

ARBORICULTURAL METHOD STATEMENT (AMS)

NOVEMBER 2025

Liverpool FC Academy

The Liverpool Way

Kirkby

Liverpool

L33 7ED

U R B A N
G R E E N

QUALITY MANAGEMENT

Project No.:	UG3257			
Project:	Liverpool FC Academy, Liverpool			
Location:	Liverpool FC Academy, The Liverpool Way, Kirkby, Liverpool, L33 7ED			
Title:	Arboricultural Method Statement			
Document Type:	BS 5837: 2012			
Date:	03/11/2025			
Prepared By:	Adam Hodgins			
Checked By:	Helen Lord			
Approved By:	Adam Hodgins			
Revision Status:				
Rev:	Date:	Issue/Purpose/ Comment:	Prepared:	Checked:

Arboricultural Method Statement (AMS)
Liverpool FC Academy, The Liverpool Way, Kirkby,
Liverpool, L33 7ED

- i. Construction work in close proximity to important trees, or within the Root Protection Area (RPA) of tree(s) due to be retained were identified within the Arboricultural Impact Assessment (AIA) UG_3257_AIA_01_REV_00_FINAL.
- ii. This AMS must be read in conjunction with the Tree Protection Plan (UG_3257_ARB_TPP_01_REV_00), as it cross-references the Tree Protection Plan for each specific area of work.
- iii. The AMS aims to provide general guidelines to onsite personnel that must be followed when working close to trees on construction sites.
- iv. All site personnel must have access to this document and be made aware of any sections that may be relevant to their specific area of work.
- v. It is essential to adhere to the recommendations within this document during onsite operations to ensure the successful retention of trees as part of the proposed development.
- vi. Compliance with the AMS will be a requirement of all relevant contracts associated with the proposed development.

1. Protective Fencing

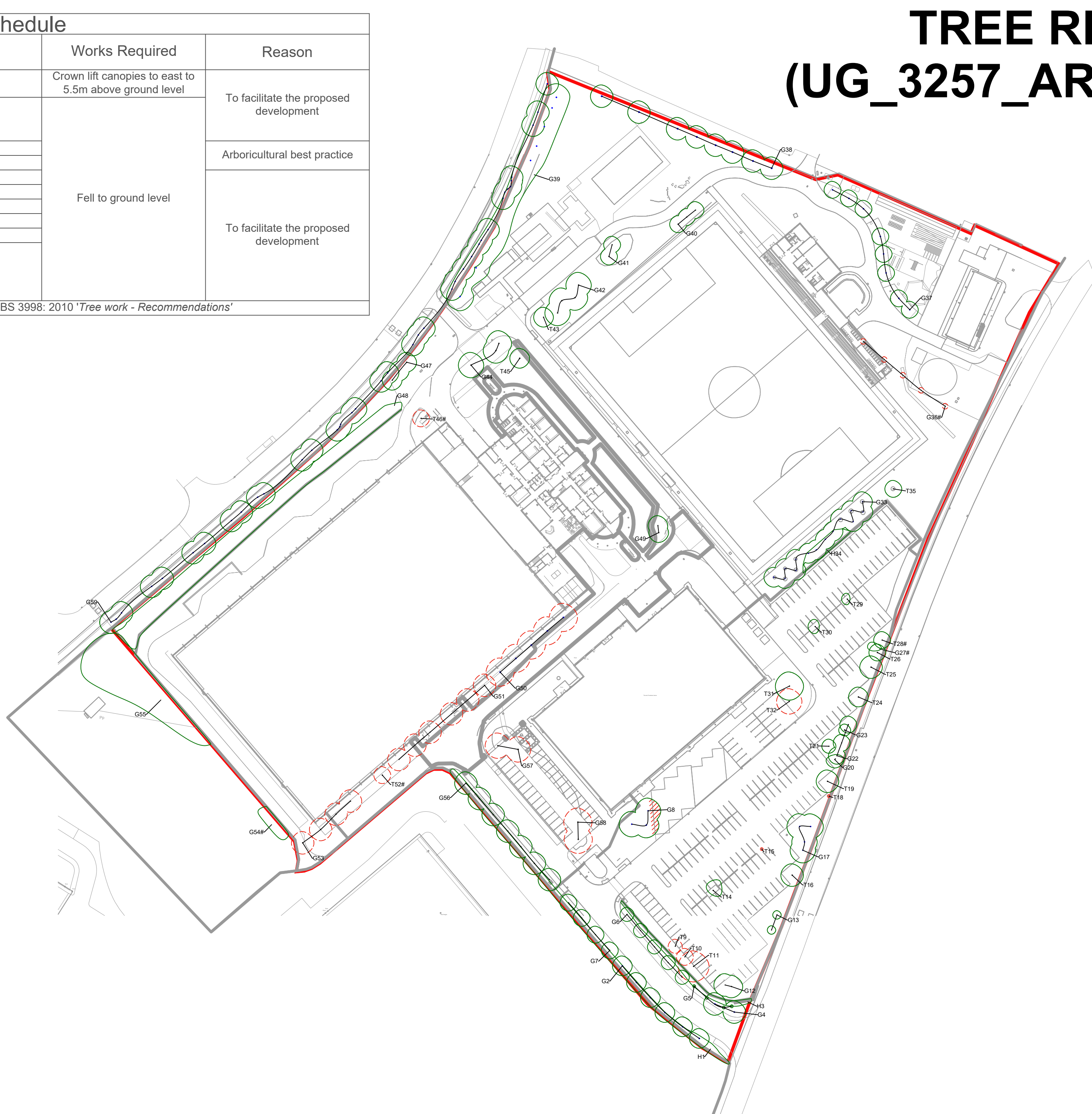
- 1.1. Temporary protective fencing will need to be installed at the alignment indicated on the Tree Protection Plan UG_3257_ARB_TPP_01_REV_00, prior to the commencement of any construction activities on site including the delivery of materials and site facilities.
- 1.2. Any fencing that is damaged so that it is no longer able to protect retained trees must be replaced/repaired immediately with appropriate fencing at the alignment indicated on the Tree Protection Plan.
- 1.3. The 'in-ground' system involves driving vertical scaffold poles approximately 0.6m into the ground onto which are affixed horizontal scaffold poles and bracing struts. 2m high anti-climb weldmesh panels are then wired to the scaffold framework. The vertical scaffold poles must be at a maximum 3m apart.
- 1.4. No fixing shall be made to any tree and all possible precautions shall be taken to prevent damage to the tree roots when locating uprights.
- 1.5. A 600mm x 300mm warning sign reading 'TREE PROTECTION AREA KEEP OUT' shall be fixed to every 10m of protective fencing.

