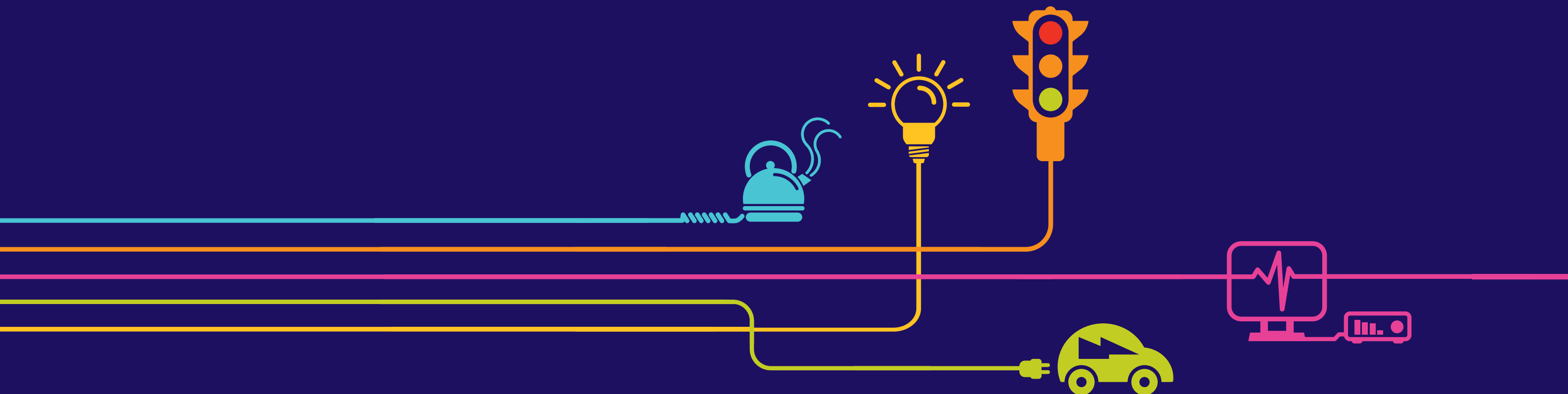


Environmental Statement Visual Effects Figures 7.32 to 7.40

Hinkley Point C Connection Project

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



Environmental Statement

Hinkley Point C Connection Project

5.7.3 – Visual Effects – Figures (orange highlight indicates the contents of this Volume)

Figure	Title
Volume 5.7.3.1	
7.1	Zone of Theoretical Visual Influence
7.2	Visual Receptors within 1km
Volume 5.7.3.2	
7.3	Long Distance Routes within 3km and Valued Views beyond 3km
7.4	Sequential and Representative Visual Receptors beyond 1 and 3km
Volume 5.7.3.3	
7.5	Photograph Viewpoint Locations within 1km
7.6	Section A: Photographs of Existing Views within 1km
Volume 5.7.3.4	
7.7	Section B: Photographs of Existing Views within 1km
Volume 5.7.3.5	
7.8	Section C: Photographs of Existing Views within 1km
7.9	Section D: Photographs of Existing Views within 1km
Volume 5.7.3.6	
7.10	Section E: Photographs of Existing Views within 1km
7.11	Section F: Photographs of Existing Views within 1km
Volume 5.7.3.7	
7.12	Section G: Photographs of Existing Views within 1km
7.13	Photograph Viewpoint Locations between 1 and 3km
Volume 5.7.3.8	
7.14	Photograph Viewpoint Locations beyond 3km
Volume 5.7.3.9	
7.15	Sections A: Photographs of Existing Views between 1 and 3km and beyond 3km
7.16	Section B: Photographs of Existing Views between 1 and 3km and beyond 3km
7.17	Section C: Photographs of Existing Views between 1 and 3km and beyond 3km
Volume 5.7.3.10	
7.18	Section D: Photographs of Existing Views between 1 and 3km and beyond 3km
7.19	Section E: Photographs of Existing Views between 1 and 3km and beyond 3km
7.20	Section F: Photographs of Existing Views between 1 and 3km and beyond 3km
7.21	Section G: Photographs of Existing Views between 1 and 3km and beyond 3km
7.22	Visual Receptors within 1km: Hinkley Line Entries
7.23	Sequential and Representative Visual Receptors between 1 and 3km and Valued Views beyond 3km: Hinkley Line Entries
7.24	Photograph Viewpoint Locations within 1km: Hinkley Line Entries
Volume 5.7.3.11	
7.25	Photographs of Existing Views within 1km: Hinkley Line Entries

Figure	Title
7.26	Photograph Viewpoint Locations between 1 and 3km and beyond 3km: Hinkley Line Entries
7.27	Photographs of Existing Views between 1 and 3km and beyond 3km: Hinkley Line Entries
7.28	Significance of Visual Effects on Receptors within 1km during Construction
Volume 5.7.3.12	
7.29	Significance of Visual Effects on Receptors between 1 and 3km and beyond 3km during Construction
Volume 5.7.3.13	
7.30	Significance of Visual Effects on Receptors within 1km during Operation
7.31	Significance of Visual Effects on Receptors between 1 and 3km and beyond 3km during Operation
Volume 5.7.3.14A	
7.32	Bridgwater Tee CSE Compound – Landscape Mitigation and Detailed Planting Plans
7.33	South of Mendip Hills 400kV CSE Compound – Landscape Mitigation and Detailed Planting Plans
7.34	River Axe Cable Bridge Option – Landscape Mitigation and Detailed Planting Plan
7.35 ¹	Sandford 400kV/132kV Substation - Landscape Mitigation Phasing and Detailed Planting Plans
7.36	Towerhead Brook Bridge - Landscape Mitigation and Detailed Planting Plan
7.37	Significance of Visual Effects on Receptors within 1km during Construction: Hinkley Line Entries
7.38	Significance of Visual Effects on Receptors between 1 and 3km and beyond 3km during Construction: Hinkley Line Entries
7.39	Significance of Visual Effects on Receptors within 1km on Completion: Hinkley Line Entries
7.40	Significance of Visual Effects on Receptors between 1 and 3km and beyond 3km on Completion: Hinkley Line Entries

¹ **Figure 7.35.6** Sandford Substation - Landscape Mitigation Phasing Plan replaces **Figure 7.35.6** contained at ES **Volume 5.29.1.3**

Figure 7.32 - Bridgwater Tee CSE Compound – Landscape Mitigation and Detailed Planting Plans

- Planting Notes:**
- Woodland mix to be planted in swathes of single species groups of 5-25 at 1.0m centres.
 - Extra heavy standard trees to be supplied with 100mm x 100mm short double timber stakes and secured with reinforced rubber tree ties.
 - Feathered trees to be supplied with 100mm x 100mm short single timber stakes and secured with reinforced rubber tree ties.
 - Tree pits to be excavated to a minimum of 900mm and 75mm greater than the depth of the rootball. Pit to be back filled with 50% top soil and 50% tree planting compost.
 - All whips to be supported with bamboo canes and ties.
 - Wildflower meadow should be planted with species appropriate to the local area - suitable seed mixes can be sourced from Emorsgate Seeds
 - Planting areas to be protected with 1m high timber post and wire mesh rabbit proof fencing.
 - If site topsoil is not suitable, imported topsoil must be to British Standard BS3882.
 - Mitigation proposals would be implemented in accordance with the landscape specification at Volume 5.7.2 Appendix 7K.

Maintenance Items:

During first five years:

- Replace areas of failed planting as required to maintain screening value, visual quality and biodiversity value.
- 1 x yearly strim (100mm) to vegetation between trees and shrubs and removal of arisings off site. Applicable until canopy layer closes over.
- Glyphosate spot spray to vegetation around base of trees and shrubs within 500mm diameter from base. To be undertaken approximately 2 times per year during the growing season. NOTE Glyphosate formulations containing the surfactant Polyethoxylated tallow amine (POEA) should not be used within close proximity to water bodies or other wetland habitats as it can cause high amphibian larvae mortality.
- Re-firm newly planted trees and shrubs as required.
- At least twice annually adjust stakes and ties and check rabbit proof fencing.

Year 5:

- Remove stakes and ties.

Every 10 years:

- Selective thinning, coppicing and pruning of trees and shrubs as required.

 Native tree planting

Native tree planting

Corylus avellana Age: 2x H: 400-450cm Girth: 16-18cm Root Condition: RB
8m after 15 Years
Acer campestre Age: 3x H: 425-600cm Girth: 14-16cm Root Condition: RB
8m after 15 Years
Quercus robur Age: 3x H: 425-600cm Girth: 14-16cm Root Condition: RB
7m after 15 Years

 Native structure planting

Native structure planting mix

10% Acer campestre H: 60-80cm (B), 8m after 15 years
5% Acer campestre H: 175-200cm feathered (B), 8m after 15 years
10% Cornus sanguinea H:60-80cm (B), 6m after 15 years
5% Crataegus monogyna H:125-150cm (B), 4m after 15 years
10% Corylus avellana H: 60-80cm (B), 10m after 15 years
10% Corylus avellana H: 175-200cm feathered (B), 10m after 15 years
10% Salix purpurea H:60-80cm (B), 8-10m after 15 years
10% Salix cinerea H:60-80cm (B), 8-10m after 15 years
5% Salix caprea H:60-80cm (B), 8-10m after 15 years
5% Prunus spinosa H: 60-80cm (B), 4m after 15 years
10% Quercus robur H:60-80cm (B), 7m after 15 years
5% Quercus robur H:175-200cm feathered (B), 7m after 15 years
5% Sambucus nigra H: 60-80cm (B), 5m after 15 years

 Native hedgerow and additional hedge gap planting of existing field boundaries

Native hedgerow mix

20% Acer campestre H:125-150cm (B)
10% Corylus avellana H: 60-80cm (B)
20% Crataegus monogyna H: 60-80cm (B)
20% Ligustrum vulgare H: 60-80cm (B)
20% Prunus spinosa H: 60-80cm (B)
10% Rosa canina H: 60-80cm (B)

To be planted in double staggered rows at 500mm centres
Would be maintained at 2m height after 15 years

Existing vegetation and tree species to be retained surrounding Withy Pool

Withy Pool

Ditch

Proposed earth mounding up to 1.5m high to enhance screening height of proposed planting. Subject to studies relating to flooding, drainage, historic environment and biodiversity.

Native structure planting, scattered trees and native hedgerow planting, similar in character to planting around Withy Pool, to screen cable sealing end compound

Native structure planting, scattered trees and native hedgerow planting, similar in character to planting around Withy Pool, to screen cable sealing end compound

Proposed earth mounding up to 1.5m high to enhance screening height of proposed planting. Subject to studies relating to flooding, drainage, historic environment and biodiversity.

Proposed hedgerow gap planting and native tree planting, augmented by a programme of selecting and tagging appropriate existing hedgerow trees to be managed and allowed to grow as trees

400kV underground cable easement (10m offset from cable channel)

10 metre easement from 400kV overhead line

Existing tree with bat potential to be retained

Manor Farm

SITE MAP



Key

 Order Limits

 Properties

 Existing Hedgerow to be Retained

 Existing Trees

Proposed

 Meadow Planting (of Regional Provenance)

 Native Tree Planting

 Native Structure Planting

 Native Hedgerow

 Additional Hedge Gap Planting Using Whips and Feathered Trees

 Earth Mounding (indicative only)
Mounding will be directed on site by the Landscape Clerk of Works using excess soil from works

Note:
Refer to Volume 5.25B: Off-Site Planting and Enhancement Scheme (OSPES) for landscape proposals in the wider landscape

B	30/06/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
BRIDGWATER TEE CABLE ROUTE 400kV
CABLE SEALING END COMPOUND
LANDSCAPE MITIGATION

nationalgrid		National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA	
NG INVESTMENT No.	APPLICATION No.	CAD A3	SCALE see scale bar
20897	EN020001		
FIGURE No.	DRAWING No.	SHEET 1 of 1	ISSUE B
7.32.1	D1979.25.002J		

Full Planting Schedule

Qty	Name	Age	Height	Form	Girth	ClrStm	Brks	Root	Ctrs
19	Acer campestre	3x	425-600cm	Extra-heavy Standard	14-16cm	min 200cm	7	RB (Rootball ed)	1.000
15	Corylus avellana	2x	400-450cm	Standard (Extra heavy)	16-18cm		2	RB (Rootball ed)	1.000
19	Quercus robur	3x	425-600cm	Standard (Extra heavy)	14-16cm	175-200cm		RB (Rootball ed)	1.000

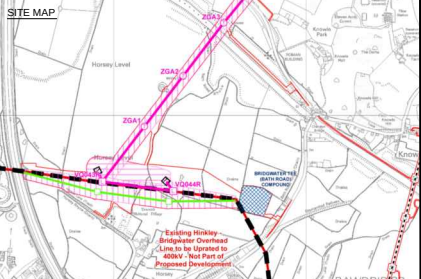
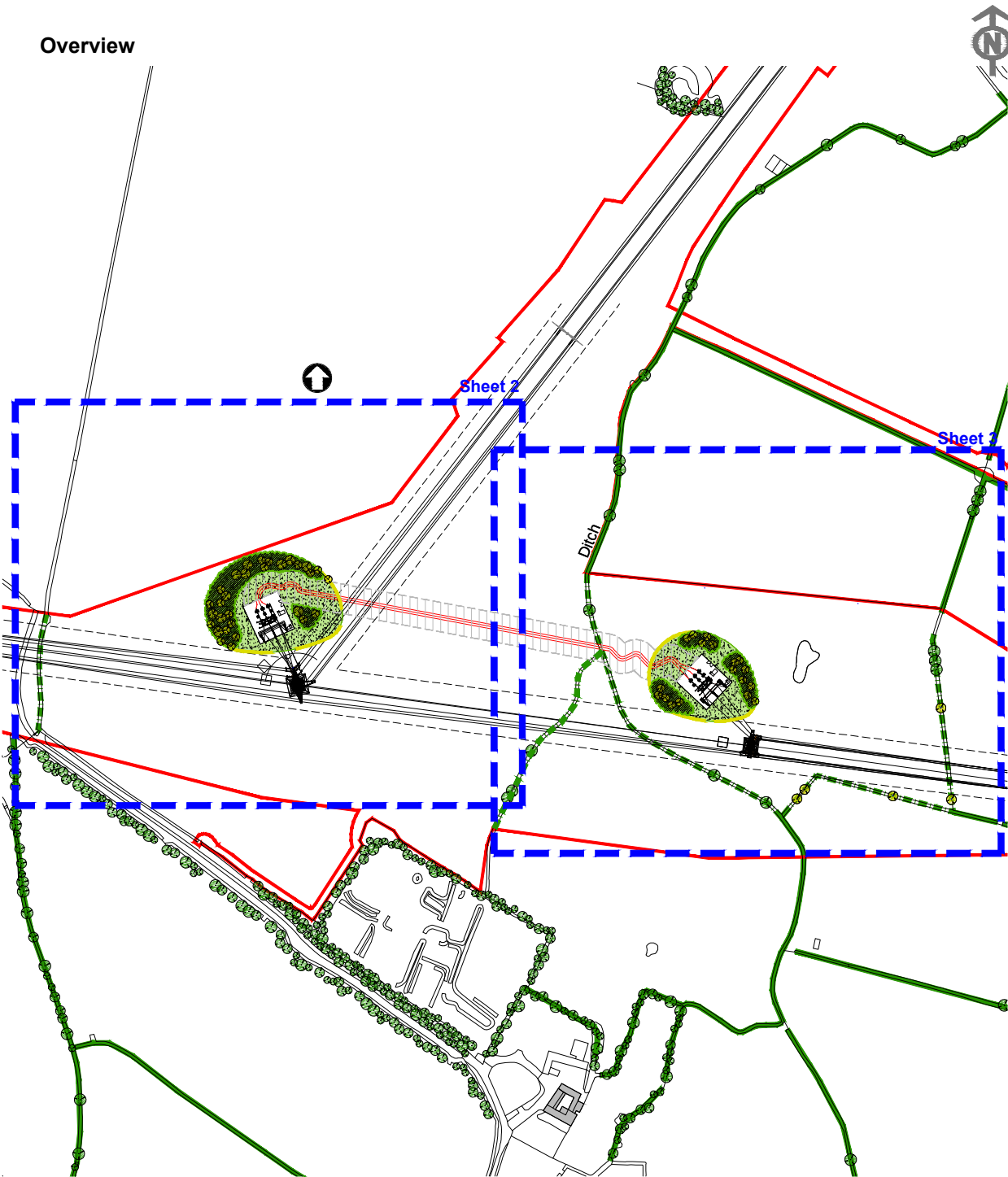
Native Hedgerow Mix - To be planted in single species groups of 5 - 20nr in a staggered row

Qty	Name	Age	Height	Form	Girth	ClrStm	Brks	Root	Ctrs
168	Acer campestre	2x	125-150cm	Feathered			3	BR (Bare Root)	0.500
85	Corylus avellana	1+2 or 1/2	60-80cm					BR (Bare Root)	0.500
168	Crataegus monogyna	1+1 or 1/1	60-80cm	Transplant (seed-raised)				BR (Bare Root)	0.500
168	Ligustrum vulgare	1+1 or 1/1	60-80cm				3	BR (Bare Root)	0.500
168	Prunus spinosa	1+1 or 1/1	60-80cm				2	BR (Bare Root)	0.500
85	Rosa canina	1+1 or 1/1	60-80cm					BR (Bare Root)	0.500

Native Structure Planting Mix - To be planted in single species groups of 10 - 30nr.

