APPROVED: AP
CHECKED: MN
PRODUCED: MK
CONSULTANT: TEP

VikingLink

LEGEND

Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

- Proposed Converter Station Site
- Proposed Permanent Access Road

Existing Infrastructure

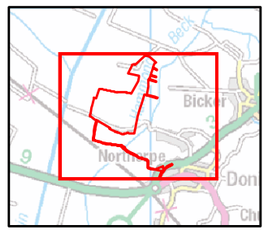
- Existing Bicker Fen 400kV Substation Site

Water Vole Survey Results

- Absent
- Present

Otter Survey Results

- Absent



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.10

FIGURE TITLE

FIGURE 21.10
WATER VOLE AND OTTER SURVEY

SHEET NUMBER

1 of 1

NOTES

Date: 14/08/17

Scale at A3: 1:11,500

0 225 450 Metres

Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\5461.5.1 Environmental Statement\Mxd\Figure 21.10 Converter Station - Water Vole and Otter Survey.mxd

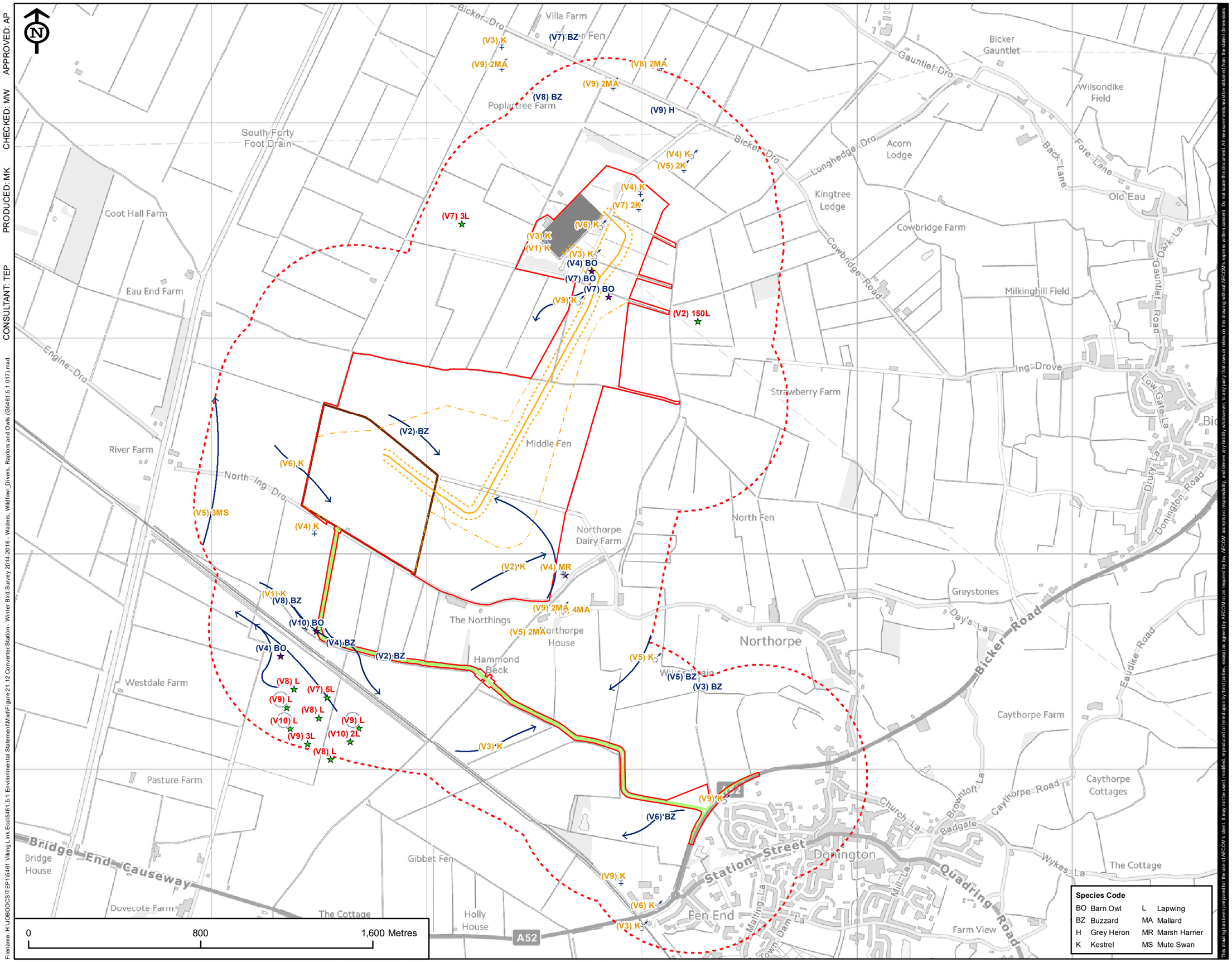
This drawing has been prepared for the sole of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

© Crown copyright and database rights 2016. Ordnance Survey 0100031673

Figure 21.11 REMOVED AS CONFIDENTIAL Converter Station - Badger Survey

APPROVED: AP
CHECKED: MW
PRODUCED: MK
CONSULTANT: TEP

Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\15461.5.1 Environmental Statement\Mxd\Figure 21.12 Converter Station - Winter Bird Survey 2014-2016 - Waders, Wildfowl_Divers, Raptors and Owls (G5461.5.1.017).mxd



