



St Ann's Hospital, Haringey

Phase 1b and 2

ARBORICULTURAL METHOD STATEMENT

December 2023

TEP
Genesis Centre
Birchwood Science Park
Warrington
WA3 7BH

Tel: 01925 844004
Email: tep@tep.uk.com
www.tep.uk.com

Offices in Warrington, Market Harborough, Gateshead, London and Cornwall

Document Control

Document Title	Arboricultural Method Statement
Prepared for	The Hill Group
Prepared by	The Environment Partnership (TEP) Ltd
Document Ref.	8783.02.100
Date	July 2023
Author	Angus Blankenstein
Checked	Tom Popplewell
Approved	Tom Popplewell

Amendment History					
Version	Date	Modified by	Approved by	Reason(s) for issue	Status
0.1	21/07/2023	AAB	TDP	Checking	Draft
1.0	24/07/2023	AAB	TDP	Approval	Issue

Schedule of Document Amendments	
Version	Description of Amendments

Arboricultural Method Statement
Scope

- 1.1. TEP has been commissioned by Hill Residential Ltd, Catalyst Housing Ltd and Catalyst by Design Ltd to produce an Arboricultural Method Statement (AMS) for the St Ann's Hospital, Haringey project in accordance with BS5837:2012 Trees in relation to design, demolition and construction - Recommendations.
- 1.2. This AMS covers Phases 1b and 2 of the hybrid application and details protection and control measures for construction activities within those phase areas.
- 1.3. Demolition of buildings within Phase 1b are covered by the previous AMS (Ref: 8783.01.100) which should be referred to in concert with this document.
- 1.4. This AMS has been produced to accompany a planning application, it is assumed that this document will either provide sufficient detail to preclude a planning condition relating to tree protection or that this document will be updated in order to allow one or more such conditions to be discharged.

Limitations

- 1.5. A topographical survey was available for the production of this document but where trees are not shown, their locations have been estimated based on aerial photography and on-site observations.

St Ann's Hospital, Haringey - Phases 1b and 2

Arboricultural Method Statement

Overview and Operation Sign-Off

This document comprises Method Statements together with supporting plans. The detail and requirements of this document must inform the production of all relevant tender documents and instructions to contractors. It should be read in concert with any equivalent approved detail for adjacent Phases of development, at the time of writing, including Phase 1a and 1b (Demolition) (TEP Ref 8783.01.100).

Failure to adhere to the correct sequence, manner and timing of operations detailed below may result in irremediable damage to trees, and thereby breach of planning consent. All retained trees are protected and damage or removal could result in a stop notice or prosecution.

GENERAL TERMS

- A. This document should be reproduced in its entirety, in colour and at A3 size.
- B. The Site Manager will read and understand this Method Statement. It will be the responsibility of the Site Manager to ensure compliance with this Method Statement.
- C. A copy of this Method Statement will be made available for inspection on site and introduced to all relevant contractors.
- D. Tree removal has already taken place as shown in inset 1.
- E. An Arboricultural Consultant will be appointed to supervise activities as specified by this document. They must be provided with contact details for the site manager and notified of the date of commencement of works.
- F. All areas that are protected by Tree Protection Fencing or ground protection will be collectively defined as a **Construction Exclusion Zone** (CEZ). Access, works or storage within the CEZ will be prohibited unless specified by this AMS.
- G. If unexpected large roots (>25mm diameter) are encountered or if additional pruning is required the arboricultural consultant will be contacted.
- H. The Site Manager will be responsible for contacting the Arboricultural Consultant as required by this AMS or any requirement to enter a protected area arises.
- I. Each of the elements within this Method Statement will be signed-off by the arboricultural consultant in the Operations Sign-off inset on this sheet. A copy will be retained by the Site Manager and the Arboricultural Consultant.
- J. It will also be the responsibility of the appointed Arboricultural Consultant to undertake inspections not less than every two months to ensure compliance with the approved protection scheme. Any deviation from the approved scheme will be recorded opposite and reported to the Site Manager and Local Planning Authority Tree Officer.

