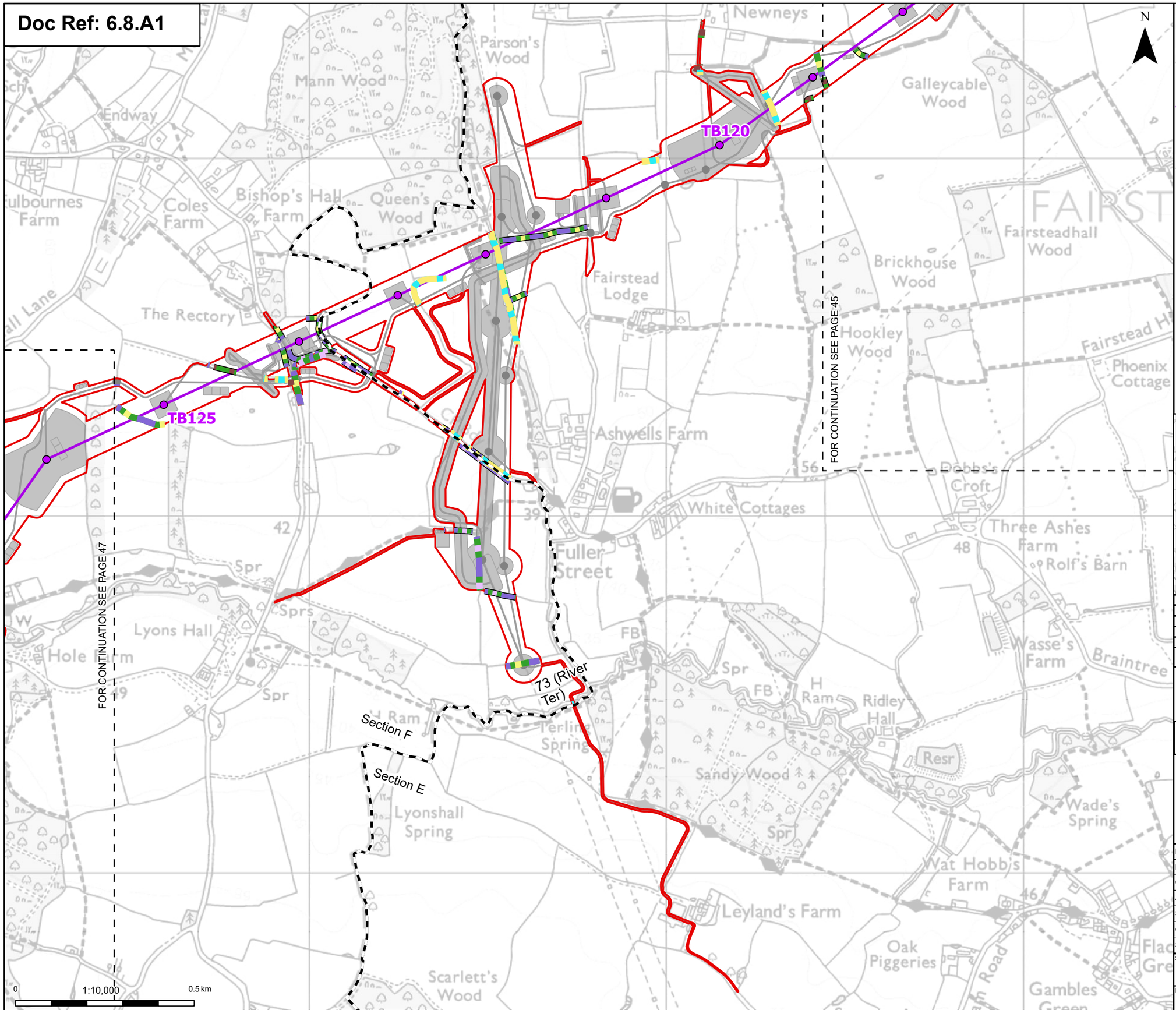

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

Species-rich native hedgerow with trees - associated with bank or ditch
Native hedgerow
Native hedgerow - associated with bank or ditch
Native hedgerow with trees
Native hedgerow with trees - associated with bank or ditch
Species-rich native hedgerow - associated with bank or ditch
Species-rich native hedgerow with trees
Ecologically valuable line of trees - associated with bank or ditch
Line of trees
Ditch
Priority habitat

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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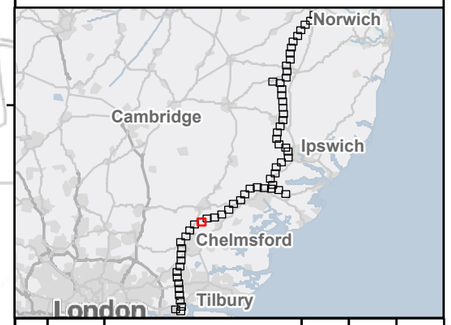

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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Sections E and F
Page 46 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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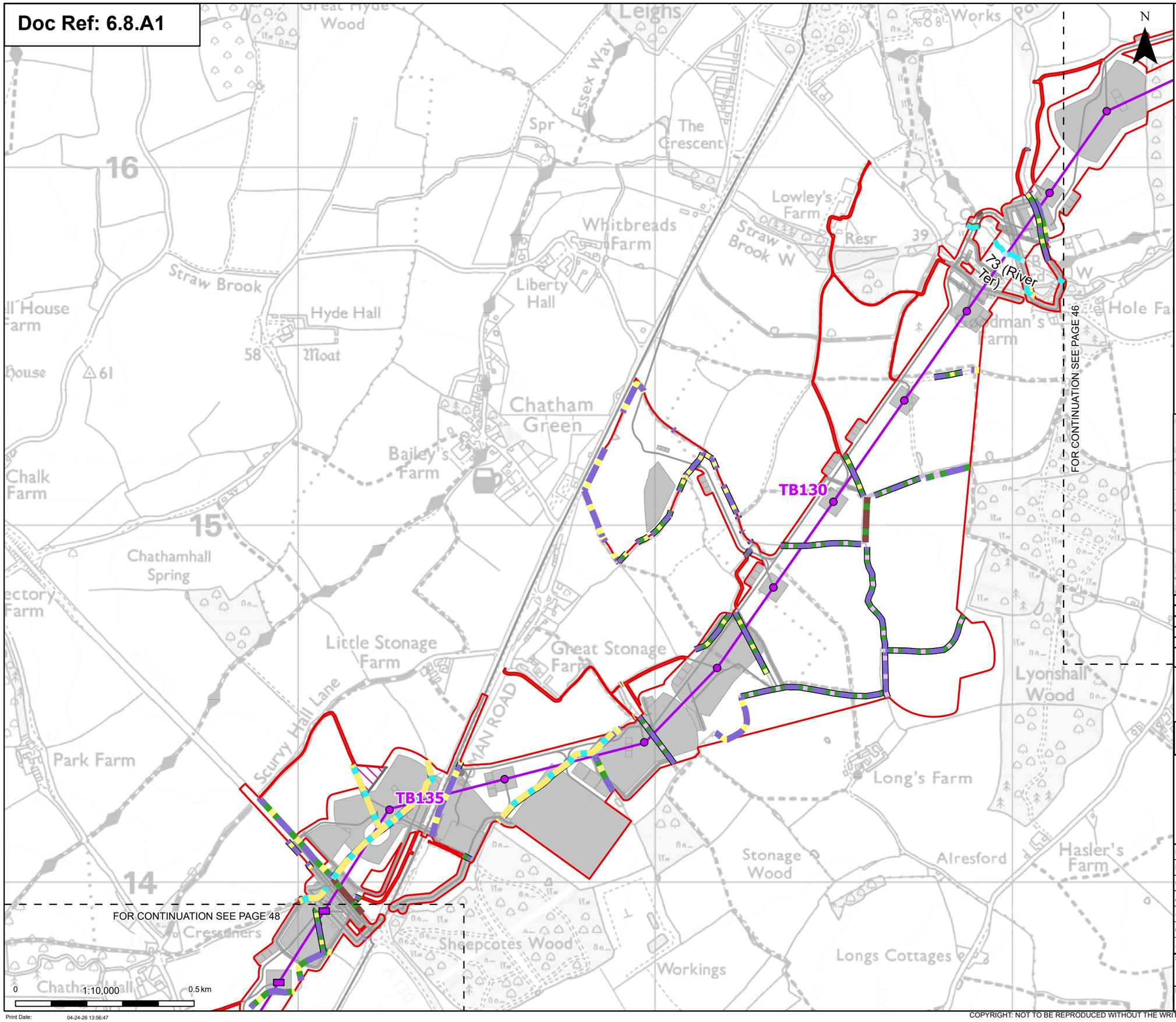

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees
- Ditch
- Priority habitat

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

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section F
Page 47 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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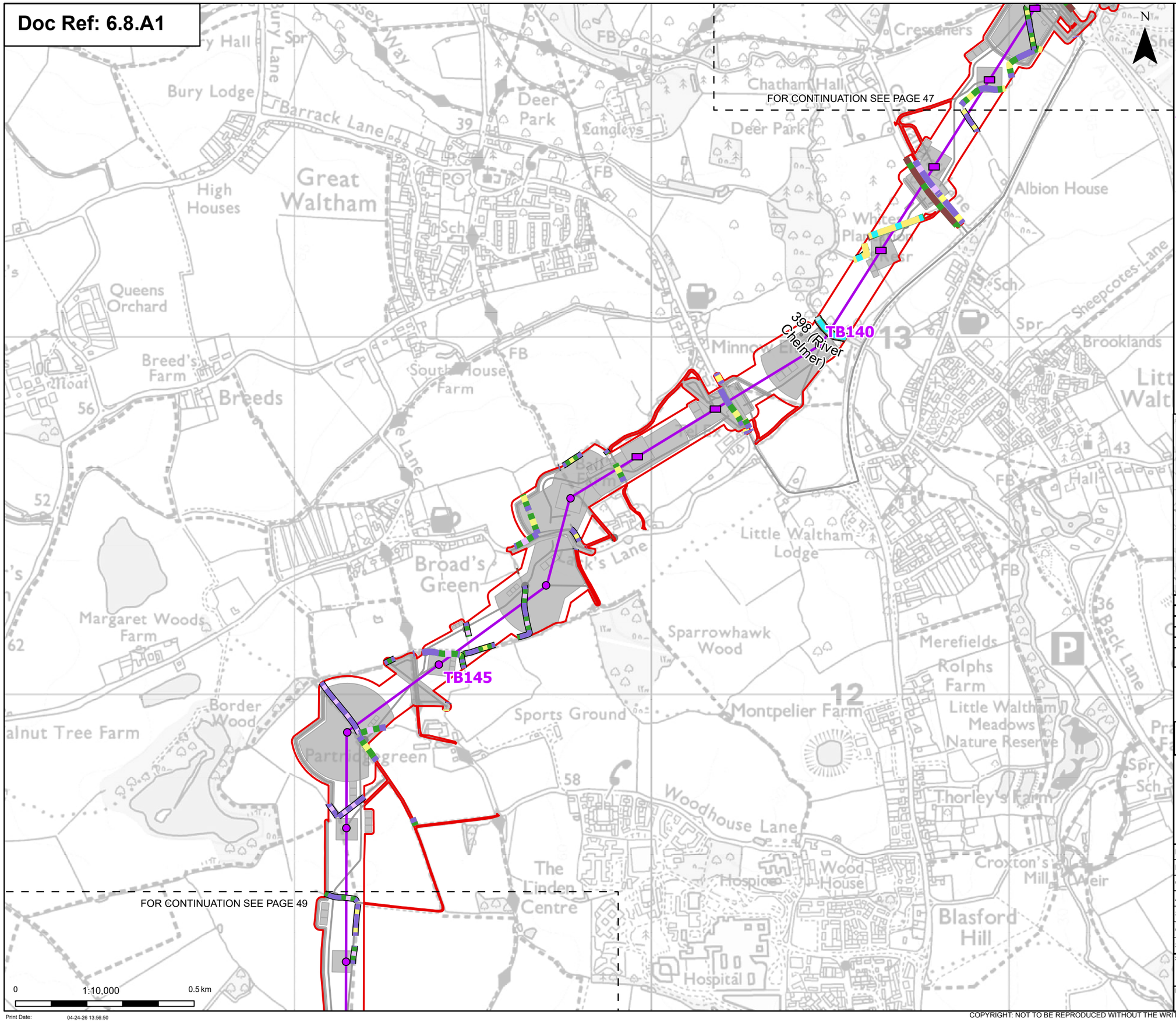