Reproduced by permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. Contains OS data© Crown copyright and database rights 2016. Ordnance Survey 0100031673
Ordnance Survey © Crown Copyright. All rights reserved. 2017

Species Code

BO	Barn Owl	L	Lapwing
BZ	Buzzard	MA	Mallard
H	Grey Heron	MR	Marsh Harrier
K	Kestrel	MS	Mute Swan

VikingLink

LEGEND

Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

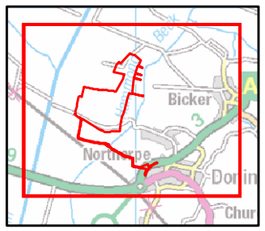
- Proposed Converter Station Site
- Proposed Permanent Access Road

Existing Infrastructure

- Existing Bicker Fen 400kV Substation Site

Winter Bird Survey Data

- Application Boundary - 500m Buffer
- Female
- Male
- Male and Female
- Singing
- Section 41 Species
- Schedule 1 Species
- Directional Flight Line



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.12

FIGURE TITLE

FIGURE 21.12
WINTER BIRD SURVEY - 2014-2015
WADERS, WILDFOWL/DIVERS, RAPTORS AND OWLS

SHEET NUMBER

1 of 2

NOTES

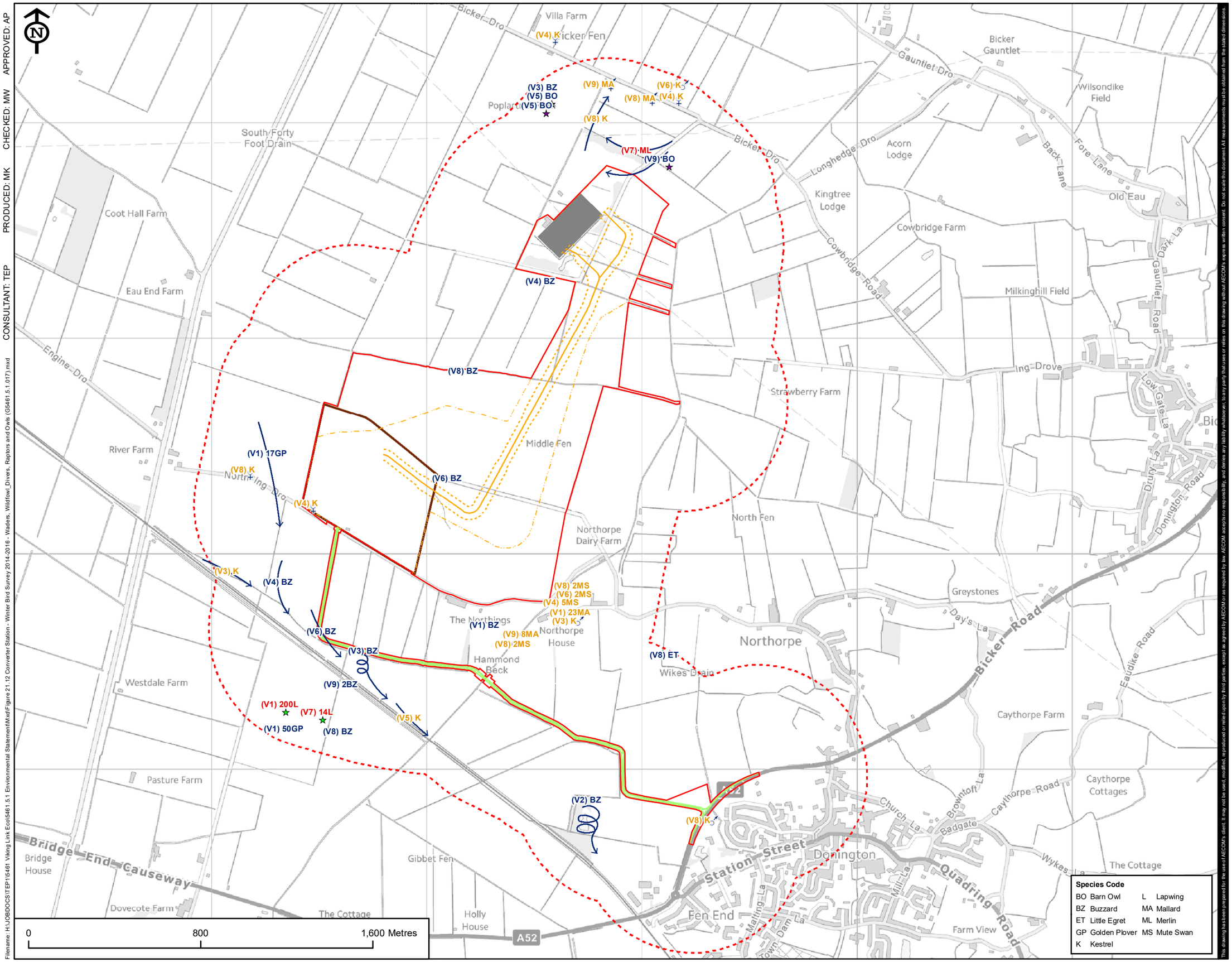
RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

Date:	Scale at A3:
14/08/17	1:15,900

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

APPROVED: AP
CHECKED: MW
PRODUCED: MK
CONSULTANT: TEP

Filename: H:\JOBDOCS\TEP1\54611 Viking Link Eco\54611.5.1 Environmental Statement\Mxd\Figure 21.12 Converter Station - Winter Bird Survey 2014-2016 - Waders, Wildfowl,Divers, Raptors and Owls (G54611.5.1.017).mxd