OVERVIEW OF OPERATIONS

1. APPOINTMENT OF ARBORICULTURAL CONSULTANT
2. APPOINTMENT OF ARBORICULTURAL CONTRACTOR
3. DEMOLITION (See D8783.01.100)
4. SIGN OFF BY ARBORICULTURAL CONSULTANT
THE FOLLOWING ACTIVITIES ARE COVERED BY THIS DOCUMENT
5. SETTING OUT OF PHASE 1b AND 2 TREE PROTECTION FENCING
6. INSTALLATION OF TREE PROTECTION FENCING
7. SIGN OFF BY ARBORICULTURAL CONSULTANT
8. COMPLETION OF PRIMARY CONSTRUCTION WORKS
9. INSTALLATION OF ABOVE GROUND FOOTPATHS
10. SIGN OFF BY ARBORICULTURAL CONSULTANT
11. LANDSCAPING WORKS
12. REMOVAL OF ALL PLANT, VEHICLES AND MATERIALS FROM SITE
13. REMOVAL OF ALL TREE PROTECTION MEASURES

**Arboricultural Consultant:**

Telephone: | Email:

Tree and Hedgerow Protection

Above Ground Construction

Landscaping

Date: Initials:

Date: Initials:

Date: Initials:

The above Method Statement elements have been discharged in full to the best of my knowledge and professional assessment. Where there has been any deviation from the specification, I am satisfied that this has not been injurious to retained trees and that all such deviations have complied with the spirit of the instruction insofar as was reasonably practicable or were approved in advance by the proper authority.

Signed:

Notes:

KEY

[This drawing must be reproduced in colour]

 Site Boundary

 Trees and groups to be retained

Tree and hedgerow works

 Trees to be removed



Rev	Description	Drawn	Approved	Date
-----	-------------	-------	----------	------



THE ENVIRONMENT PARTNERSHIP

Genesis Centre, Birchwood Science Park, Warrington WA3 7BH
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project

St Ann's Hospital, Haringey - Phases 1b and 2
Arboricultural Method Statement

Title

Overview and Operation Sign-off

Drawing Number

D8783.02.100

Drawn AAB	Checked TDP	Approved TDP	Scale 1:2,000 @ A3	Date 24/07/2023
--------------	----------------	-----------------	-----------------------	--------------------



KEY

[This drawing must be reproduced in colour]

- Retained Trees and Groups
- Retained Hedgerow
- Root Protection Area (RPA)

Tree and Hedgerow Protection Measures

- Tree Protection Heras Fencing

NOTE: All tree and hedgerow protection measures shown on this plan must be installed after completion of demolition and prior to commencement of construction works.

St Ann's Hospital, Haringey - Phases 1b and 2 Arboricultural Method Statement

Tree Protection

The installation of physical tree protection measures must be completed before commencement of the construction phase, including the creation of compounds, access by vehicles or plant, delivery of materials, ground investigations or works, or any other construction works. All tree protection must be retained throughout construction and not modified in any way or removed except in strict compliance with this method statement.

The detail and requirements of this Method Statement must inform the production of all relevant tender documents and instructions to contractors.

This AMS must be read in conjunction with the following drawings:

- D8783.02.100 AMS Overview and Operation Sign-off
- TEP.ARB.FEN.003 Temporary Tree Protection Fencing - Combined

TREE PROTECTION FENCING

- Following the completion and sign-off of demolition works, the Site Manager will arrange for protection fencing to be installed.
- The alignment of fencing will be set out by a topographical surveyor using wooden pegs as shown above. This **must be done accurately** to ensure that tree protection does not obstruct construction.

- In some locations, the tree protection fencing arrangement that is shown will prevent access to complete works that are within protected areas. This is intentional. Some sections of tree protection fencing will be realigned during construction. This must only be done as described by this document.
- The way in which tree protection fencing will be realigned, when this will happen, and under what circumstances are set out by this Method Statement on drawing D8783.02.102. No other changes will be made to tree protection fencing
- Northings and Eastings can be provided by TEP for setting out.
- A contractor will be engaged to install the tree protection.
- Fencing will be installed according to the specification shown at Appendix A. A large pdf of the sign to be laminated and affixed to alternate panels is appended to this document.
- Tree protection will remain in situ for the duration of the construction or until its removal or realignment is dictated by this Method Statement.
- The correct installation and maintenance of tree protection measures according to this Method Statement will be verified by the appointed arboricultural consultant and signed-off.
- The fencing will be subject to ad hoc inspection by the appointed arboricultural consultant not less than every two months.
- The arboricultural consultant will report site inspection findings to the site manager, allow one week for remedial recommendations to be implemented, and then report on compliance with this AMS to the local planning authority.