2. Ground Protection

- 2.1. The primary method of ground protection is the installation of a compressible layer (e.g. woodchip) over a geotextile fabric with side butting scaffold boards.
- 2.2. Ground protection measures whilst working in the RPA must be capable of supporting the expected loads and avoid compaction of the soil.
- 2.3. The boarding will be left in place until the construction works are finished.
- 2.4. Scaffolding may first be erected with the uprights on spreader boards and the ground protection installed around the uprights.
- 2.5. The ground protection may be comprised of the following:
- 2.5.1. For pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane;
- 2.5.2. For pedestrian-operated plant up to a gross weight of 2t, proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid onto a geotextile membrane;
- 2.5.3. For wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineered specification designed in conjunction with Arboricultural advice, to accommodate the likely loading to which it will be subjected.

Tree Works Schedule				
Tree Number	BS 5837: 2012 Retention Category	Species	Works Required	Reason
G8	B	Ash	Crown lift canopies to east to 5.5m above ground level	To facilitate the proposed development
T9				
T10				
T11	C	Himalayan Birch	Fell to ground level	Arboricultural best practice
T15				
T18				
T32	C	Ash	Fell to ground level	To facilitate the proposed development
G36				
T46				
G50	B	Common lime	Fell to ground level	To facilitate the proposed development
G51				
T52				
G53	C	Common lime	Fell to ground level	To facilitate the proposed development
G57				
G58				

All specified tree works are to be carried out in accordance with BS 3996: 2010 'Tree work - Recommendations'

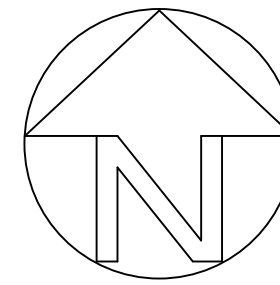


TREE REMOVAL PLAN
(UG_3257_ARB_TRP_01_REV_00)