Species Code

BO	Barn Owl	L	Lapwing
BZ	Buzzard	MA	Mallard
ET	Little Egret	ML	Merlin
GP	Golden Plover	MS	Mute Swan
K	Kestrel		

Reproduced by permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. Contains OS data© Crown copyright and database rights 2016. Ordnance Survey 0100031673
Ordnance Survey © Crown Copyright. All rights reserved. 2017

VikingLink

LEGEND

- Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

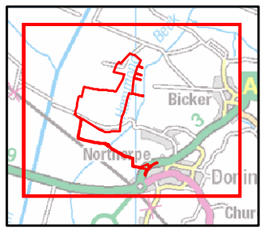
- Proposed Converter Station Site
- Proposed Permanent Access Road

Existing Infrastructure

- Existing Bicker Fen 400kV Substation Site

Winter Bird Survey Data

- Application Boundary - 500m Buffer
- Female
- Male
- Male and Female
- Section 41 Species
- Schedule 1 Species
- Directional Flight Line



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.12

FIGURE TITLE

FIGURE 21.12
WINTER BIRD SURVEY - 2015-2016
WADERS, WILDFOWL/DIVERS, RAPTORS AND OWLS

SHEET NUMBER

2 of 2

NOTES

RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

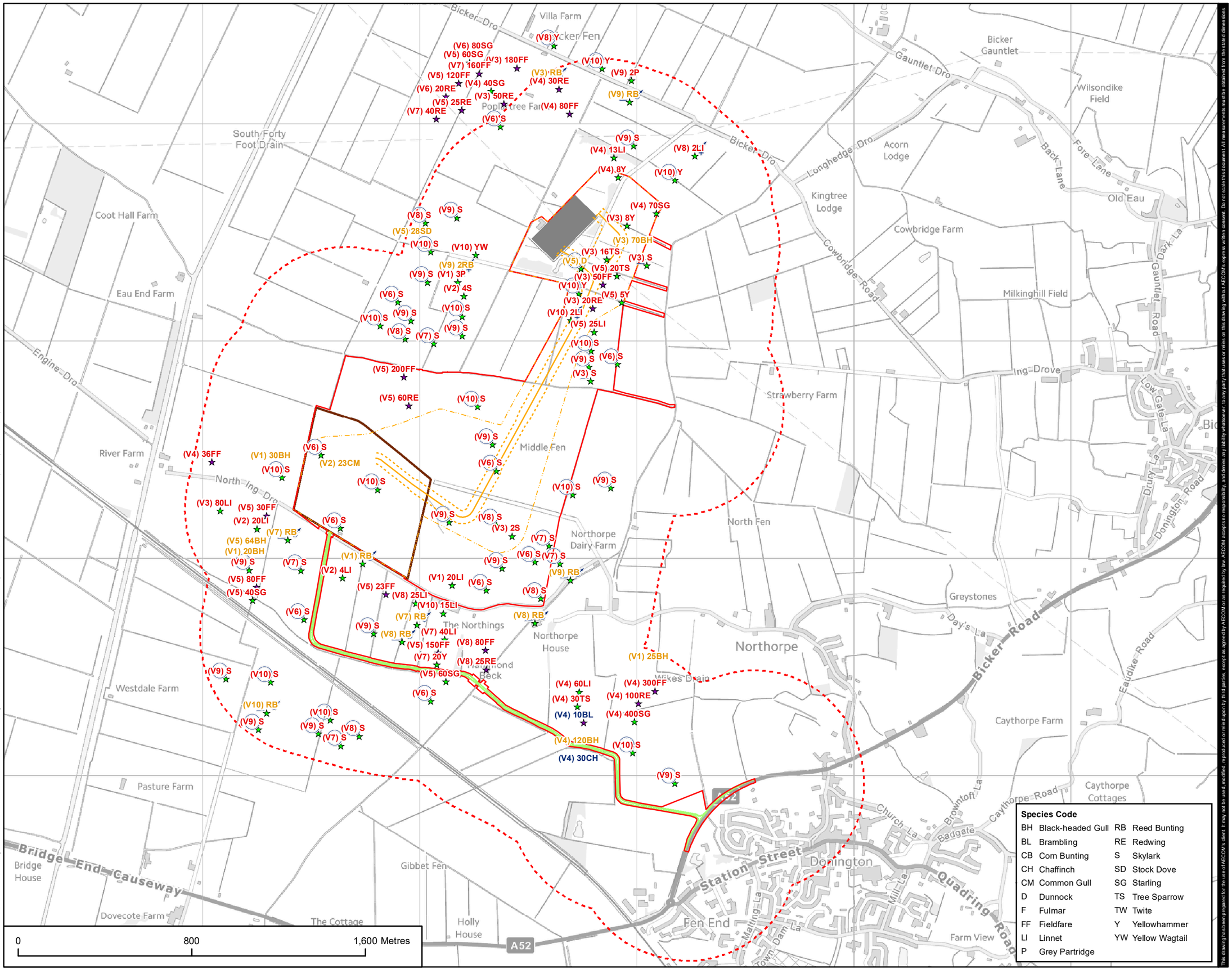
Date: 14/08/17

Scale at A3: 1:15,900

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

APPROVED: AP
CHECKED: MW
PRODUCED: MK
CONSULTANT: TEP

Filename: H:\JOBDOCS\TEP1\5481 Viking Link Eco\5481.5.1 Environmental Statement\Mxd\Figure 21.13 Converter Station - Winter Bird Survey 2014-2016 - Section 41 and BoCC Species (G5461.5.1.018).mxd



