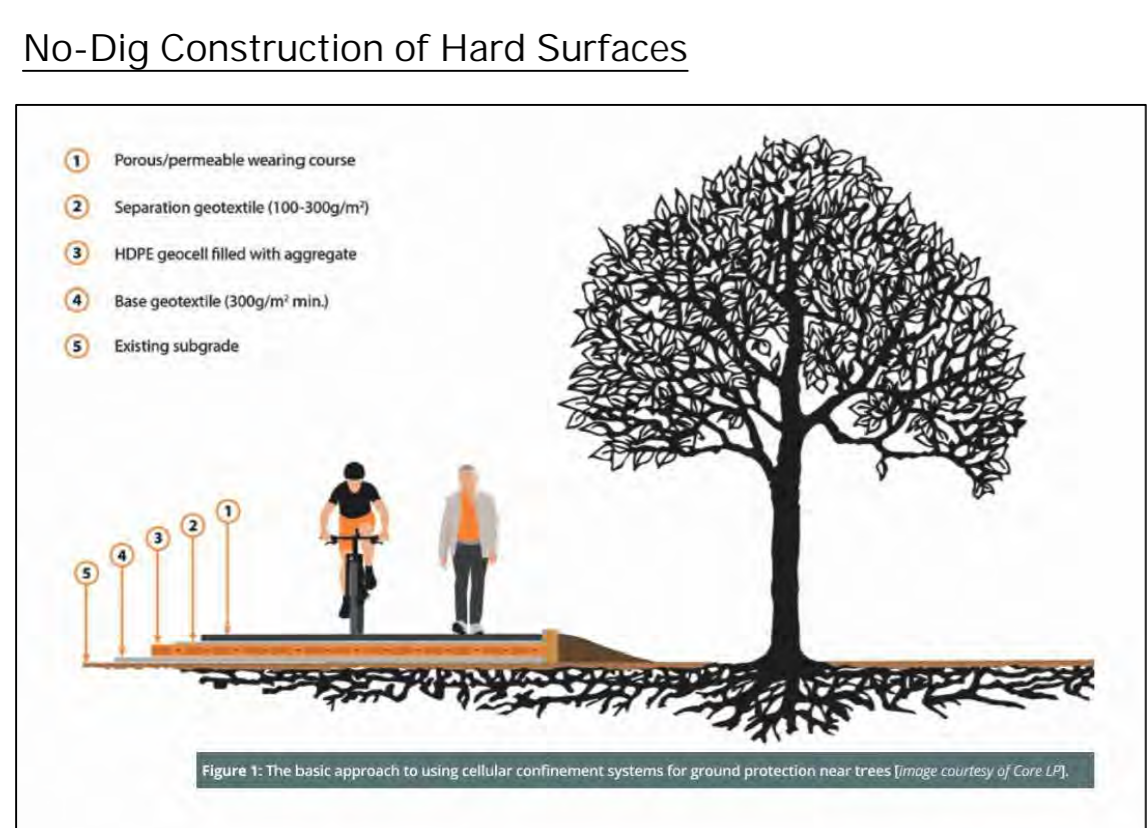
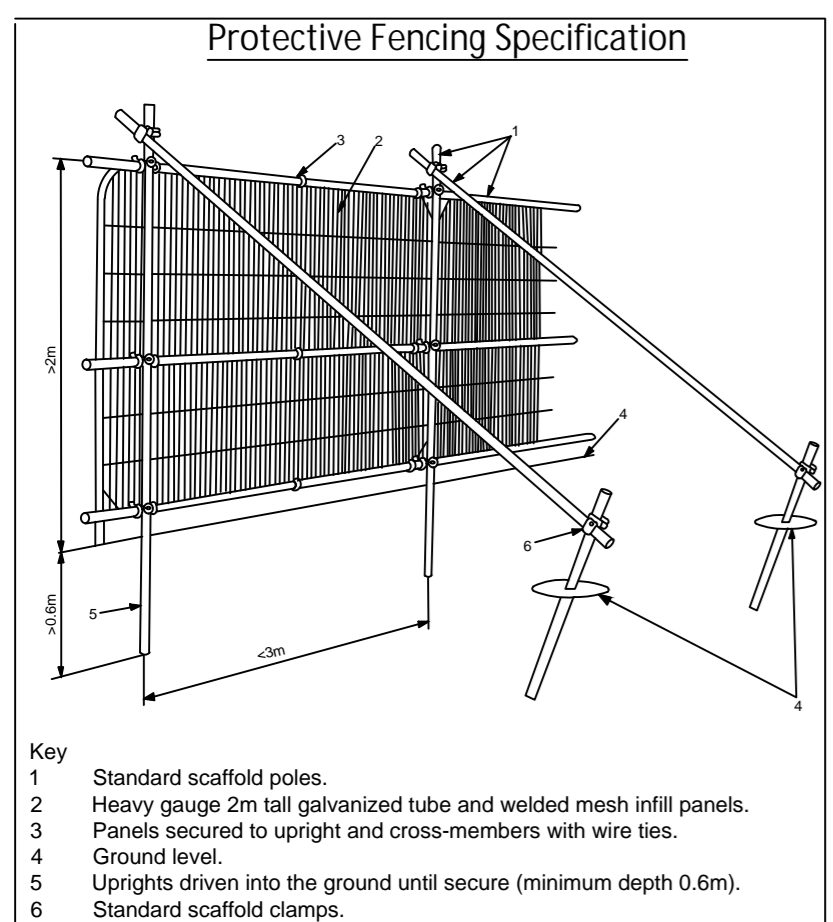