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section F
Page 48 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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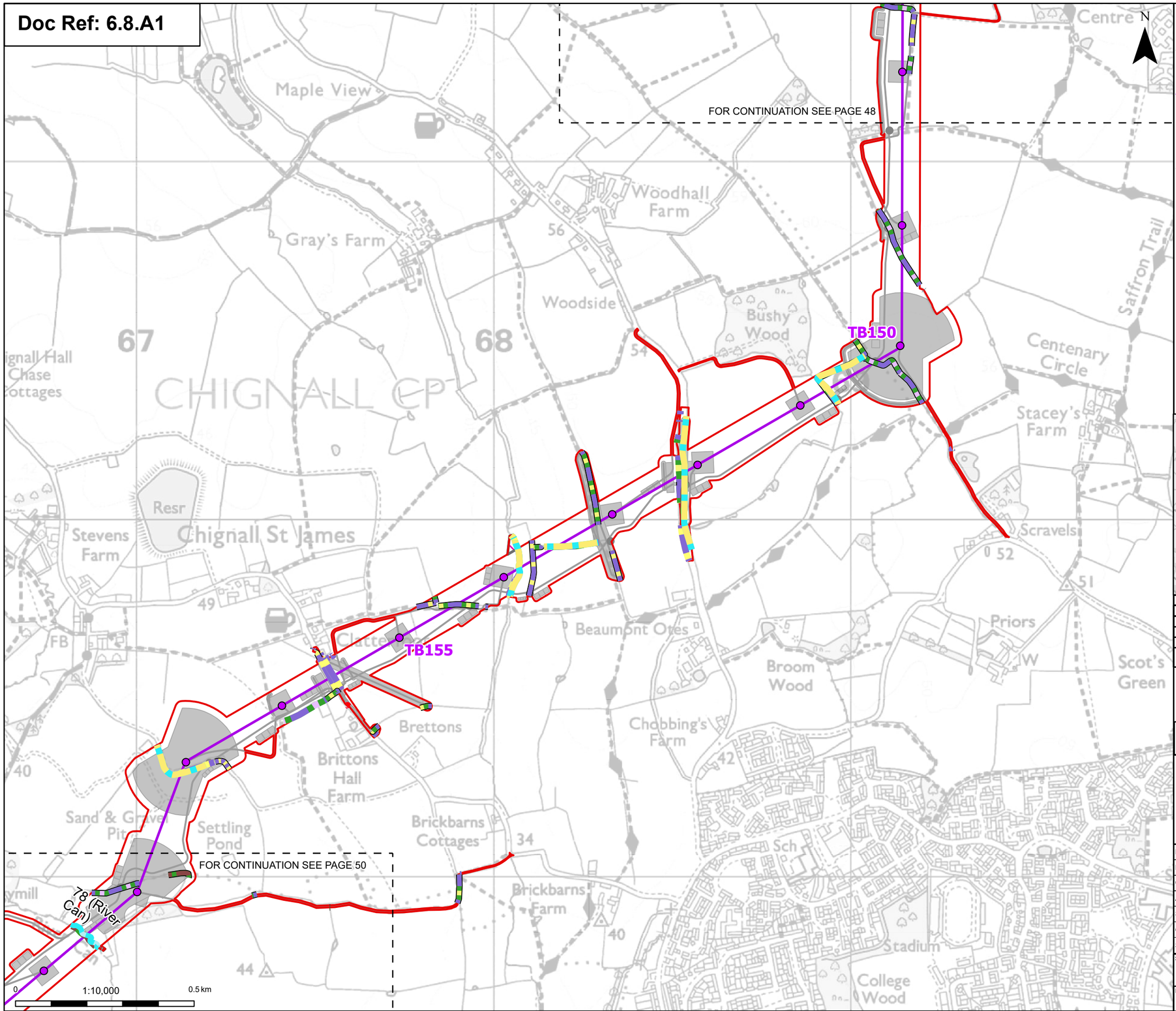

Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section F
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:56:54

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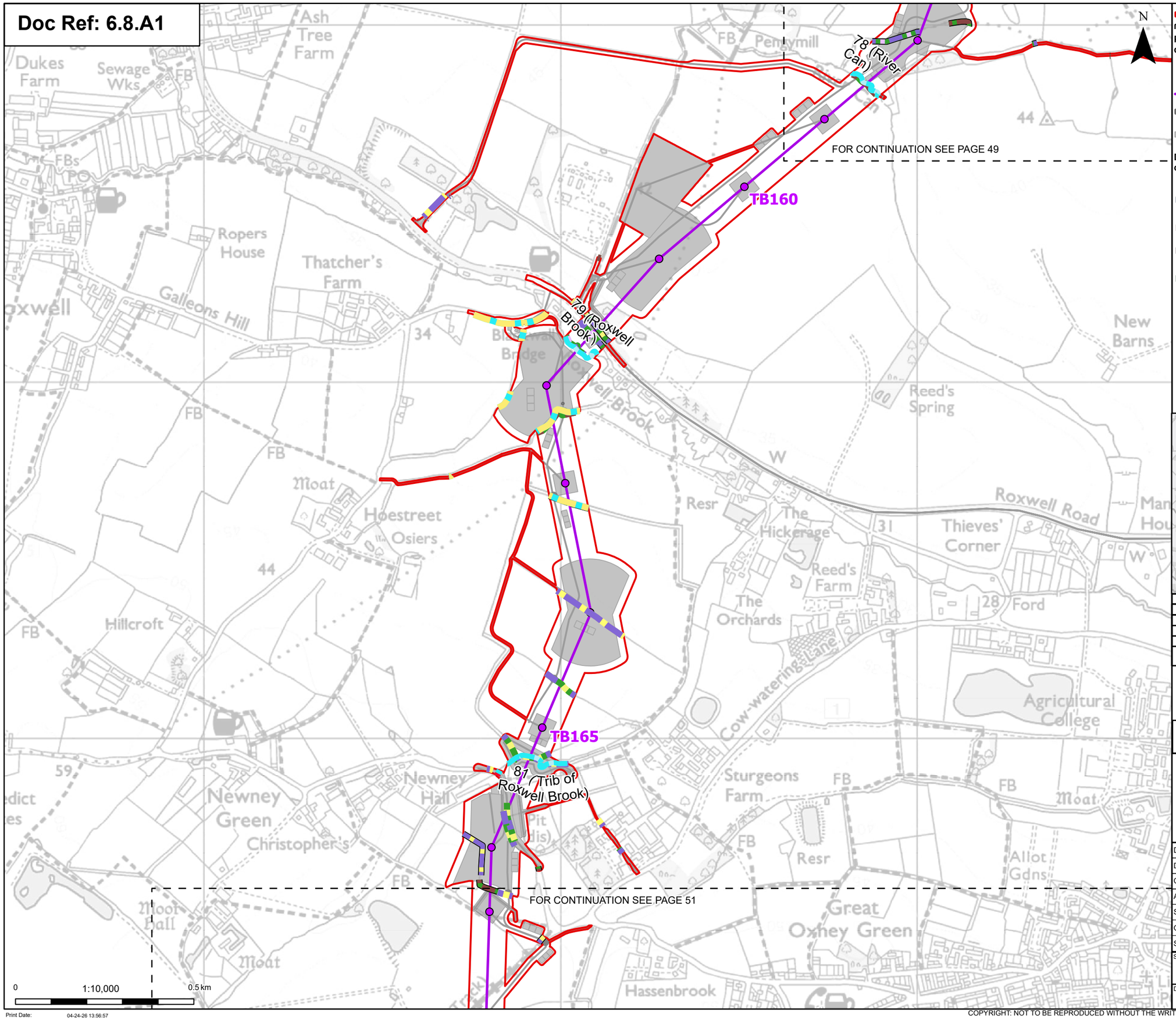
Doc Ref: 6.8.A1



Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees - associated with bank or ditch
- Line of trees
- Culvert
- Ditch
- Priority habitat

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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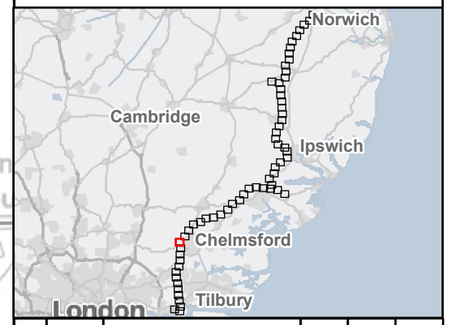

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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section F
Page 50 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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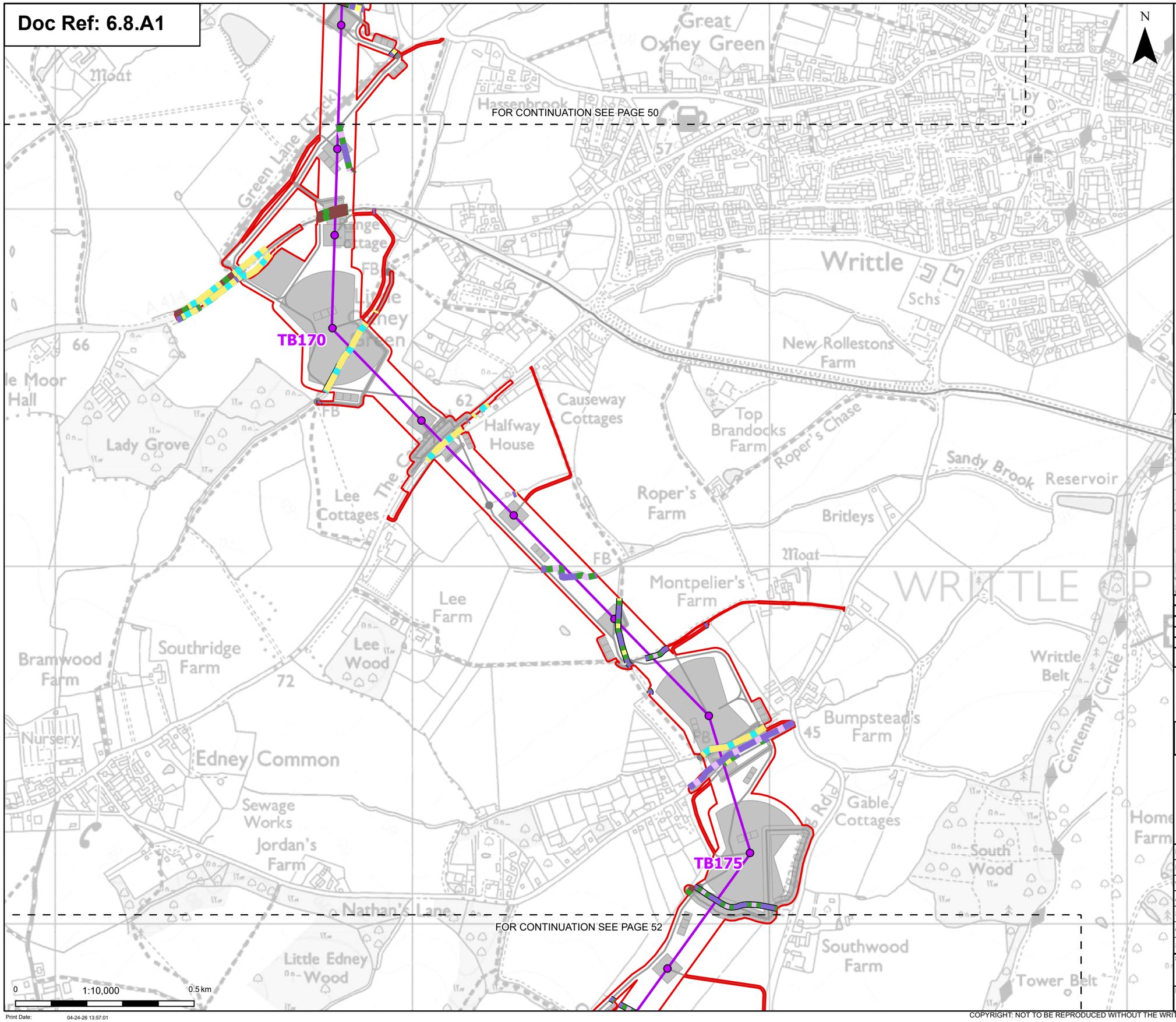