Reproduced by permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. Contains OS data© Crown copyright and database rights 2016. Ordnance Survey 0100031673
Ordnance Survey © Crown Copyright. All rights reserved. 2017

VikingLink

LEGEND

- Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

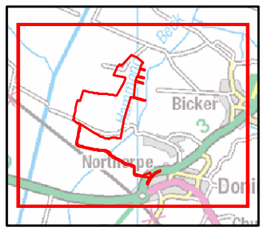
- Proposed Converter Station Site
- Proposed Permanent Access Road

Existing Infrastructure

- Existing Bicker Fen 400kV Substation Site

Winter Bird Survey Data

- Application Boundary - 500m Buffer
- Calling
- Male
- Male and Female
- Male Calling
- Singing
- Section 41 Species
- Schedule 1 Species



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.13

FIGURE TITLE

FIGURE 21.13
WINTER BIRD SURVEY - 2014-2015 - SECTION 41 AND BOCC SPECIES

SHEET NUMBER

1 of 2

NOTES

RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

Species Code

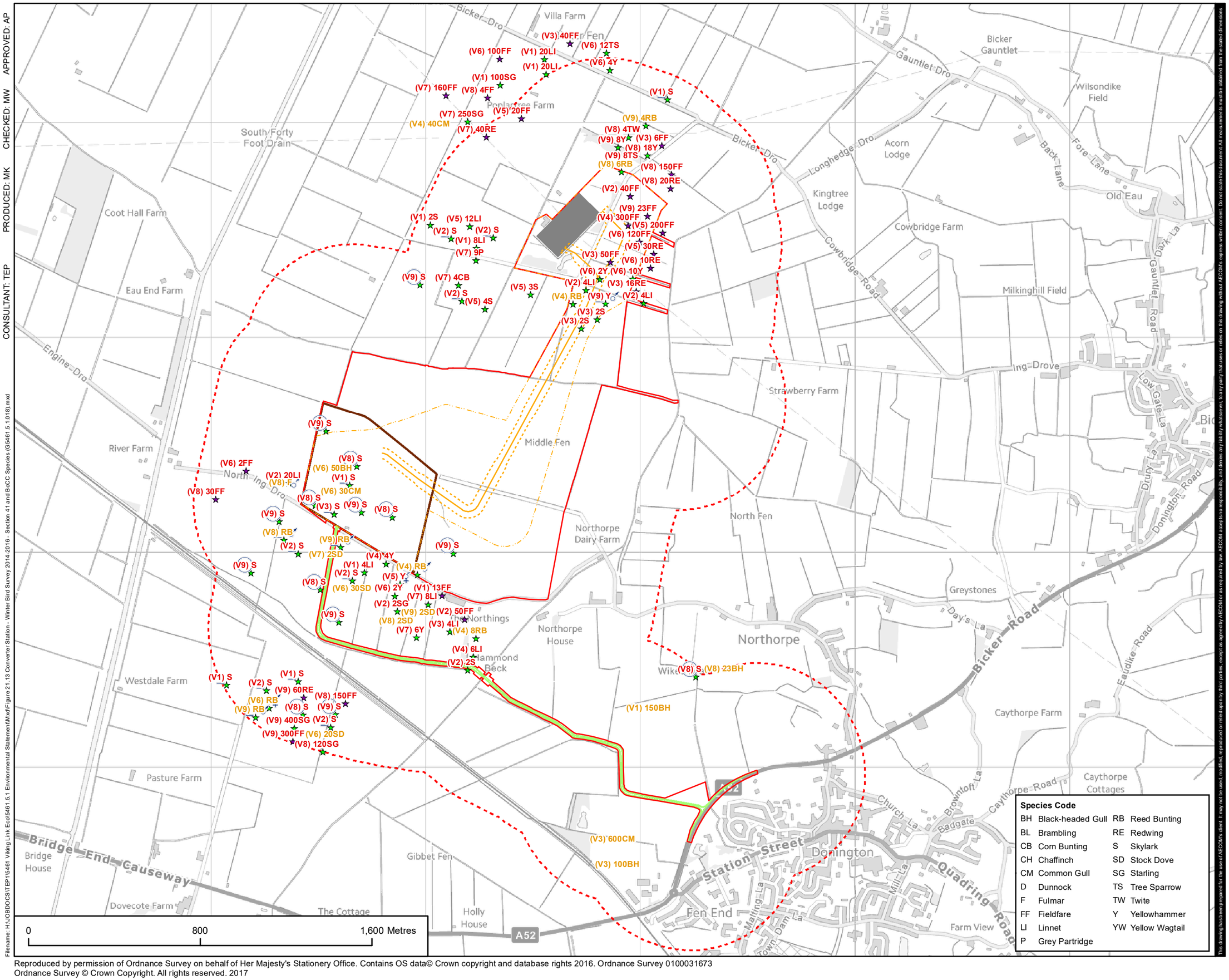
BH	Black-headed Gull	RB	Reed Bunting
BL	Brambling	RE	Redwing
CB	Corn Bunting	S	Skylark
CH	Chaffinch	SD	Stock Dove
CM	Common Gull	SG	Starling
D	Dunnock	TS	Tree Sparrow
F	Fulmar	TW	Twite
FF	Fieldfare	Y	Yellowhammer
LI	Linnet	YW	Yellow Wagtail
P	Grey Partridge		