Qty	Name	Age	Height	Form	Girth	ClrStm	Brks	Root	Ctrs
439	Acer campestre	1+1 or 1/1	60-80cm	Transplant				BR (Bare Root)	1.000
219	Acer campestre	2x	175-200cm	Feathered			5	BR (Bare Root)	1.000
439	Cornus sanguinea	1+2	60-80cm				4	BR (Bare Root)	1.000
439	Corylus avellana	0/1	175-200cm	Feathered				BR (Bare Root)	1.000
439	Corylus avellana	1+2 or 1/2	60-80cm					BR (Bare Root)	1.000
219	Crataegus monogyna	2x	125-150cm					BR (Bare Root)	1.000
219	Prunus spinosa	1+1 or 1/1	60-80cm				2	BR (Bare Root)	1.000
439	Quercus robur	1+0 or 1/0	60-80cm	Transplant (seed-raised)				BR (Bare Root)	1.000
219	Quercus robur	2x	175-200cm	Feathered				BR (Bare Root)	1.000
219	Salix caprea	0/1	60-80cm				2	BR (Bare Root)	1.000
439	Salix cinerea	0/1	60-80cm				2	BR (Bare Root)	1.000
439	Salix purpurea	0/1	60-80cm					BR (Bare Root)	1.000
219	Sambucus nigra	1+1 or 1/1	60-80cm				3	BR (Bare Root)	1.000

Overview



- Key
- Order Limits
 - Properties
 - Existing Hedgerow to be Retained
 - Existing Trees
 - Proposed
 - Meadow Planting (of Regional Provenance)
 - Native Tree Planting
 - Native Structure Planting
 - Native Hedgerow
 - Additional Hedge Gap Planting Using Whips and Feathered Trees
 - Earth Mounding (indicative only) Mounding will be directed on site by the Landscape Clerk of Works using excess soil from works

Meadow Planting Seed Mix

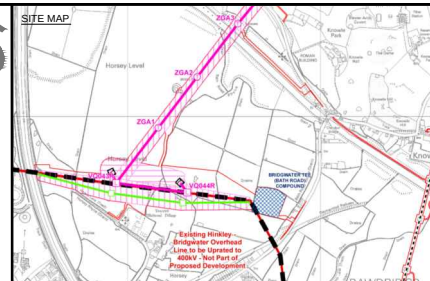
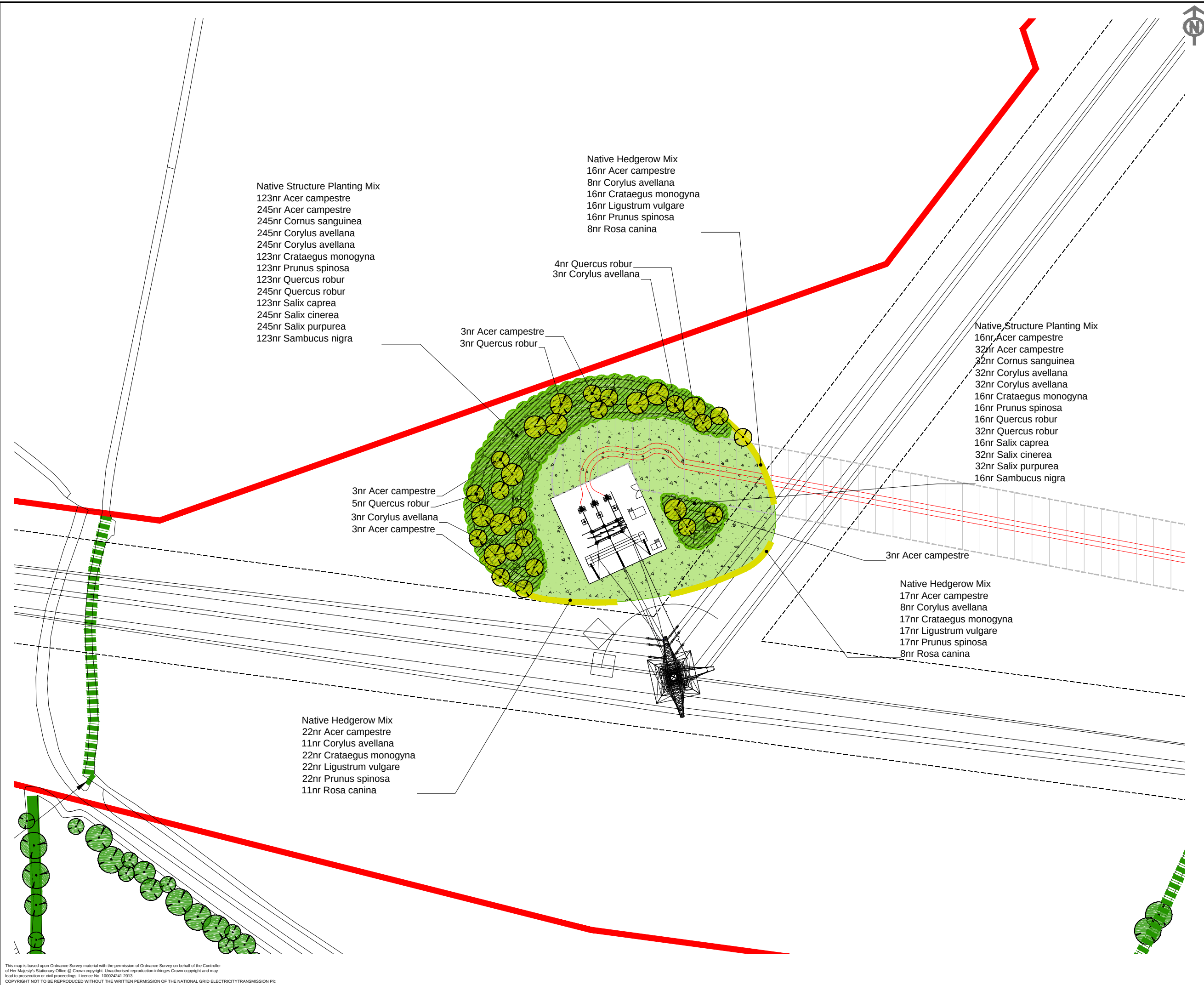
Supplier - Emorsgate Seeds
Product - EM18 - St Catherine Mixture (Limestone Grassland)
Sowing Rate - 16kg/acre

Wildflowers

2%	<i>Centaurea nigra</i>	Common Knapweed
3%	<i>Hypochaeris radicata</i>	Catsear
5.5%	<i>Leontodon hispidus</i>	Rough Hawkbit
4.5%	<i>Leucanthemum vulgare</i>	Oxeye Daisy
1.2%	<i>Lotus corniculatus</i>	Birdsfoot Trefoil
2%	<i>Medicago lupulina</i>	Black Medick
2.5%	<i>Plantago lanceolata</i>	Ribwort Plantain
0.8%	<i>Primula veris</i>	Cowslip
1%	<i>Prunella vulgaris</i>	Selfheal
3%	<i>Ranunculus acris</i>	Meadow Buttercup
0.6%	<i>Ranunculus bulbosus</i>	Bulbous Buttercup
8.5%	<i>Rhisanthus minor</i>	Yellow Rattle
0.4%	<i>Tragopogon pratensis</i>	Goat's-beard
2.4%	<i>Trifolium pratense</i>	Wild Red Clover

Grasses

5%	<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass
10.2%	<i>Briza media</i>	Quaking Grass
12.6%	<i>Bromopsis erecta</i>	Upright Brome
8.3%	<i>Carex flacca</i>	Glaucous Sedge
8%	<i>Cynosurus cristatus</i>	Crested Dogstail
2%	<i>Dactylis glomerata</i>	Cocksfoot
3%	<i>Festuca rubra</i>	Red Fescue
1%	<i>Holcus lanatus</i>	Yorkshire Fog
5%	<i>Lolium perenne</i>	Perennial Ryegrass



Key

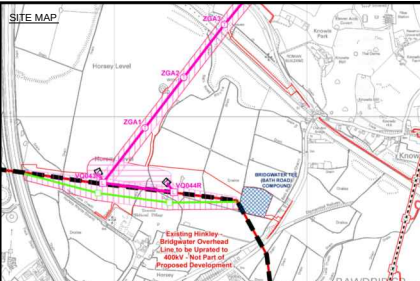
KEY

- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Trees
- Proposed
 - Meadow Planting (of Regional Provenance)
 - Native Tree Planting
 - Native Structure Planting
 - Native Hedgerow
 - Additional Hedge Gap Planting Using Whips and Feathered Trees
 - Earth Mounding (indicative only) Mounding will be directed on site by the Landscape Clerk of Works using excess soil from works

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title
NATIONAL GRID (HINKLEY POINT C)
CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
BRIDGWATER TEE CABLE ROUTE 400kV
CABLE SEALING END COMPOUND
DETAILED PLANTING PLAN

nationalgrid			
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			
NG INVESTMENT No.	APPLICATION No.		CAD
20897	EN020001		A3
FIGURE No.	DRAWING No.	SCALE	
7.32.3	D1979.25.006D	1:1,250	
SHEET 2 of 3			ISSUE
			B

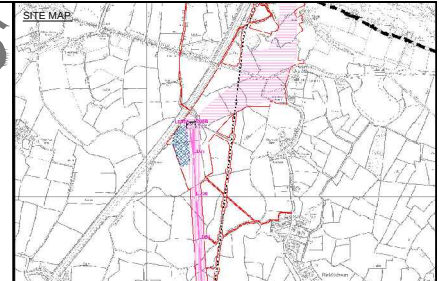
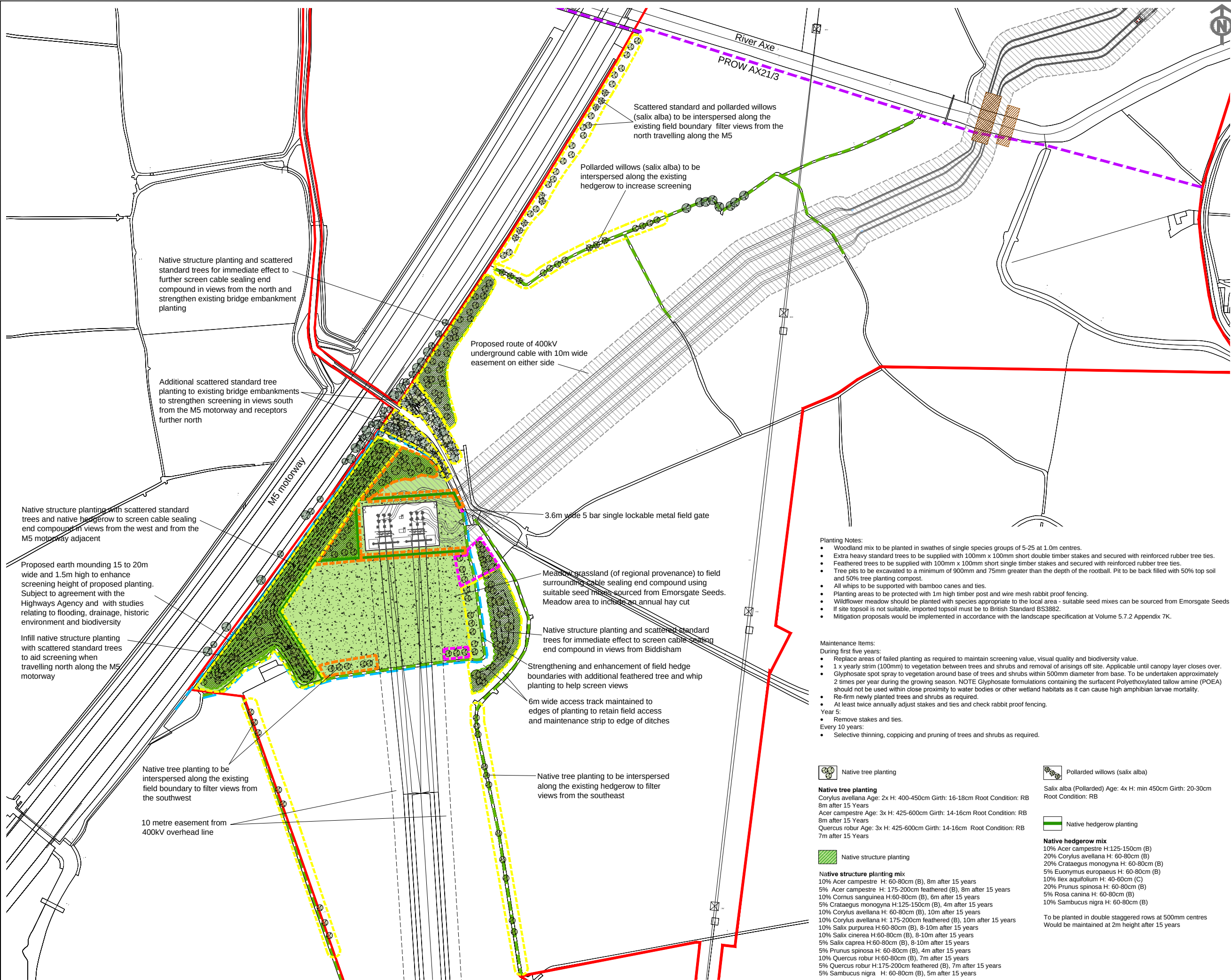


Key

- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Trees
- Proposed
 - Meadow Planting (of Regional Provenance)
 - Native Tree Planting
 - Native Structure Planting
 - Native Hedgerow
 - Additional Hedge Gap Planting Using Whips and Feathered Trees
 - Earth Mounding (indicative only)
Mounding will be directed on site by the Landscape Clerk of Works using excess soil from works

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
<u>Title</u>					
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.7.3.14A					
BRIDGWATER TEE CABLE ROUTE 400KV CABLE SEALING END COMPOUND DETAILED PLANTING PLAN					
nationalgrid					
National Grid plc, Warwick Technology Park, Galloway Hill, Warwick, CV34 6DA					
NG INVESTMENT No.		APPLICATION No.		CAD	
20897		EN020001		A3	
FIGURE No.		DRAWING No.		SCALE	
7.32.4		D1979.25.007D		1:1,250	
SHEET 3 of 3				<u>ISSUE</u>	
				B	

Figure 7.33 - South of Mendip Hills 400kV CSE Compound – Landscape Mitigation and Detailed Planting Plans



Key

- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Ditch to be Retained
- Existing Trees
- Public Right of Way

Proposed

- Meadow Planting (of Regional Provenance)
- Native Tree Planting
- Pollarded Willows (Salix Alba)
- Native Structure Planting
- Native Hedgerow
- Earth Mounding
- Single 5 Bar Metal Field Gate

Phasing Key

A Phasing ID

- Implementation Feb/March 2016
- Implementation Feb/March 2020
- Implementation Feb/March 2021

Notes:
Phasing is based on the revised construction programme. If programme changes, the phasing would be adjusted accordingly.

Refer to Volume 5.25B: Off-Site Planting and Enhancement Scheme (OSPES) for landscape proposals in the wider landscape.

B	30/06/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APPD

Title
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
SOUTH OF MENDIP HILLS 400kV CABLE SEALING END COMPOUND
LANDSCAPE MITIGATION

			
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			
NG INVESTMENT No.	APPLICATION No.		CAD
20897	EN020001		A3
FIGURE No.	DRAWING No.	SCALE	
7.33.1	D1979.25.003K	see scale bar	
SHEET 1 of 1			ISSUE
			B

- Planting Notes:**
- Woodland mix to be planted in swathes of single species groups of 5-25 at 1.0m centres.
 - Extra heavy standard trees to be supplied with 100mm x 100mm short double timber stakes and secured with reinforced rubber tree ties.
 - Feathered trees to be supplied with 100mm x 100mm short single timber stakes and secured with reinforced rubber tree ties.
 - Tree pits to be excavated to a minimum of 900mm and 75mm greater than the depth of the rootball. Pit to be back filled with 50% top soil and 50% tree planting compost.
 - All whips to be supported with bamboo canes and ties.
 - Planting areas to be protected with 1m high timber post and wire mesh rabbit proof fencing.
 - Wildflower meadow should be planted with species appropriate to the local area - suitable seed mixes can be sourced from Emorsgate Seeds.
 - If site topsoil is not suitable, imported topsoil must be to British Standard BS3882.
 - Mitigation proposals would be implemented in accordance with the landscape specification at Volume 5.7.2 Appendix 7K.