- Order limits
- Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Ecologically valuable line of trees
- Line of trees
- Ditch

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section F
Page 51 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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FOR CONTINUATION SEE PAGE 53

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89 (Trib of Wid)

Section F

Section G

N

0 1:10,000 0.5 km

Print Date: 04-24-26 13:57:04

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
- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Line of trees
- Ditch
- Priority habitat

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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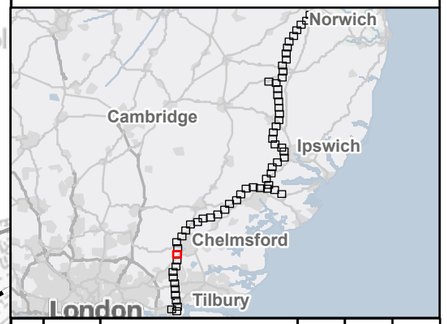

Rev	Date	Description	Drawn	Check	Approv
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A	Aug 2025	FOR DCO APPLICATION	SS	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections F and G
Page 52 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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FOR CONTINUATION SEE PAGE 52

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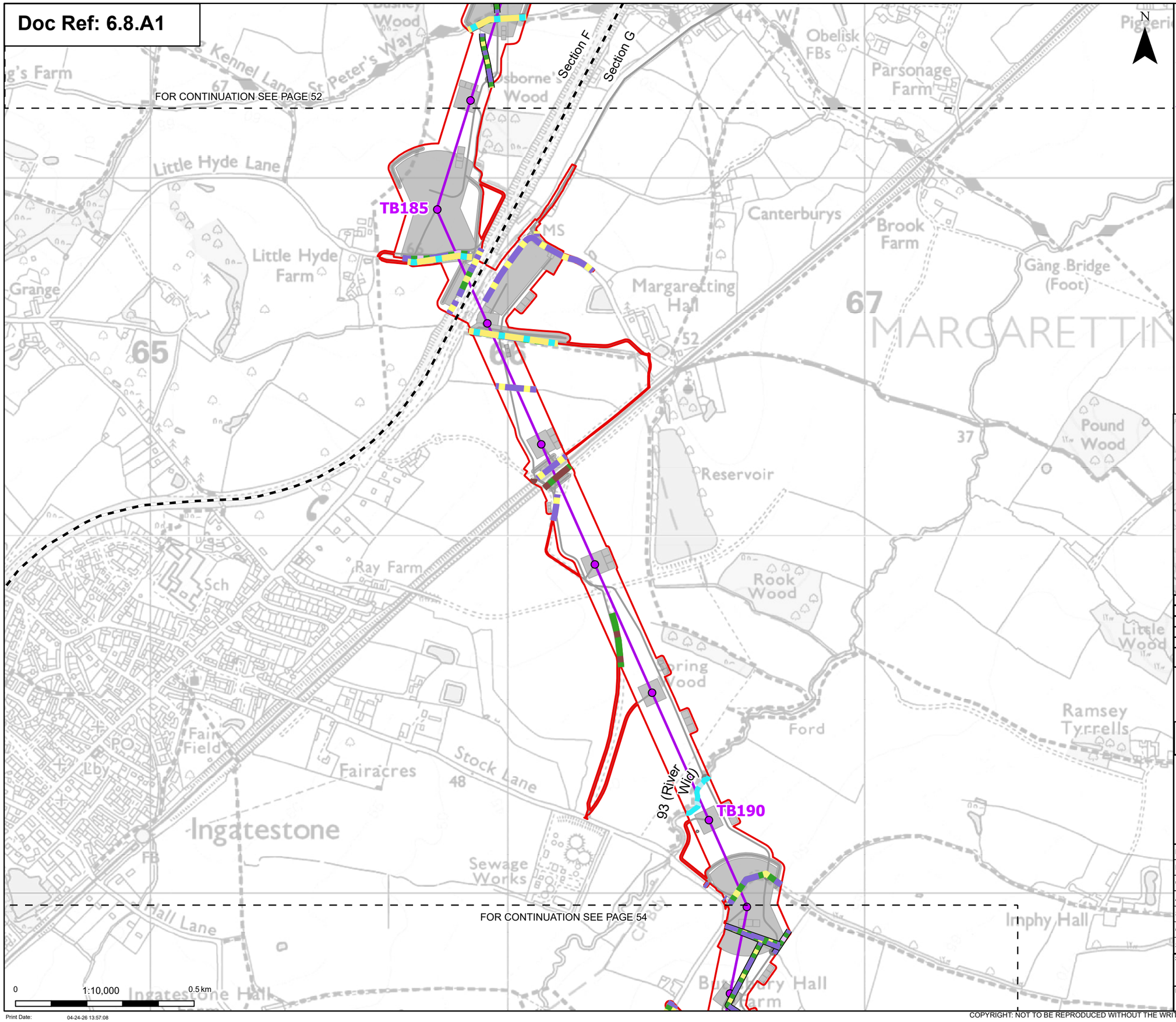

Order limits
Sheet index cutline
Project section line

Proposed project design details

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

Discipline specific constraints

Species-rich native hedgerow with trees - associated with bank or ditch
Native hedgerow
Native hedgerow with trees
Native hedgerow with trees - associated with bank or ditch
Species-rich native hedgerow with trees
Ecologically valuable line of trees
Line of trees
Ditch
Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Sections F and G
Page 53 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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FOR CONTINUATION SEE PAGE 55

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TB200

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95 (River Wid)

N

0 1:10,000 0.5 km

Print Date: 04-24-26 13:57:11

- 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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Species-rich native hedgerow with trees
- Ecologically valuable line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section G
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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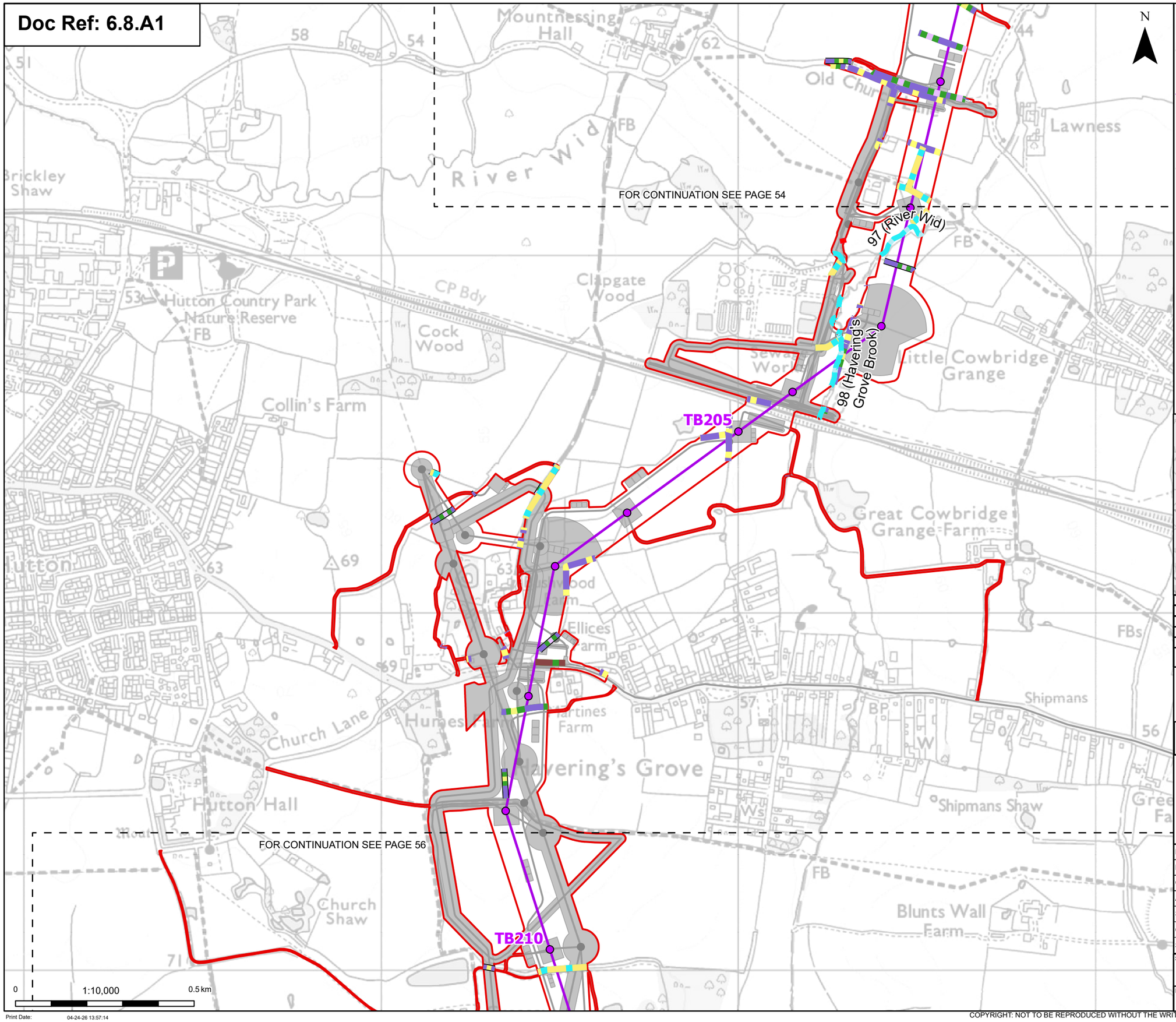

N

- Order limits
- Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section G
Page 55 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

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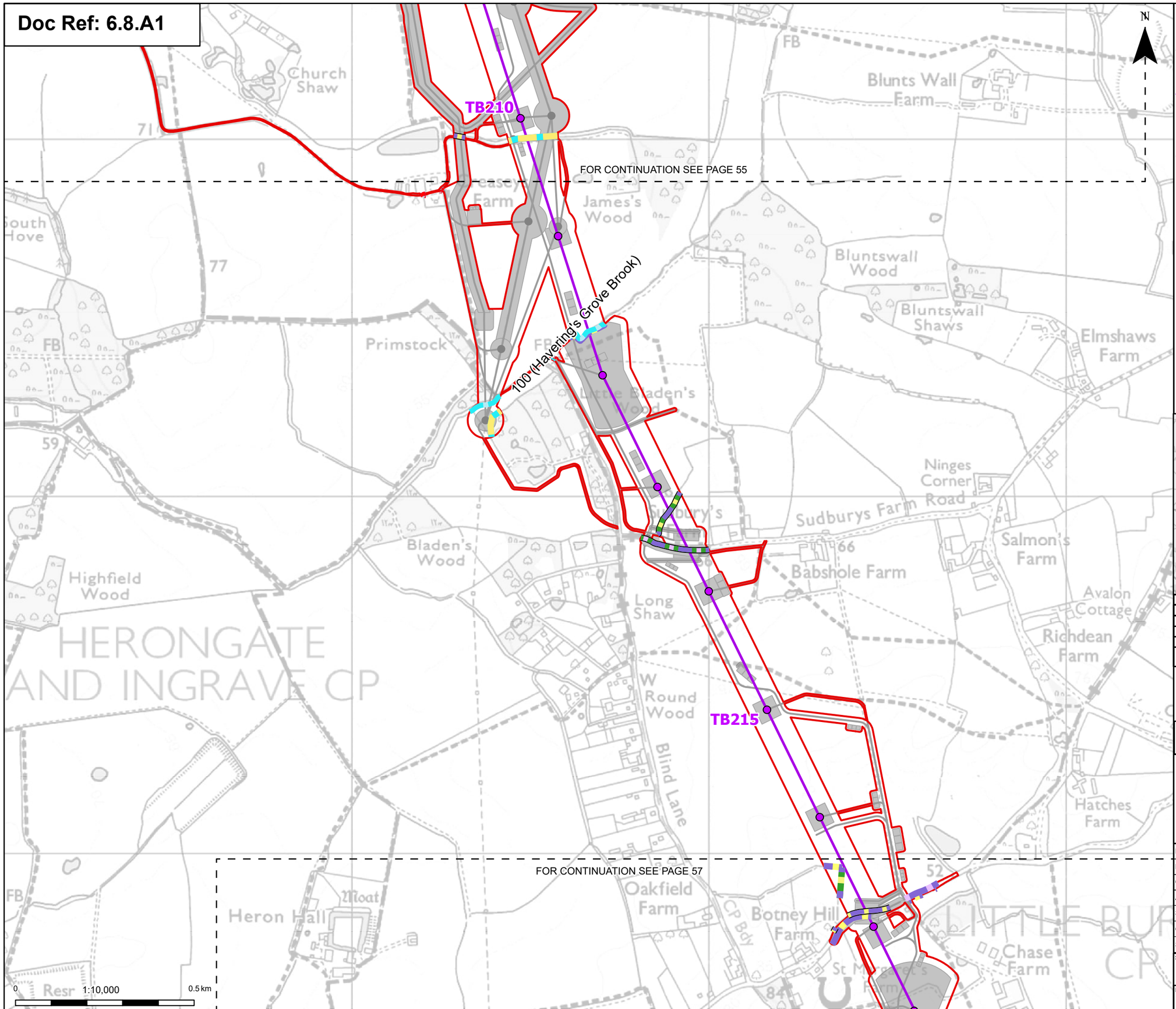