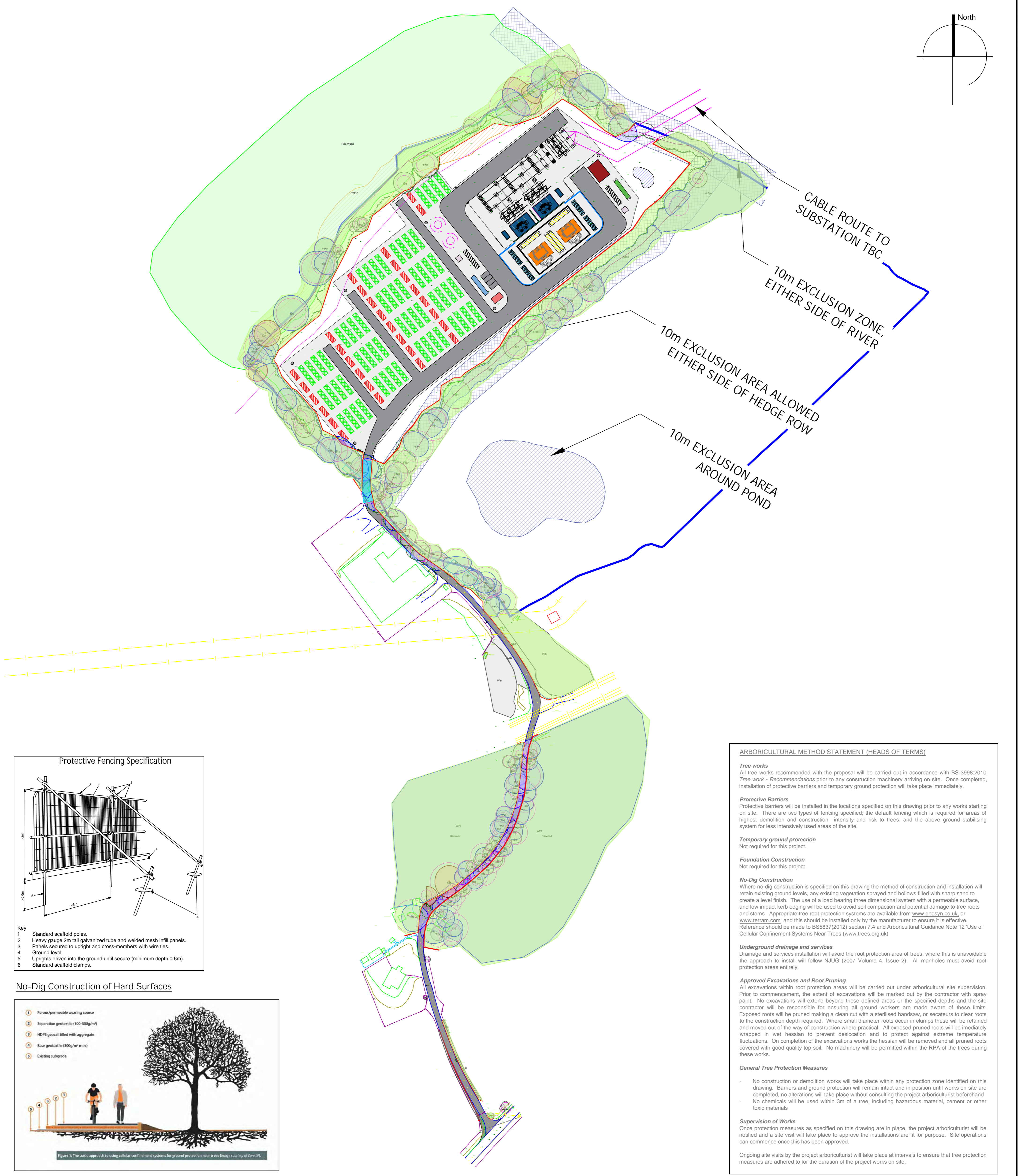
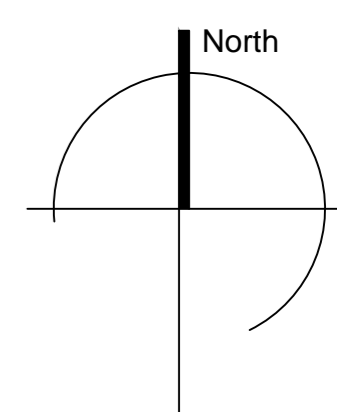


