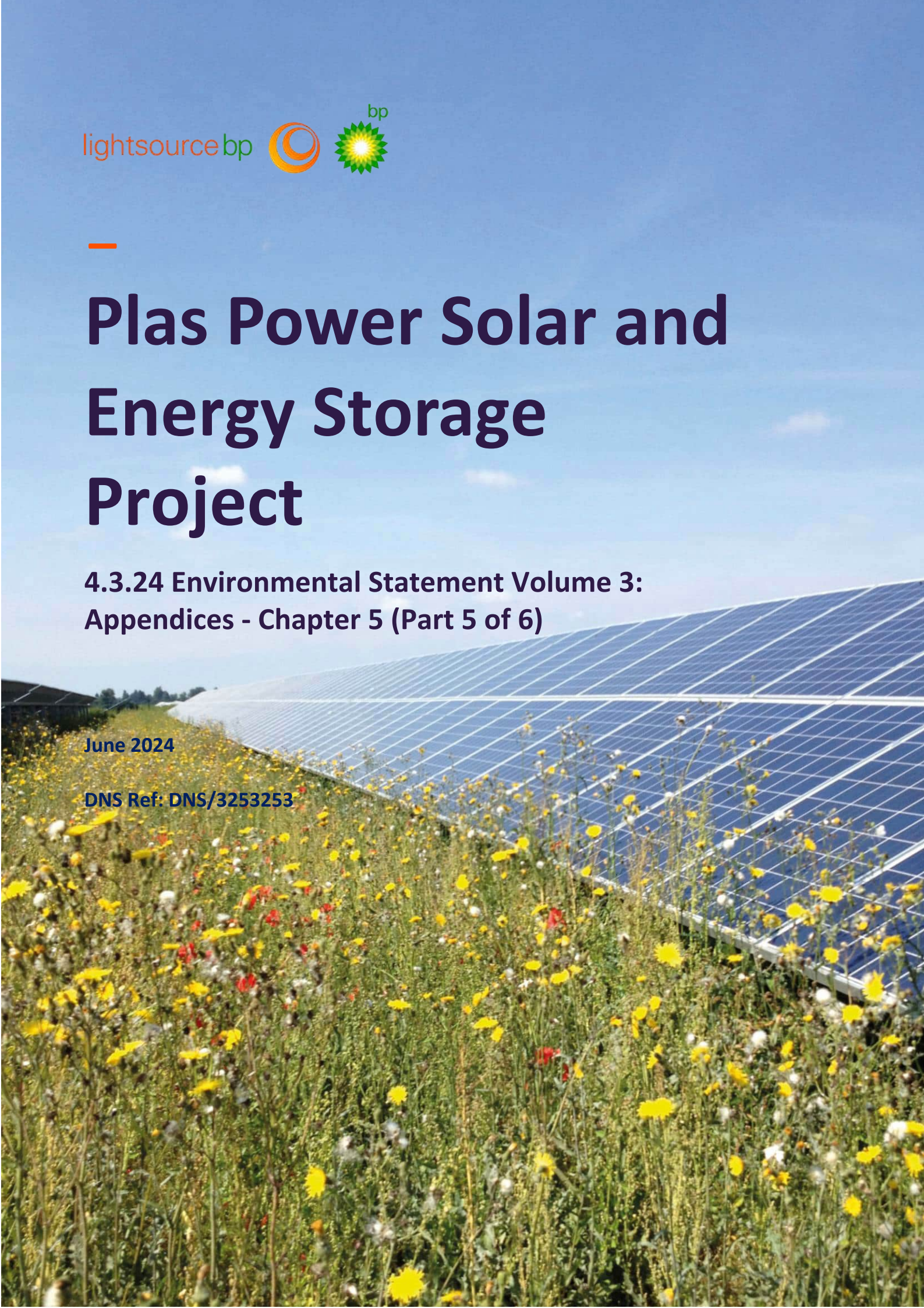