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow
- Ditch
- Priority habitat

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: EN020027
Regulation 5(2)(a)&(l)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section G
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00410
Revision: C

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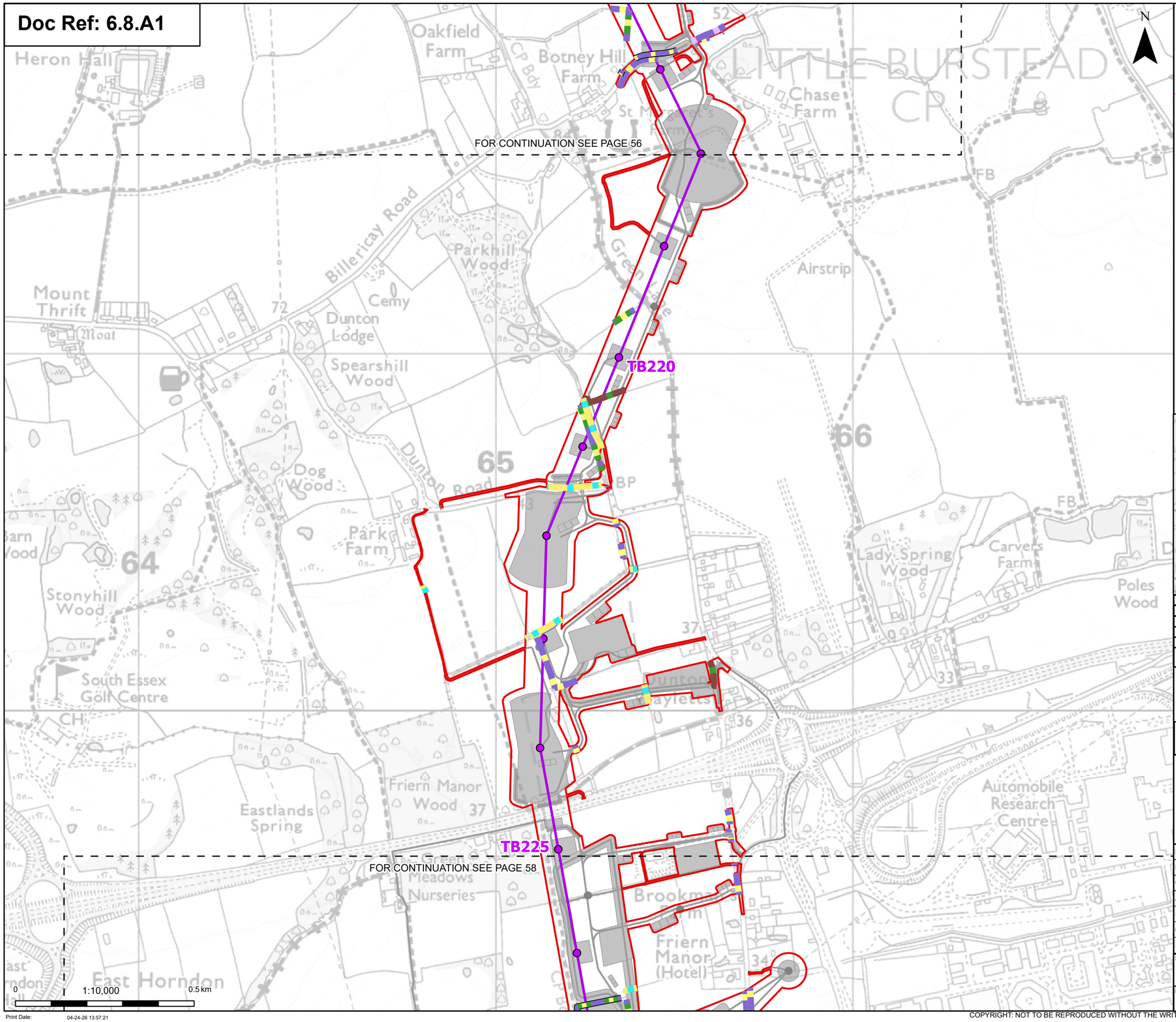

Order limits
Sheet index cutline

Proposed project design details

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

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow
- Line of trees
- Ditch

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	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section G
Page 57 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

Print Date: 04-24-26 13:57:21

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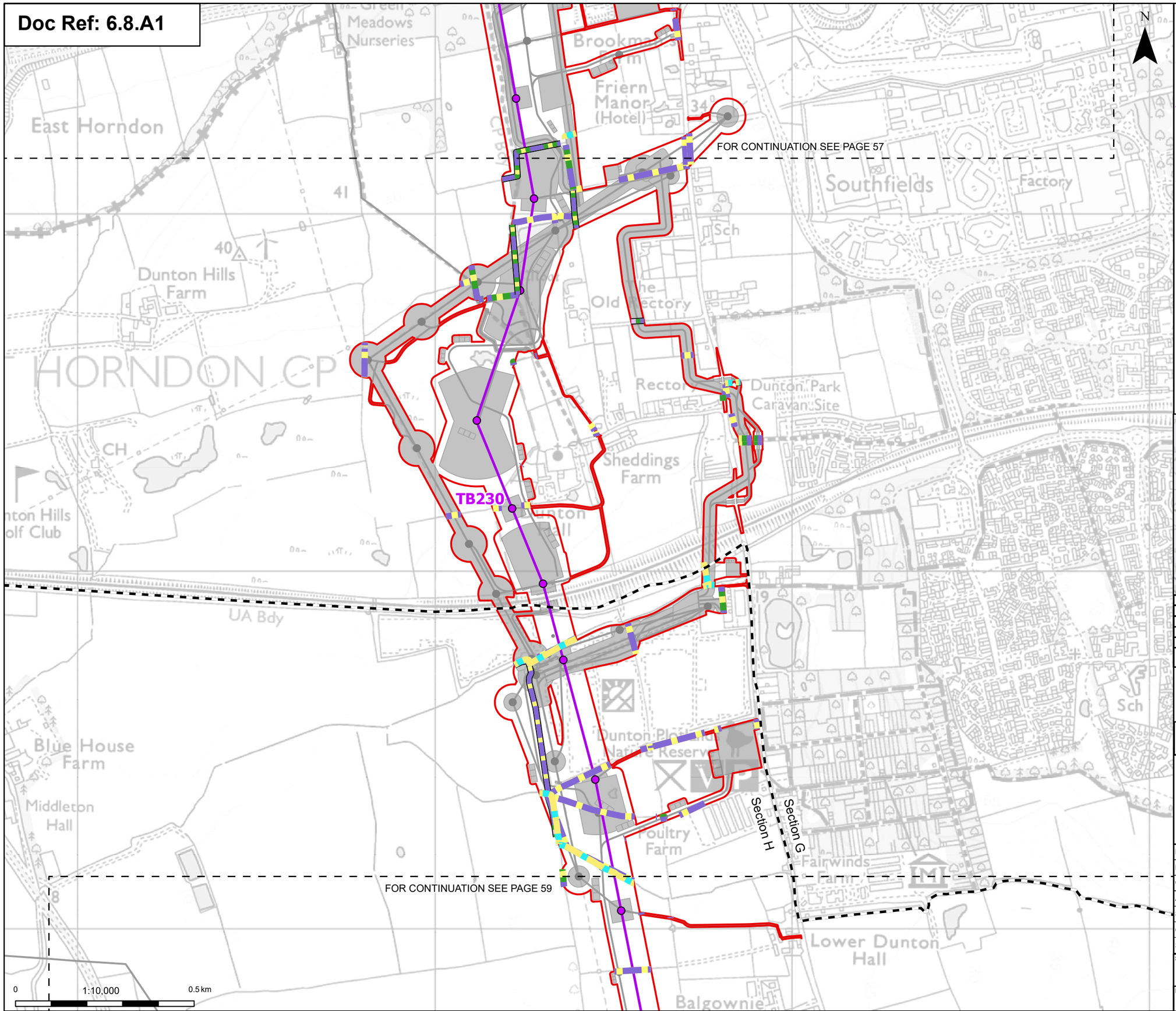

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- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow - associated with bank or ditch
- Species-rich native hedgerow with trees
- Ditch

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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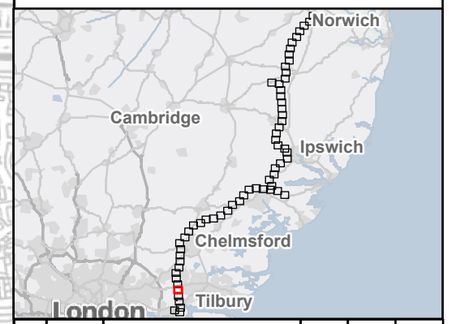

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections G and H
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

Print Date: 04-24-26 13:57:24

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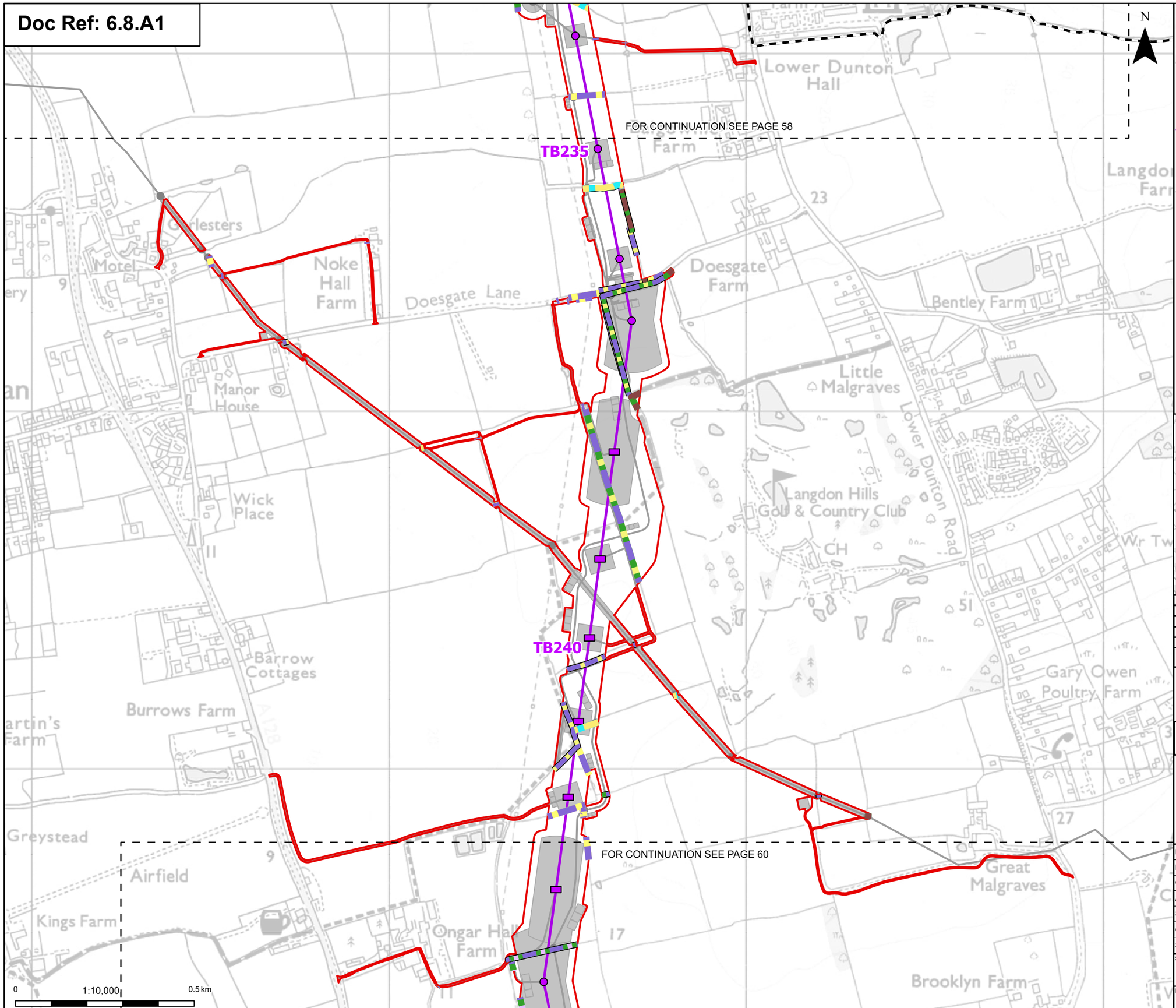