## Appendix B3 – Tree Protection Plan and Heads of Terms Method Statement



#### ARBORICULTURAL METHOD STATEMENT (HEADS OF TERMS)

**Tree works**  
All tree works recommended with the proposal will be carried out in accordance with BS 3998:2010. Tree work - Recommendations prior to any construction machinery arriving on site. Once completed, installation of protective barriers and temporary ground protection will take place immediately.

**Protective Barriers**  
Protective barriers will be installed in the locations specified on this drawing prior to any works starting on site. There are two types of fencing specified; the default fencing which is required for areas of highest demolition and construction intensity and risk to trees, and the above ground stabilising system for less intensively used areas of the site.

**Temporary ground protection**  
Not required for this project.

**Foundation Construction**  
Not required for this project.

**No-Dig Construction**  
Where no-dig construction is specified on this drawing the method of construction and installation will retain existing ground levels, any existing vegetation sprayed and hollows filled with sharp sand to create a level finish. The use of a load bearing three dimensional system with a permeable surface, and low impact kerb edging will be used to avoid soil compaction and potential damage to tree roots and stems. Appropriate tree root protection systems are available from [www.geosyn.co.uk](http://www.geosyn.co.uk), or [www.terram.com](http://www.terram.com) and this should be installed only by the manufacturer to ensure it is effective. Reference should be made to BS5837(2012) section 7.4 and Arboricultural Guidance Note 12 'Use of Cellular Confinement Systems Near Trees' ([www.trees.org.uk](http://www.trees.org.uk))

**Underground drainage and services**  
Drainage and services installation will avoid the root protection area of trees, where this is unavoidable the approach to install will follow NJUG (2007 Volume 4, Issue 2). All manholes must avoid root protection areas entirely.

**Approved Excavations and Root Pruning**  
All excavations within root protection areas will be carried out under arboricultural site supervision. Prior to commencement, the extent of excavations will be marked out by the contractor with spray paint. No excavations will extend beyond these defined areas or the specified depths and the site contractor will be responsible for ensuring all ground workers are made aware of these limits. Exposed roots will be pruned making a clean cut with a sterilised handsaw, or secateurs to clear roots to the construction depth required. Where small diameter roots occur in clumps these will be retained and moved out of the way of construction where practical. All exposed pruned roots will be immediately wrapped in wet hessian to prevent desiccation and to protect against extreme temperature fluctuations. On completion of the excavations works the hessian will be removed and all pruned roots covered with good quality top soil. No machinery will be permitted within the RPA of the trees during these works.

**General Tree Protection Measures**

- No construction or demolition works will take place within any protection zone identified on this drawing. Barriers and ground protection will remain intact and in position until works on site are completed, no alterations will take place without consulting the project arboriculturist beforehand.
- No chemicals will be used within 3m of a tree, including hazardous material, cement or other toxic materials.

**Supervision of Works**  
Once protection measures as specified on this drawing are in place, the project arboriculturist will be notified and a site visit will take place to approve the installations are fit for purpose. Site operations can commence once this has been approved.

Ongoing site visits by the project arboriculturist will take place at intervals to ensure that tree protection measures are adhered to for the duration of the project works on site.