Date: 14/08/17
Scale at A3: 1:15,900

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

CONSULTANT: TEP PRODUCED: MK CHECKED: MW APPROVED: AP

Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\5461.5.1 Environmental Statement\Mxd\Figure 21.13 Converter Station - Winter Bird Survey 2014-2016 - Section 41 and BoCC Species (G5461.5.1.018).mxd



Reproduced by permission of Ordnance Survey on behalf of Her Majesty's Stationery Office. Contains OS data© Crown copyright and database rights 2016. Ordnance Survey 0100031673
Ordnance Survey © Crown Copyright. All rights reserved. 2017

VikingLink

LEGEND

- Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

- Proposed Converter Station Site
- Proposed Permanent Access Road

Existing Infrastructure

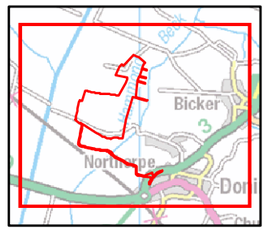
- Existing Bicker Fen 400kV Substation Site

Winter Bird Survey Data

- Application Boundary - 500m Buffer
- Calling
- Male
- Male and Female
- Male Calling
- Singing
- Section 41 Species
- Schedule 1 Species

Species Code

BH	Black-headed Gull	RB	Reed Bunting
BL	Brambling	RE	Redwing
CB	Corn Bunting	S	Skylark
CH	Chaffinch	SD	Stock Dove
CM	Common Gull	SG	Starling
D	Dunnock	TS	Tree Sparrow
F	Fulmar	TW	Twite
FF	Fieldfare	Y	Yellowhammer
LI	Linnet	YW	Yellow Wagtail
P	Grey Partridge		



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.13

FIGURE TITLE

FIGURE 21.13
WINTER BIRD SURVEY - 2015-2016 - SECTION 41 AND BOCC SPECIES

SHEET NUMBER

2 of 2

NOTES

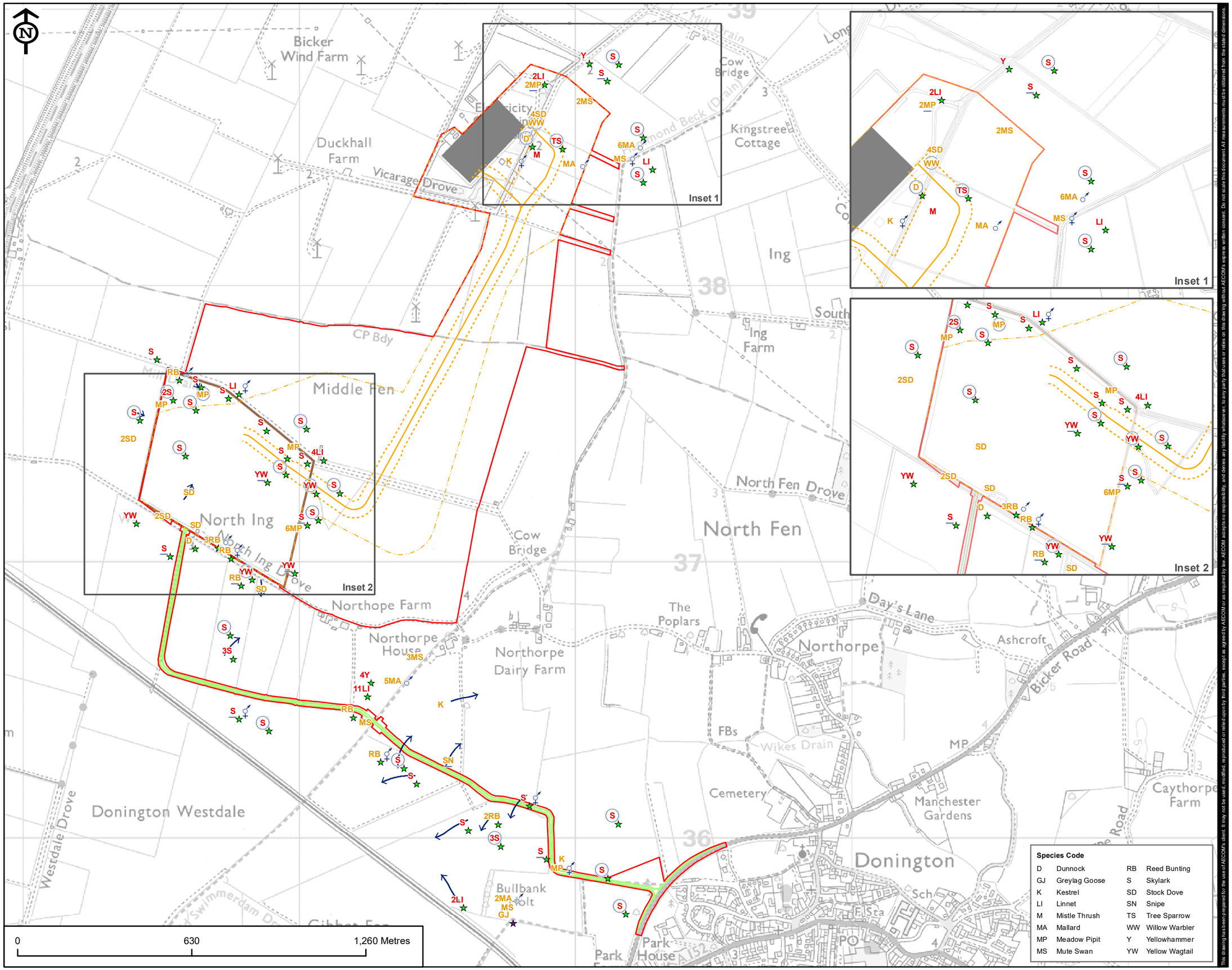
RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