Rev	Description	Drawn	Approved	Date
-----	-------------	-------	----------	------



**THE
ENVIRONMENT
PARTNERSHIP**

Genesis Centre, Birchwood Science Park, Warrington WA3 7BH
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project

St Ann's Hospital, Haringey - Phase 1b and 2
Arboricultural Method Statement

Title

Tree Protection

Drawing Number

D8783.02.101

Drawn	Checked	Approved	Scale	Date
AAB	TDP	###	1:2,000 @ A3	21/07/2023

St Ann's Hospotital, Haringey - Phases 1b and 2

Arboricultural Method Statement

Root Pruning and Above Ground Construction

Several areas of hard surfacing are to be constructed within the Root Protection Area (RPA) of retained trees. In order to protect the roots and ensure these trees can be successfully retained, a system of above ground 'no-dig' construction must be employed.

The detail and requirements of this Method Statement must inform the production of all relevant tender documents and instructions to contractors.

This AMS must be read in conjunction with the following drawings:

- D8783.02.100 AMS Overview and Operation Sign-off
- D8783.02.101 Tree Protection
- TEP.ARB.CCS.004 No-dig CCS Combined

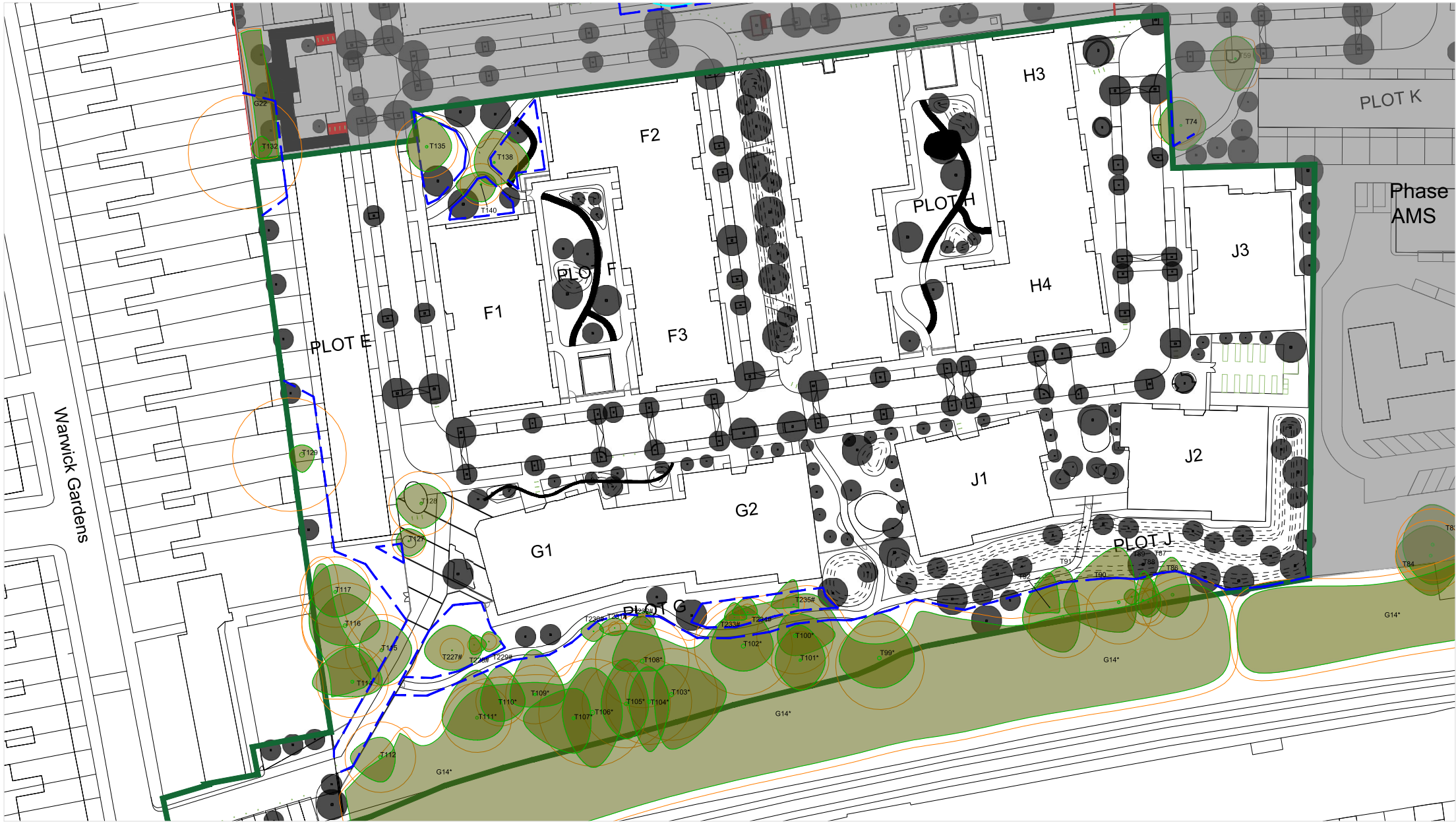
ROOT PRUNING

- Root pruning will be done in locations shown with a thick magenta line opposite. Both locations are beneath existing hard surfacing which will need to be removed first. This activity will be done under an Arboricultural Watching Brief.
- Tarmac will be removed in layers by scraping with a flat untoothed bucket. Scoring of the wearing course with a disc cutter is permissible provided that the cutting depth is limited to 50mm.
- All sub-grades will be removed carefully in this way until the soil level is reached.
- Once existing hard surfacing is removed a trench will be excavated using hand tools, compressed air or soil vacuum to a depth of 600mm or until, in the opinion of the supervising Arboricultural Consultant, no deeper roots are anticipated. The use of an excavator is prohibited unless at the direction of the Arboricultural Consultant.
- The Arboricultural Consultant will monitor the level of root loss and make a on-site recommendations according to the following findings:
 - No roots - Continue without constraint
 - Minor roots - Continue to monitor
 - Moderate roots - Prune roots neatly
 - Major roots - Can be accomodated**Where major roots are found, it may be necessary to agree additional measures with the LPA before works proceed.
- Where roots are encountered, they will be severed neatly at the trench face using a sharp spade, bypass secateurs or a pruning saw as appropriate*.
- Hard surfacing will be kept in situ in areas shown with a blue hatch. This will act in lieu of ground protection and will be removed when landscaping activities take place.

NO-DIG CONSTRUCTION

- The installation of above ground 'no-dig' construction footpaths will take place as convenient within the construction programme. Until it has been completed, all areas in green opposite will be restricted to all access and protected by tree protection fencing.