- Order limits
- Sheet index cutline
- Project section line

Proposed project design details

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

Discipline specific constraints

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Species-rich native hedgerow with trees
- Line of trees - associated with bank or ditch
- Line of trees
- Ditch

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results Sections G and H
Page 59 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

Revision: C

Print Date: 04-24-26 13:57:28

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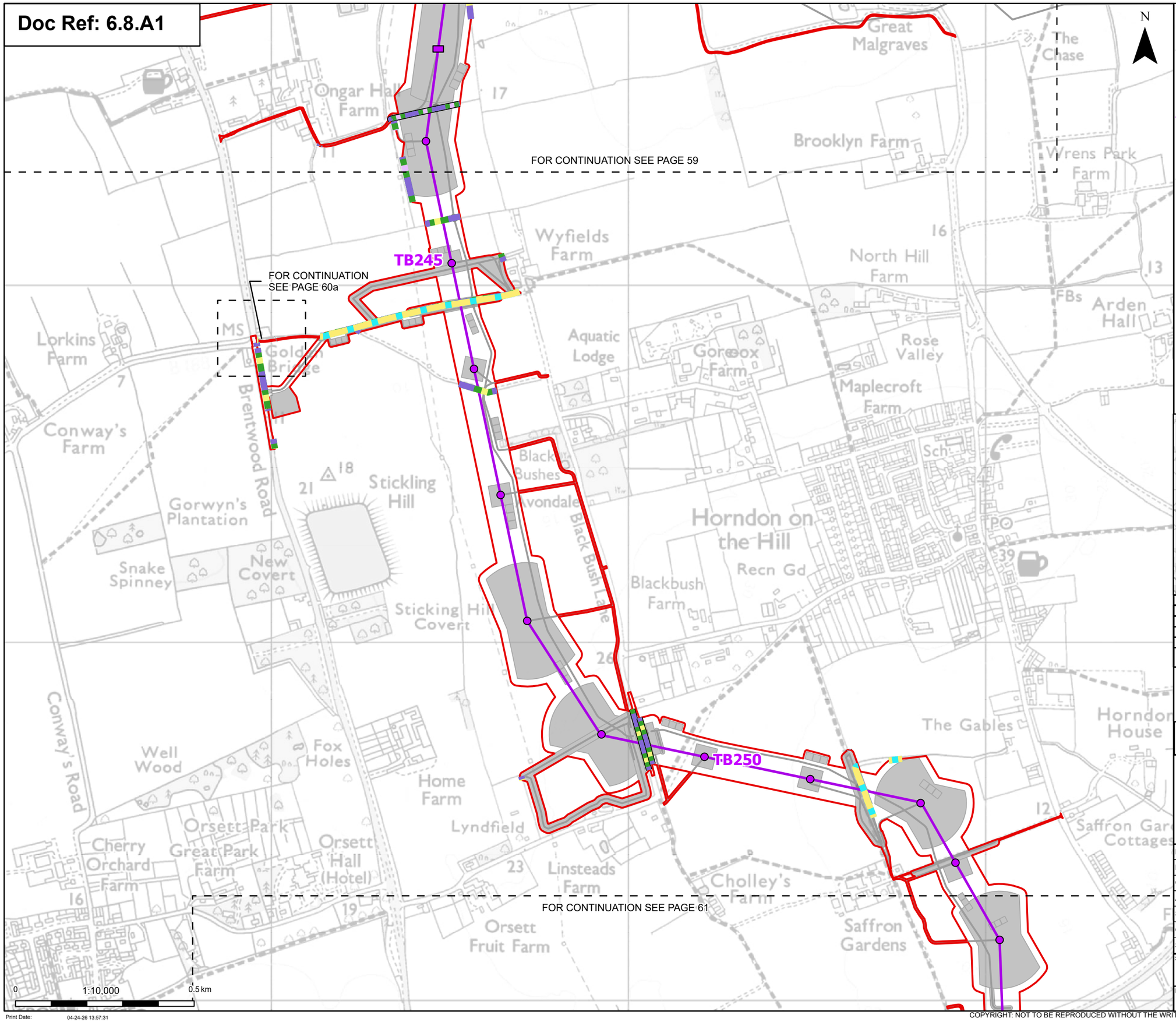

Order limits
Sheet index cutline

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

- Species-rich native hedgerow with trees - associated with bank or ditch
- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Native hedgerow with trees - associated with bank or ditch
- Non-native and ornamental hedgerow
- Species-rich native hedgerow with trees
- Ditch

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)

Title:
Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section H
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:57:31

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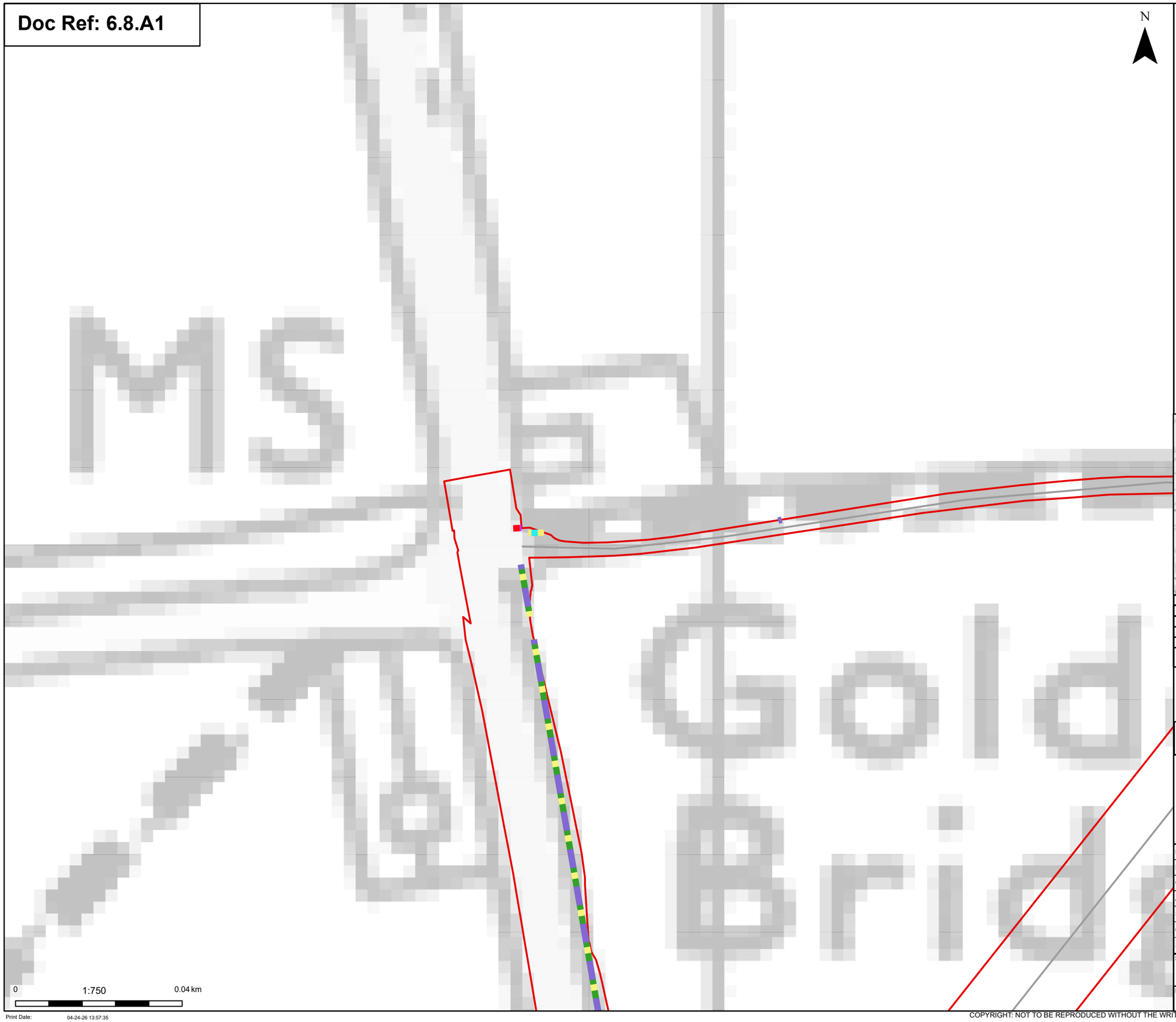

Order limits

Sheet index cutline

Discipline specific constraints

Native hedgerow with trees

Non-native and ornamental hedgerow

Ditch

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: EN020027
Regulation 5(2)(a)&(I)(ii)

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section H
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 26
Scale:	1:750	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-00410

Revision: C

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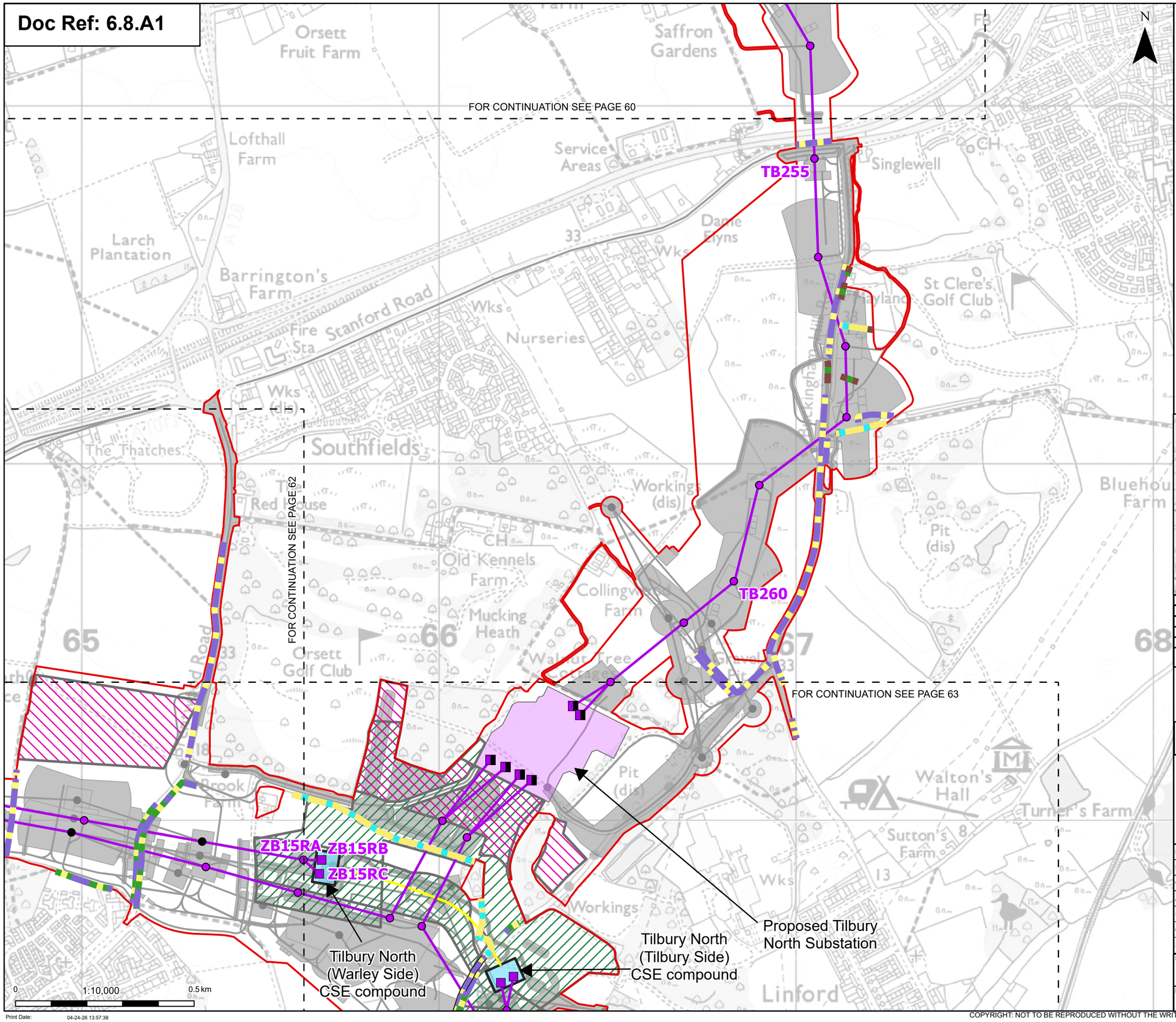