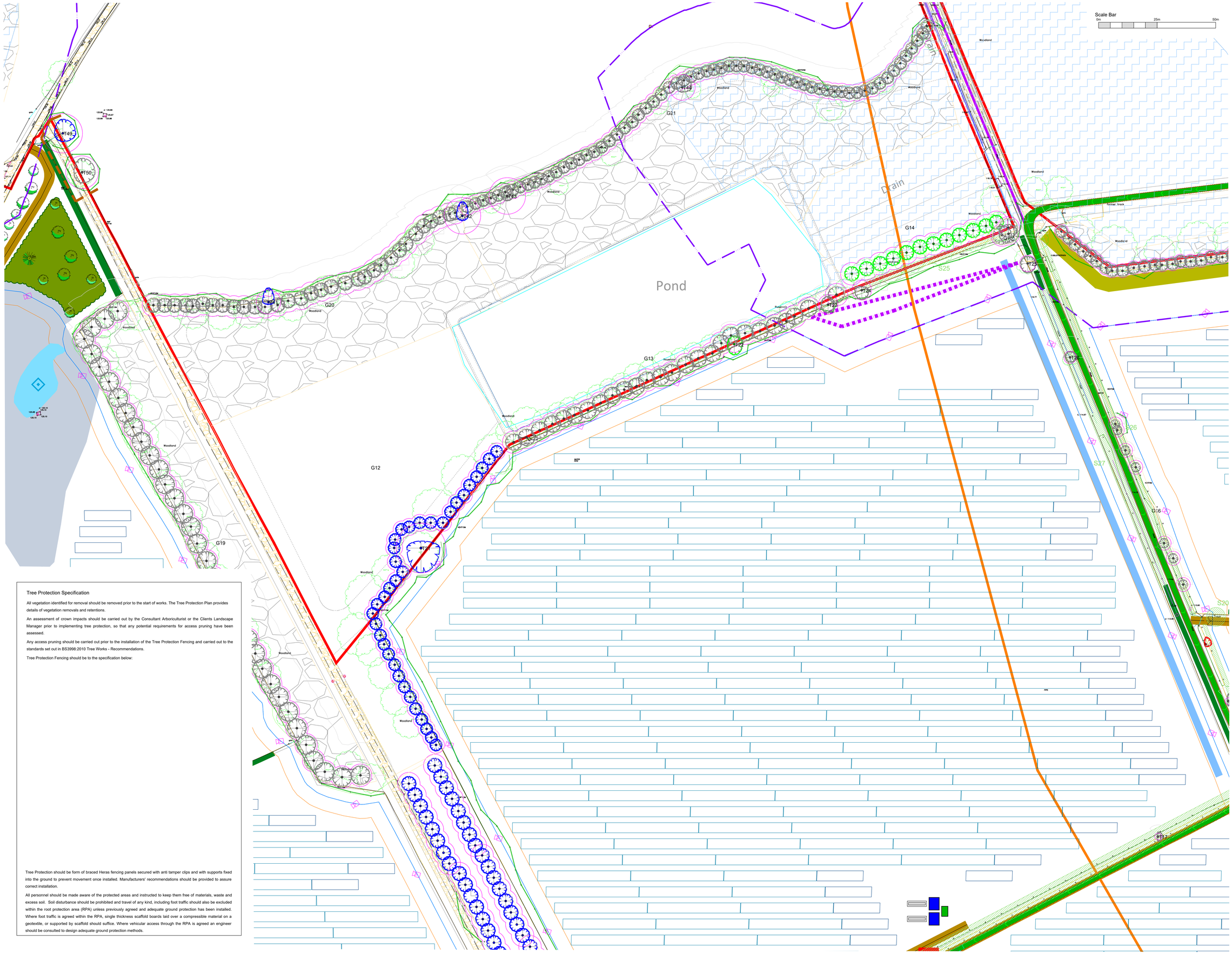