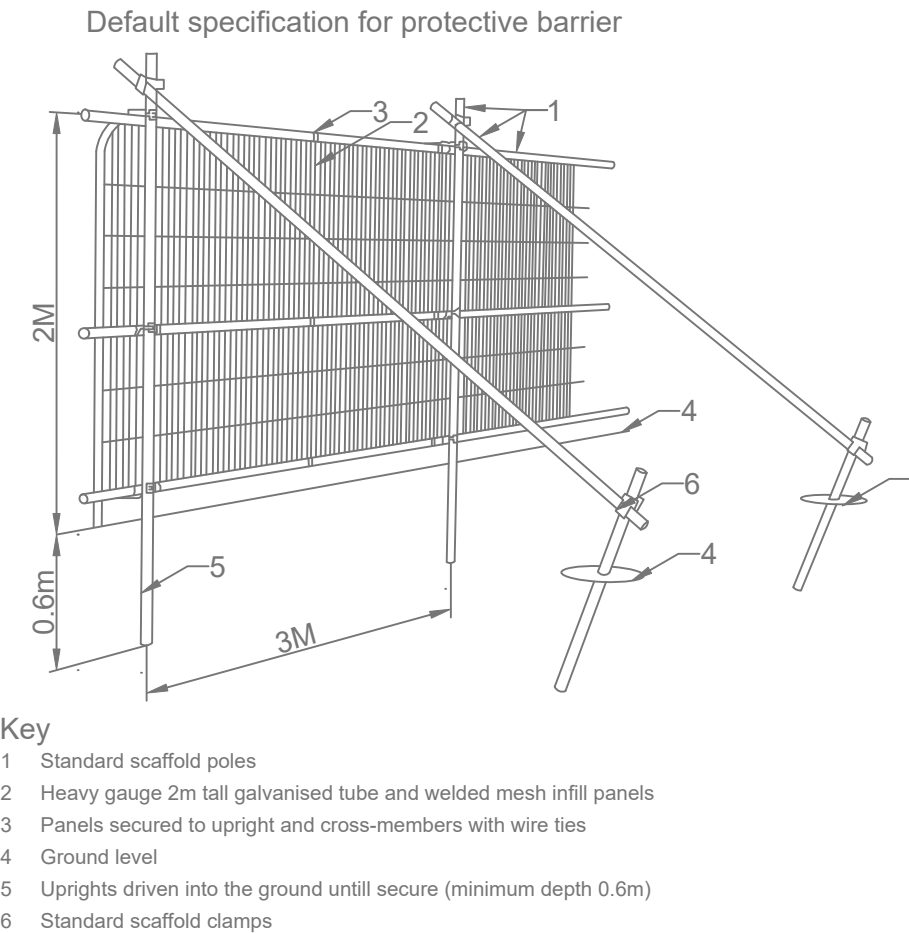
	BS 5837: 2012 Retention Category A Tree, Group or Hedge
	BS 5837: 2012 Retention Category B Tree, Group or Hedge
	BS 5837: 2012 Retention Category C Tree, Group or Hedge
	BS 5837: 2012 Category U Tree, Group or Hedge
	Retained Tree
	Removed Tree
	Extents of Pruning
	Position Estimated on Site
	Site Boundary