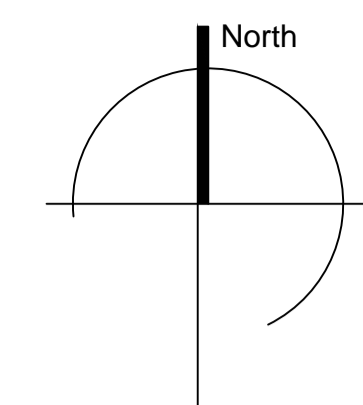
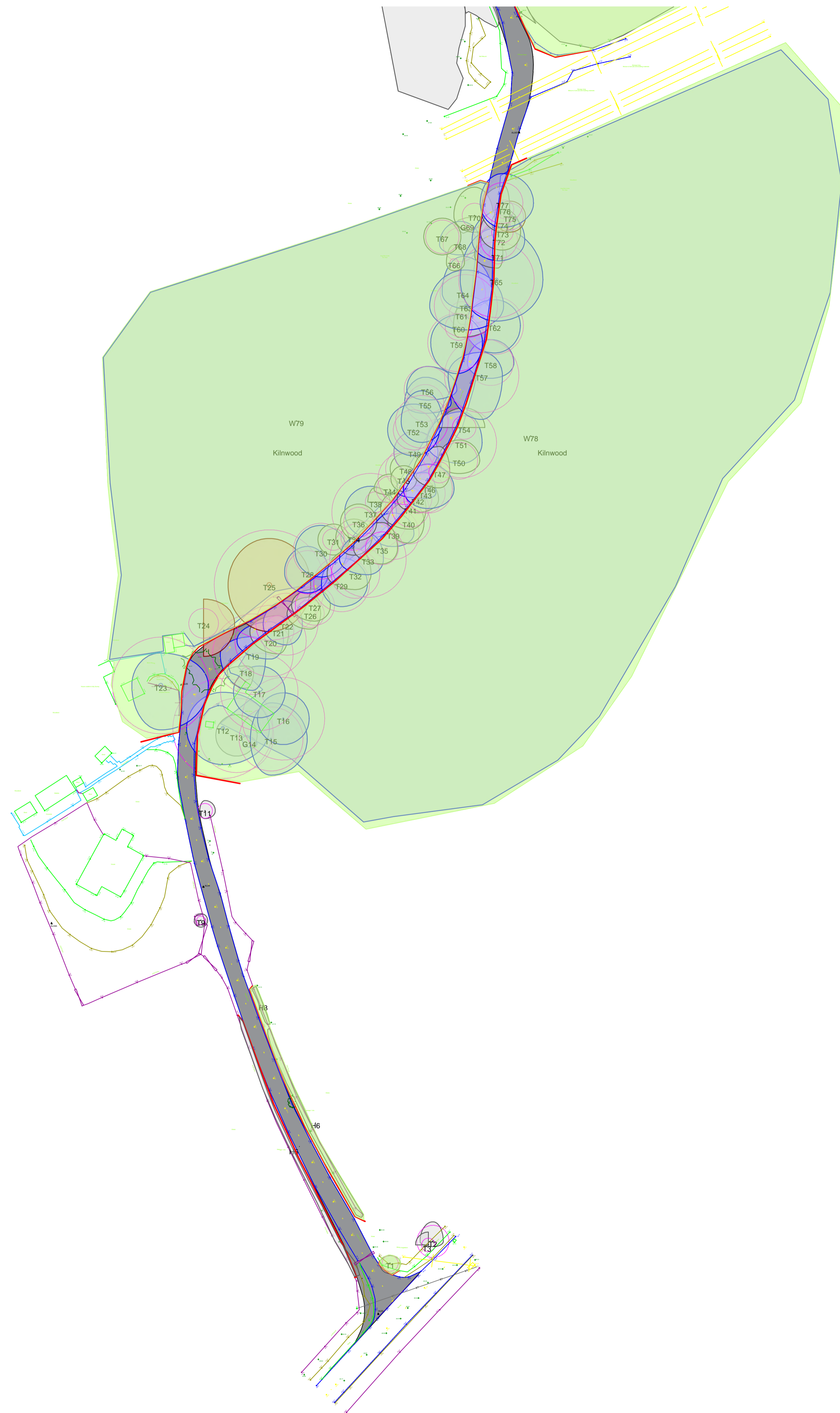
#### BS5837:2012 Tree Categorisation