- The minimum area subject to above ground construction is shown with a solid green hatch on the plan opposite.
- An indicative specification for above ground construction (ref: TEP.ARB.CCS.004) is shown in Appendix B which should be verified by an engineer prior to installation. The precise extents of above ground construction may increase dependent on the final surface design.
- Tree Protection Fencing may be realigned during the installation process to allow access. This is shown with a dashed blue line opposite.
- Once complete, Tree Protection Fencing will be reinstalled at the canopy extents of T127 and T128.
- The completion of the above ground construction according to this Method Statement will be verified and signed off by the appointed Arboricultural Consultant.





KEY

[This drawing must be reproduced in colour]

T1/G1 Retained Trees and Groups

H1 Retained Hedgerow

Root Protection Area (RPA)

Tree Protection Heras Fencing

St Ann's Hospital, Haringey - Phases 1b and 2

Arboricultural Method Statement

Landscaping

Soft Landscaping is proposed around retained trees. These activities have the potential to cause damage to these trees and must be controlled to prevent this.

The detail and requirements of this Method Statement must inform the production of all relevant tender documents and instructions to contractors.

This AMS must be read in conjunction with the following drawings:

- D8783.02.100 AMS Overview and Operation Sign-off
- D8783.02.101 Tree Protection

LANDSCAPING ACTIVITIES

1. Following completion of all other works and unless otherwise directed, all tree protection measures will be removed.
2. All landscaping works within the Root Protection Areas shown above will be completed according to the following restrictions.

2.1. No level changes will be permitted other than an increase of up to 100mm by the addition of mulch or topsoil.

2.2. Soils may be mulched, turfed or seeded but not paved.

2.3. No rotavation will be permitted.

2.4. All planting will be done by hand and with regard for the location of large roots (greater than 10mm diameter). Planting locations will be micrositied to avoid large roots where possible and no roots larger than 25mm will be

- severed.
- 2.5. There will be no excavation, installation of permanent surfaces or structures, and no use of wet cementitious products within any protected area.
- 2.6. Any membranes must be pervious to water and gaseous exchange.
- 2.7. Any woodchip must be composted for a minimum period of 12 months.
- 2.8. Fence posts will be driven rather than excavated.
- 2.9. Gravel boards will not be used. An air gap will be maintained at the base of all fences.
- 2.10. Secondary and informal footpaths will be laid on top of existing levels with no excavation beyond removal of existing vegetation.
3. Small trees in proximity to footpaths and buildings will be managed by coppicing. This will be detailed as part of a Landscape Management Plan.