Order limits
Sheet index cutline

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 compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Line of trees
- Ditch

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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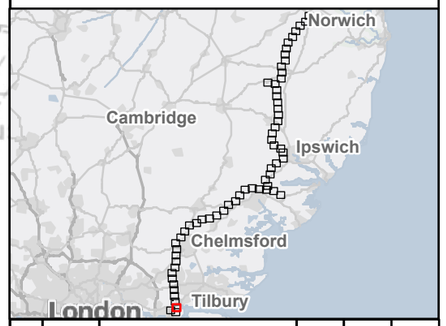

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section H
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:57:38

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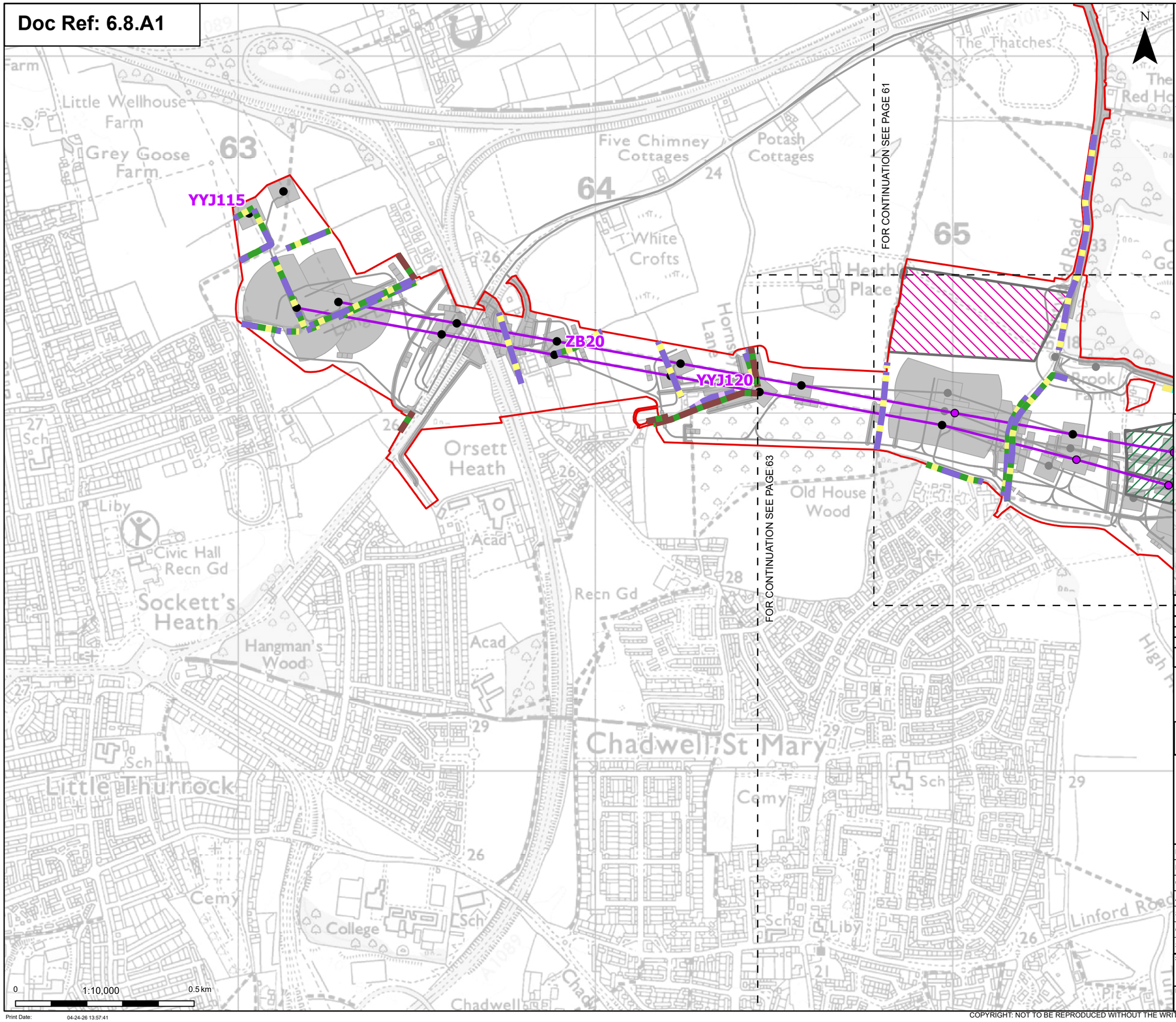

- Order limits
- Sheet index cutline

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

- Native hedgerow
- Native hedgerow with trees
- Species-rich native hedgerow
- Line of trees
- Ditch

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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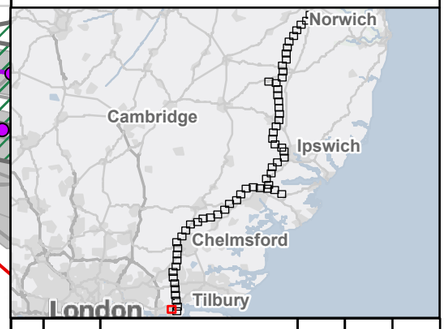

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section H
Page 62 of 63

Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410

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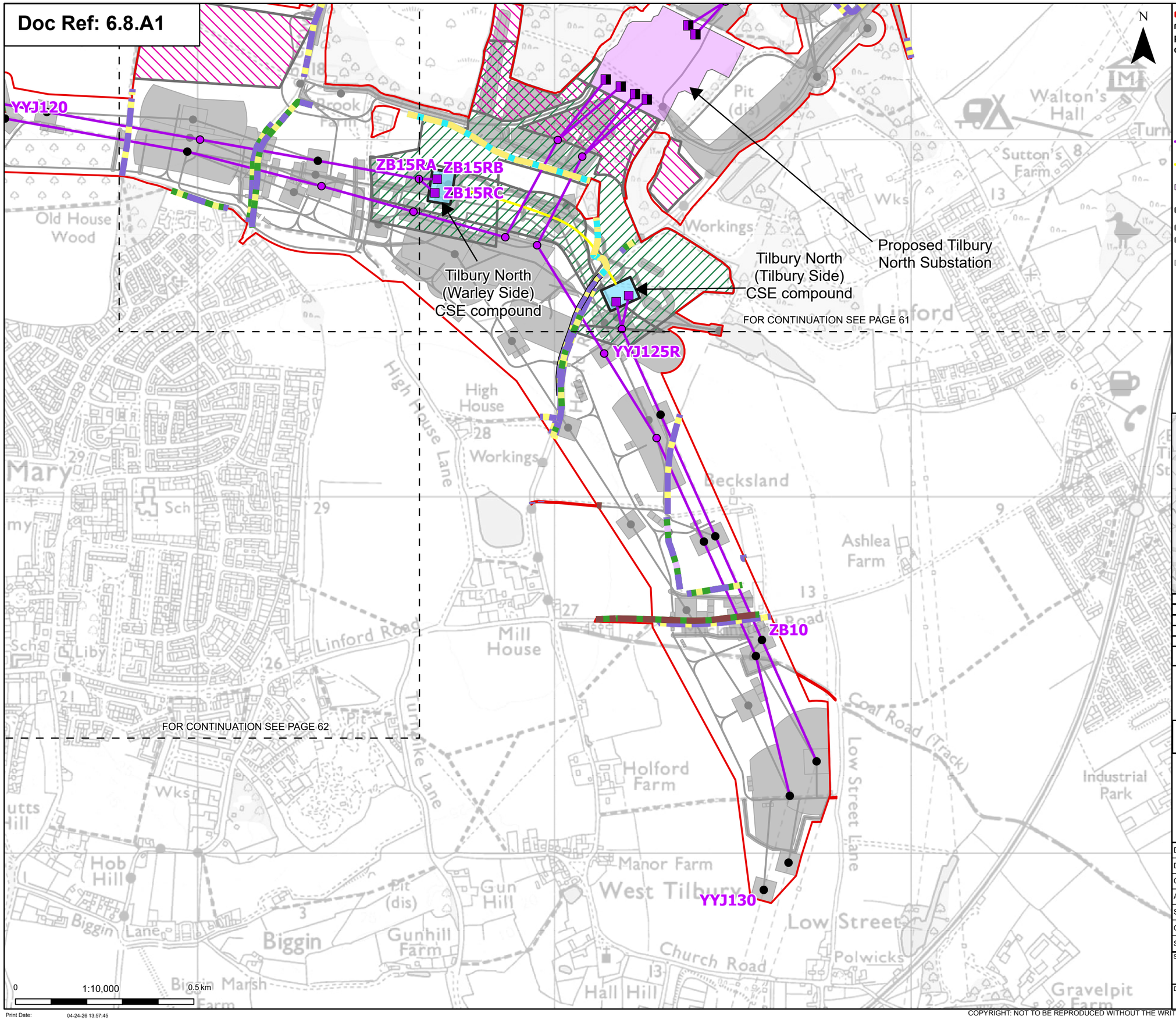

Order limits
Sheet index cutline

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 compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Native hedgerow
- Native hedgerow - associated with bank or ditch
- Native hedgerow with trees
- Species-rich native hedgerow with trees
- Line of trees
- Ditch

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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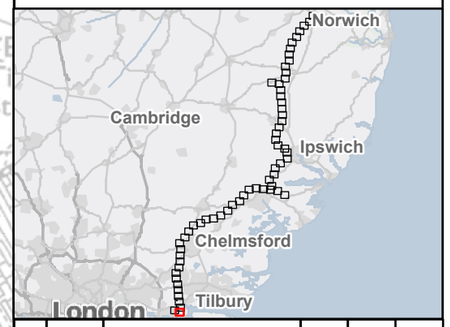

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.1.7 - Ecology and Biodiversity - Linear Habitat Survey Results
Section H
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Designed	A. Pinkney	Date	May 26
Drawn	N.Banu	Date	May 26
Checked	A. Fell	Date	May 26
Approved	K. Burrows	Date	May 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-00410
Revision: C

Print Date: 04-24-26 13:57:45

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Annex B.
Desk Study Records for Protected/Notable and Invasive Plant Species

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Annex B: Desk Study Records for Protected/Notable and Invasive Plant Species

Table A8.1.13 Desk study records for protected/notable and invasive plant species