Plas Power Solar and Energy Storage Project

4.3.24 Environmental Statement Volume 3: Appendices - Chapter 5 (Part 5 of 6)

June 2024

DNS Ref: DNS/3253253



Tree Protection Specification

All vegetation identified for removal should be removed prior to the start of works. The Tree Protection Plan provides details of vegetation removals and retentions.

An assessment of crown impacts should be carried out by the Consultant Arboriculturist or the Clients Landscape Manager prior to implementing tree protection, so that any potential requirements for access pruning have been assessed.

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Key

- Site boundary.
- T1 — Tree with numbered reference. Canopy spread and BS5837:2012 tree quality category as shown below.
- G1 — Vegetation group with numbered reference. Average canopy extent and BS5837:2012 tree quality category as shown below.
- Scrub/Hedge/Shrubs/Saplings with numbered reference.

BS 5837:2012 Tree Quality Categories - Table 1

- Category A - High quality
- Category B - Moderate quality
- Category C - Low quality
- Category U - Unsuitable for retention

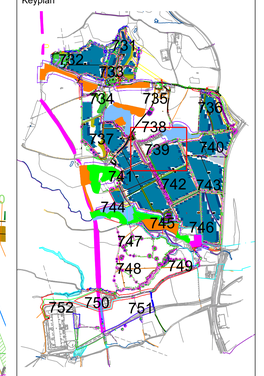
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- Plantation on Ancient Woodland Site
- Ancient semi natural woodland
- Restored ancient woodland site
- 25m Ancient Woodland Buffer
- T01 — Tree protected by Tree Preservation Order WMBC 2, 1975. Bracketed number reference relates to the TPO Schedule.
- Bersham Conservation Area. Indicative extents only.
- T1 G1 — Tree/ tree group to be removed with numbered reference. Canopy spread and BS5837:2012 tree quality category.
- Temporary protective fencing in accordance with Section 6.2 - BS5837:2012. See inset details for example details.
- Temporary protective visual barrier, hi-vis mesh fence. See inset detail for example detail.
- Site Security Fencing. MUST be installed prior to commencement of any construction phase activities.
- Surface area to be protected in accordance with Section 6.2.3 BS - 5837:2012.

NOTES:

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APN 12 -	'Through the Trees to Development'

Keyplan



Rev	Description	By	CB	Date
D	Layout updated, minor amends	JB	DC	24.05.24
C	Layout updated, minor amends	JB	DC	25.01.24
B	TPO & Conservation area added, minor amends	JB	DC	06.12.23
A	Minor Amends	JB	DC	03.11.23

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Lakesbury House, Hilltingbury Road, Chandlers Ford, Hampshire SO53 5SS

T: 02380 810 440 E: rpsso@rpsgroup.com

Client: Lightsource BP

Project: Plas Power Solar and Battery Storage

Title: Tree Protection Plan

Status	Drawn By	PM/Checked by
For Planning	SH	JB

Job Ref	Scale @ A0	Date Created
JSL3859	1:500	09/23

RPS Drawing / Figure Number: 739

Rev: D

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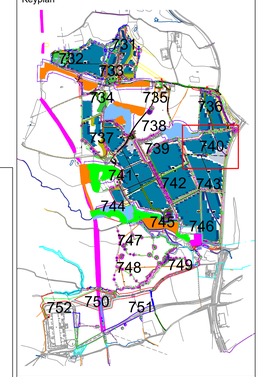
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Keyplan



Tree Protection Specification

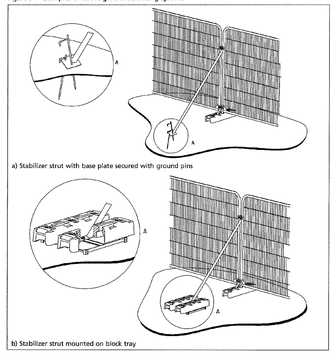
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Tree Protection Fencing should be to the specification below:

Figure 3 **Examples of above-ground stabilizing systems**



Tree Protection should be form of braced Heras fencing panels secured with anti tamper clips and with supports fixed into the ground to prevent movement once installed. Manufacturers' recommendations should be provided to assure correct installation.