	<b>A Category</b> Trees of high quality with an estimated remaining life expectancy of at least 40 years
	<b>B Category</b> Trees of moderate quality with an estimated life expectancy of at least 20 years
	<b>C Category</b> Trees of low quality with an estimated life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
	<b>U Category</b> Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years


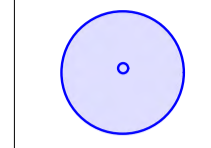
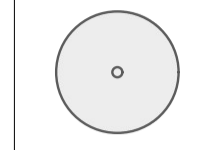
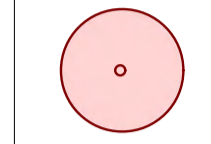
#### Key

	<b>Root Protection Area (RPA)</b> The minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the trees viability. Where the tree is ancient the RPA follows Natural England Standing Advice 2018.
	BS 5837 2012 Default weldmesh specification for protective barrier
	Construction exclusion zone, no entry by personnel or machinery permitted
	No-dig construction permeable hard surface to be installed by manufacturer
	Specialist demolition or construction approaches, to be carried out in accordance with an agreed arboricultural method statement under site supervision by an appointed arboricultural consultant


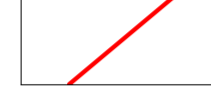



0 10m 20m 40m 80m 100m		
Date	Revision	Description
Title Tree Protection Plan Overview and Method Statement		
Client Arcus Consultancy Services		
Site Ninfield Battery Storage Site, Kilnwood Farm, Potman's Lane, TN39 5JL		
Dwg Ref: TCTC-17961-PL-03-01	Rev: -	Scale: 1:1000 @ A1
Status: Planning	Date: June 2021	Drawn By: AC
Do not scale from this drawing, tree positions and dimensions should always be checked on site. The original of this drawing is in colour, do not rely on monochrome versions. This drawing is copyright Tracy Clarke Tree Consultancy Ltd. ©		

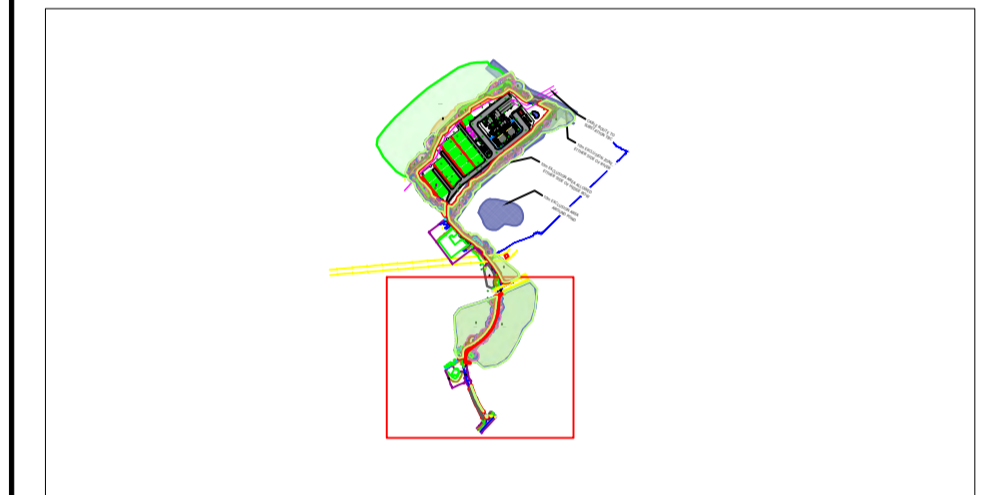


**BS5837:2012 Tree Categorisation**

-  **A Category**  
Trees of high quality with an estimated remaining life expectancy of at least 40 years
-  **B Category**  
Trees of moderate quality with an estimated life expectancy of at least 20 years
-  **C Category**  
Trees of low quality with an estimated life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
-  **U Category**  
Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

**Key**

-  **Root Protection Area (RPA)**  
The minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the trees viability. Where the tree is ancient the RPA follows Natural England Standing Advice 2018.
-  **BS 5837 2012 Default weldmesh specification for protective barrier**
-  **Construction exclusion zone, no entry by personnel or machinery permitted**
-  **No-dig construction permeable hard surface to be installed by manufacturer**
-  **Specialist demolition or construction approaches, to be carried out in accordance with an agreed arboricultural method statement under site supervision by an appointed arboricultural consultant**



Do not scale from this drawing, tree positions and dimensions should always be checked on site. The original of this drawing is in colour, do not rely on monochrome versions. This drawing is copyright Tracy Clarke Tree Consultancy Ltd. ©