Date:	Scale at A3:
14/08/17	1:15,900

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

CONSULTANT: TEP PRODUCED: MK CHECKED: MW APPROVED: AP

Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\15461.5.1 Environmental Statement\MxdFigure 21.14 Converter Station - Breeding Bird Survey 2016-2017 - BoCC, Schedule 1 and Section 41 Species - Visits 1 (G5461.5.1.020).mxd



0 630 1,260 Metres

© Crown copyright and database rights 2016. Ordnance Survey 0100031673

Species Code

D	Dunnock	RB	Reed Bunting
GJ	Greylag Goose	S	Skylark
K	Kestrel	SD	Stock Dove
LI	Linnet	SN	Snipe
M	Mistle Thrush	TS	Tree Sparrow
MA	Mallard	WW	Willow Warbler
MP	Meadow Pipit	Y	Yellowhammer
MS	Mute Swan	YW	Yellow Wagtail

VikingLink

LEGEND

Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

- Proposed Converter Station Site
- Permanent Access Road

Existing Infrastructure

- Existing Bicker Fen 400kV Substation Site

Breeding Bird Survey Data

- Section 41 Species
- Schedule 1 Species
- Calling
- Male and Female Calling
- Male
- Male and Female
- Singing
- Directional Flight Line

REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.14

FIGURE TITLE

FIGURE 21.14
BREEDING BIRD SURVEY - 2016-2017
BOCC, SCHEDULE 1 AND SECTION 41 SPECIES - VISITS 1

SHEET NUMBER

1 of 1

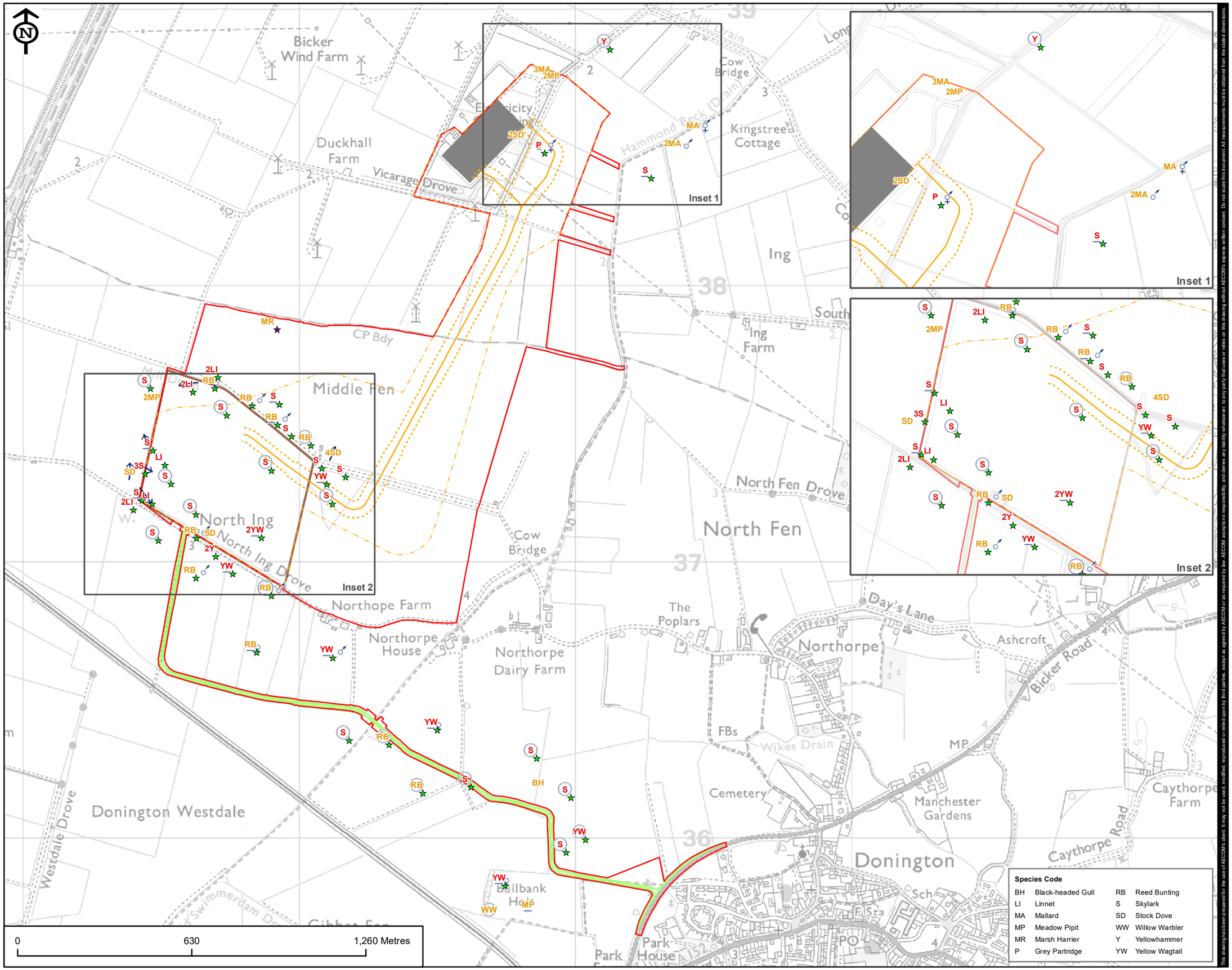
NOTES

RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

Date:	Scale at A3:
14/08/17	1:12,500

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

CONSULTANT: TEP PRODUCED: MK CHECKED: MW APPROVED: AP



Species Code

BH	Black-headed Gull	RB	Reed Bunting
LI	Linnet	S	Skylark
MA	Mallard	SD	Stock Dove
MP	Meadow Pipit	WW	Willow Warbler
MR	Marsh Harrier	Y	Yellowhammer
P	Grey Partridge	YW	Yellow Wagtail

VikingLink

LEGEND

Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation

Proposed Converter Station

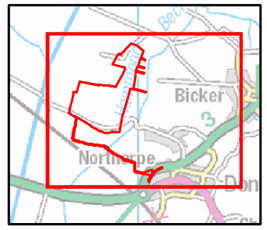
- Proposed Converter Station Site
- Permanent Access Road

Existing Infrastructure

- Existing Bicker Fen 400kV Substation Site