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T: 02380 810 440 E: rpsso@rpsgroup.com

Client: Lightsource BP

Project: Plas Power Solar and Battery Storage

Title: Tree Protection Plan

Status	Drawn By	PM/Checked by
For Planning	SH	JB

Job Ref	Scale @ A0	Date Created
JSL3859	1:500	09/23

RPS Drawing / Figure Number: 740
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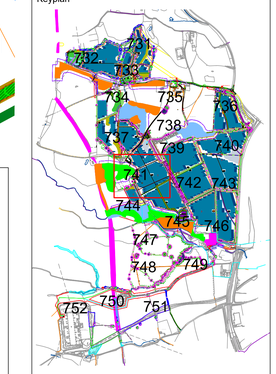
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- TPO Tree protected by Tree Preservation Order WMBC 2_1975. Bracketed number reference relates to the TPO Schedule.
- Bersham Conservation Area. Indicative extents only.
- T1 G1 Tree/ group to be removed with numbered reference. Canopy spread and BS5837:2012 tree quality category.
- TPP Temporary protective fencing in accordance with Section 6.2 - BS5837:2012. See inset details for example details.
- VTP Temporary protective visual barrier, hi-vis mesh fence. See inset detail for example detail.
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NOTES:

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Keyplan



Tree Protection Specification

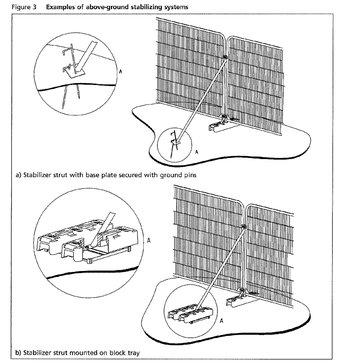
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Figure 3 **Exemples of above-ground stabilizing systems**



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T: 02380 810 440 E: rpsso@rpsgroup.com

Client: Lightsource BP

Project: Plas Power Solar and Battery Storage

Title: Tree Protection Plan

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Scale Bar

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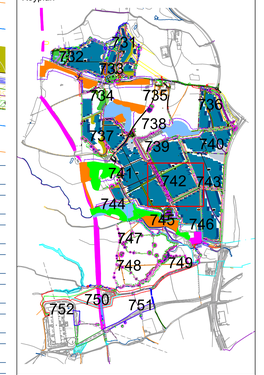
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MAKING COMPLEX EASY

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T: 02380 810 440 E: rpsso@rpsgroup.com

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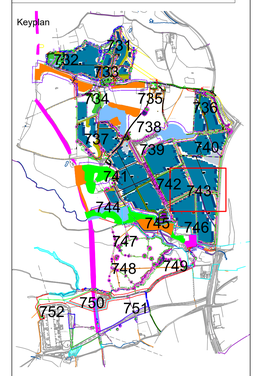
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RPS Drawing / Figure Number: 743