Date	Revision	Description
---	----	

Title  
**Tree Protection Plan South**

Client  
**Arcus Consultancy Services**

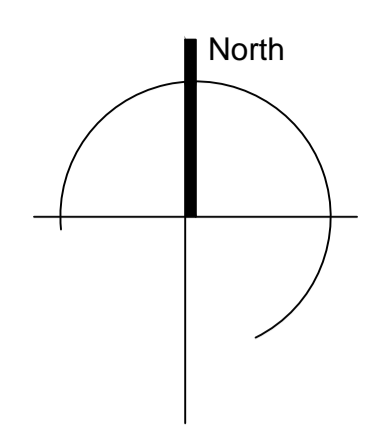
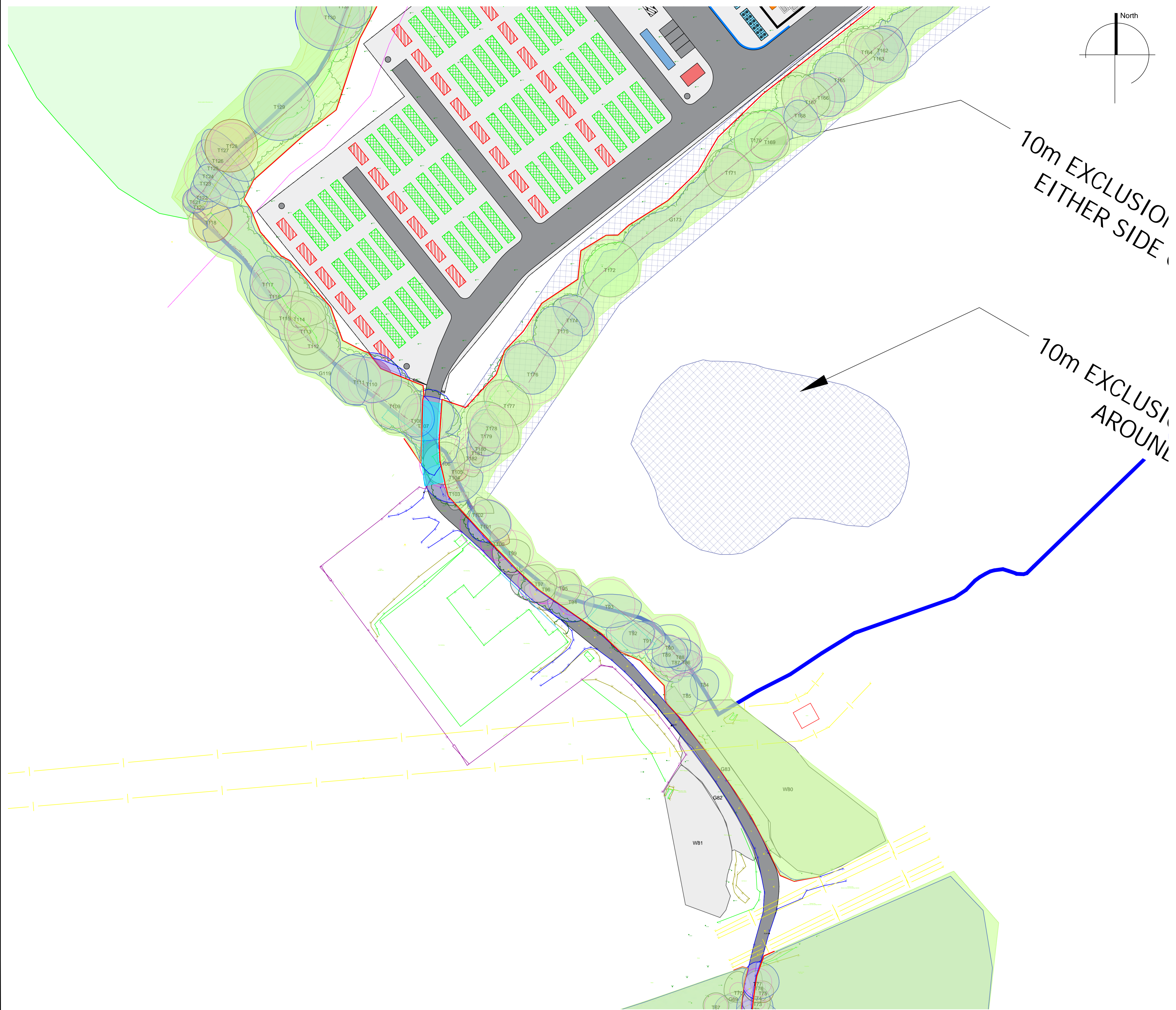
Site  
**Ninfield Battery Storage Site  
Kilnwood Farm, Potman's Lane  
TN39 5JL**