- Maintenance Items:**
- During first five years:
- Replace areas of failed planting as required to maintain screening value, visual quality and biodiversity value.
 - 1 x yearly strim (100mm) to vegetation between trees and shrubs and removal of arisings off site. Applicable until canopy layer closes over.
 - Glyphosate spot spray to vegetation around base of trees and shrubs within 500mm diameter from base. To be undertaken approximately 2 times per year during the growing season. NOTE Glyphosate formulations containing the surfactant Polyethoxylated tallow amine (POEA) should not be used within close proximity to water bodies or other wetland habitats as it can cause high amphibian larvae mortality.
 - Re-firm newly planted trees and shrubs as required.
 - At least twice annually adjust stakes and ties and check rabbit proof fencing.
- Year 5:
- Remove stakes and ties.
- Every 10 years:
- Selective thinning, coppicing and pruning of trees and shrubs as required.

Native tree planting

Native tree planting
Corylus avellana Age: 2x H: 400-450cm Girth: 16-18cm Root Condition: RB
8m after 15 Years
Acer campestre Age: 3x H: 425-600cm Girth: 14-16cm Root Condition: RB
8m after 15 Years
Quercus robur Age: 3x H: 425-600cm Girth: 14-16cm Root Condition: RB
7m after 15 Years

Native structure planting

Native structure planting mix
10% Acer campestre H: 60-80cm (B), 8m after 15 years
5% Acer campestre H: 175-200cm feathered (B), 8m after 15 years
10% Cornus sanguinea H: 60-80cm (B), 6m after 15 years
5% Crataegus monogyna H: 125-150cm (B), 4m after 15 years
10% Corylus avellana H: 60-80cm (B), 10m after 15 years
10% Corylus avellana H: 175-200cm feathered (B), 10m after 15 years
10% Salix purpurea H: 60-80cm (B), 8-10m after 15 years
10% Salix cinerea H: 60-80cm (B), 8-10m after 15 years
5% Salix caprea H: 60-80cm (B), 8-10m after 15 years
5% Prunus spinosa H: 60-80cm (B), 4m after 15 years
10% Quercus robur H: 60-80cm (B), 7m after 15 years
5% Quercus robur H: 175-200cm feathered (B), 7m after 15 years
5% Sambucus nigra H: 60-80cm (B), 5m after 15 years

Pollarded willows (salix alba)

Salix alba (Pollarded) Age: 4x H: min 450cm Girth: 20-30cm
Root Condition: RB

Native hedgerow planting

Native hedgerow mix
10% Acer campestre H: 125-150cm (B)
20% Corylus avellana H: 60-80cm (B)
20% Crataegus monogyna H: 60-80cm (B)
5% Euonymus europaeus H: 60-80cm (B)
10% Ilex aquifolium H: 40-60cm (C)
20% Prunus spinosa H: 60-80cm (B)
5% Rosa canina H: 60-80cm (B)
10% Sambucus nigra H: 60-80cm (B)

To be planted in double staggered rows at 500mm centres
Would be maintained at 2m height after 15 years



Full Planting Schedule

Name	Qty	Age	Height	Form	Girth	ClrStm	Breaks	Root	Cntr	Cntrs	Mix%
Acer campestre	78	3x	425-600cm	Extra-heavy Standard	14-16cm	min 200cm	7	RB (Rootballed)		1.000	0.00
Alnus glutinosa	75	3x	425-600cm	Extra-heavy Standard	16-18cm	Min 200cm		RB		0.000	0.00
Quercus robur	87	3x	425-600cm	Standard (Extra heavy)	14-16cm	175-200cm		RB (Rootballed)		1.000	0.00
Salix alba (Pollarded)	14	4x	min 450cm		20-25cm	125-150cm		RB (Rootballed)		1.000	0.00

Native Hedgerow Mix - To be planted in single species groups of 5 - 20nr in a double staggered row

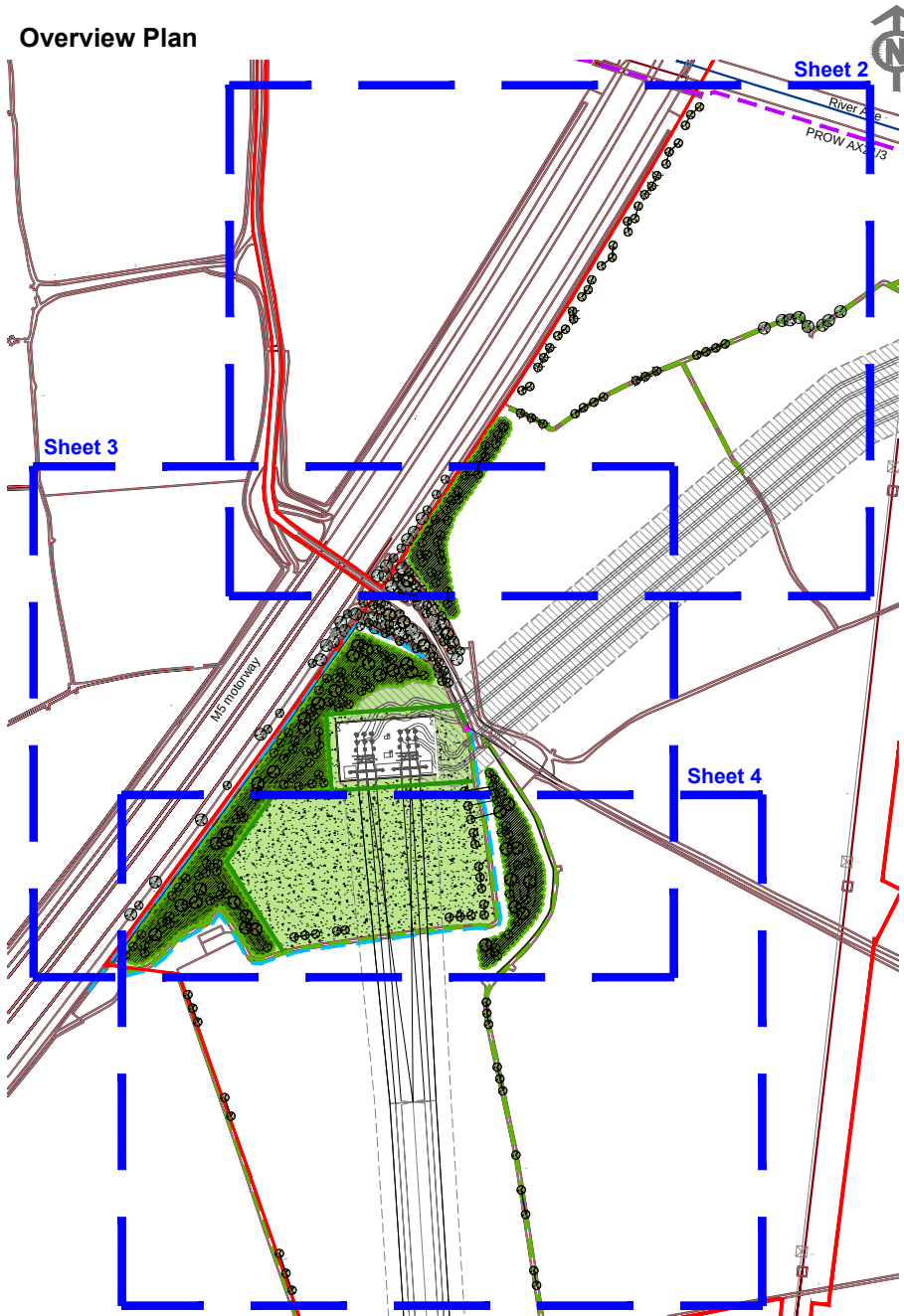
Name	Qty	Age	Height	Form	Girth	ClrStm	Breaks	Root	Cntr	Cntrs	Mix%
Acer campestre	82	2x	125-150cm	Feathered			3	BR (Bare Root)		0.500	10.00
Corylus avellana	164	1+2 or 1/2	60-80cm					BR (Bare Root)		0.500	20.00
Crataegus monogyna	164	1+1 or 1/1	60-80cm	Transplant (seed-raised)				BR (Bare Root)		0.500	20.00
Euonymus europaeus	41	1+2	60-80cm				5	BR (Bare Root)		0.500	5.00
Ilex aquifolium	82		40-60cm					BR (Bare Root)		0.500	10.00
Prunus spinosa	164	1+1 or 1/1	60-80cm				2	BR (Bare Root)		0.500	20.00
Rosa canina	41	1+1 or 1/1	60-80cm					BR (Bare Root)		0.500	5.00
Sambucus nigra	82	1+1 or 1/1	60-80cm				3	BR (Bare Root)		0.500	10.00

Native Structure Planting Mix - To be planted in single species groups of 10 - 30nr

Name	Qty	Age	Height	Form	Girth	ClrStm	Breaks	Root	Cntr	Cntrs	Mix%
Acer campestre	1282	1+1 or 1/1	60-80cm	Transplant				BR (Bare Root)		1.000	10.00
Acer campestre	642	2x	175-200cm	Feathered			5	BR (Bare Root)		1.000	5.00
Cornus sanguinea	1282	1+2	60-80cm				4	BR (Bare Root)		1.000	10.00
Corylus avellana	1282	0/1	175-200cm	Feathered				BR (Bare Root)		1.000	10.00
Corylus avellana	1282	1+2 or 1/2	60-80cm					BR (Bare Root)		1.000	10.00
Crataegus monogyna	642	2x	125-150cm					BR (Bare Root)		1.000	5.00
Prunus spinosa	642	1+1 or 1/1	60-80cm				2	BR (Bare Root)		1.000	5.00
Quercus robur	1282	1+0 or 1/0	60-80cm	Transplant (seed-raised)				BR (Bare Root)		1.000	10.00
Quercus robur	642	2x	175-200cm	Feathered				BR (Bare Root)		1.000	5.00
Salix caprea	642	0/1	60-80cm				2	BR (Bare Root)		1.000	5.00
Salix cinerea	1282	0/1	60-80cm				2	BR (Bare Root)		1.000	10.00
Salix purpurea	1282	0/1	60-80cm					BR (Bare Root)		1.000	10.00
Sambucus nigra	642	1+1 or 1/1	60-80cm				3	BR (Bare Root)		1.000	5.00

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office @ Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241. 2013
COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC

Overview Plan



Meadow Planting Seed Mix

Supplier - Emorsgate Seeds
Product - EM18 - St Catherine Mixture (Limestone Grassland)
Sowing Rate - 16kg/acre

Wildflowers

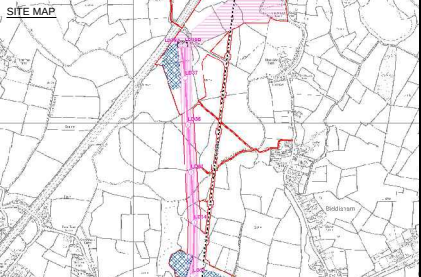
2% *Centaurea nigra*
3% *Hypochaeris radicata*
5.5% *Leontodon hispidus*
4.5% *Leucanthemum vulgare*
1.2% *Lotus corniculatus*
2% *Medicago lupulina*
2.5% *Plantago lanceolata*
0.8% *Primula veris*
1% *Prunella vulgaris*
3% *Ranunculus acris*
0.6% *Ranunculus bulbosus*
8.5% *Rhisanthus minor*
0.4% *Tragopogon pratensis*
2.4% *Trifolium pratense*

Grasses

5% *Anthoxanthum odoratum*
10.2% *Briza media*
12.6% *Bromopsis erecta*
8.3% *Carex flacca*
8% *Cynosurus cristatus*
2% *Dactylis glomerata*
3% *Festuca rubra*
1% *Holcus lanatus*
5% *Lolium perenne*

Common Knapweed
Catsear
Rough Hawkbit
Oxeye Daisy
Birdsfoot Trefoil
Black Medick
Ribwort Plantain
Cowslip
Selfheal
Meadow Buttercup
Bulbous Buttercup
Yellow Rattle
Goat's-beard
Wild Red Clover

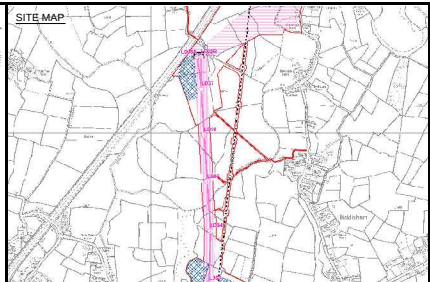
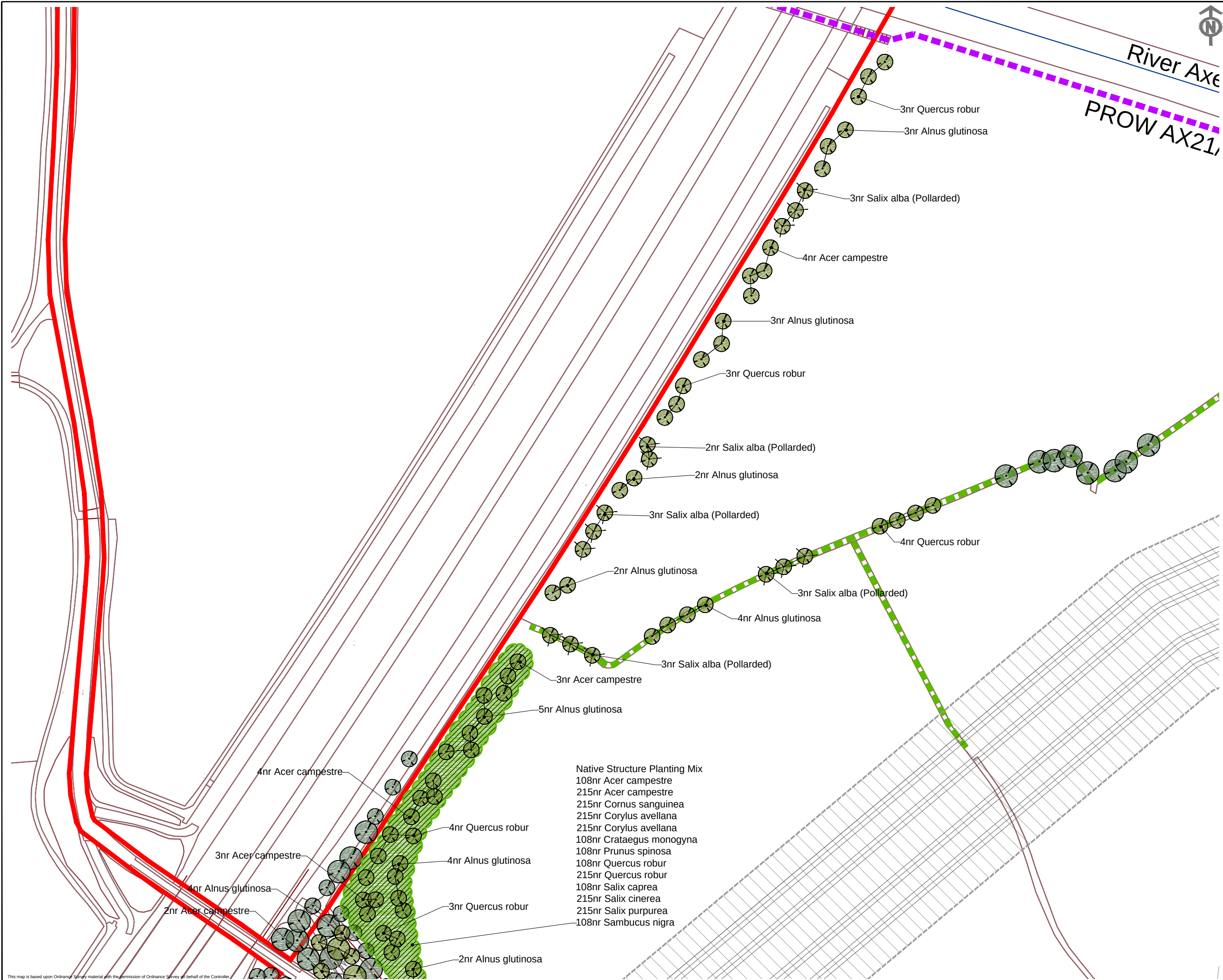
Sweet Vernal-grass
Quaking Grass
Upright Brome
Glaucous Sedge
Crested Dogstail
Cocksfoot
Red Fescue
Yorkshire Fog
Perennial Ryegrass



Key

- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Ditch to be Retained
- Existing Trees
- Public Right of Way
- Proposed
 - Meadow Planting (of Regional Provenance)
 - Native Tree Planting
 - Pollarded Willows (Salix Alba)
 - Native Structure Planting
 - Native Hedgerow
 - Earth Mounding
 - Single 5 Bar Metal Field Gate

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
Title					
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.7.3.14A SOUTH OF MENDIP HILLS 400kV CABLE SEALING END COMPOUND DETAILED PLANTING PLAN					
nationalgrid					
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA					
NG INVESTMENT No.	APPLICATION No.		CAD		
20897	EN020001		A3		
FIGURE No.	DRAWING No.		SCALE		
7.33.2	D1979.25.008D		1:5000		
SHEET 1 of 4					ISSUE
					B



