

Arboricultural Method Statement (AMS)
Hogshaw Farm UG1795

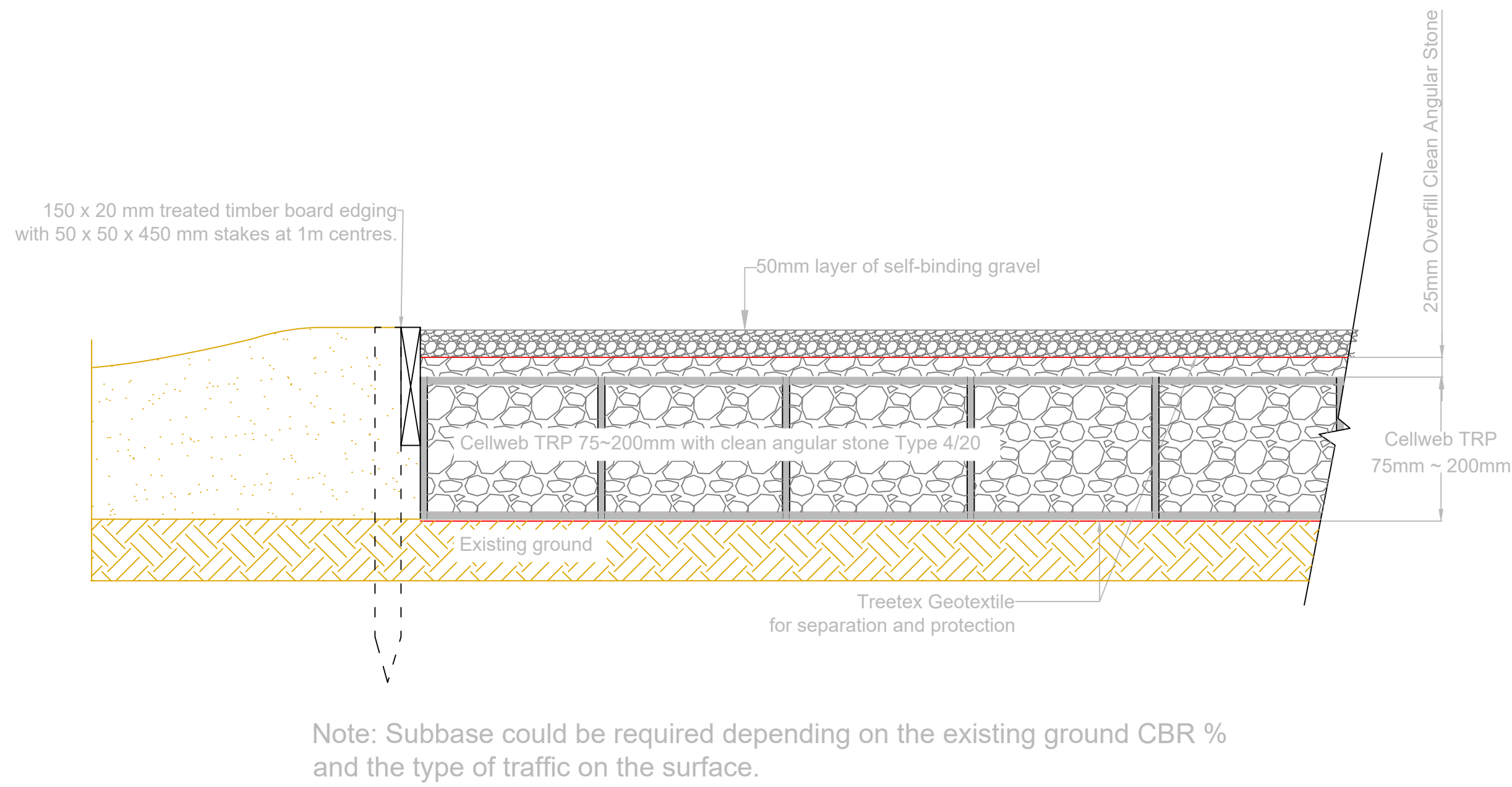
Construction work in close proximity to important trees, or with the Root Protection Area (RPA) of tree(s) due to be retained were identified within the Arboricultural Impact Assessment (AIA) ref UG_1795_ARB_AIA_REV_07_FINAL).