Ref: TCTC-17961-PL-03-02    Rev: -    Scale: 1:500 @ A1  
Status: Planning    Date: June 2021    Drawn By: AC



**TRACY CLARKE**  
TREE CONSULTANCY

01371 811831    info@tracyclarke.co.uk    www.tracyclarke.co.uk



10m EXCLUSION EITHER SIDE

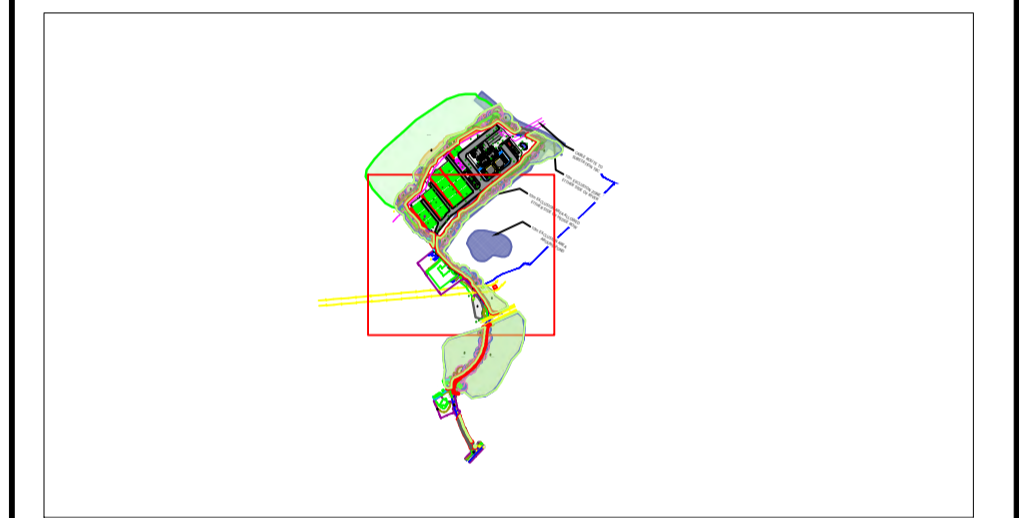
10m EXCLUSION AROUND

**BS5837:2012 Tree Categorisation**

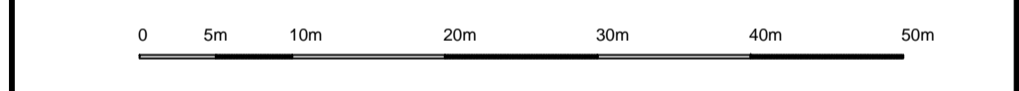
- A Category**  
Trees of high quality with an estimated remaining life expectancy of at least 40 years
- B Category**  
Trees of moderate quality with an estimated life expectancy of at least 20 years
- C Category**  
Trees of low quality with an estimated life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
- U Category**  
Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

**Key**

- Root Protection Area (RPA)  
The minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the trees viability. Where the tree is ancient the RPA follows Natural England Standing Advice 2018.
- BS 5837 2012 Default weldmesh specification for protective barrier
- Construction exclusion zone, no entry by personnel or machinery permitted
- No-dig construction permeable hard surface to be installed by manufacturer
- Specialist demolition or construction approaches, to be carried out in accordance with an agreed arboricultural method statement under site supervision by an appointed arboricultural consultant



Do not scale from this drawing, tree positions and dimensions should always be checked on site. The original of this drawing is in colour, do not rely on monochrome versions. This drawing is copyright Tracy Clarke Tree Consultancy Ltd. ©



Date	Revision	Description
---	----	

Title  
**Tree Protection Plan Central**

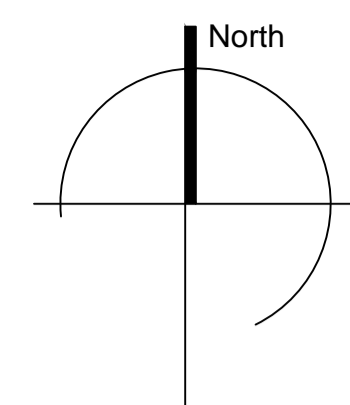
Client  
**Arcus Consultancy Services**

Site  
**Ninfield Battery Storage Site  
Kilwood Farm, Potman's Lane  
TN39 5JL**