Common Name	Taxon Name	Designated Status
Fungi		
Sandy Stilt Puffball	*Battarrea phalloides*	Section 41 WCA Schedule 8
Protected/Notable Plants		
Annual Beard-grass	*Polypogon monspeliensis*	Nationally Scarce
Autumn Squill	*Scilla autumnalis*	Nationally Scarce
Black Poplar	*Populus nigra subsp. betulifolia*	Essex Bap
Bloody Cranes's-bill	*Geranium sanguineum*	England Red Listed: Near Threatened
Bluebell	*Hyacinthoides non-scripta*	WCA Schedule 8 (sale only) England Red Listed: Least Concern
Carline Thistle	*Carlina vulgaris*	England Red Listed: Near Threatened
Chicory	*Cichorium intybus*	England Red Listed: Vulnerable
Chives	*Allium schoenoprasum*	Nationally Scarce
Clustered Clover	*Trifolium glomeratum*	Nationally Scarce
Common Cow-wheat	*Melampyrum pratense*	England Red Listed: Near Threatened
Common Cudweed	*Filago vulgaris*	England Red Listed: Near Threatened
Common Eyebright	*Euphrasia nemorosa*	England Red Listed: Near Threatened
Common Rock-rose	*Helianthemum nummularium*	England Red Listed: Near Threatened
Common Sea-lavender	*Limonium vulgare*	England Red Listed: Near Threatened
Common Valerian	*Valeriana officinalis*	England Red Listed: Near Threatened
Corn Marigold	*Glebionis segetum*	England Red Listed: Vulnerable
Corn Mint	*Mentha arvensis*	England Red Listed: Near Threatened
Corn Spurrey	*Spergula arvensis*	England Red Listed: Vulnerable
Cornflower	*Centaurea cyanus*	Section 41
Cross-leaved Heath	*Erica tetralix*	England Red Listed: Near Threatened
Crosswort	*Cruciata laevipes*	

Common Name	Taxon Name	Designated Status
Curved Hard-grass	*Parapholis incurva*	Nationally Scarce
Devil's-bit Scabious	*Succisa pratensis*	England Red Listed: Near Threatened
Dittander	*Lepidium latifolium*	Nationally Scarce
Dwarf Spurge	*Euphorbia exigua*	England Red Listed: Vulnerable
Dyer's Greenweed	*Genista tinctoria*	England Red Listed: Vulnerable
Early Meadow-grass	*Poa infirma*	Nationally Scarce
Elecampane	*Inula helenium*	England Red Listed: Near Threatened
Field Gromwell	*Lithospermum arvense*	England Red Listed: Endangered
Field Pepperwort	*Lepidium campestre*	England Red Listed: Near Threatened
Field Scabious	*Knautia arvensis*	England Red Listed: Near Threatened
Four-leaved Allseed	*Polycarpon tetraphyllum*	Nationally Rare
Frogbit	*Hydrocharis morsus-ranae*	England Red Listed: Vulnerable
Goldenrod	*Solidago virgaurea*	England Red Listed: Near Threatened
Golden-samphire	*Inula crithmoides*	Nationally Scarce
Green-winged Orchid	*Anacamptis morio*	England Red Listed: Vulnerable
Harebell	*Campanula rotundifolia*	England Red Listed: Near Threatened
Heath Dog-violet	*Viola canina*	England Red Listed: Vulnerable
Heath Speedwell	*Veronica officinalis*	England Red Listed: Near Threatened
Heather	*Calluna vulgaris*	England Red Listed: Near Threatened
Hoary Plantain	*Plantago media*	England Red Listed: Near Threatened
Hound's-tongue	*Cynoglossum officinale*	England Red Listed: Near Threatened
Jersey Cudweed	*Gnaphalium luteoalbum*	WCA Schedule 8
Large Leaved Lime	*Tilia platyphyllos*	Nationally Scarce
Lesser Calamint	*Clinopodium calamintha*	Nationally Scarce
Lesser Spearwort	*Ranunculus flammula*	England Red Listed: Vulnerable
Lizard Orchid	*Himantoglossum hircinum*	Nationally Scarce WCA Schedule 8
Long-headed Clover	*Trifolium incarnatum subsp. molinerii*	Nationally Rare
Loose Silky-bent	*Apera spica-venti*	England Red Listed: Near Threatened
Marsh Pennywort	*Hydrocotyle vulgaris*	England Red Listed: Near Threatened
Marsh Speedwell	*Veronica scutellata*	England Red Listed: Near Threatened
Marsh-mallow	*Althaea officinalis*	Nationally Scarce England Red Listed: Near Threatened

Common Name	Taxon Name	Designated Status
Mat-grass	*Nardus stricta*	England Red Listed: Near Threatened
Oak-leaved Goosefoot	*Chenopodium glaucum*	Nationally Scarce England Red Listed: Vulnerable
Quaking Grass	*Briza media*	England Red Listed: Near Threatened
Ragged-Robin	*Silene flos-cuculi*	England Red Listed: Near Threatened
Rye Brome	*Bromus secalinus*	Nationally Scarce England Red Listed: Near Threatened
Saltmarsh Goosefoot	*Chenopodium chenopodioides*	Nationally Scarce
Sand Soft-brome	*Bromus hordeaceus subsp. thominei*	Nationally Scarce
Sea Barley	*Hordeum marinum*	Nationally Scarce England Red Listed: Vulnerable Section 41
Sea Clover	*Trifolium squamosum*	Nationally Scarce
Sea-buckthorn	*Hippophae rhamnoides*	Nationally Scarce
Shepherd's Cress	*Teesdalia nudicaulis*	England Red Listed: Near Threatened
Slender Bird's-foot-trefoil	*Lotus angustissimus*	Nationally Scarce England Red Listed: Near Threatened
Slender Tare	*Vicia parviflora*	Nationally Scarce England Red Listed: Vulnerable
Small Cudweed	*Filago minima*	England Red Listed: Near Threatened
Smooth Cat's-ear	*Hypochaeris glabra*	England Red Listed: Vulnerable
Spiny Restharrow	*Ononis spinosa*	England Red Listed: Near Threatened
Stiff Saltmarsh-grass	*Puccinellia rupestris*	Nationally Scarce
Stinking Chamomile	*Anthemis cotula*	England Red Listed: Vulnerable
Stinking Hellebore	*Helleborus foetidus*	Nationally Scarce
Suffocated Clover	*Trifolium suffocatum*	Nationally Scarce
Sulphur Clover	*Trifolium ochroleucon*	Nationally Scarce England Red Listed: Vulnerable
Tormentil	*Potentilla erecta*	England Red Listed: Near Threatened
Tower Mustard	*Arabis glabra*	Nationally Scarce England Red Listed: Endangered Section 41
Treacle-mustard	*Erysimum cheiranthoides*	England Red Listed: Near Threatened
Weasel's-snout	*Misopates orontium*	England Red Listed: Vulnerable
Welsh Poppy	*Meconopsis cambrica*	Nationally Scarce

Common Name	Taxon Name	Designated Status
White Horehound	*Marrubium vulgare*	Nationally Scarce
White Mullein	*Verbascum lychnitis*	Nationally Scarce
Wild Clary	*Salvia verbenaca*	England Red Listed: Near Threatened
Wild Pansy	*Viola tricolor*	England Red Listed: Near Threatened
Wild Strawberry	*Fragaria vesca*	England Red Listed: Near Threatened
Woad	*Isatis tinctoria*	Nationally Scarce
Wood-sorrel	*Oxalis acetosella*	England Red Listed: Near Threatened
Yellow Vetchling	*Lathyrus aphaca*	Nationally Scarce England Red Listed: Vulnerable
Bryophytes		
N/A	*Tortula schimperi*	Nationally Rare
Invasive Species		
Canadian Waterweed	*Elodea canadensis*	Wildlife and Countryside Act Schedule 9
Giant Knotweed	*Fallopia sachalinensis*	Wildlife and Countryside Act Schedule 9
Giant-rhubarb	*Gunnera tinctoria*	Wildlife and Countryside Act Schedule 9
Giant Hogweed	*Heracleum mantegazzianum*	Wildlife and Countryside Act Schedule 9
Japanese Knotweed	*Fallopia japonica*	Wildlife and Countryside Act Schedule 9
New Zealand Pigmyweed	*Crassula helmsii*	Wildlife and Countryside Act Schedule 9
Rhododendron	*Rhododendron ponticum*	Wildlife and Countryside Act Schedule 9
Three-cornered Garlic	*Allium triquetrum*	Wildlife and Countryside Act Schedule 9
Alexanders	*Smyrnium olusatrum*	Wildlife and Countryside Act Schedule 9
American Skunk-cabbage	*Lysichiton americanus*	Other Invasive Species
Butterfly-bush	*Buddleja davidii*	Other Invasive Species
Canadian Goldenrod	*Solidago canadensis*	Other Invasive Species
Common Cord-grass	*Spartina anglica*	Other Invasive Species
Evergreen Oak	*Quercus ilex*	Other Invasive Species
False acacia	*Robinia pseudoacacia*	Other Invasive Species
Fringed Water-lily	*Nymphoides peltata*	Other Invasive Species

Common Name	Taxon Name	Designated Status
Giant Butterbur	*Petasites japonicus*	Other Invasive Species
Goat's-rue	*Galega officinalis*	Other Invasive Species
Indian Balsam	*Impatiens glandulifera*	Other Invasive Species
Italian Alder	*Alnus cordata*	Other Invasive Species
Japanese Rose	*Rosa rugosa*	Other Invasive Species
Least Duckweed	*Lemna minuta*	Other Invasive Species
Lesser Bulrush	*Typha angustifolia*	Other Invasive Species
Nuttall's Waterweed	*Elodea nuttallii*	Other Invasive Species
Pale Galingale	*Cyperus eragrostis*	Other Invasive Species
Russian vine	*Fallopia baldschuanica*	Other Invasive Species
Spanish Bluebell	*Hyacinthoides hispanica*	Other Invasive Species
Turkey Oak	*Quercus cerris*	Other Invasive Species
Winter Heliotrope	*Petasites fragrans*	Other Invasive Species

Annex C. Groundwater Dependant Terrestrial Ecosystems (Sites of Special Scientific Interest)

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Annex C: Groundwater Dependant Terrestrial Ecosystems (Sites of Special Scientific Interest)

Table A8.1.14 Groundwater dependant terrestrial ecosystems (Sites of Special Scientific Interest)

Project Section	Site Name	GWDTE	Location in Relation to Project
A	Aslacton Parish Land	Wet marsh grassland and fen grassland	3 km downstream of the Project where the River Tas (which feeds the site) is crossed by overhead line and haul road.
A	Forncett Meadows	Marshy grassland	4 km downstream of the Project where the River Tas (which feeds the site) is crossed by overhead line and haul road.
A	Flordon Common also part of the Norfolk Valley Fens SAC	Calcareous fen	0.5 km downstream of the Project where the River Tas (which feeds the fen) is crossed by overhead line.
A	Shelfanger Meadows	Flower rich hay meadows	0.3 km upstream of the Project where a watercourse is crossed by the haul road and overhead line.
B	Gypsey Camp Meadows, Thrandeston	Wet meadow	No hydrological connection to the Project.

Annex D. Groundwater Dependant Terrestrial Ecosystems (Local Nature Reserves)

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Annex D: Groundwater Dependant Terrestrial Ecosystems (Local Nature Reserves)

Table A8.1.15 Groundwater dependant terrestrial ecosystems (Local Nature Reserves)

Project Section	Site Name	GWDTE	Location in Relation to Project
A	Roydon Fen	Wet woodland and lowland fen	0.2 km downstream of where River Waveney is crossed by overhead line [also a CWS].
B	Bramford Meadows	Grassland and scrub alongside river	More than 4.5 km downstream of location where the haul road and overhead line cross the watercourse [also CWS].
B	Fen Alder Carr	Open water, tall fen and wet woodland	No direct hydrological connection between this site and the watercourses that are crossed by the Project [also a CWS].
B	Needham Lake	Lake and marsh	2.5 km downstream of location where overhead line crosses the River Gipping that feeds this LNR.
E	Brockwell Meadows	Water meadow on banks of River Blackwater	3.5 km downstream of location where overhead line crosses the River Blackwater that feeds this LNR
F	Chelmer Valley Riverside	Ponds on banks of River Chelmer	5.9 km downstream of location where the haul road and overhead line cross the River Chelmer that feeds this LNR.
G	Hutton Country Park	Marshy and wetland habitat	1.98 km upstream of location where the haul road crosses the River Wid [also a LWS].