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Notes:-



Insert 1: Tree Protective Fencing Specification

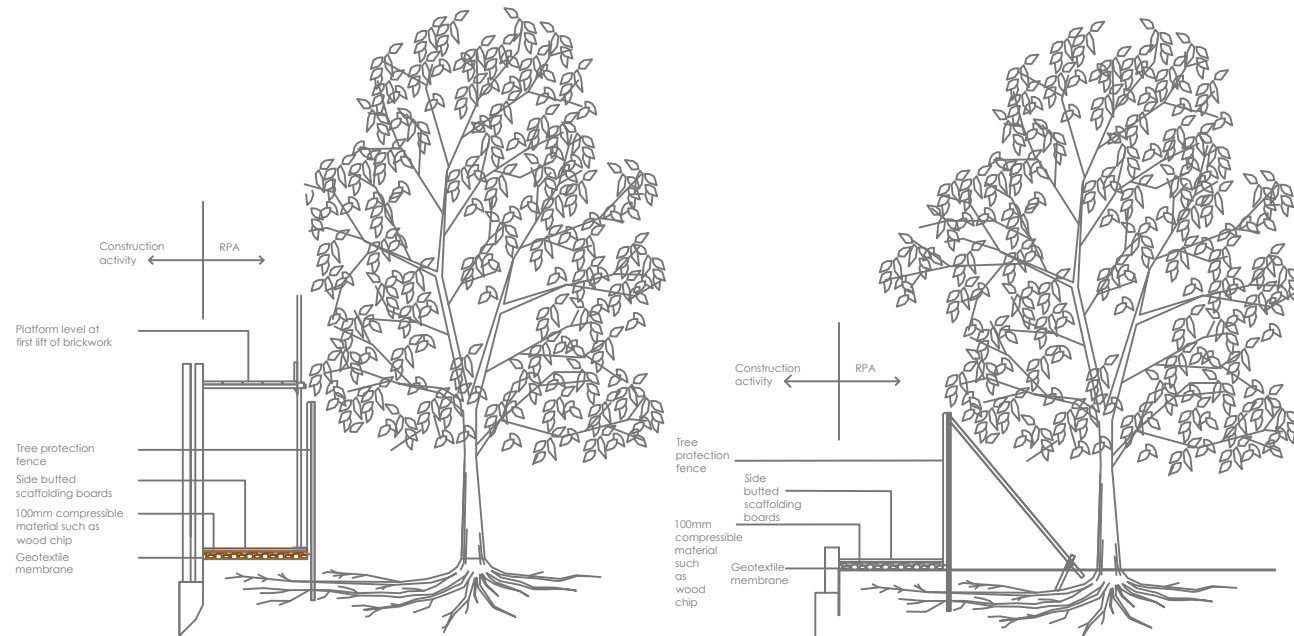


- Key
- Standard scaffold poles
 - Heavy gauge 2m tall galvanneal tube and welded mesh infill panels
 - Panels secured to upright and cross-members with wire ties
 - Ground level
 - Uprights driven into the ground until secure (minimum depth 0.6m)
 - Standard scaffold clamps