Rev	Description	Drawn	Approved	Date
-----	-------------	-------	----------	------

TEP

THE ENVIRONMENT PARTNERSHIP

Genesis Centre, Birchwood Science Park, Warrington WA3 7BH
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project
St Ann's Hospital, Haringey - Phases 1b and 2 Arboricultural Method Statement
Title
Landscaping

Drawing Number
D8783.02.103

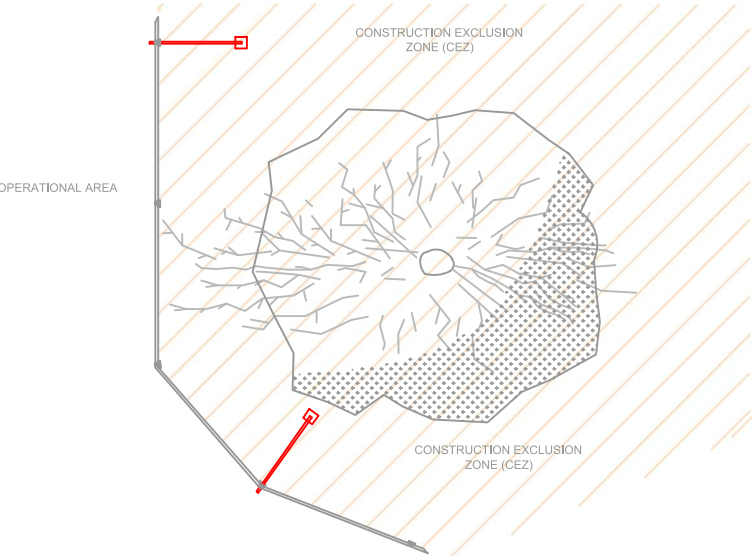
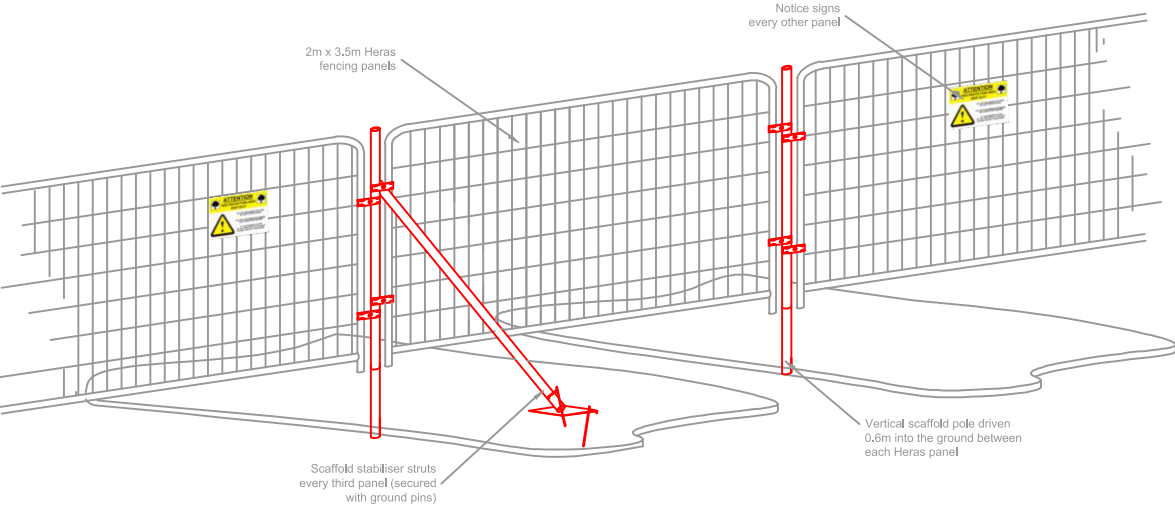
Drawn	Checked	Approved	Scale	Date
AAB	TDP	TDP	1:1000 @ A3	24/07/2023