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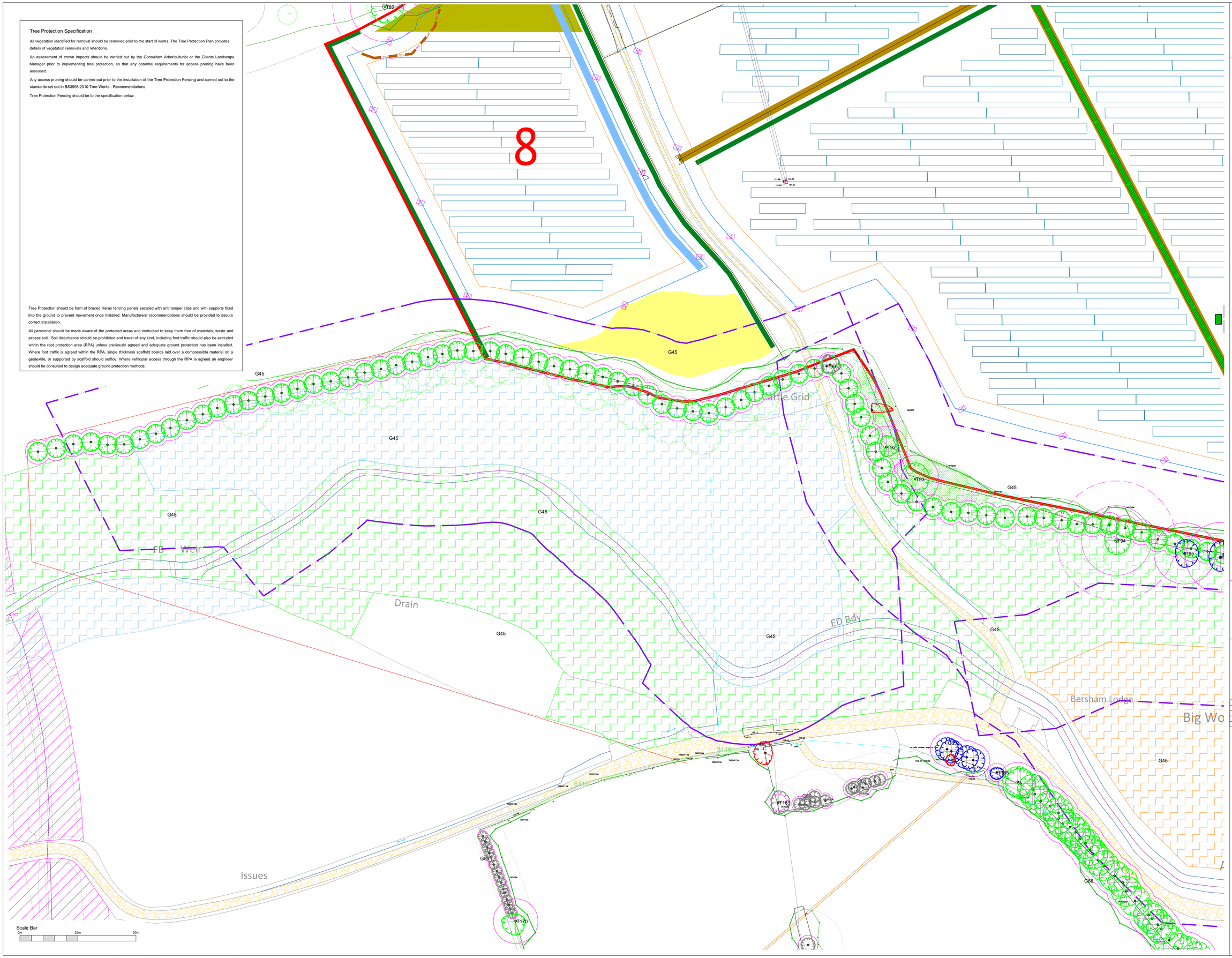
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BS 5837:2012 Tree Quality Categories - Table 1

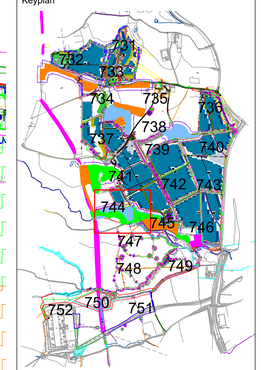
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- Category B - Moderate quality
- Category C - Low quality
- Category U - Unsuitable for retention

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- Ancient semi natural woodland
- Restored ancient woodland site
- 25m Ancient Woodland Buffer
- Tree protected by Tree Preservation Order WMBC 2, 1975. Bracketed number reference relates to the TPO Schedule.
- Bersham Conservation Area. Indicative extents only.
- Tree/ tree group to be removed with numbered reference. Canopy spread and BS5837:2012 tree quality category.
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- Temporary protective visual barrier, hi-vis mesh fence. See inset detail for example detail.
- Site Security Fencing. MUST be installed prior to commencement of any construction phase activities.
- Surface area to be protected in accordance with Section 6.2.3 BS - 5837:2012.