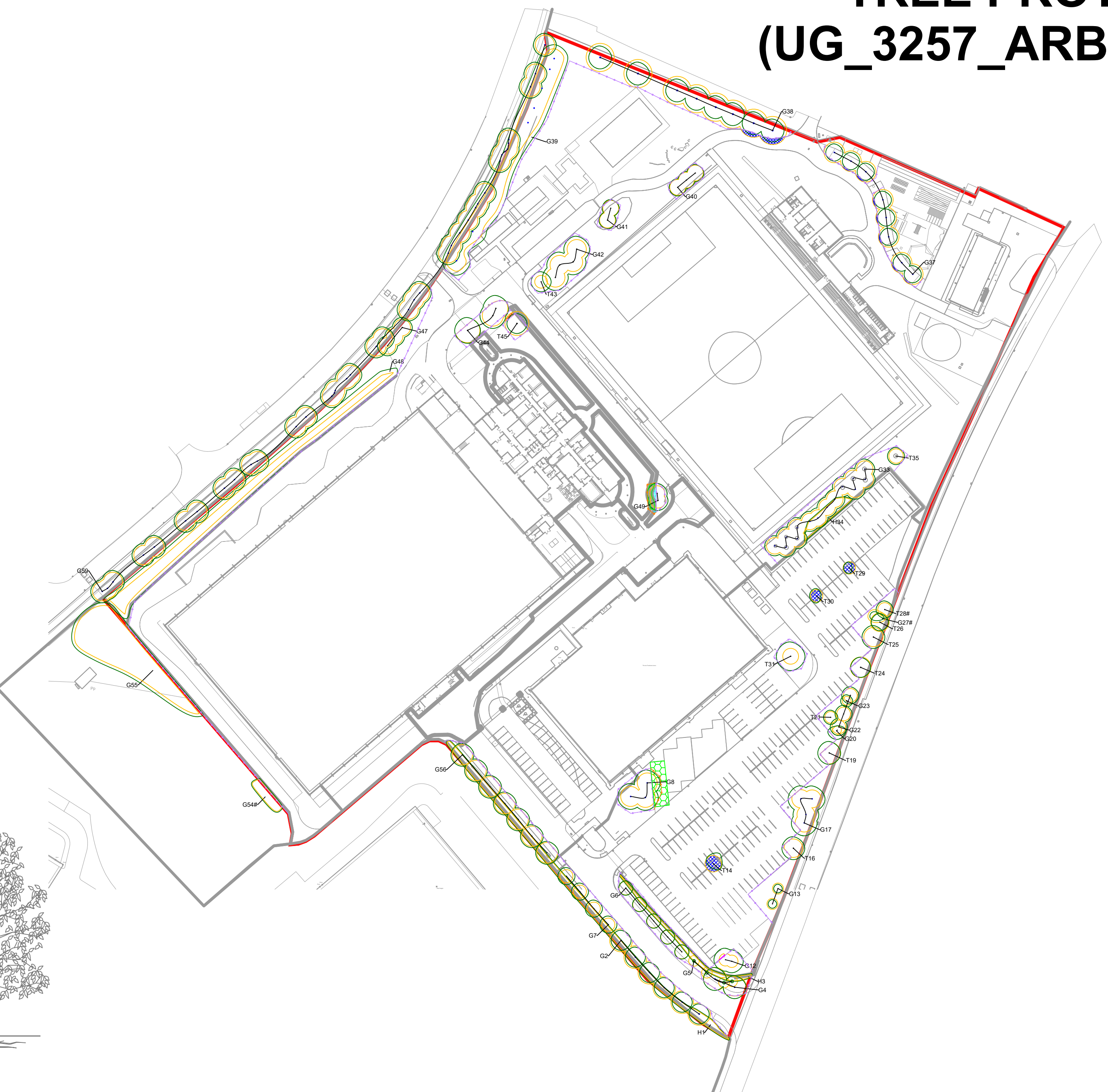
Insert 2: Tree Protection Notice



Insert 3: Ground Protection Specification



TREE PROTECTION PLAN
(UG_3257_ARB_TPP_01_REV_00)



	BS 5837: 2012 Retention Category A Tree, Group or Hedge
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	BS 5837: 2012 Retention Category C Tree, Group or Hedge
	BS 5837: 2012 Category U Tree, Group or Hedge
	Retained Tree
	Root Protection Area (RPA)
	Position Estimated on Site
	Redline Site Boundary
	Protective Fencing (See TPI Inserts 1 & 2)
	Phased Protective Fencing (See TPI Inserts 1 & 2)
	Ground Protection (See TPI Insert 3)
	Existing Hard Surface Retained
	Existing Hard Surface Removed
	Arboricultural Supervised Excavation
	Cellular Confinement System

REV.	DATE	DESCRIPTION	DRAWN	CHK'D

**U R B A N
G R E E N**

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Deva City Office Park, Trinity Way,
Manchester M3 7BF

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weareurbangreen.co.uk

Client:
THE LIVERPOOL FOOTBALL CLUB AND ATHLETICS GROUNDS LIMITED

Project:
LIVERPOOL FC ACADEMY, LIVERPOOL

Title:
ARBORICULTURAL METHOD STATEMENT

Issue:
PLANNING

Drawn: AH Checked: HL Approved: AH

Project: UG3257 Scale @ A0: N/A Date: 03/11/25

Dwg No: UG_3257_ARB_AMS_01 Revision: 00

3. Demolition within the site boundary

- 3.1. During demolition, the following restrictions will apply:
- 3.1.1. Where direct damage by falling masonry is likely, the tree will be protected by exterior grade plywood sheets constructed around the main stem.
- 3.1.2. The main body of any mechanical excavator will operate outside the RPA.
- 3.1.3. Masonry will be pulled away from trees where possible.
- 3.1.4. When breaking masonry, a fine water spray will be used to minimise dust particles.
- 3.1.5. Excessive dust particles on trees will be removed each day by spraying with water.
- 3.1.6. Hard surfaces will be kept in place for as long as possible during construction works in order to prevent soil compaction in the RPA.

4. Removal of Hard Surfaces

- 4.1. During surface removal, the following restrictions will apply:
- 4.1.1. Only hand operated tools will be used to lift existing surfaces and sub-base. No mechanical excavators are to be used.
- 4.1.2. No excavation below the existing sub-base will occur.
- 4.1.3. All surface removal within the RPA will be supervised by the Arboricultural Consultant.