Key

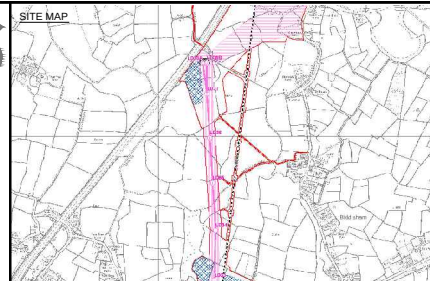
- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Ditch to be Retained
- Existing Trees
- Public Right of Way
- Proposed**
- Meadow Planting (of Regional Provenance)
- Native Tree Planting
- Pollarded Willows (Salix Alba)
- Native Structure Planting
- Native Hedgerow
- Earth Mounding
- Single 5 Bar Metal Field Gate

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
SOUTH OF MENDIP HILLS 400kV CABLE SEALING END COMPOUND
DETAILED PLANTING PLAN

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA		
NG INVESTMENT No.	APPLICATION No.	CAD
20897	EN020001	A3
FIGURE No.	DRAWING No.	SCALE
7.33.3	D1979.25.009D	1:1,250
SHEET 2 of 4		ISSUE
		B

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office. © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241 2013
COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC



Key

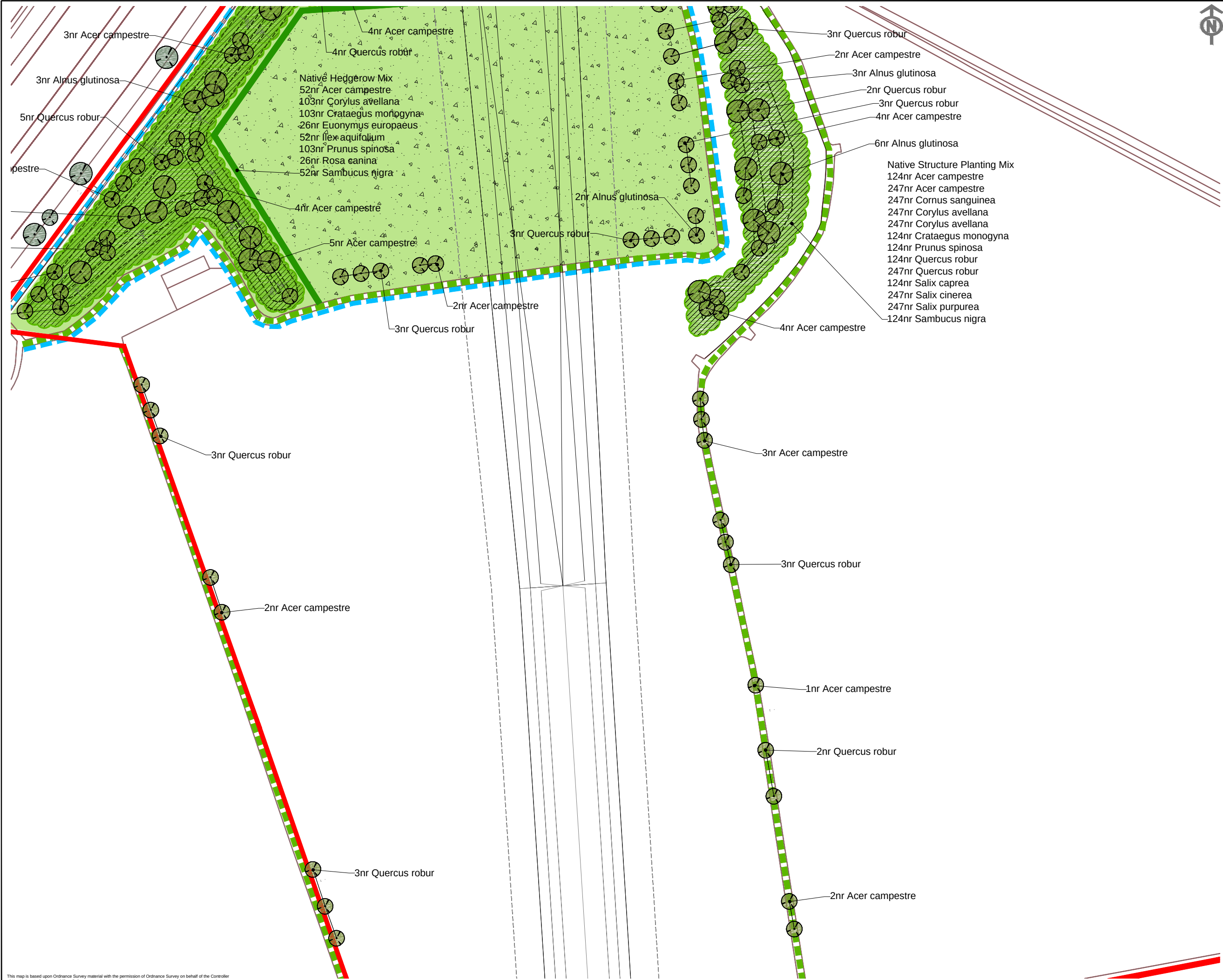
- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Ditch to be Retained
- Existing Trees
- Public Right of Way
- Proposed
 - Meadow Planting (of Regional Provenance)
 - Native Tree Planting
 - Pollarded Willows (*Salix Alba*)
 - Native Structure Planting
 - Native Hedgerow
 - Earth Mounding
 - Single 5 Bar Metal Field Gate

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
SOUTH OF MENDIP HILLS 400kV CABLE SEALING END COMPOUND
DETAILED PLANTING PLAN

nationalgrid			CAD A3
NG INVESTMENT No.	APPLICATION No.		
20897	EN020001		
FIGURE No.	DRAWING No.	SCALE	
7.33.4	D1979.25.010D	1:1,250	
SHEET 3 of 4			ISSUE B

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office @ Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024261 2013
COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC



Key

- Order Limits
- Properties
- Existing Hedgerow to be Retained
- Existing Ditch to be Retained
- Existing Trees
- Public Right of Way

Proposed

- Meadow Planting (of Regional Provenance)
- Native Tree Planting
- Pollarded Willows (Salix Alba)
- Native Structure Planting
- Native Hedgerow
- Earth Mounding
- Single 5 Bar Metal Field Gate

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APPD

Title
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
SOUTH OF MENDIP HILLS 400kV
CABLE SEALING END COMPOUND
DETAILED PLANTING PLAN

nationalgrid			National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA	
NG INVESTMENT No.	APPLICATION No.		CAD	
20897	EN020001		A3	
FIGURE No.	DRAWING No.	SCALE	ISSUE	
7.33.5	D1979.25.011D	1:1,250	B	
SHEET 4 of 4				

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office @ Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241 2013
COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC

Figure 7.34 – River Axe Cable Bridge Option - Landscape Mitigation and Detailed Planting Plan

Full Planting Schedule

Qty	Name	Age	Height	Form	ClrStm	Brks	Root	Ctrs	Mix %
16	Acer campestre	3x	425-600cm	Extra-heavy Standard	min 200cm	7	RB (Rootball ed)	1.000	0.00
12	Corylus avellana	2x	400-450cm	Standard (Extra heavy)		2	RB (Rootball ed)	1.000	0.00
9	Quercus robur	3x	425-600cm	Standard (Extra heavy)	175-200cm		RB (Rootball ed)	1.000	0.00

Native Hedgerow Mix

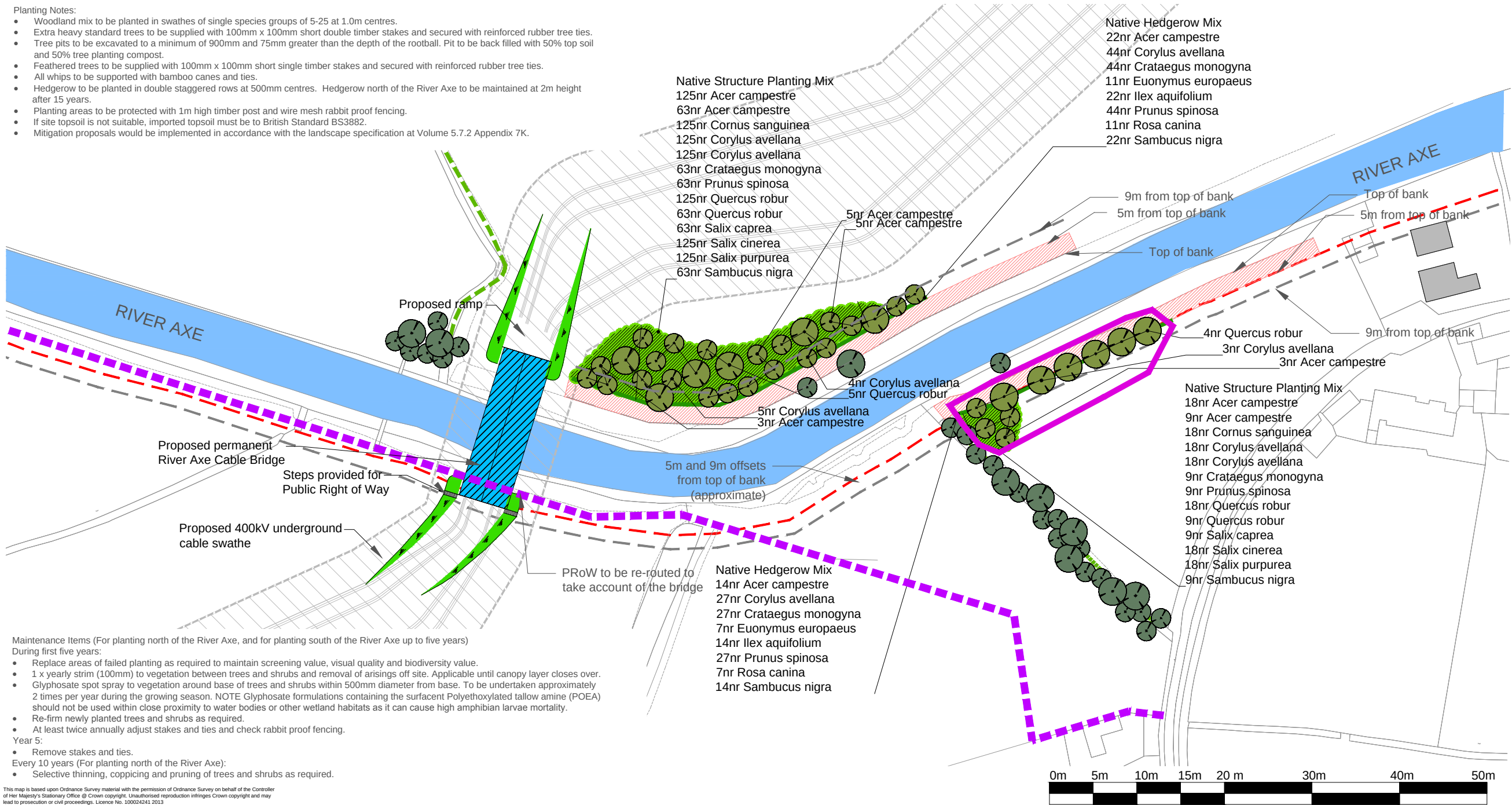
Qty	Name	Age	Height	Form	ClrStm	Brks	Root	Ctrs	Mix %
36	Acer campestre	2x	125-150cm	Feathered		3	BR (Bare Root)	0.500	10.00
71	Corylus avellana	1+2 or 1/2	60-80cm				BR (Bare Root)	0.500	20.00
71	Crataegus monogyna	1+1 or 1/1	60-80cm	Transplant (seed-raised)			BR (Bare Root)	0.500	20.00
18	Euonymus europaeus	1+2	60-80cm			5	BR (Bare Root)	0.500	5.00
36	Ilex aquifolium		40-60cm				BR (Bare Root)	0.500	10.00
71	Prunus spinosa	1+1 or 1/1	60-80cm			2	BR (Bare Root)	0.500	20.00
18	Rosa canina	1+1 or 1/1	60-80cm				BR (Bare Root)	0.500	5.00
36	Sambucus nigra	1+1 or 1/1	60-80cm			3	BR (Bare Root)	0.500	10.00

Native Structure Planting Mix

Qty	Name	Age	Height	Form	ClrStm	Brks	Root	Ctrs	Mix %
143	Acer campestre	1+1 or 1/1	60-80cm	Transplant			BR (Bare Root)	1.000	10.00
72	Acer campestre	2x	175-200cm	Feathered		5	BR (Bare Root)	1.000	5.00
143	Cornus sanguinea	1+2	60-80cm			4	BR (Bare Root)	1.000	10.00
143	Corylus avellana	0/1	175-200cm	Feathered			BR (Bare Root)	1.000	10.00
143	Corylus avellana	1+2 or 1/2	60-80cm				BR (Bare Root)	1.000	10.00
72	Crataegus monogyna	2x	125-150cm				BR (Bare Root)	1.000	5.00
72	Prunus spinosa	1+1 or 1/1	60-80cm			2	BR (Bare Root)	1.000	5.00
143	Quercus robur	1+0 or 1/0	60-80cm	Transplant (seed-raised)			BR (Bare Root)	1.000	10.00
72	Quercus robur	2x	175-200cm	Feathered			BR (Bare Root)	1.000	5.00
72	Salix caprea	0/1	60-80cm			2	BR (Bare Root)	1.000	5.00
143	Salix cinerea	0/1	60-80cm			2	BR (Bare Root)	1.000	10.00
143	Salix purpurea	0/1	60-80cm				BR (Bare Root)	1.000	10.00
72	Sambucus nigra	1+1 or 1/1	60-80cm			3	BR (Bare Root)	1.000	5.00

Planting Notes:

- Woodland mix to be planted in swathes of single species groups of 5-25 at 1.0m centres.
- Extra heavy standard trees to be supplied with 100mm x 100mm short double timber stakes and secured with reinforced rubber tree ties.
- Tree pits to be excavated to a minimum of 900mm and 75mm greater than the depth of the rootball. Pit to be back filled with 50% top soil and 50% tree planting compost.
- Feathered trees to be supplied with 100mm x 100mm short single timber stakes and secured with reinforced rubber tree ties.
- All whips to be supported with bamboo canes and ties.
- Hedgerow to be planted in double staggered rows at 500mm centres. Hedgerow north of the River Axe to be maintained at 2m height after 15 years.
- Planting areas to be protected with 1m high timber post and wire mesh rabbit proof fencing.
- If site topsoil is not suitable, imported topsoil must be to British Standard BS3882.
- Mitigation proposals would be implemented in accordance with the landscape specification at Volume 5.7.2 Appendix 7K.



Maintenance Items (For planting north of the River Axe, and for planting south of the River Axe up to five years)

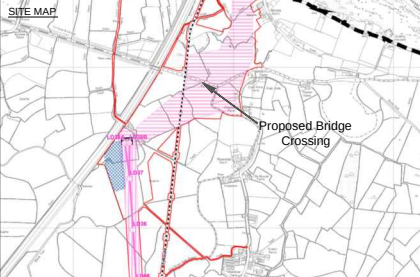
During first five years:

- Replace areas of failed planting as required to maintain screening value, visual quality and biodiversity value.
- 1 x yearly strim (100mm) to vegetation between trees and shrubs and removal of arisings off site. Applicable until canopy layer closes over.
- Glyphosate spot spray to vegetation around base of trees and shrubs within 500mm diameter from base. To be undertaken approximately 2 times per year during the growing season. NOTE Glyphosate formulations containing the surfactant Polyethoxylated tallow amine (POEA) should not be used within close proximity to water bodies or other wetland habitats as it can cause high amphibian larvae mortality.
- Re-firm newly planted trees and shrubs as required.
- At least twice annually adjust stakes and ties and check rabbit proof fencing.

Year 5:

- Remove stakes and ties.
- Every 10 years (For planting north of the River Axe):
- Selective thinning, coppicing and pruning of trees and shrubs as required.

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241, 2013
COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC



Key

- Properties
- Public Right of Way (approximate route)
- Existing Hedgerow to be Retained
- Proposed
- Existing Trees
- 5m from top of bank (approximate) to maintain EA access
- 9m from top of bank (approximate)
- Native Tree Planting
- Native Structure Planting
- Native Hedgerow

Implementation Feb/March 2016
This planting will be implemented following the start of the works on the South of Mendip Hills CSE Compound and underground cable route (between the CSE and Towerhead Road).

Notes:

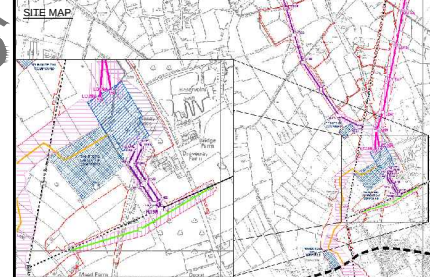
- Planting shown would be implemented if a cables bridge is constructed in the location shown. The cables bridge is the preferred installation option for the proposed underground cables in this location. Horizontal Directional Drilling (HDD) is also an option. The Limits of Deviation (LoD) for the proposed 400kV underground cables also includes a wider extent of the River Axe so the cables crossing (location and option i.e. cables bridge or HDD) would be determined with the contractor within the LoD. Proposed planting would be reviewed to take account of this.
- Phasing shown is based on the revised construction programme. If the programme changes, the phasing would be adjusted accordingly.
- Refer to Volume 5.25B: Off-Site Planting and Enhancement Scheme (OSPES) for landscape proposals in the wider landscape.