This AMS should be read in conjunction with the Tree Protection Plan, as it cross-references the Tree Protection Plan for each specific area of work.

The AMS aims to provide general guidelines to onsite personnel that must be followed when working close to trees on Construction sites. All site personnel should have access to this document and be made aware of any sections that may be relevant to their specific area of work.

It is essential to adhere to the recommendations within this document during on-site operations to ensure the successful retention of trees as part of the proposed development. Compliance with the AMS will be a requirement of all relevant contracts associated with the proposed development.

Cellweb 75~200mm Self Binding Gravel Footpath Standard Detail



Cellular Confinement System

The new surface must utilise a cellular confinement to avoid compaction and undue damage to the rooting environment.

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.

A cellular confinement system will ensure that no excavation is required. This will therefore lead to an increase in ground levels.

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

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

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.

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.

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

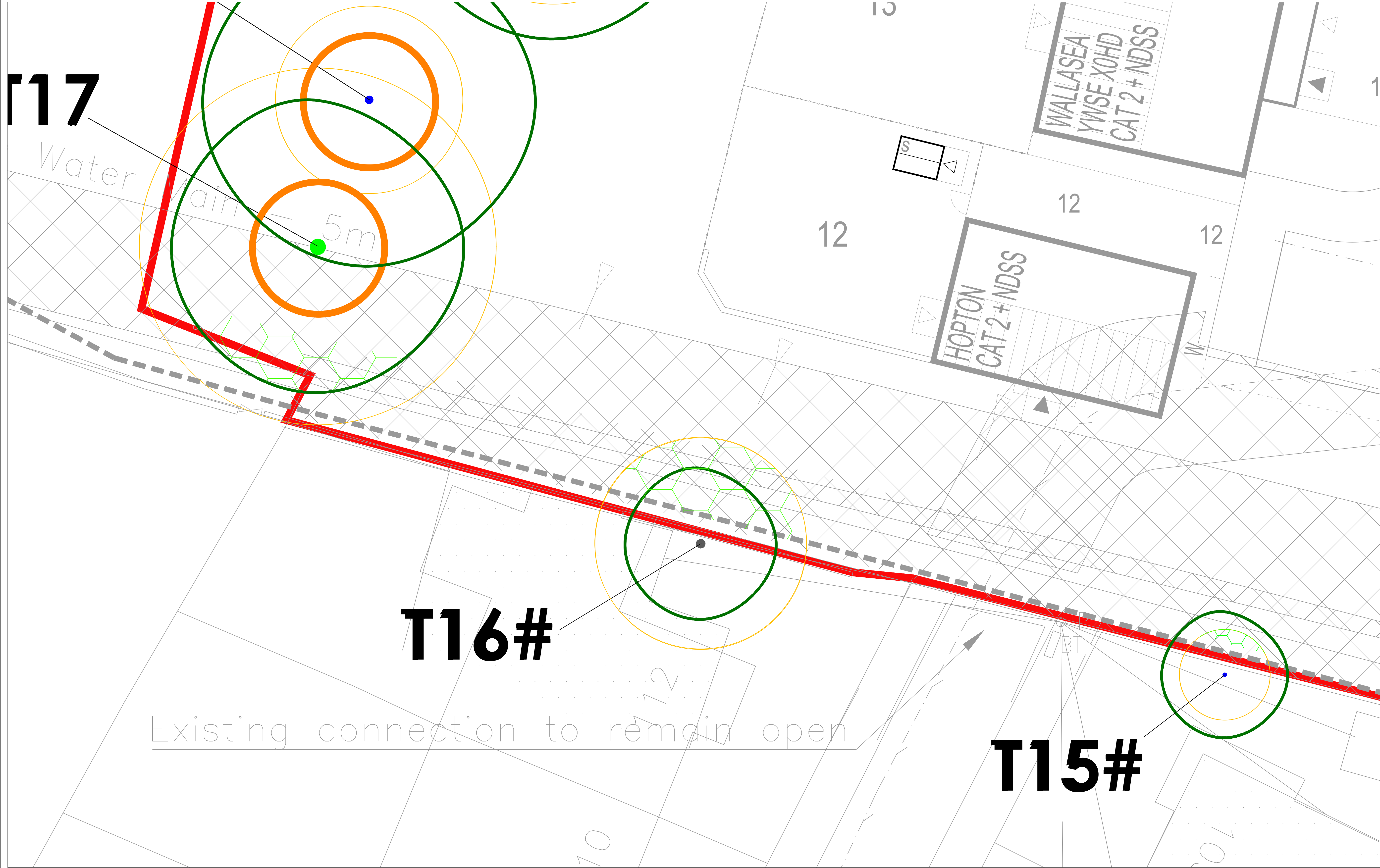
5.Open out and lay the specified layer thickness of cellular (to be confirmed by product manufacturer and engineer) and pin in place between the edging boards. It may be necessary to cut the cellular confinement system to size using a sharp knife or it can be left uncut and folded up against the edgings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