5. Arboricultural Supervised Excavations and Root Pruning

- 5.1. Any necessary excavation must be carried out using hand tools to avoid direct damage to the protective bark of tree roots. It may be possible in some instances to use specialised equipment such as high air pressure machinery to excavate the soil with minimal disturbance to roots.
- 5.2. Exposed roots will be wrapped in dry, clean Hessian sacking to prevent desiccation and to protect from rapid temperature changes. In warmer weather, the sacking must be kept moist by regular watering. Sacking will be removed before backfilling.
- 5.3. Roots less than 25mm diameter may be pruned back, preferably to a growing point. A sharp cutting tool such as bypass secateurs or a handsaw will be used to leave the smallest wound possible. Roots greater than 25mm in diameter must be retained wherever possible.
- 5.4. Root pruning will be carried out under the supervision of the Arboricultural Consultant to ensure that only roots necessary to facilitate the development will be removed and the long-term well-being of retained trees is maintained.
- 5.5. Backfilling of any excavation must be carried out by hand to avoid direct root damage by excessive compaction and will include, where possible, the replacement of inert granular material mixed with sharp sand (not builder's sand) around retained roots.

EXTENTS OF SURFACE REMOVAL WITHIN RPA



EXTENTS ARBORICULTURAL SUPERVISED EXCAVATION WITHIN RPA



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BS 5837: 2012 Category U Tree, Group or Hedge

Retained Tree

Root Protection Area (RPA)

#

Position Estimated on Site

Redline Site Boundary

Protective Fencing (See TPI Inserts 1 & 2)

Phased Protective Fencing (See TPI Inserts 1 & 2)

Ground Protection (See TPI Insert 3)

Existing Hard Surface Retained

Existing Hard Surface Removed

Arboricultural Supervised Excavation

Cellular Confinement System

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URBAN GREEN

A: Ground Floor, The Tower,
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UG_3257_ARB_AMS_02

Revision:

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5. Cellular Confinement System

5.1. The new surface must utilise a Cellular Confinement system, or similar, to avoid compaction and undue damage to the rooting environment.

5.2. The four general principles that will require strictly upholding when designing a no dig solution within the RPA are:

- Roots must not be severed.
- Ground Levels must not be changed.
- Soil structure must not be damaged by compaction.
- Oxygen and water must be able to diffuse into the soil below.

5.3. A Cellular Confinement system will ensure that no excavation is required. This will therefore lead to an increase in ground levels.

5.4. The sequence of events for the installation of the cellular confinement system will be as follows:

5.4.1. Remove the surface vegetation within the footprint of the roadway up to 50mm.

5.4.2.A 40mm layer of washed sharp sand containing no fines or salt will be spread across the footprint of the roadway filling any hollows. High points must not be compacted though rolling.

5.4.3.Appropriate kerbing/edging will be set above ground level. The Cellular Confinement system may be retained using pins that are driven into the ground and supported by treated timber edging.

5.4.4.A geotextile membrane will be laid over the footprint of the roadway with each section overlapping by a minimum of 300mm.

5.4.5.Open out and lay the specified layer thickness of Cellular (to be confirmed by product manufacturer and engineer) and pin in place between the edging boards. It may be necessary to cut the Cellular Confinement system to size using a sharp knife or it can be left uncut and folded up against the edgings if preferred.