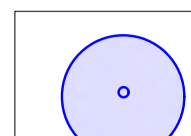
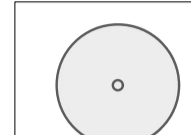
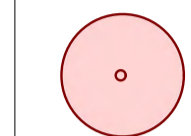
Ref: TCTC-17961-PL-03-03    Rev: -    Scale: 1:500 @ A1  
Status: Planning    Date: June 2021    Drawn By: AC

**TRACY CLARKE**  
TREE CONSULTANCY

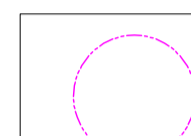

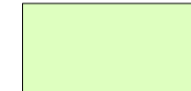


t 01371 811831    info@tracyclarke.co.uk    www.tracyclarke.co.uk

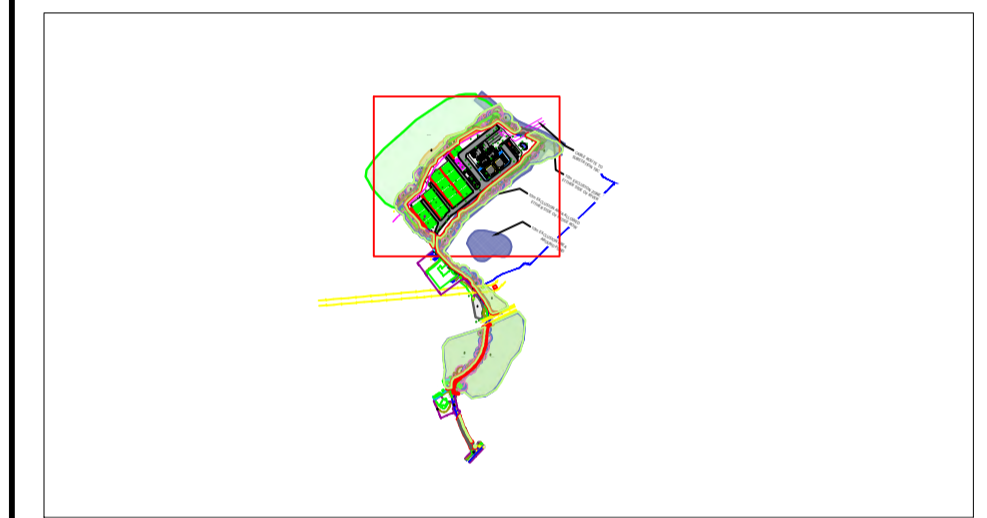


**BS5837:2012 Tree Categorisation**

-  **A Category**  
Trees of high quality with an estimated remaining life expectancy of at least 40 years
-  **B Category**  
Trees of moderate quality with an estimated life expectancy of at least 20 years
-  **C Category**  
Trees of low quality with an estimated life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
-  **U Category**  
Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

**Key**

-  **Root Protection Area (RPA)**  
The minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the trees viability. Where the tree is ancient the RPA follows Natural England Standing Advice 2018.
-  BS 5837 2012 Default weldmesh specification for protective barrier
-  Construction exclusion zone, no entry by personnel or machinery permitted
-  No-dig construction permeable hard surface to be installed by manufacturer
-  Specialist demolition or construction approaches, to be carried out in accordance with an agreed arboricultural method statement under site supervision by an appointed arboricultural consultant



Do not scale from this drawing, tree positions and dimensions should always be checked on site. The original of this drawing is in colour, do not rely on monochrome versions. This drawing is copyright Tracy Clarke Tree Consultancy Ltd. ©



Date	Revision	Description
---	----	

Title  
Tree Protection Plan North

Client  
Arcus Consultancy Services

Site  
Ninfield Battery Storage Site  
Kilnwood Farm, Potman's Lane  
TN39 5JL

Ref: TCTC-17961-PL-03-04	Rev: -	Scale: 1:500 @ A1
Status: Planning	Date: June 2021	Drawn By: AC

10m EXCLUSION AREA  
EITHER SIDE OF H

10m EXCLUSION AREA  
AROUND PO



**TRACY CLARKE**  
TREE CONSULTANCY

01371 811831 | info@tracyclarke.co.uk | www.tracyclarke.co.uk