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	10/03/2014	DCO SUBMISSION	OD	LH	LH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
RIVER AXE CABLE BRIDGE OPTION
LANDSCAPE MITIGATION AND
DETAILED PLANTING PLAN

nationalgrid			CAD	
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			A3	
NG INVESTMENT No.	APPLICATION No.			
20897	EN020001			
FIGURE No.	DRAWING No.		SCALE	
7.34.1	D1979.25.017E		1:1,250	
SHEET 1 of 1			ISSUE	
			B	

Figure 7.35 – Sandford 400kV/132kV Substation - Landscape Mitigation Phasing and Detailed Planting Plans



Key

- | | |
|---|--|
|  | Order Limits |
|  | Properties |
|  | Strawberry Line Long Distance Route and Cycle Route |
|  | Existing Rhyne to be Retained |
|  | Existing Rhyne to be Retained and Diverted |
|  | Existing Hedgerow to be Retained and if Required Gapped up with Additional Planting |
|  | Existing Trees |
|  | Existing Orchard Tree Planting |
| Proposed | |
|  | Diverted Rhyne with Aquatic Planting |
|  | Attenuation Pond with Marginal Aquatic Planting |
|  | Meadow Grassland (of Regional Provenance) |
|  | Orchard Tree Planting |
|  | Native Tree Planting |
|  | Pollarded Willows (<i>Salix Alba</i>) |
|  | Native Structure Planting |
|  | Native Hedgerow |
|  | Future Reinstatement of the Strawberry Line Long Distance Route (3m wide surfaced footpath cycleway) |
|  | Future Access Road and Public Car Park with 10 Parking Spaces |
|  | Timber Post and 4 Rail Fencing |
|  | 3.6m Wide Lockable Single Metal 5 Bar Field Gate and Pedestrian A Frame Gate |

B	01/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH	
A	07/03/2014	DCO SUBMISSION	OD	NH	NH	
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D	

Title
NATIONAL GRID (HINKLEY POINT C
CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A

SANDFORD 400kV/132kV SUBSTATION LANDSCAPE MITIGATION



National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	APPLICATION No.	CAD A3
20897	EN020001	
FIGURE No.	FIGURE No.	SCALE
7.35.1	D1979.25.001P	see scale bar
SHEET 1 of 1		ISSUE B

Planting Notes:

- Woodland mix to be planted in swathes of single species groups of 5-25 at 1.0m centres.
- Extra heavy standard trees to be supplied with 100mm x 100mm short double timber stakes and secured with reinforced rubber tree ties.
- Feathered trees to be supplied with 100mm x 100mm short single timber stakes and secured with reinforced rubber tree ties.
- Tree pits to be excavated to a minimum of 900mm and 75mm greater than the depth of the rootball. Pit to be back filled with 50% top soil and 50% tree planting compost.
- All whips to be supported with bamboo canes and ties.
- Wildflower meadow should be planted with species appropriate to the local area - suitable seed mixes can be sourced from Emorsgate Seeds
- Planting areas to be protected with 1m high timber post and wire mesh rabbit proof fencing.
- If site topsoil is not suitable, imported topsoil must be to British Standard BS3882.
- Mitigation proposals should be implemented in accordance with the landscape specification at Volume 5.7.2 Appendix 7K

Maintenance Items:

During first five years:

- Replace areas of failed planting as required to maintain screening value, visual quality and biodiversity value.
 - 1 x yearly strim (100mm) to vegetation between trees and shrubs and removal of arisings off site. Applicable until canopy layer closes over.
 - Glyphosate spot spray to vegetation around base of trees and shrubs within 500mm diameter from base. To be undertaken approximately 2 times per year during the growing season. NOTE Glyphosate formulations containing the surfactant Polyethoxylated tallow amine (POEA) should not be used within close proximity to water bodies or other wetland habitats as it can cause high amphibian larvae mortality.
 - Re-firm newly planted trees and shrubs as required.
 - At least twice annually adjust stakes and ties and check rabbit proof fencing.
- Year 5:**
- Remove stakes and ties.
- Every 10 years:**
- Selective thinning, coppicing and pruning of trees and shrubs as required.



Pollarded willows (*Salix alba*)

Salix alba (Pollarded) Age: 4x H:min 450cm Girth:20-25cm Root Condition:RB



Orchard tree planting

Orchard tree planting
Orchards to be a tall growing variety and to be planted at spacings of 10m between rows and 8m between trees
Orchard planting and management to be in accordance with Natural England - Technical Information Notes - Traditional Orchards
Detailed design and management of orchard to be agreed



Native tree planting

Native tree planting

Corylus avellana Age: 2x H: 400-450cm Girth: 16-18cm Root Condition: RB
8m after 15 Years

Acer campestre Age: 3x H: 425-600cm Girth: 14-16cm Root Condition: RB
8m after 15 Years

Quercus robur Age: 3x H: 425-600cm Girth: 14-16cm Root Condition: RB
7m after 15 Years



Native structure planting

Native structure planting mix

10% *Acer campestre* H: 60-80cm (B), 8m after 15 years
 5% *Acer campestre* H: 175-200cm feathered (B), 8m after 15 years
 10% *Cornus sanguinea* H:60-80cm (B), 6m after 15 years
 5% *Crataegus monogyna* H:125-150cm (B), 4m after 15 years
 10% *Corylus avellana* H: 60-80cm (B), 10m after 15 years
 10% *Corylus avellana* H: 175-200cm feathered (B), 10m after 15 years
 10% *Salix purpurea* H:60-80cm (B), 8-10m after 15 years
 10% *Salix cinerea* H:60-80cm (B), 8-10m after 15 years
 5% *Salix caprea* H:60-80cm (B), 8-10m after 15 years
 5% *Prunus spinosa* H: 60-80cm (B), 4m after 15 years
 10% *Quercus robur* H:60-80cm (B), 7m after 15 years
 5% *Quercus robur* H:175-200cm feathered (B), 7m after 15 years
 5% *Sambucus nigra* H: 60-80cm (B), 5m after 15 years



Native hedgerow



Rhyne planting

Native hedgerow mix

10% *Acer campestre* H: 125-150cm (B)
20% *Corylus avellana* H: 60-80cm (B)
20% *Cataegus monogyna* H: 60-80cm (B)
5% *Euonymus europaeus* H: 60-80cm (B)
10% *Ilex aquifolium* H: 40-60cm (C)
20% *Prunus spinosa* H: 60-80cm (B)
5% *Rosa canina* H: 60-80cm (B)
10% *Sambucus nigra* H: 60-80cm (B)

To be planted in double staggered rows at 500mm centres. Would be maintained at 2m height after 15 years



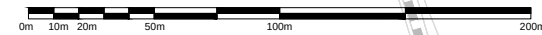
Marginal Aquatic Planting to attenuation pond

Agrostis stolonifera
Alisma plantago-aquaticum
Berula erecta
Epilobium hirsutum
Glyceria fluitans
Iris pseudacorus
Juncus effusus
Juncus inflexus
Lycopus europaeus
Persicaria amphibia
Ranunculus scleratus
Solanum dulcamara
Veronica beccabunga

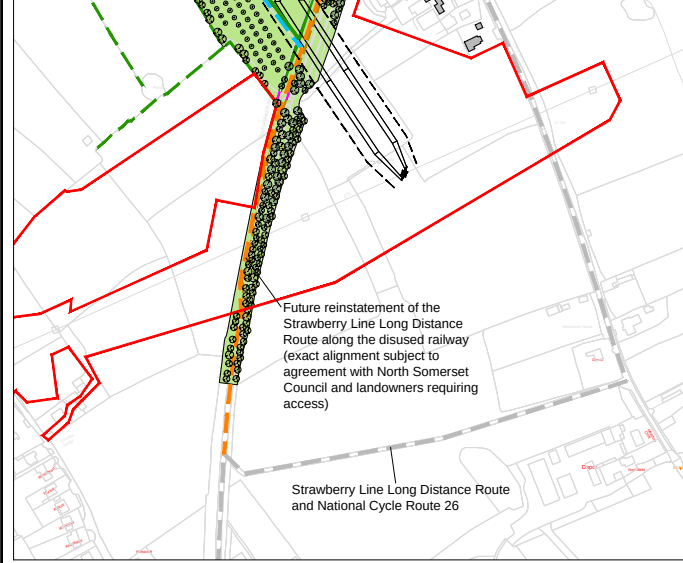
Creeping Bent
Water-plantain
Lesser Water-parsnip
Great Willowherb
Floating Sweet-grass
Yellow Flag Iris
Soft Rush
Hard Rush
Gypsywort
Ambiphus Bistort
Celery-leaved Buttercup
Bittersweet
Brooklime

^m To be planted in species groups of 5nr to 10nr plants at 4 per m²

Note:
Refer to Volume 5.25B: Off-Site Planting and Enhancement Scheme (OSPES) for landscape proposals in the wider landscape



Inset 1 - Strawberry Line Connection



Full Planting Schedule

Qty	Name	Age	Height	Form	Girth	ClrStm	Brks	Root	Ctrs
128	Acer campestre	3x	425-600cm	Extra-heavy Standard	14-16cm	min 200cm	7	RB (Rootball ed)	1.000
131	Corylus avellana	2x	400-450cm	Standard (Extra heavy)	16-18cm		2	RB (Rootball ed)	1.000
55	Malus domestica 'Chisel Jersey'	2x	250-300	Standard (Standard)	10-12cm	175-200cm		BR (Bare Root)	1.000
68	Malus domestica 'Kingston Black'	2x	250-300	Standard (Standard)	10-12cm	175-200cm		BR (Bare Root)	1.000
64	Malus domestica 'Somerset Redstreak'	2x	250-300	Standard (Standard)	10-12cm	175-200cm		BR (Bare Root)	1.000
10	Malus 'Golden Hornet'		250-300cm	Standard (Standard)	10-12cm	175-200cm		BR (Bare Root)	1.000
9	Malus 'John Downie'	2x	250-300cm	Standard (Standard)	10-12cm	175-200cm	5	BR (Bare Root)	1.000
9	Malus 'Profusion'	2x	250-300cm	Standard (Standard)	10-12cm	175-200cm		BR (Bare Root)	1.000
132	Quercus robur	3x	425-600cm	Standard (Extra heavy)	14-16cm	175-200cm		RB (Rootball ed)	1.000
8	Salix alba (Pollarded)	4x	min 450cm		20-25cm	125-150cm		RB (Rootball ed)	1.000

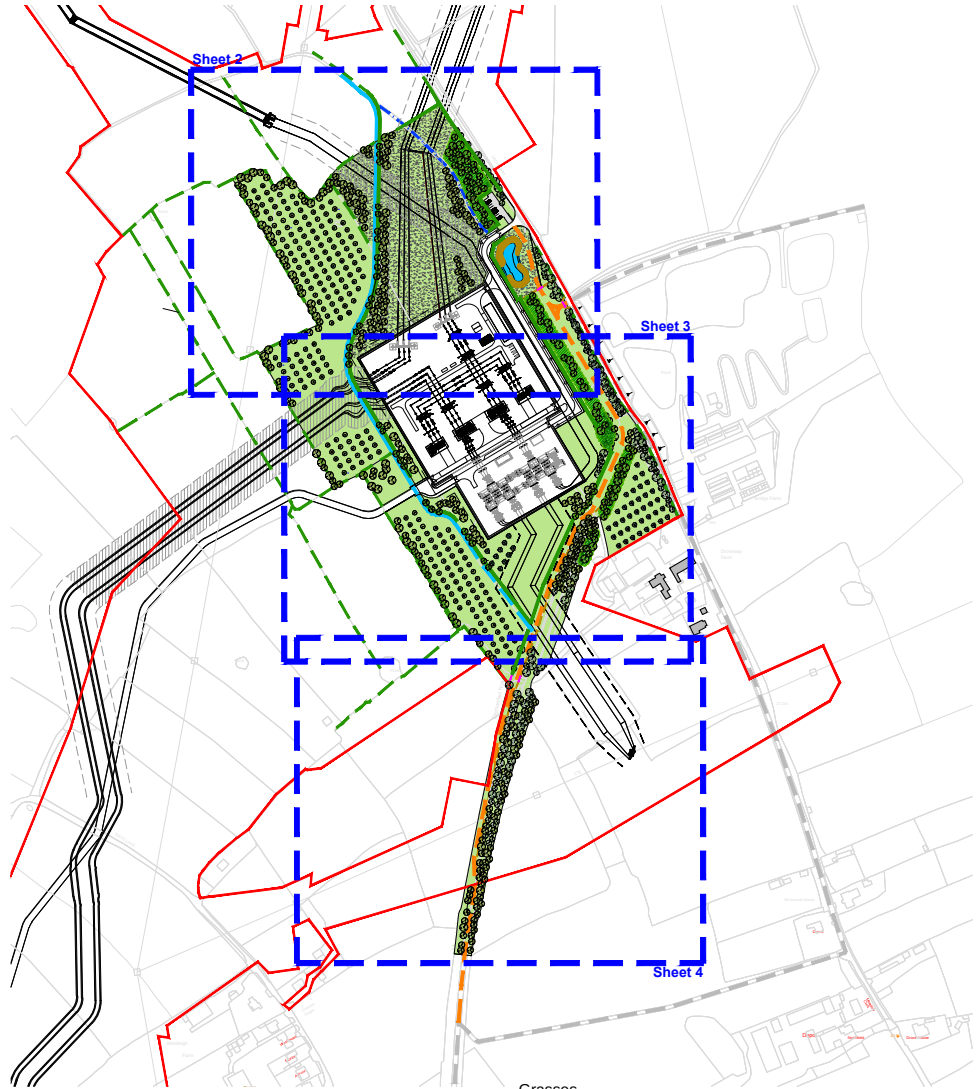
Native Hedgerow Mix - To be planted in single species groups of 5 - 20 nr in a staggered row

Qty	Name	Age	Height	Form	Girth	ClrStm	Brks	Root	Ctrs
267	Acer campestre	2x	125-150cm	Feathered			3	BR (Bare Root)	0.500
537	Corylus avellana	1+2 or 1/2	60-80cm					BR (Bare Root)	0.500
537	Crataegus monogyna	1+1 or 1/1	60-80cm	Transplant (seed-raised)				BR (Bare Root)	0.500
135	Euonymus europaeus	1+2	60-80cm				5	BR (Bare Root)	0.500
267	Ilex aquifolium		40-60cm					BR (Bare Root)	0.500
537	Prunus spinosa	1+1 or 1/1	60-80cm				2	BR (Bare Root)	0.500
135	Rosa canina	1+1 or 1/1	60-80cm					BR (Bare Root)	0.500
267	Sambucus nigra	1+1 or 1/1	60-80cm				3	BR (Bare Root)	0.500

Native Structure Planting Mix- To be planted in single species groups of 10 - 30nr

Qty	Name	Age	Height	Form	Girth	ClrStm	Brks	Root	Ctrs
527	Acer campestre	1+1 or 1/1	60-80cm	Transplant				BR (Bare Root)	1.000
263	Acer campestre	2x	175-200cm	Feathered			5	BR (Bare Root)	1.000
527	Cornus sanguinea	1+2	60-80cm				4	BR (Bare Root)	1.000
527	Corylus avellana	0/1	175-200cm	Feathered				BR (Bare Root)	1.000
527	Corylus avellana	1+2 or 1/2	60-80cm					BR (Bare Root)	1.000
263	Crataegus monogyna	2x	125-150cm					BR (Bare Root)	1.000
263	Prunus spinosa	1+1 or 1/1	60-80cm				2	BR (Bare Root)	1.000
527	Quercus robur	1+0 or 1/0	60-80cm	Transplant (seed-raised)				BR (Bare Root)	1.000
263	Quercus robur	2x	175-200cm	Feathered				BR (Bare Root)	1.000
263	Salix caprea	0/1	60-80cm				2	BR (Bare Root)	1.000
527	Salix cinerea	0/1	60-80cm				2	BR (Bare Root)	1.000
527	Salix purpurea	0/1	60-80cm					BR (Bare Root)	1.000
263	Sambucus nigra	1+1 or 1/1	60-80cm				3	BR (Bare Root)	1.000

Overview



Meadow Planting Seed Mix

Supplier - Emorsgate Seeds
Product - EM18 - St Catherine Mixture (Limestone Grassland)
Sowing Rate - 16kg/acre

Wildflowers
2% *Centaurea nigra*
3% *Hypochaeris radicata*
5.5% *Leontodon hispidus*
4.5% *Leucanthemum vulgare*
1.2% *Lotus corniculatus*
2% *Medicago lupulina*
2.5% *Plantago lanceolata*
0.8% *Primula veris*
1% *Prunella vulgaris*
3% *Ranunculus acris*
0.6% *Ranunculus bulbosus*
8.5% *Rhisanthus minor*
0.4% *Tragopogon pratensis*
2.4% *Trifolium pratense*

Common Knapweed
Catsear
Rough Hawkbit
Oxeye Daisy
Birdsfoot Trefoil
Black Medick
Ribwort Plantain
Cowslip
Selfheal
Meadow Buttercup
Bulbous Buttercup
Yellow Rattle
Goat's-beard
Wild Red Clover