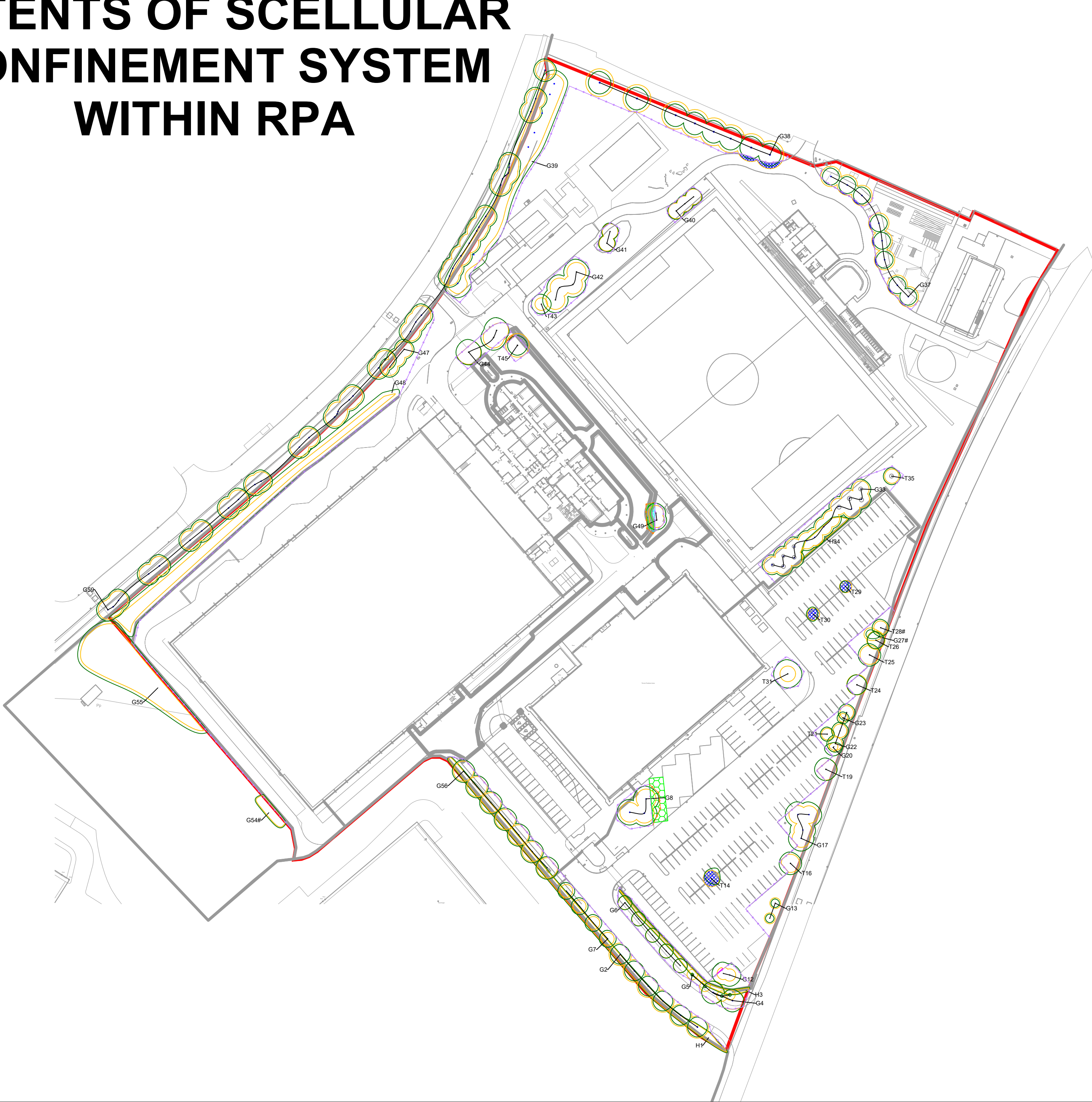
5.4.6.Ensure that the Cells are fully expanded by inserting steel fixing pins at approximately 1-2m spacings (depending on specific engineering requirements). Avoid tree root damage during the pinning process.

5.4.7.The Cells must be filled with clean, open graded angular aggregate, normally in the particle size range of 5mm - 45mm, not single sized or rounded aggregate. The project engineer may determine alternative fill materials.