THE
ENVIRONMENT
PARTNERSHIP

APPENDIX A: Specification Drawings

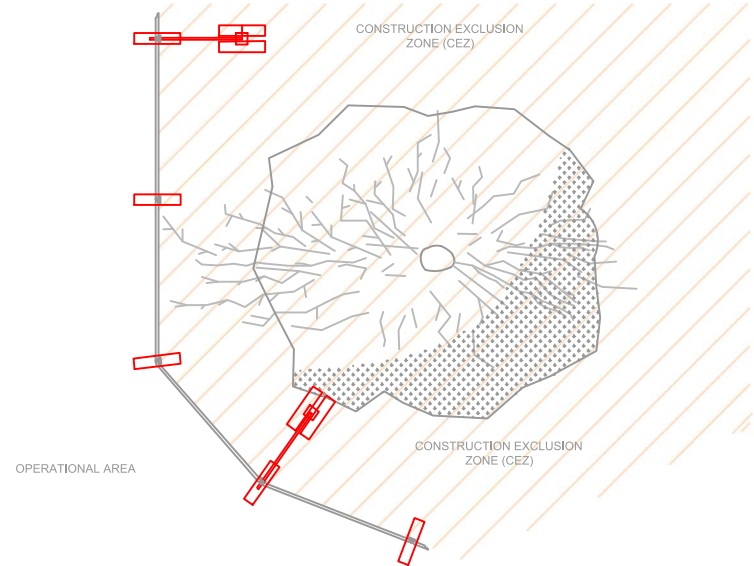
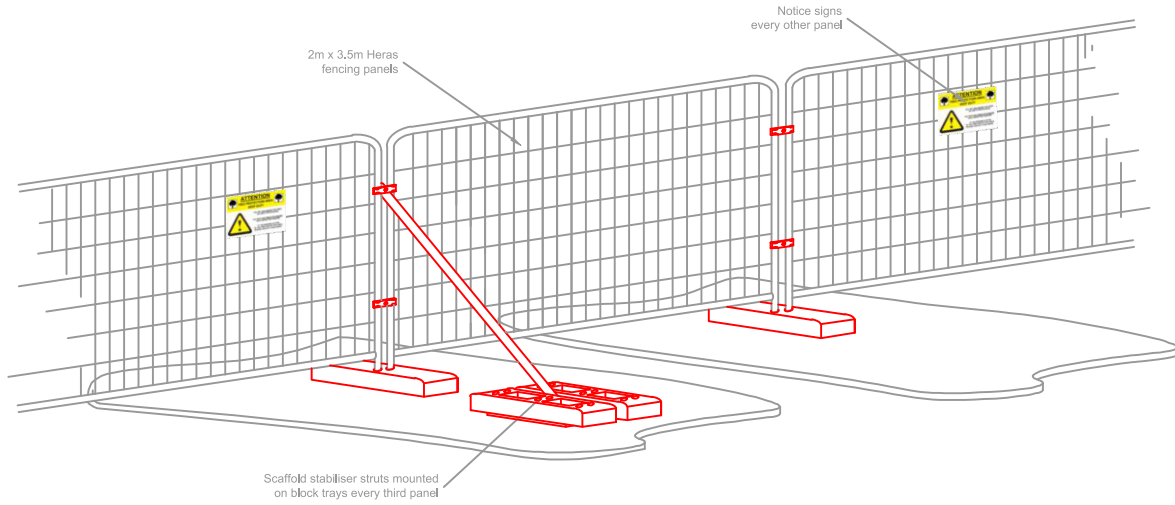
Tree Protection Fencing for use on soft surfaces



Per 3No. Heras panels (10.5m)	
Component	Quantity
2m x 3.5m Standard Heras panels	3
3m Galvenised steel scaffold pole	3
Heras fecurity fence clip	12
Heras stabilising support bar	1
Stabilising pin	2
Tree protection notice	2

Notes:

Tree Protection Fencing for use on hard surfaces



Per 3No. Heras panels (10.5m)	
Component	Quantity
2m x 3.5m Standard Heras panels	3
Rubber fencing block tray (footing)	5
Scaffold clamp double coupler	6
Heras stabilising strut support bar	3
Tree protection notice	2

Notes:

Rev	Description	Drawn	Approved	Date
-----	-------------	-------	----------	------