NOTES:

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  - NJUG 4 - Guidelines for Utility Services in Proximity to Trees
  - APN 12 - 'Through the Trees to Development'

Keyplan



Rev	Description	By	CB	Date
D	Layout updated, minor amends	JB	DC	24.05.24
C	Layout updated, minor amends	JB	DC	25.01.24
B	TPO & Conservation area added, minor amends	JB	DC	06.12.23
A	Minor Amends	JB	DC	03.11.23

MAKING COMPLEX EASY

Lakesbury House, Hiltingbury Road, Chandlers Ford, Hampshire SO53 5SS

T: 02380 810 440 E: rpsso@rpsgroup.com

Client: Lightsource BP

Project: Plas Power Solar and Battery Storage

Title: Tree Protection Plan

Status	Drawn By	PM/Checked by
For Planning	SH	JB

Job Ref	Scale @ A0	Date Created
JSL3859	1:500	09/23

RPS Drawing / Figure Number: 744

Rev: D

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Key

- Site boundary.
- T1 — Tree with numbered reference. Canopy spread and BS5837:2012 tree quality category as shown below.
- G1 — Vegetation group with numbered reference. Average canopy extent and BS5837:2012 tree quality category as shown below.
- Scrub/Hedge/Shrubs/Saplings with numbered reference.

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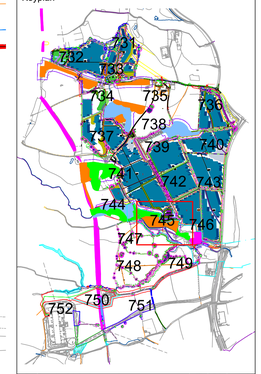
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Job Ref	Scale @ A0	Date Created
JSL3859	1:500	09/23

RPS Drawing / Figure Number: 745

Rev: D

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Scale Bar: 0m, 25m, 50m

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Tree Protection Specification

All vegetation identified for removal should be removed prior to the start of works. The Tree Protection Plan provides details of vegetation removals and retentions.

An assessment of crown impacts should be carried out by the Consultant Arboriculturist or the Clients Landscape Manager prior to implementing tree protection, so that any potential requirements for access pruning have been assessed.

Any access pruning should be carried out prior to the installation of the Tree Protection Fencing and carried out to the standards set out in BS3998:2010 Tree Works - Recommendations.

Tree Protection Fencing should be to the specification below:

Tree Protection should be form of braced Heras fencing panels secured with anti tamper clips and with supports fixed into the ground to prevent movement once installed. Manufacturers' recommendations should be provided to assure correct installation.

All personnel should be made aware of the protected areas and instructed to keep them free of materials, waste and excess soil. Soil disturbance should be prohibited and travel of any kind, including foot traffic should also be excluded within the root protection area (RPA) unless previously agreed and adequate ground protection has been installed. Where foot traffic is agreed within the RPA, single thickness scaffold boards laid over a compressible material on a geotextile, or supported by scaffold should suffice. Where vehicular access through the RPA is agreed an engineer should be consulted to design adequate ground protection methods.

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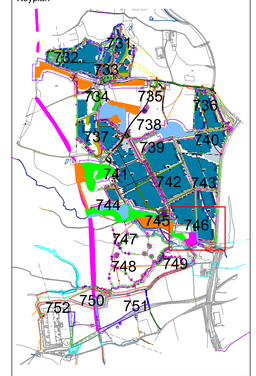
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RPS Drawing / Figure Number: 746