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.

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.

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.

9.Install the permeable pavement layer/wearing course



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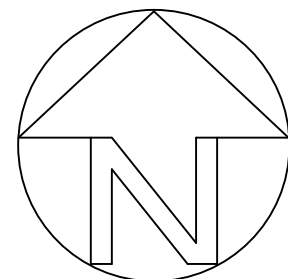
Contractors must check all dimensions from site

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Notes:-



	Category A tree, group or hedge
	Category B tree, group or hedge
	Category C tree, group or hedge
	Category U tree, group or hedge
	Retained tree
	Root Protection Area (RPA)
	Position estimated on site
	Cellular Confinement System

06	09/07/24	UPDATED LAYOUT	HL	AH
05	12/03/24	UPDATED LAYOUT	HL	AB
04	13/02/24	UPDATED LAYOUT	HL	AH
03	05/04/23	UPDATED LAYOUT	AH	AB
02	22/03/23	UPDATED LAYOUT	AH	AB
01	17/03/23	UPDATED REDLINE BOUNDARY	AH	AB
REV.	DATE	DESCRIPTION	DRAWN	CHK'D



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MANCHESTER**

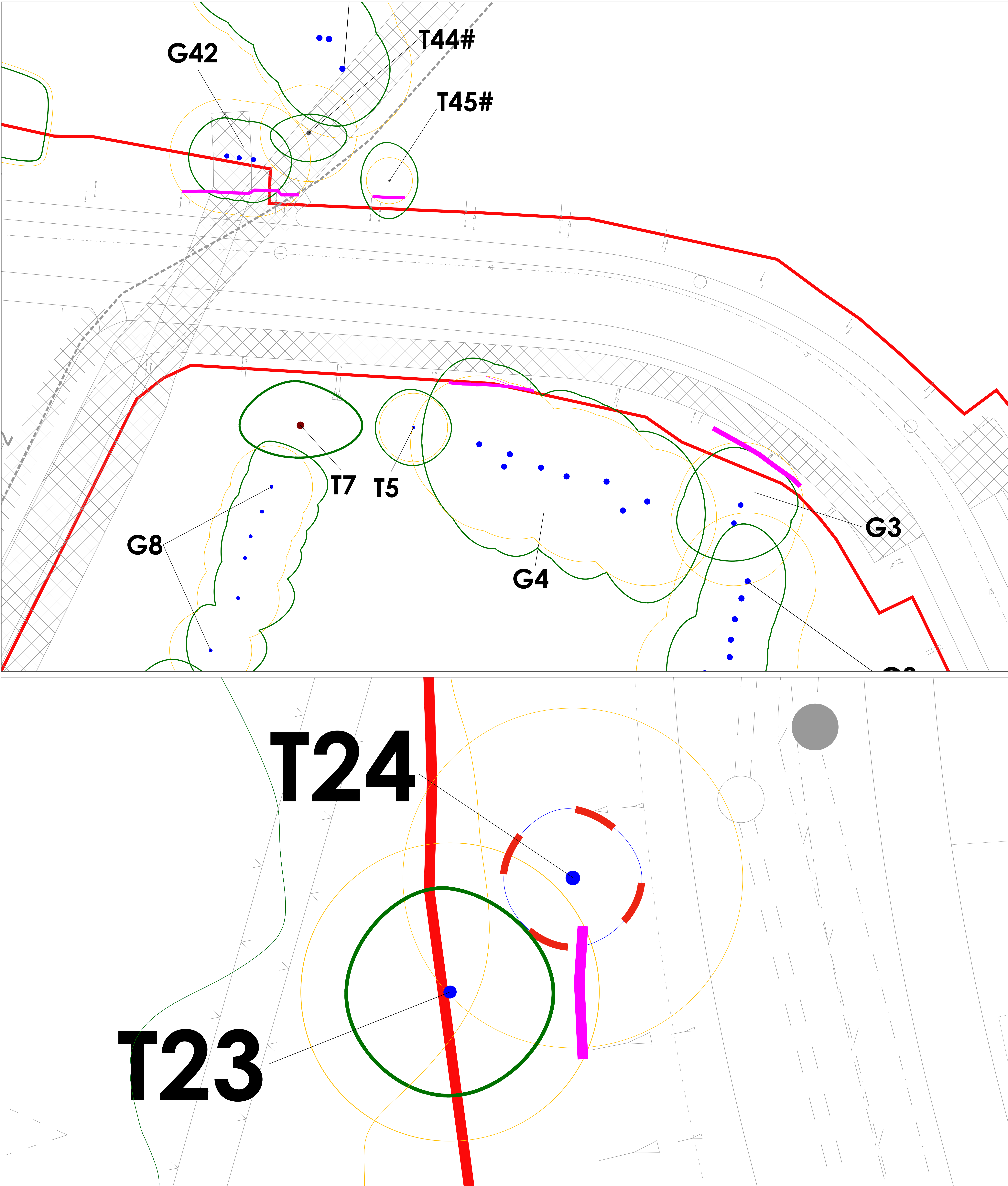
Project:
UG1795 HOGSHAW FARM

Title:
**ARBORICULTURAL
METHOD STATEMENT**

Issue:		PLANNING			
Drawn:	AB	Checked:	RH	Approved:	AB
Project:	UG1795	Scale @ A0:	NTS	Date:	05/03/24
Dwg No:	UG_1795_ARB_AMS_01			Revision:	05

Arboricultural Method Statement (AMS)
Hogshaw Farm UG1795
Excavations and Root Pruning

- 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.
- 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 should be kept moist by regular watering. Sacking should be removed before backfilling.