T

E

P

THE

ENVIRONMENT

PARTNERSHIP

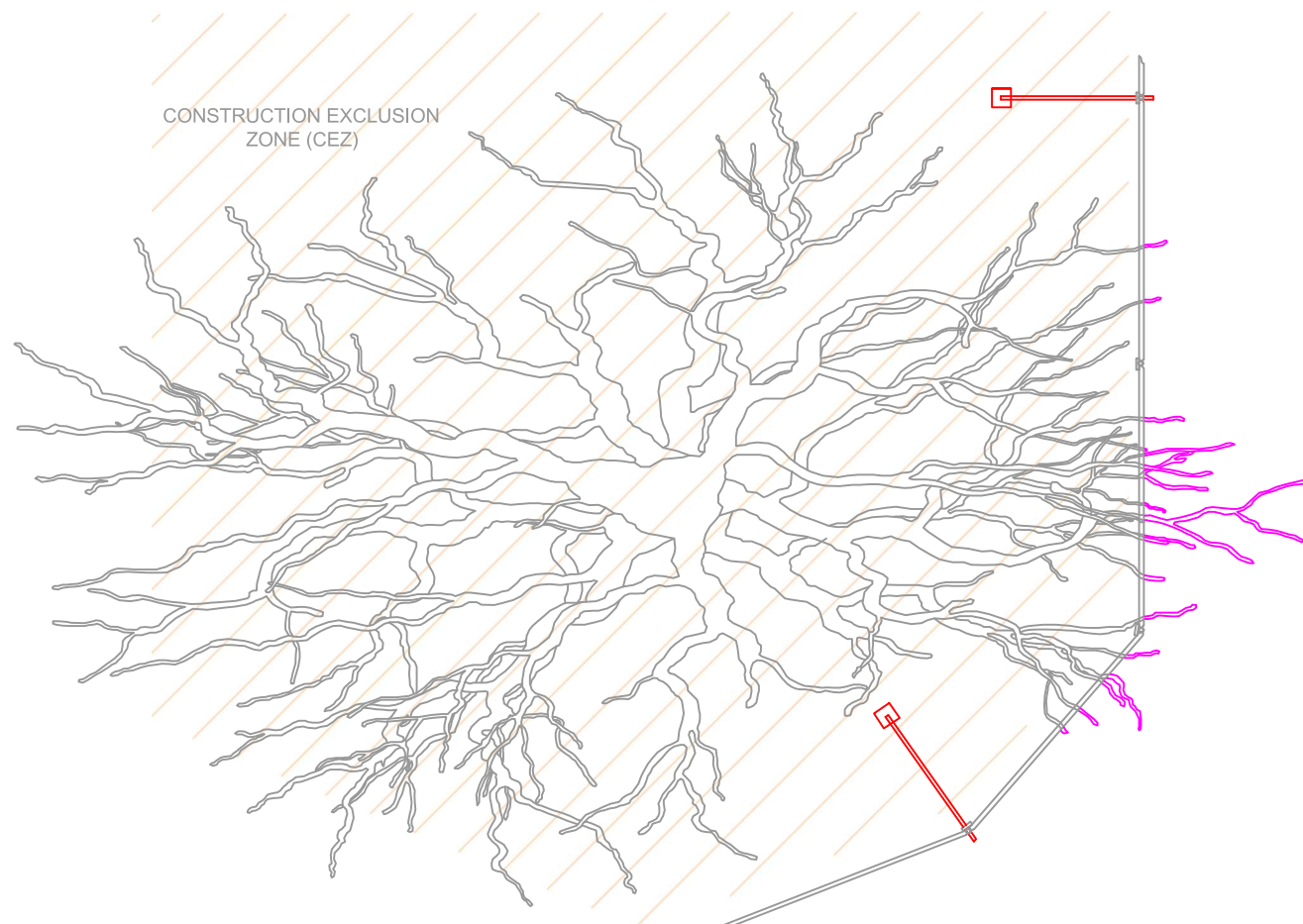
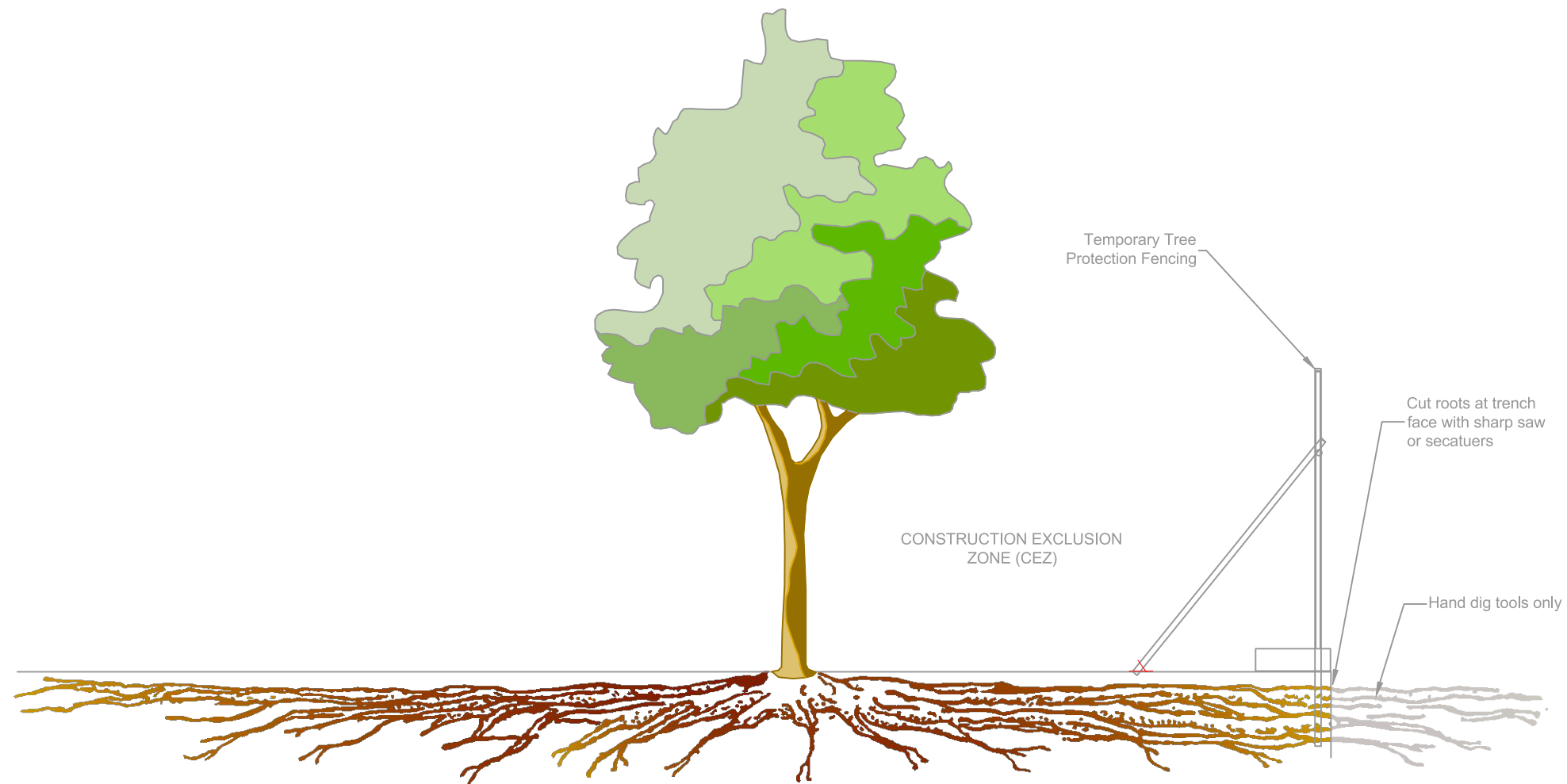
401 Faraday Street, Birchwood Park, Warrington WA3 6GA
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project