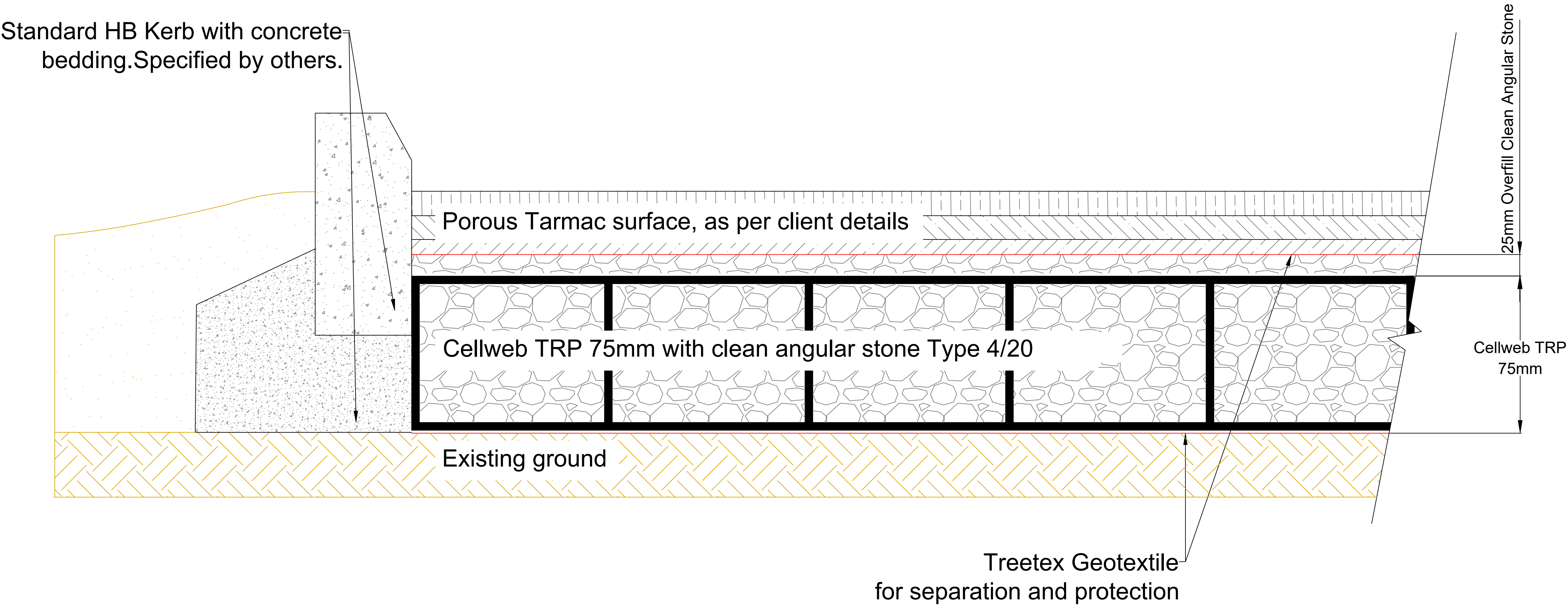
5.4.8.Do not roll the surface, a light vibratory compaction plate (whacker) may be permitted to settle the stone into the cells. Do not contaminate the filled cells with site debris, soil or mud.

5.4.9.Install the permeable pavement layer/wearing course.

EXTENTS OF SCELLULAR CONFINEMENT SYSTEM WITHIN RPA



Cellweb 75mm Porous Tarmac Surface Standard Detail



Note: Subbase could be required depending on the existing ground CBR % and the type of traffic on the surface.

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Retained Tree

Root Protection Area (RPA)

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Redline Site Boundary

Protective Fencing (See TPI Inserts 1 & 2)

Phased Protective Fencing (See TPI Inserts 1 & 2)

Ground Protection (See TPI Insert 3)

Existing Hard Surface Retained

Existing Hard Surface Removed

Arboricultural Supervised Excavation

Cellular Confinement System

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Title: ARBORICULTURAL METHOD STATEMENT					
Issue: PLANNING					
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Project:	UG3257	Scale @ A0:	N/A	Date:	03/11/25
Dwg No:	UG_3257_ARB_AMS_03			Revision:	00

Arboricultural Monitoring Schedule				
Task	Description	Person Responsible	Date	Signed
Work Schedule	Agree timeline of construction works, including key arboricultural works.	Site manager / Arboricultural Consultant		
Inspection of tree works	Ensure that all tree works have been completed in accordance with the schedule and in accordance with BS 3998 ' <i>Tree work - Recommendations</i> '.	Local Authority Tree Officer / Arboricultural Consultant		
Inspection of protective fencing	Inspection of protective fencing prior to any construction works beginning on site to ensure that it is installed in accordance with the Tree Protection Plan.	Local Authority Tree Officer / Arboricultural Consultant		
Supervised excavation with possible root pruning	Supervision of hand dig / air spade excavation in accordance with the Tree Protection Plan and root pruning as required by consultant.	Local Authority Tree Officer / Arboricultural Consultant		
Supervised hard surface removal	Supervision of removal of existing surfaces using hand tools in accordance with the Tree Protection Plan	Local Authority Tree Officer / Arboricultural Consultant		
Installation of cellular confinement system	Cellular confinement system to be installed in accordance with the suppliers specification.	Local Authority Tree Officer / Arboricultural Consultant / Supplier		
Inspection of protective fencing	Ad hoc inspection of protective fencing to ensure continued tree protection during construction.	Local Authority Tree Officer / Arboricultural Consultant		
Inspection of protective fencing.	Inspection and sign off of protective fencing upon completion of construction prior to its removal.	Local Authority Tree Officer / Arboricultural Consultant		

Site Attendee Contact Details			
Name	Title	Organisation	Contact Number

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Title:
ARBORICULTURAL METHOD STATEMENT - SIGN OFF

Issue:
PLANNING

Drawn: AH	Checked: HL	Approved: AH
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