Grasses
5% *Anthoxanthum odoratum*
10.2% *Briza media*
12.6% *Bromopsis erecta*
8.3% *Carex flacca*
8% *Cynosurus cristatus*
2% *Dactylis glomerata*
3% *Festuca rubra*
1% *Holcus lanatus*
5% *Lolium perenne*

Sweet Vernal-grass
Quaking Grass
Upright Brome
Glaucous Sedge
Crested Dogstail
Cocksfoot
Red Fescue
Yorkshire Fog
Perennial Ryegrass

Marginal Aquatic Planting Mix

5% Ceratophyllum demersum
5% Agrostis stolonifera
5% Alisma plantago-aquatilis
10% Berula erecta
5% Epilobium hirsutum
10% Glyceria fluitans
5% Iris pseudacorus
10% Juncus effusus
15% Juncus inflexus
5% Lycopus europaeus
10% Persicaria amphibia
5% Ranunculus sceleratus
1.5% Solanum dulcamara
5% Veronica beccabunga

Rigid Hornwort
Creeping Bent
Water-plantain
Lesser Water-parsnip
Great Willowherb
Floating Sweet-grass
Yellow Flag Iris
Soft Rush
Hard Rush
Gypsywort
Amphibious Bistort
Celery-leaved Buttercup
Bittersweet
Brooklime

To be planted in species groups of 5nr to 10nr plants at 4 per m2

3m wide Footpath Cycleway construction detail
Scale 1:50

Cross Fall - Cambers to be used on flat poorly drained areas 1:20

Filling - Spread and levelled layers - 50mm each thoroughly compacted

Edging - Adjacent turf rolled back to path edge

Existing ground level

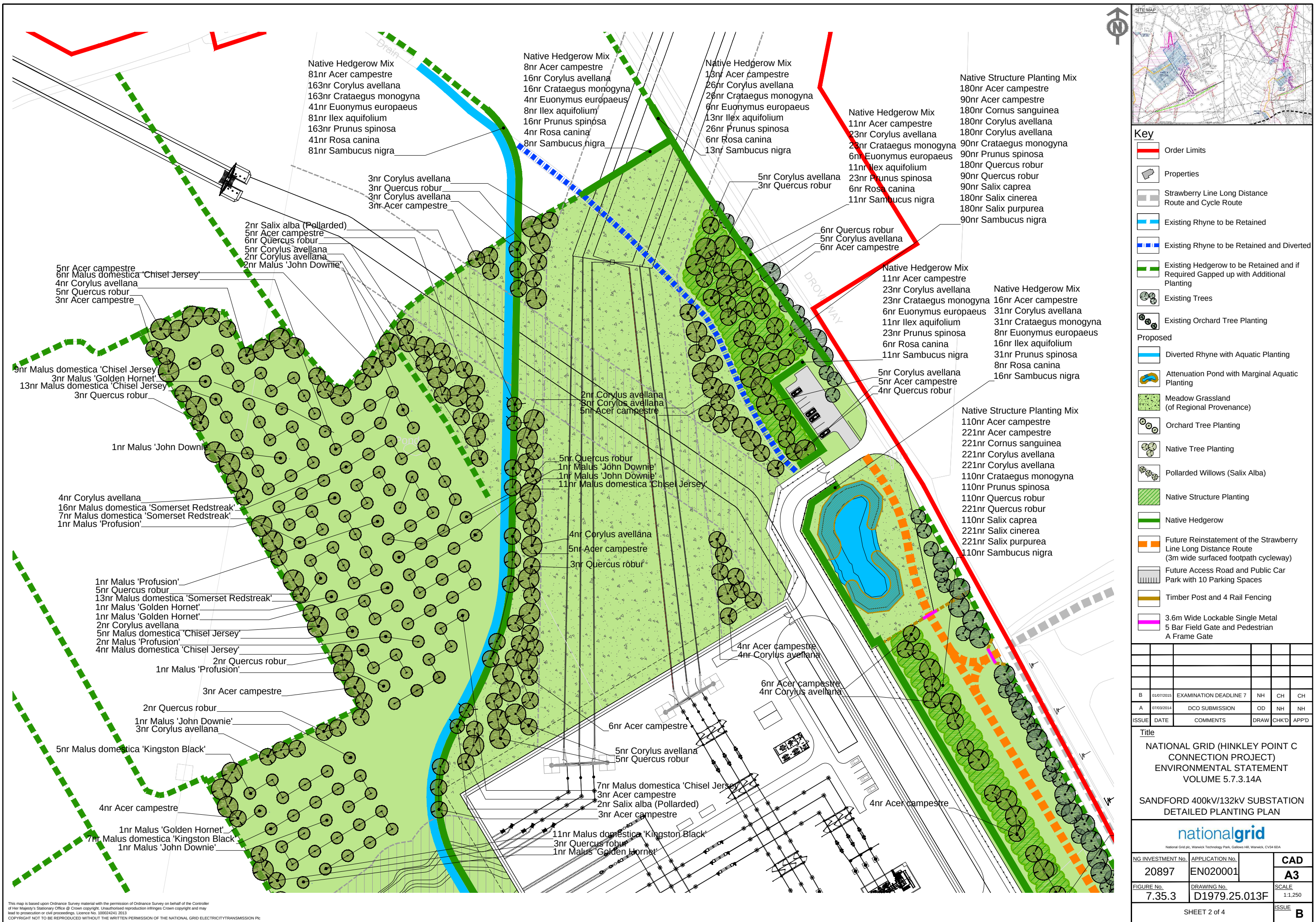
20mm wearing course limestone or similar approved, rolled compacted into stone base, 3mm to dust.

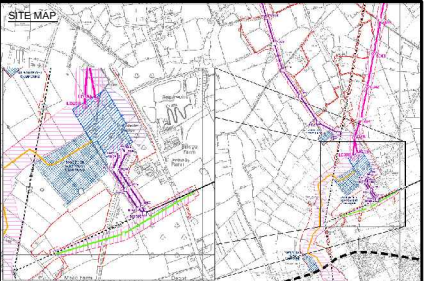
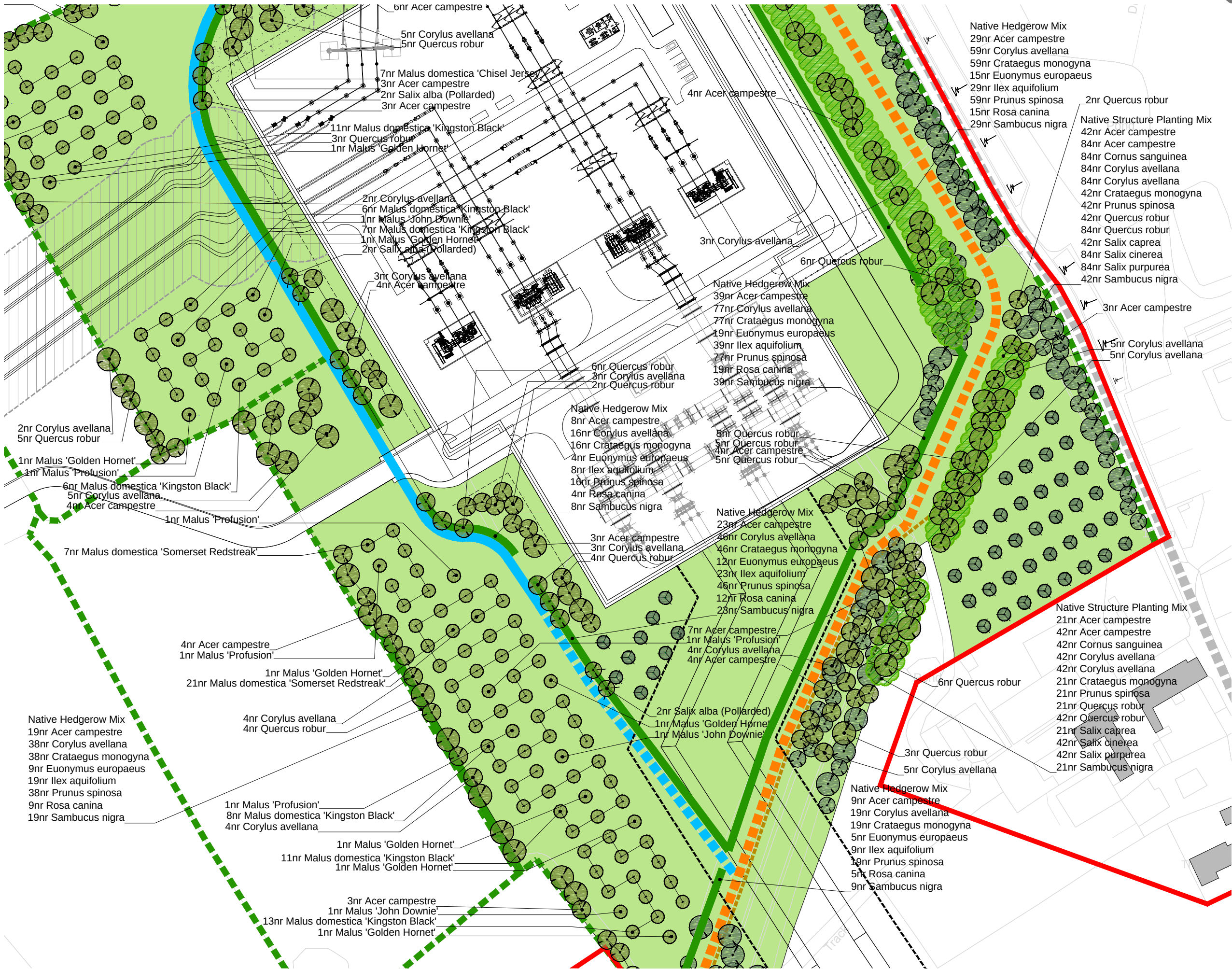
55mm of 38mm Type 1 crushed stone

150mm of Type 1 crushed stone, 75mm aggregate size

Geotextile

Graded compacted ground





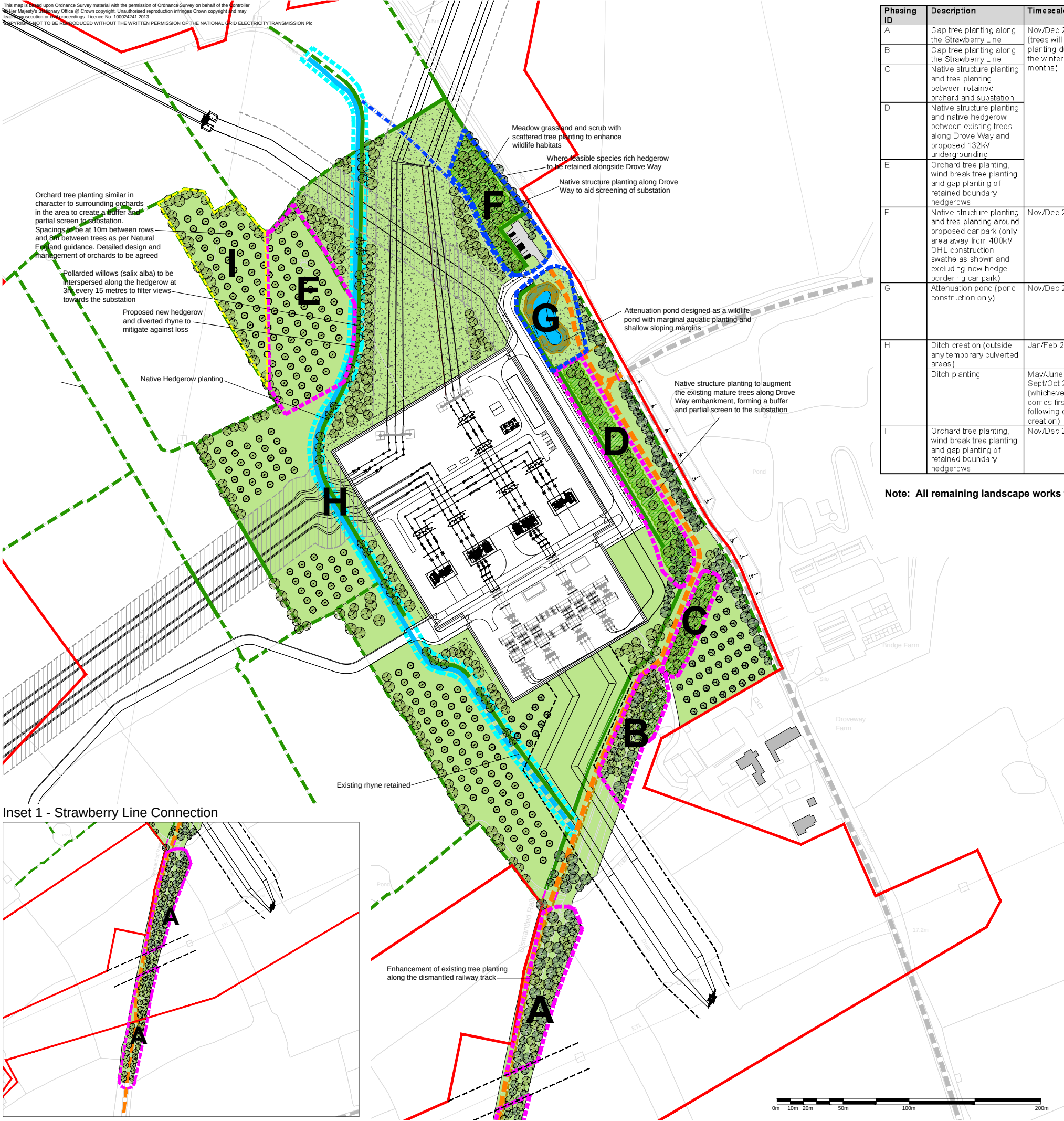
Key					
	Order Limits				
	Properties				
	Strawberry Line Long Distance Route and Cycle Route				
	Existing Rhine to be Retained				
	Existing Rhine to be Retained and Diverted				
	Existing Hedgerow to be Retained and if Required Gapped up with Additional Planting				
	Existing Trees				
	Existing Orchard Tree Planting				
Proposed					
	Diverted Rhine with Aquatic Planting				
	Attenuation Pond with Marginal Aquatic Planting				
	Meadow Grassland (of Regional Provenance)				
	Orchard Tree Planting				
	Native Tree Planting				
	Pollarded Willows (Salix Alba)				
	Native Structure Planting				
	Native Hedgerow				
	Future Reinstatement of the Strawberry Line Long Distance Route (3m wide surfaced footpath cycleway)				
	Future Access Road and Public Car Park with 10 Parking Spaces				
	Timber Post and 4 Rail Fencing				
	3.6m Wide Lockable Single Metal 5 Bar Field Gate and Pedestrian A Frame Gate				

B	01/07/2015	EXAMINATION DEADLINE 7	NH	CH	CH
A	07/03/2014	DCO SUBMISSION	OD	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title					
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.7.3.14A					
SANDFORD 400kV/132kV SUBSTATION DETAILED PLANTING PLAN					

nationalgrid					
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA					
NG INVESTMENT No.	APPLICATION No.			CAD	
20897	EN020001			A3	
FIGURE No.	DRAWING No.			SCALE	
7.35.4	D1979.25.014F			1:1,250	
SHEET 3 of 4				ISSUE	B

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller Her Majesty's Stationery Office. Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241 2013
Copyright © 2013 National Grid. All rights reserved. NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC

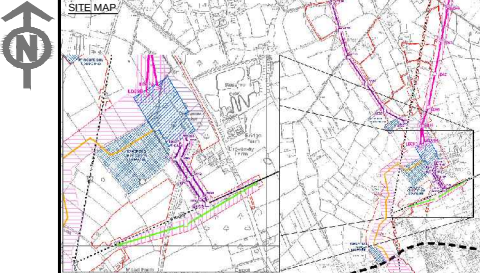


Phasing ID	Description	Timescale	Notes
A	Gap tree planting along the Strawberry Line	Nov/Dec 2017	Given the peripheral location of these areas to the Sandford Substation works this planting will be implemented following the start of works on the 400kV underground cable route (between Towerhead Rd and the substation) but prior to works commencing on the substation.
B	Gap tree planting along the Strawberry Line	(trees will be planted during the winter months)	
C	Native structure planting and tree planting between retained orchard and substation		
D	Native structure planting and native hedgerow between existing trees along Drove Way and proposed 132kV undergrounding		This area is close to the substation works and planting in this location will be implemented once works in the substation area have commenced on site.
E	Orchard tree planting, wind break tree planting and gap planting of retained boundary hedgerows	Nov/Dec 2018	
F	Native structure planting and tree planting around proposed car park (only area away from 400kV OHL construction swathe as shown and excluding new hedge bordering car park)	Nov/Dec 2018	Due to use of the attenuation pond during construction works planting of marginal aquatics, meadow grassland and hedgerow will be undertaken during a later stage of the works.
G	Attenuation pond (pond construction only)	Nov/Dec 2018	
H	Ditch creation (outside any temporary culverted areas)	Jan/Feb 2018	National Grid to confirm timescale for ditch creation.
	Ditch planting	May/June or Sept/Oct 2019 (whichever comes first following ditch creation)	
I	Orchard tree planting, wind break tree planting and gap planting of retained boundary hedgerows	Nov/Dec 2020	Planting will be undertaken once the F route Removal and AT Route access is no longer needed.