Rev: D

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Scale Bar: 0m, 25m, 50m

Trenchless techniques

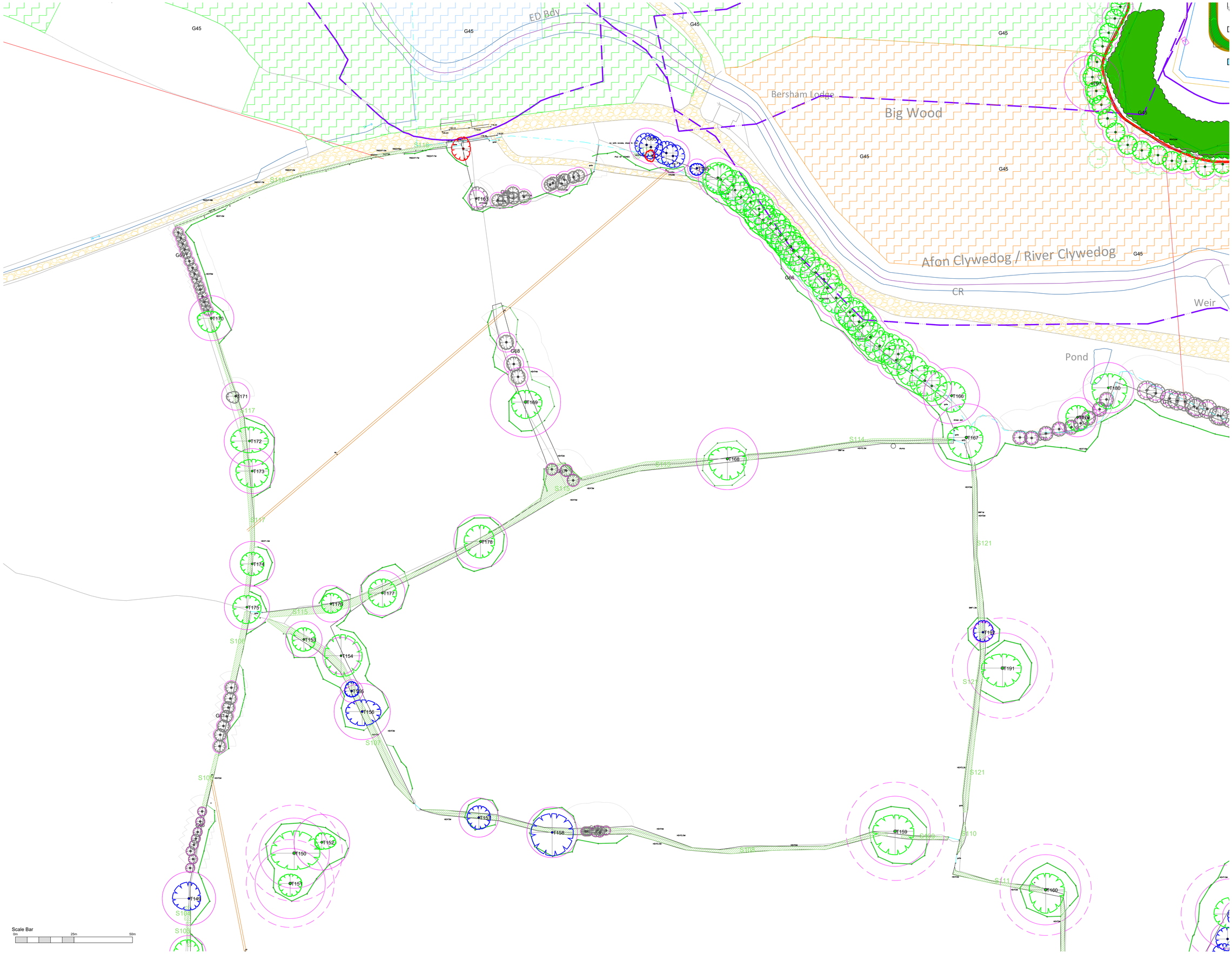
Trench option will require partial G1 tree removal.

Route cable to north to avoid major roots. Arboricultural supervision.

St Mary's Church

Mill

Access 4



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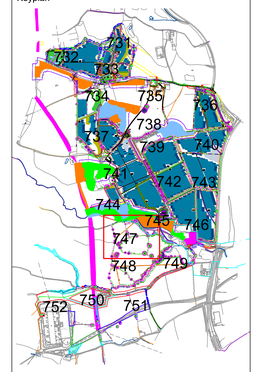
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Rev: D

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