Breeding Bird Survey Data

- Section 41 Species
- Schedule 1 Species
- Calling
- Female
- Female Calling
- Male
- Male and Female
- Male Calling
- Male Singing
- Singing



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.15

FIGURE TITLE

FIGURE 21.15
BREEDING BIRD SURVEY - 2016-2017
BOCC, SCHEDULE 1 AND SECTION 41 SPECIES - VISITS 2

SHEET NUMBER

1 of 1

NOTES

RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

Date:	Scale at A3:
14/08/17	1:12,500

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

© Crown copyright and database rights 2016. Ordnance Survey 0100031673

Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\5461.5.1 Environmental Statement\Mxd\Figure 21.15 Converter Station - Breeding Bird Survey 2016-2017 - BoCC, Schedule 1 and Section 41 Species - Visits 2.mxd

CONSULTANT: TEP PRODUCED: MK CHECKED: MW APPROVED: AP

Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\5461.5.1 Environmental Statement\MXd\Figure 21.16 Converter Station - Breeding Bird Survey 2016-2017 - BoCC, Schedule 1 and Section 41 Species - Visits 3.mxd

Inset 1

Inset 2

Inset 1

Inset 2

0 630 1,260 Metres

© Crown copyright and database rights 2016. Ordnance Survey 0100031673

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

VikingLink

LEGEND

Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Proposed Converter Station

Proposed Converter Station Site

Permanent Access Road

Indicative AC Cable Route Option

Indicative AC Cable Route

Indicative AC Cable Route - Working Width

Indicative AC Cable Route - Limits of Deviation

Existing Infrastructure

Existing Bicker Fen 400kV Substation Site

Breeding Bird Survey Data

Section 41 Species

Alarm Call

Calling

juv Juvenile

Male and Female

Male Calling

Singing

Species Code

BH	Black-headed Gull	RB	Reed Bunting
D	Dunnock	S	Skylark
HM	House Martin	SG	Starling
LI	Linnet	ST	Song Thrush
MA	Mallard	WW	Willow Warbler
MP	Meadow Pipit	Y	Yellowhammer
MS	Mute Swan	YW	Yellow Wagtail
P	Grey Partridge		

REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.16

FIGURE TITLE

FIGURE 21.16
BREEDING BIRD SURVEY - 2016-2017
BOCC, SCHEDULE 1 AND SECTION 41 SPECIES - VISITS 3

SHEET NUMBER

1 of 1

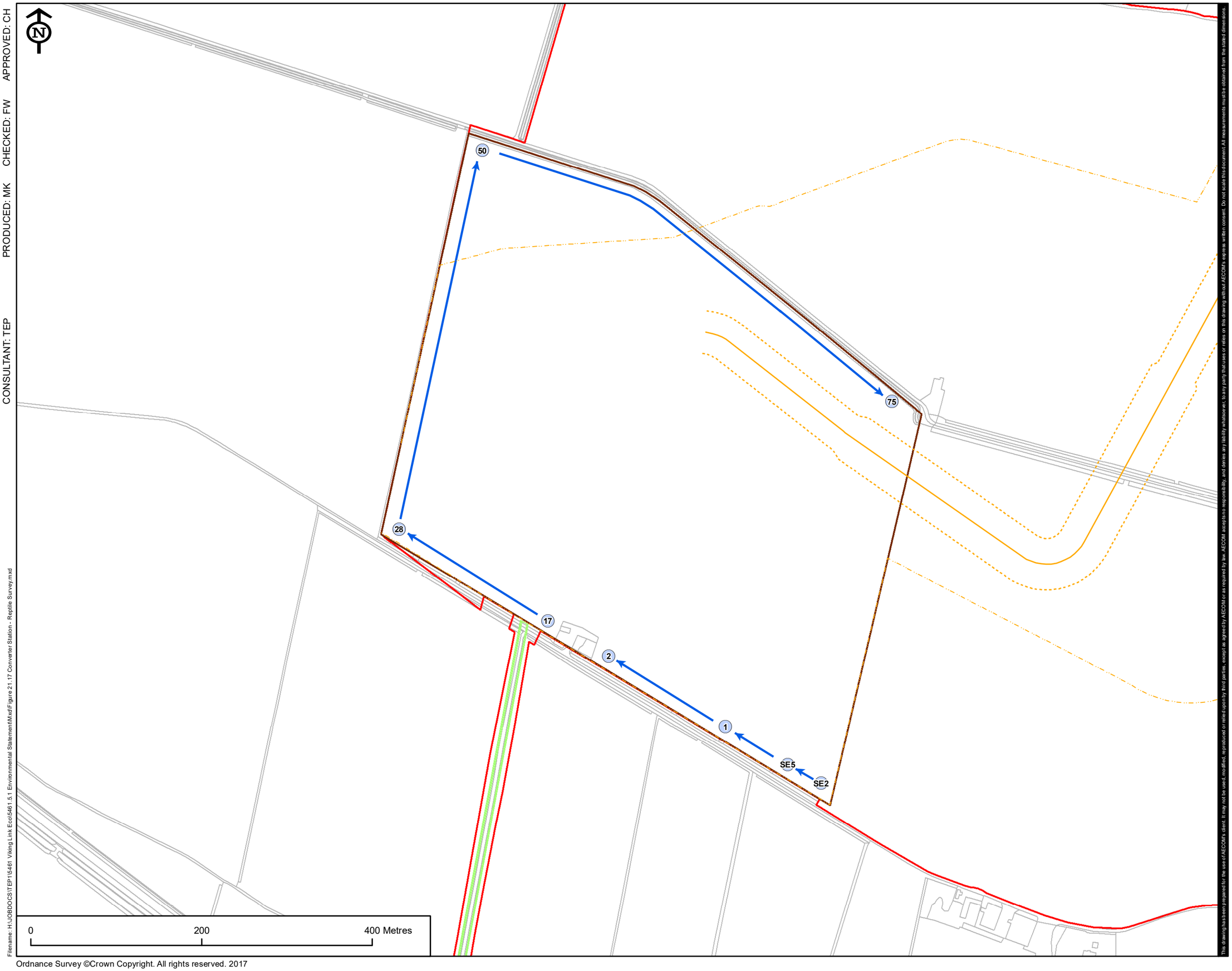
NOTES

RED RED LIST SPECIES
AMBER AMBER LIST SPECIES

Date: 14/08/17

Scale at A3: 1:12,500

APPROVED: CH
CHECKED: FW
PRODUCED: MK
CONSULTANT: TEP



Filename: H:\JOBDOCS\TEP\15461 Viking Link Eco\5461.5.1 Environmental Statement\Mxd\Figure 21.17 Converter Station - Reptile Survey.mxd

Ordnance Survey ©Crown Copyright. All rights reserved. 2017

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

VikingLink

LEGEND

- Part of Application Boundary Relating to Proposed Converter Station (Including AC Cable Route and Permanent Access Road)

Indicative AC Cable Route Option

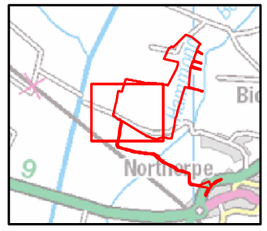
- Indicative AC Cable Route
- Indicative AC Cable Route - Working Width
- Indicative AC Cable Route - Limits of Deviation
- Proposed Converter Station Site

Permanent Access Road

- Proposed Permanent Access Road

Reptile Survey Data

- Reptile Tin (Start/Finish)
- Line of Reptile Tins



REVISION:

REV.	DATE	DESCRIPTION
1	14/08/17	ORIGINAL ISSUE

FIGURE NO.

VL_170814_ES21.17

FIGURE TITLE

FIGURE 21.17
REPTILE SURVEY

SHEET NUMBER

1 of 1

NOTES

Date:	Scale at A3:
14/08/17	1:4,000

22 Landscape & Visual Amenity

Figure 22.1 Site Location and Context
Figure 22.2 Landscape and Visual Design Mitigation
Figure 22.3 Landscape Designations
Figure 22.4 National Landscape Character
Figure 22.5 Local Landscape Character
Figure 22.6 Key Visual Receptors and Viewpoint Locations
Figure 22.7 View from Viewpoint 1 - Bicker Gauntlet
Figure 22.8 View from Viewpoint 2 - Bicker, Bishop Way
Figure 22.9 View from Viewpoint 3 - North Ing Drove
Figure 22.10 View from Viewpoint 4 - Northorpe, Day's Lane
Figure 22.11 View from Viewpoint 5 - A52, Donington
Figure 22.12 View from Viewpoint 6 - Westdale Drove
Figure 22.13 View from Viewpoint 7 - South Forty Foot Drain, Bank End Farm
Figure 22.14 View from Viewpoint 8 - Little Hale Drove
Figure 22.15 View from Viewpoint 9 - Shoff Road, off Ing Drove
Figure 22.16 View from Viewpoint 10 - Swaton Fen
Figure 22.17 Location of Cumulative Developments
Figure 22.18 Viewpoint 2 Illustrative Photomontage
Figure 22.19 Viewpoint 3 Illustrative Photomontage
Figure 22.20 Viewpoint 5 Illustrative Photomontage
Figure 22.21 Viewpoint 6 Illustrative Photomontage
Figure 22.22 Viewpoint 7 Illustrative Photomontage