Note: All remaining landscape works to be undertaken Nov/Dec 2021

Phasing Key

A	Phasing ID
Implementation Nov/Dec 2017	
Implementation Nov/Dec 2018	
Implementation of ditch and hedge Nov/Dec 2018 and rhyme planting May/June 2019 or Sept/Oct 2019	
Implementation Nov/Dec 2020	



Key

Order Limits	
Properties	
Strawberry Line Long Distance Route and Cycle Route	
Existing Rhyme to be Retained	
Existing Rhyme to be Retained and Diverted	
Existing Hedgerow to be Retained and if Required Gapped up with Additional Planting	
Existing Trees	
Existing Orchard Tree Planting	
Proposed	
Diverted Rhyme with Aquatic Planting	
Attenuation Pond with Marginal Aquatic Planting	
Meadow Grassland (of Regional Provenance)	
Orchard Tree Planting	
Native Tree Planting	
Pollarded Willows (Salix Alba)	
Native Structure Planting	
Native Hedgerow	
Potential Future Reinstatement of the Strawberry Line Long Distance Route (3m wide surfaced footpath cycleway)	
Potential Future Access Road and Public Car Park with 10 Parking Spaces	
Timber Post and 4 Rail Fencing	
3.6m Wide Lockable Single Metal 5 Bar Field Gate and Pedestrian A Frame Gate	

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A
SANDFORD 400kV/132kV SUBSTATION
LANDSCAPE MITIGATION PHASING

nationalgrid			
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			
NG INVESTMENT No.	APPLICATION No.		CAD
20897	EN020001		A3
FIGURE No.	DRAWING No.	SCALE	
7.35.6	D1979.25.019C	see scale bar	
SHEET 1 of 1			ISSUE
			B

Notes:

This plan is replaces Volume 5.29.1.3, Figure 7.35.6.

Phasing is based on the current construction programme. If the programme changes, the phasing would be adjusted accordingly.

Refer to Volume 5.25B Off-Site Planting and Enhancement Scheme (OSPES) for landscape proposals in the wider landscape.

Figure 7.36 – Towerhead Brook Bridge - Landscape Mitigation and Detailed Planting Plan

Full Planting Schedule

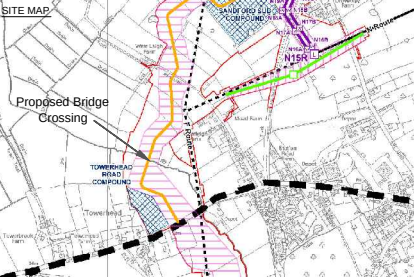
Qty	Name	Age	Height	Form	Girth	Brks	Root	Cntr	Ctrs	Mix
2	Acer campestre	3x	425-600cm	Extra-heavy Standard	14-16cm	7	RB (Rootballed)		1.000	0.00
4	Quercus robur	3x	425-600cm	Standard (Extra heavy)	14-16cm		RB (Rootballed)		1.000	0.00

Native Hedgerow Mix

Qty	Name	Age	Height	Form	Girth	Brks	Root	Cntr	Ctrs	Mix
10	Acer campestre	2x	125-150cm	Feathered		3	BR (Bare Root)		0.500	10.00
10	Cornus sanguinea	1+2	60-80cm			5	BR (Bare Root)		0.500	10.00
10	Corylus avellana	1+2 or 1/2	60-80cm				BR (Bare Root)		0.500	10.00
20	Crataegus monogyna	1+1 or 1/1	60-80cm	Transplant (seed-raised)			BR (Bare Root)		0.500	20.00
10	Prunus spinosa	1+1 or 1/1	60-80cm			2	BR (Bare Root)		0.500	10.00
5	Rosa canina	1+1 or 1/1	60-80cm				BR (Bare Root)		0.500	5.00
10	Sambucus nigra	1+1 or 1/1	60-80cm			3	BR (Bare Root)		0.500	10.00
10	Ulmus glabra		60-80cm				BR (Bare Root)		0.500	10.00
20	Ulmus procera	1+1 or 1/1	60-80cm			7	BR		0.500	20.00

- Planting Notes:
- Extra heavy standard trees to be supplied with 100mm x 100mm short double timber stakes and secured with reinforced rubber tree ties.
 - Tree pits to be excavated to a minimum of 900mm and 75mm greater than the depth of the rootball. Pit to be back filled with 50% top soil and 50% tree planting compost.
 - Feathered trees to be supplied with 100mm x 100mm short single timber stakes and secured with reinforced rubber tree ties.
 - All whips to be supported with bamboo canes and ties.
 - Hedgerow to be planted in double staggered rows at 500mm centres.
 - Planting areas to be protected with spiral rabbit guards.
 - If site topsoil is not suitable, imported topsoil must be to British Standard BS3882.
 - Mitigation proposals would be implemented in accordance with the landscape specification at Volume 5.7.2 Appendix 7K.

- Maintenance Items:
- During first five years:
- Replace areas of failed planting as required to maintain screening value, visual quality and biodiversity value.
 - 1 x yearly strim (100mm) to vegetation between trees and shrubs and removal of arisings off site. Applicable until canopy layer closes over.
 - Glyphosate spot spray to vegetation around base of trees and shrubs within 500mm diameter from base. To be undertaken approximately 2 times per year during the growing season. NOTE Glyphosate formulations containing the surfactant Polyethoxylated tallow amine (POEA) should not be used within close proximity to water bodies or other wetland habitats as it can cause high amphibian larvae mortality.
- Re-firm newly planted trees and shrubs as required.
- At least twice annually adjust stakes and ties and check rabbit proof fencing.
- Year 5:
- Remove stakes and ties.
- Every 10 years:
- Selective thinning, coppicing and pruning of trees and shrubs as required.



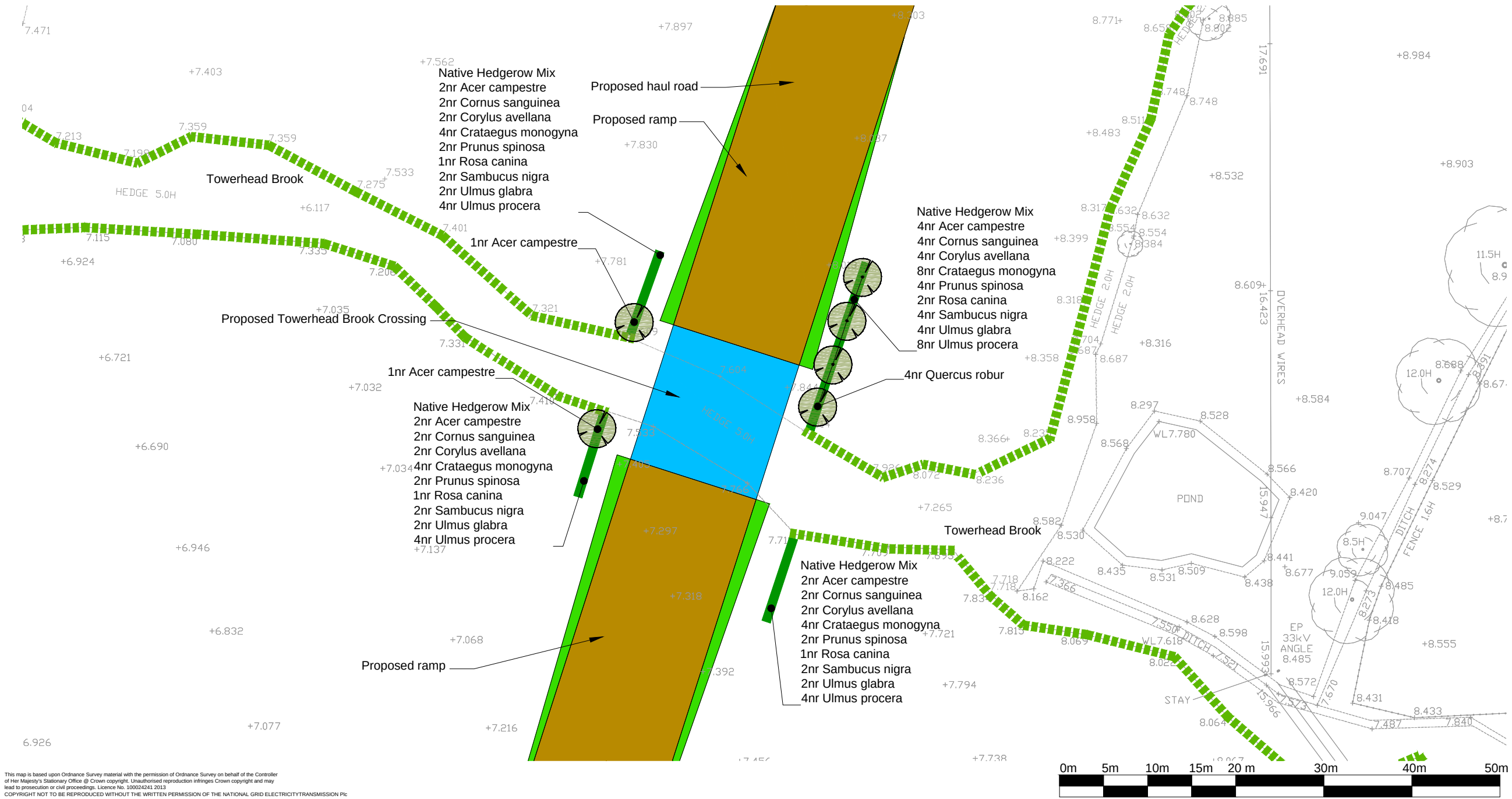
Key

- Existing Hedgerow (Hedgerow Trees not shown)
- Proposed
- Native Tree Planting
- Native Hedgerow

Note:

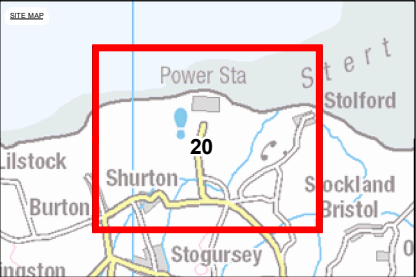
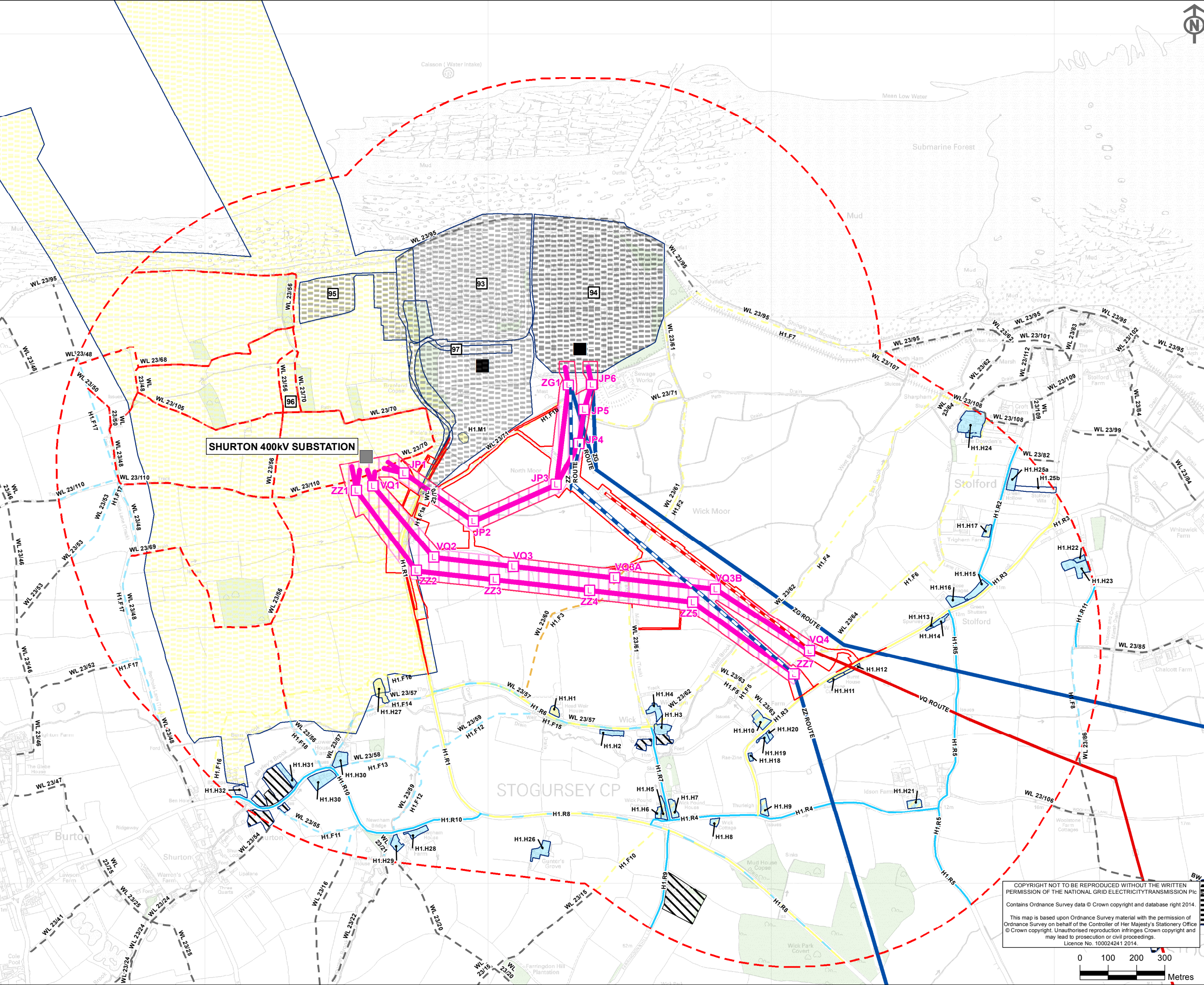
1. Refer to Volume 5.21.3B, Arboricultural Impact Assessment, Figure 21.2.23 illustrating effects on hedgerow along Towerhead Brook and on local field boundaries

2. Refer to Volume 5.25B: Off-Site Planting and Enhancement Scheme (OSPES) for landscape proposals in the wider landscape



B	06/07/2015	EXAMINATION DEADLINE 7	CH	NH	NH
A	10/03/2014	DCO SUBMISSION	OD	LH	LH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
Title					
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.7.3.14A					
TOWERHEAD BROOK BRIDGE LANDSCAPE MITIGATION AND DETAILED PLANTING PLAN					
nationalgrid					
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA					
NG INVESTMENT No.	APPLICATION No.		CAD		
20897	EN020001		A3		
FIGURE No.	DRAWING No.	SCALE			
7.36.1	D1979.25.016B	1:1,000			
SHEET 1 of 1			ISSUE		B

Figure 7.37 - Significance of Visual Effects on Receptors within 1km during Construction: Hinkley Line Entries



Key

Visual Receptor Reference Number (refer to H1.H1 Volume 5.7.2, Appendix 7A to 7G Visual Assessment Tables for further details)

Public Views

- No View (within 1km)/Beyond 1km Public Right of Way
- Closed
- Negligible
- Minor Adverse to Negligible
- Minor Adverse
- Moderate Adverse

Road Receptor

- Minor Beneficial
- Negligible
- Minor Adverse to Negligible
- Minor Adverse
- Moderate Adverse

Private & Public Views

- Negligible
- Minor Adverse to Negligible
- Minor Adverse
- Moderate Adverse

No Views

- Receptor with No View

Committed Developments

- Committed Developments Reference Number (refer to Volume 5.17.1, Table 7.17 for details of Committed Developments)
- Minor Adverse
- Not a Receptor
- Committed Development beyond 1km

Proposed Infrastructure

- Proposed 400kV Standard Lattice Pylon Position
- Proposed Route for 400kV Overhead Line
- Proposed 400/132kV Overhead Line Route LoD
- 1km from the Limits of Deviation of the Proposed Development

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 275kV Overhead Line
- Existing 400kV Overhead Line to be Removed
- Existing 275kV Overhead Line to be Removed
- Existing Substation

Consented Infrastructure

- Shurton 400kV Substation

Existing Woodland

- Existing Woodland

Notes

This map includes data from the following sources:

- National Grid
- Ordnance Survey
- Sustrans
- OS Open Data
- South Gloucestershire, North Somerset, West Somerset and Sedgemoor Definitive Maps for Public Rights of Way

A	02/05/2014	DCO SUBMISSION	JS	CB	LH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APP'D

Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A

SIGNIFICANCE OF VISUAL EFFECTS ON RECEPTORS
WITHIN 1KM DURING CONSTRUCTION

HINKLEY LINE ENTRIES

			
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			
NG INVESTMENT No.	APPLICATION No.	GIS	
20897	EN020001	A3	
FIGURE No.	DRAWING No.	SCALE	1:12,500
7.37.1	G1979.2212.E	ISSUE	
SHEET 1 of 1			A

COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION Plc.
Contains Ordnance Survey data © Crown copyright and database right 2014.