Title
Temporary tree protection fencing specifications

Drawing Number
TEP.ARB.FEN.003

Drawn	Checked	Approved	Scale	Date
TDP	RMG	JGS	(not to scale) @ A3	09/07/2019



Rev	Description	Drawn	Approved	Date
-----	-------------	-------	----------	------



**THE
ENVIRONMENT
PARTNERSHIP**

401 Faraday Street, Birchwood Park, Warrington WA3 6GA
Tel 01925 844004 e-mail tep@tep.uk.com www.tep.uk.com

Project

Title
Excavation - Watching Brief Root Pruning

Drawing Number
TEP.ARB.EXC.001

Drawn	Checked	Approved	Scale	Date
RMG	TDP	JGS	Not to scale @ A3	25/07/2019

Drawn RMG	Checked TDP	Approved JGS	Scale Not to scale @ A3	Date 08/07/2019
---------------------	-----------------------	------------------------	-----------------------------------	---------------------------

HEAD OFFICE

Genesis Centre
Birchwood Science Park
Warrington
WA3 7BH

Tel: 01925 844004
Email: tep@tep.uk.com

MARKET HARBOROUGH

No. 1 The Chambers
Bowden Business Village
Market Harborough
Leicestershire
LE16 7SA

Tel: 01858 383120
Email: mh@tep.uk.com

GATESHEAD

Office 26, Gateshead
International Business Centre
Mulgrave Terrace
Gateshead
NE8 1AN

Tel: 0191 605 3340
Email: gateshead@tep.uk.com

LONDON

8 Trintiy Street
London
SE1 1DB

Tel: 020 3096 6050
Email: london@tep.uk.com

CORNWALL

4 Park Noweth
Churchtown
Helston
Cornwall
TR12 7BW

Tel: 01326 240081
Email: cornwall@tep.uk.com