Annex E. Groundwater Dependant Terrestrial Ecosystems (County Wildlife Sites)

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Annex E: Groundwater Dependant Terrestrial Ecosystems (County Wildlife Sites)

Table A8.1.16 Groundwater dependant terrestrial ecosystems (County Wildlife Sites)

Project Section	Site Name	GWDTE	Location in Relation to Project
A	Bayes Meadow	Marshy grassland	No hydrological connection to Project.
A	Roydon Fen	Wet woodland and lowland fen	0.2 km downstream of where River Waveney is crossed by overhead line [also LNR]
B	Bramford Meadows	Grassland and scrub alongside river	More than 4.5 km downstream of location where the haul road and overhead line cross the watercourse [also LNR].
A	Bracon Ash Common	Pond and wet ditch	No hydrological connection to Project.
A	Bressingham Fen	Wet woodland	3 km upstream of location where overhead line crosses the River Waveney.
A	Brewers Green	Ponds	No hydrological connection to Project.
A	Brick Kiln Lane, Bunwell Hill	Ponds and marshy grassland	0.6 km downstream of location where overhead line and haul road crosses the River Tas that feeds this CWS.
A	Brock's Watering	Wet grassland and stream	0.4 km downstream of location where overhead line and haul road crosses the watercourse which feeds this CWS.
A	Bunwell Fen	Wet woodland	2.3 km downstream of location where overhead line and haul road crosses the River Tas which feeds this CWS.
A	Carlton Rode Fen	Marshy grassland and fishing ponds	0.3 km upstream of location where overhead line and haul road crosses the River Tas which feeds this CWS.
A	Dunston Common	Small pond	Over 15 km downstream of location where overhead line and haul road crosses the River Tas which feeds this CWS.

Project Section	Site Name	GWDTE	Location in Relation to Project
A	Eagle Farm Pond	Large pond	No hydrological connection to the Project.
A	Flordon Meadow (East)	Marshy grassland	0.5 km upstream of location where overhead line crosses a watercourse which is tributary to the River Tas.
A	Flordon Meadow (West)	Marshy grassland	0.3 km upstream of location where overhead line crosses a watercourse which is tributary to the River Tas.
A	Gissing Common	Patches of marshy grassland	No hydrological connection to the Project.
A	Hapton Common	Marshy grassland and fast-flowing stream	1.6 km downstream of location where overhead line crosses a watercourse which is tributary to the River Tas.
A	Hethel Pond and 'The Drift'	Pond	No hydrological connection to the Project.
A	Horseford Meadow	Seasonally flooded grassland during winter	More than 7 km downstream of location where overhead line and haul road crosses the River Tas which feeds this CWS.
A	Muir Lane Meadow	Small area of marshy grassland	4 km upstream of location where overhead line and haul road crosses the River Tas which feeds this CWS.
A	Mulbarton Common	Small area of marshy grassland	No hydrological connection to the Project.
A	Spring Meadow	Marshy grassland	No hydrological connection to the Project.
A	Bracon Hall Lake	Lake	No hydrological connection to the Project.
A	Swardeston Common	Three ponds	No hydrological connection to the Project.
A	Tas Pond	Pond	3km downstream of location where overhead line and haul road crosses the River Tas which may feed this CWS.
A	Tas Valley	Marshy Grassland	5.7 km downstream of location where overhead line and haul road crosses the River Tas which feeds this CWS. There is also a tributary watercourse of the River Tas which the Project Crosses 4.3 km downstream of this CWS.
A	The Carr	Damp grassland and swamp	2.8 km and 3.6 km (respectively) downstream of locations where

Project Section	Site Name	GWDTE	Location in Relation to Project
			overhead line and haul road crosses two watercourses which confluence and feed this CWS.
A	The Carrs Woodland	Damp woodland, swamp, marshy grassland, ponds, ditches including a species rich chalky ditch and flowing stream	No hydrological connection to the Project.
A	The Grange, Wreningham	Large pond	1.6 km upstream of location where overhead line crosses a watercourse which is a tributary to the River Tas.
A	The Grove	Lake	No hydrological connection to the Project.
A	Wreningham Marsh	Marshy grassland and wet meadow	2 km upstream of location where overhead line crosses a watercourse which is a tributary to the River Tas.
B	Burgate Great Green	Three large ponds	No hydrological connection to the Project.
B	Burgate Little Green	Pond	No hydrological connection to the Project.
B	Creeting St Mary Meadows	Wet meadows	No hydrological connection to the Project.
B	Forrold Meadow	Two ponds	No hydrological connection to the Project.
B	Hall Farm Meadow	Wet meadow	2 km upstream of location where overhead line crosses the River Waveney.
B	Horse Fen	Wet grassland	2.7 km upstream of location where overhead line crosses the River Waveney.
B	Mellis Common	Ponds	No hydrological connection to the Project.
B	Railway Meadows	Wet meadows	No hydrological connection to the Project.
B	River Gipping (Sections)	River	The Project directly crosses the River Gipping with an overhead line.
B	River Waveney (Sections)	River	The Project directly crosses the River Waveney with an overhead line.
B	St John's Grove	Pond	No hydrological connection to the Project.

Project Section	Site Name	GWDTE	Location in Relation to Project
B	The Marsh	Marshy grassland	No hydrological connection to the Project.
B	Thornham Estate Woods	Ponds	No hydrological connection to the Project.
B	Thrandeston Marsh	Marshy grassland	1.1 km downstream of location where overhead line, haul road and area where UK Power Networks (UKPN) overhead line mitigation works would cross a watercourse that feeds this CWS and then confluences the River Waveney.
B	Topcroft Farm Meadows	Wet woodland and marshy grassland	3 km upstream of location where overhead line crosses a watercourse which feeds this CWS.
B, C	Bushey Ley Farm	Stream	No hydrological connection to the Project.
C	Chantry Park, Beechwater and Meadow	Fishing pond	No hydrological connection to the Project.
C	Higham Meadow	Wet meadow and stream	The Project's sustainable drainage system outfalls into Higham Meadow watercourse.
C	Raydon Great Wood	Over thirty ponds	No hydrological connection to the Project.
C	River Brett (Sections)	River	The River Brett is a tributary to the River Stour and they confluence prior to the Project crossing the River Stour at two locations via directional drilling for underground cabling.
C	Springhill Meadows	Stream	2.8 km downstream of location where overhead line crosses a watercourse which feeds this CWS.
C	Thorington Street Pit and Reservoir	Reservoir	No hydrological connection to the Project.
C	Wasses Marshes	Grazing marsh	0.4 km upstream of location where the Project crosses the River Stour via directional drilling for underground cabling.
C	Water Farm Meadow	Wet meadow, open water and stream	No hydrological connection to the Project.

Annex F. Groundwater Dependant Terrestrial Ecosystems (Local Wildlife Sites)

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Annex F: Groundwater Dependant Terrestrial Ecosystems (Local Wildlife Sites)

Table A8.1.17 Groundwater dependant terrestrial ecosystems (Local Wildlife Sites)

Project Section	Site Name	GWDTE	Location in Relation to Project
C	Ardleigh Reservoir Grassland	Reservoir edge and wet woodland species	1.5 km away along reservoir edge from location where overhead line crosses Ardleigh Reservoir.
C	Black Brook	Wet woodland	West section of LWS 0.1 km upstream of location where underground cable and haul road crosses the Black Brook and east section of LWS is 0.2 km downstream. East section is also the location of two surface water and attenuation drainage lines.
C	Bridges Farm	Alluvial floodplain pastures	2.2 km downstream of location where the underground cable crosses the River Stour that feeds this LWS via trenchless crossing.
C	Gun Hill Place	Lake	No hydrological connection to Project.
C	Langham Water Works	Wet woodland, lakes and water courses	2 km upstream of location where the underground cable crosses the River Stour, via trenchless crossing.
C	The Coombs	Wet stream valley and wet woodland	1 km downstream of location where the underground cable crosses the River Stour, via trenchless crossing.
C	Wall's Wood	Wet woodland and Salary Brook	2.2 km upstream of location where overhead line crosses Ardleigh Reservoir.
C	Wignall Brook Grasslands	Marshy grassland	No hydrological connection to Project.
D	Aldercar, Wormingford	Wet woodland	No hydrological connection to Project.
D	Fordham Bridge Meadow	River floodplain with swamp habitat	0.9 km downstream of location where overhead line crosses the River Colne.
D	Langham Road Grassland	Pond	No hydrological connection to Project.

Project Section	Site Name	GWDTE	Location in Relation to Project
D	Marks Tey Brick Pit	Wet woodland, marsh, open water habitats	0.4 km downstream of location where the haul road and overhead line crosses the Roman River.
D	Seven Star Green	Pond	No hydrological connection to Project.
D	Spring Wood (West Bergholt)	Marshy vegetation	No hydrological connection to Project.
D	West Bergholt Alderwoods	Wet woodland	0.7 km downstream along a tributary of the River Colne from where haul road and overhead line cross the waterbody.
E	Blackwater Plantation	Marsh and river	3.2 km upstream of location where overhead line and haul road cross the River Blackwater.
E	Buckler's Farm Wood	Stream	4.3 km upstream of location where the overhead line and haul road cross the Roman River.
E	Coggeshall Hall Farm	Lowland fen vegetation and complex riverine habitat	LWS intersected in the middle by overhead line and haul road where they cross the River Blackwater.
E	Craigments Spring	Pond	No hydrological connection to Project.
E	Feering Marsh	Marshy grassland	1.2 km downstream of location where the overhead line and haul road cross the River Blackwater.
E	Hoo Hall Meadows	Wet marshy grassland and stream	1.7 km downstream of location where the overhead line and haul road cross a River Blackwater tributary.
E	Tilkey Road, Coggeshall	Tall-herb marsh and brook	4.1 km upstream (on tributary) of location where the overhead line and haul road cross the River Blackwater.
E	Witham Marsh	Sedge-beds, rough marshy grassland, springs, river	1.9 km downstream of location where the haul road crosses the River Brain. 2.5 km downstream of location where overhead line crosses the River Brain.
F	Border Wood Lake	Lake and wet woodland	0.3 km stream connecting the LWS to where the overhead line passes.
F	Broomfield – Little Waltham Chelmer	Riverine habitat	0.9 km downstream of location where the overhead line crosses the River Chelmer.

Project Section	Site Name	GWDTE	Location in Relation to Project
F	Langleys Deer Park	Coastal and Floodplain Grazing Marsh and River	0.1 km upstream of location where the overhead line crosses the River Chelmer.
F	Little Waltham Village Meadows	Floodplain Grazing Marsh	0.5 km downstream of location where the overhead line crosses the River Chelmer.
F	Lowley's Farm Meadow	Coastal floodplains	0.06 km upstream of location where the haul road crosses River Ter, and 0.2 km upstream of location where overhead line crosses River Ter.
F	Writtle Bridge Meadow	Floodplain meadow	3.3 km downstream of location where the overhead line crosses the River Can.
G	Bluntswall Shaws	Pond and damp hollows	No hydrological connection to Project.
G	Harespring Wood	Wet woodland	No hydrological connection to Project.
G	Hutton Country Park	Marshy and wetland habitat	1.98 km upstream of location where the haul road crosses the River Wid. [also a LNR]
G	Little Burstead Common	Pond	No hydrological connection to Project.
G	Little Burstead Wood	Stream	3.6 km downstream of location where the overhead line crosses the River Crouch.
G	Parkhill Wood	Ponds	No hydrological connection to Project.
G	Poles Wood	Pond	No hydrological connection to Project.
G	Stock Brook Meadow	Damp meadow	1.8 km upstream of location where the overhead line and haul road crosses Stock Brook.
G	The Wilderness	Wet woodland and stream	3.4 km downstream of tributary of the River Crouch and then 2.4 km upstream of location where the haul road and overhead line crosses.
H	Linford Wood	Wet woodland	No hydrological connection to Project.
H	Little Thurrock Reedbeds	Reedbed	No hydrological connection to Project.
H	Mucking Creek Wetlands	Reedbed and mosaic wetland habitat	No hydrological connection to Project.

Project Section	Site Name	GWDTE	Location in Relation to Project
H	Thurrock Thameside Nature Park, Mucking	Lake and reeds	No hydrological connection to Project.
H	Tilbury Power Station	Reed, mosaic of wetland habitats, grazing marsh	No hydrological connection to Project.
H	Victoria Road Grassland, Stanford-le-Hope	Floodplain meadow	No hydrological connection to Project.
H	Warren Lakes	Lakes, wet woodland, reed	No hydrological connection to Project.

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