This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.
Licence No. 100024241 2014.

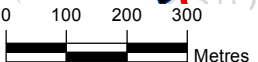
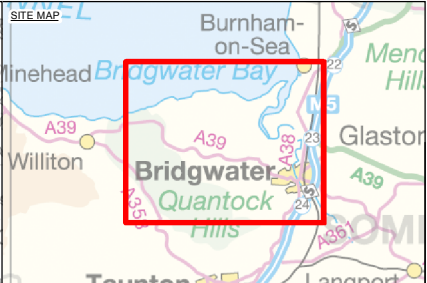
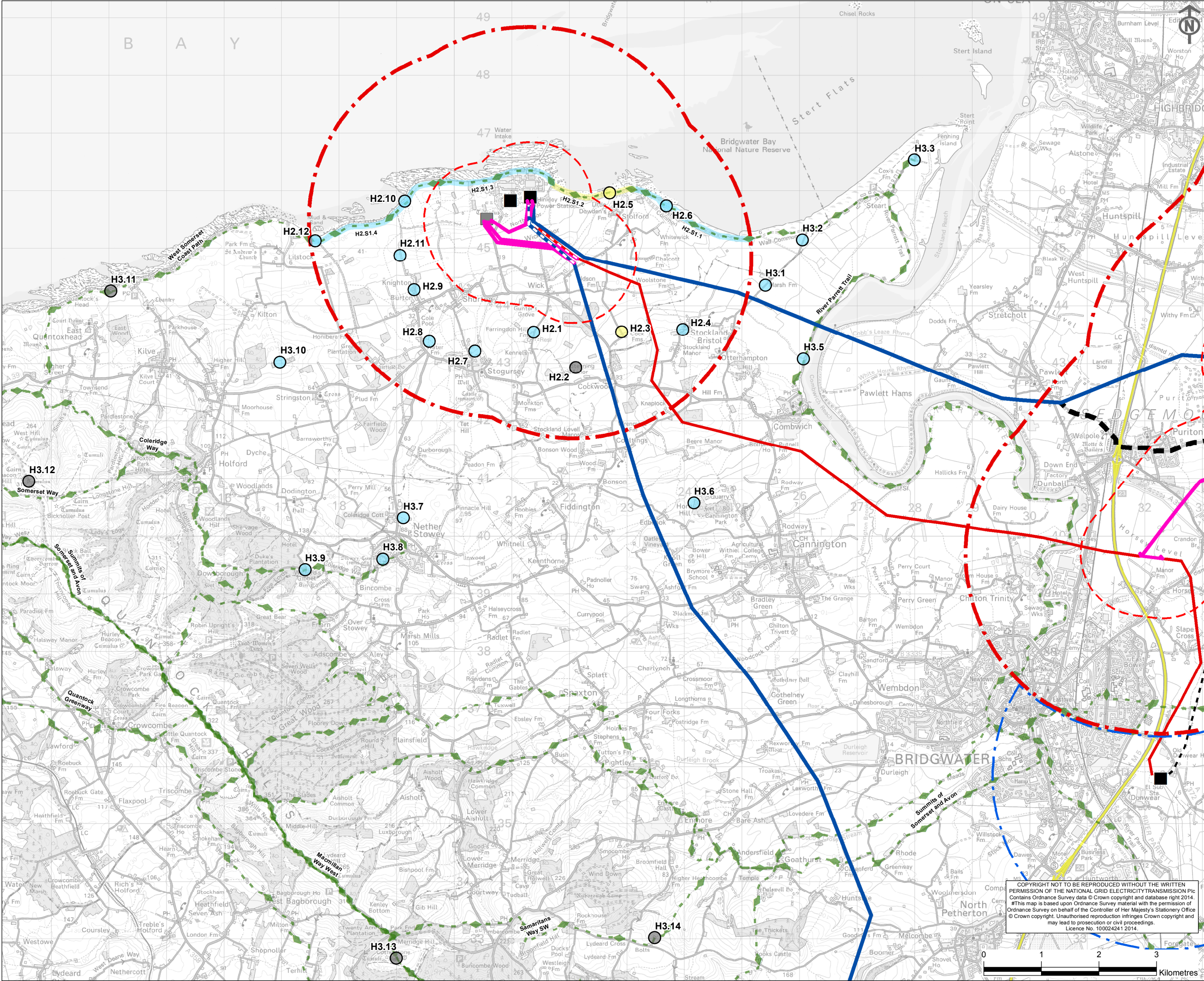


Figure 7.38 - Significance of Visual Effects on Receptors between 1 and 3km and beyond 3km during Construction: Hinkley Line Entries



Key

Significance of Visual Effects

- No Change
- Negligible
- Minor Adverse
- Negligible and No Change
- Minor Adverse
- National Long Distance Routes (PRoW)
- Footpaths of Significance Published
- M5 Motorway

Proposed Infrastructure

- Proposed Route for 400kV Overhead Line
- 1km from the Limits of Deviation of the Proposed Development
- 3km Study Area from the Limits of Deviation of the Proposed Development
- 3km Study Area from the F Route (beyond 3km from the Proposed Development to Bridgwater Substation)

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 275kV Overhead Line
- Existing Western Power Distribution Overhead Line
- Existing 400kV Overhead Line to be Removed
- Existing 275kV Overhead Line to be Removed
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Substation

Consented Infrastructure

- Shurton 400kV Substation

Section Boundary

- Section Boundary (for the purpose of Landscape and Visual Impact Assessment)

Notes

This map includes data from the following sources:

- National Grid
- Ordnance Survey
- Long Distance Walkers Association
- Substrans
- OS Open Data
- 'The Gordano Round', publication produced by North Somerset council and the Gordano Footpath Group, 2011
- 'The Naissea Round', publication produced by Naissea and District Footpath Group
- 'The Mendip Hills 8 Wild Walks', produced by the Mendip Hills AONB Service
- South Gloucestershire Council

Location of Proposed Substation and Cable Sealing End Compound Work Areas can be found in **Volume 5.3.3, Figure 3.1**

A	02/05/2014	DCO SUBMISSION	JS	CB	LH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A

SIGNIFICANCE OF VISUAL EFFECTS ON RECEPTORS BETWEEN 1 AND 3KM, BEYOND 3KM
DURING CONSTRUCTION:
HINKLEY LINE ENTRIES

nationalgrid
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	APPLICATION No.	GIS
20897	EN020001	A3
FIGURE No.	DRAWING No.	SCALE
7.38.1	G1979.2240D	1:60,000
SHEET 1 of 1		ISSUE
		A

COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION Plc. Contains Ordnance Survey data © Crown copyright and database right 2014. This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241 2014.

Figure 7.39 - Significance of Visual Effects on Receptors within 1km on Completion: Hinkley Line Entries

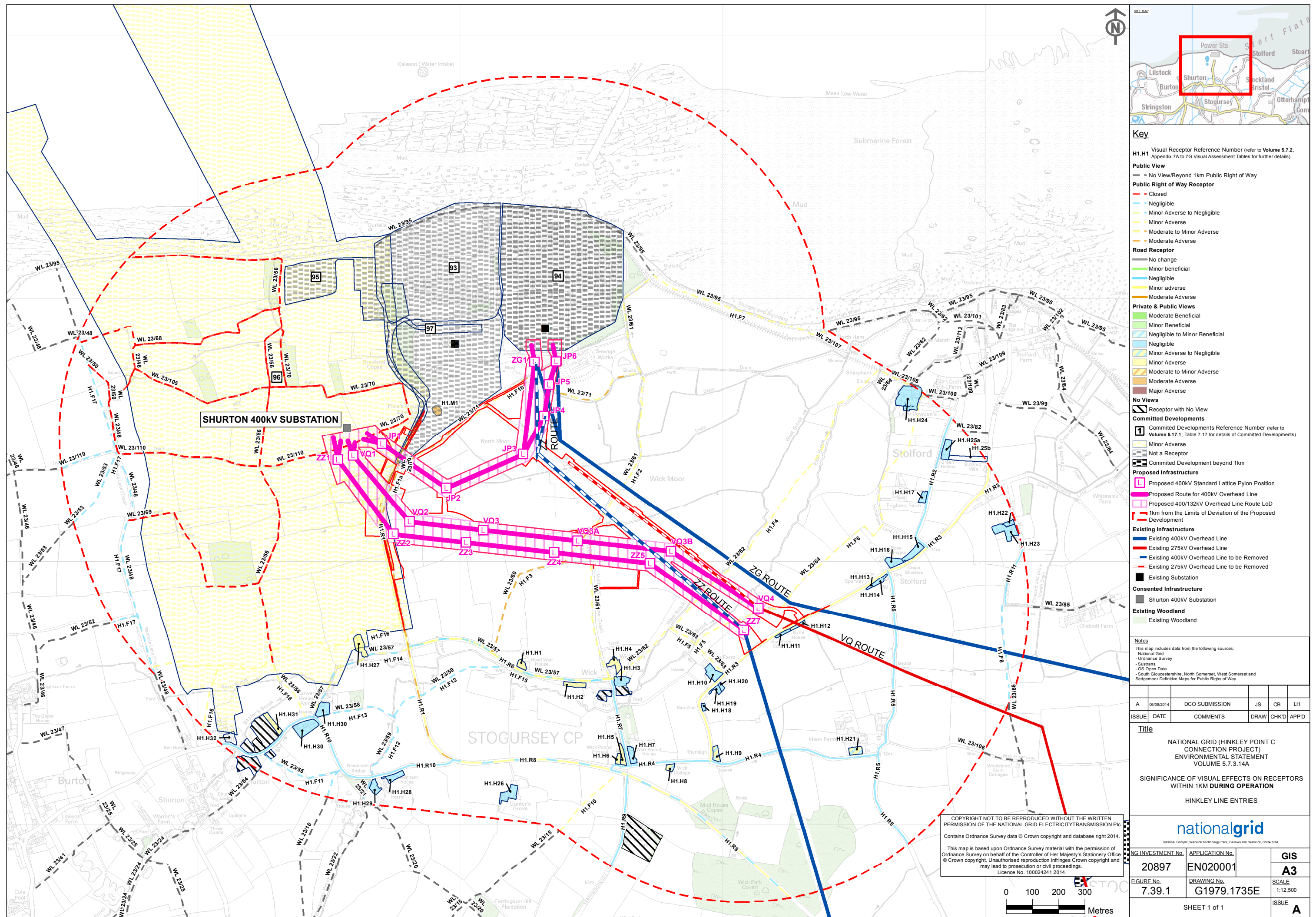
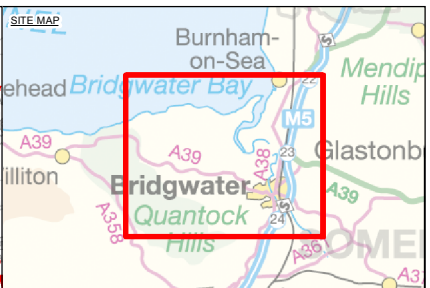
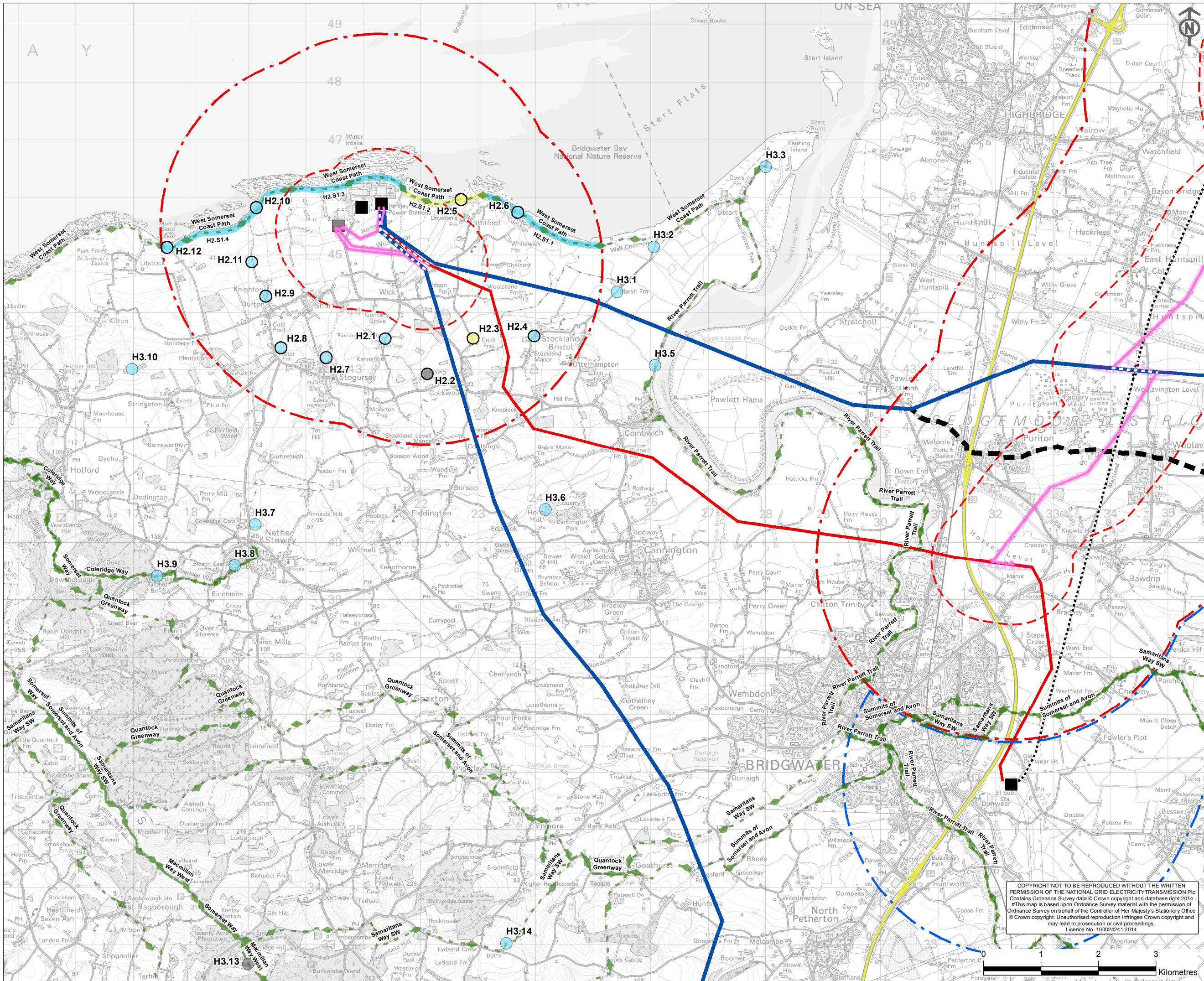


Figure 7.40 - Significance of Visual Effects on Receptors between 1 and 3km and beyond 3km on Completion: Hinkley Line Entries



Key

Significance of Visual Effects

- No Change
- Negligible
- Minor Adverse
- Negligible and No Change
- Minor Adverse
- Footpaths of Significance Published
- M5 Motorway
- Proposed Route for 400kV Overhead Line
- Proposed 400/132kV Overhead Line Route Limits of Deviation 1km from the Limits of Deviation of the Proposed Development
- 3km Study Areas from the Limits of Deviation of the Proposed Development
- 3km Study Area from the F Route (beyond 3km from the Proposed Development to Bridgwater Substation)

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 275kV Overhead Line
- Existing 400kV Overhead Line to be Removed
- Existing 275kV Overhead Line to be Removed
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Western Power Distribution Overhead Line
- Existing Substation

Consented Infrastructure

- Shurton 400kV Substation

Section Boundary

- Section Boundary (for the purpose of Landscape and Visual Impact Assessment)

Notes

This map includes data from the following sources:

- National Grid
- Ordnance Survey
- Long Distance Walkers Association
- Sustrans
- OS Open Data
- 'The Gordano Round', publication produced by North Somerset council and the Gordano Footpath Group, 2011
- 'The Nailsea Round', publication produced by Nailsea and District Footpath Group
- 'The Mendip Hills 8 Wild Walks', produced by the Mendip Hills AONB Service
- South Gloucestershire Council

Location of Proposed Substation and Cable Sealing End Compound Work Areas can be found in Volume 5.3.3, Figure 3.1

ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D
A	02/05/2014	DCO SUBMISSION	JS	CB	LH

Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.7.3.14A

SIGNIFICANCE OF VISUAL EFFECTS ON RECEPTORS BETWEEN 1 AND 3KM AND BEYOND 3KM DURING OPERATION:
HINKLEY LINE ENTRIES

 National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA					
NG INVESTMENT No.		APPLICATION No.		GIS	
20897		EN020001		A3	
FIGURE No.		DRAWING No.		SCALE	
7.40.1		G1979.2243D		1:60,000	
SHEET 1 of 1				ISSUE	
				A	

COPYRIGHT NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL GRID ELECTRICITY TRANSMISSION Plc. Contains Ordnance Survey data © Crown copyright and database right 2014. This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No. 100024241 2014.