- 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 should be used to leave the smallest wound possible. Roots greater than 25mm in diameter should be retained wherever possible.
- Root pruning should 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.
- Backfilling of any excavation should be carried out by hand to avoid direct root damage by excessive compaction and should include, where possible, the replacement of inert granular material mixed with sharp sand (not builder's sand) around retained roots.



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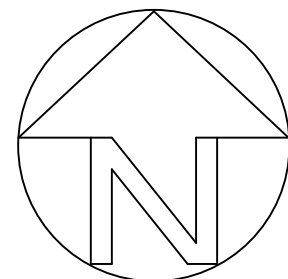
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	Category B tree, group or hedge
	Category C tree, group or hedge
	Category U tree, group or hedge
	Retained tree
	Root Protection Area (RPA)
	Position estimated on site
	Arboricultural Supervised Excavations

05	09/07/24	UPDATED LAYOUT	HL	AH
04	12/03/24	UPDATED LAYOUT	HL	AB
03	14/02/24	UPDATED LAYOUT	HL	AH
02	22/03/23	UPDATED LAYOUT	AH	AB
01	17/03/23	UPDATED REDLINE BOUNDARY	AH	AB
REV.	DATE	DESCRIPTION	DRAWN	CHK'D



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Client: **BARRETT HOMES,
MANCHESTER**

Project: **UG1795 HOGSHAW FARM**

Title: **ARBORICULTURAL
METHOD STATEMENT**

Issue: **PLANNING**

Drawn: AB	Checked: RH	Approved: AB
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Project: UG1795	Scale @ A0: N/A	Date: 24/01/23
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Dwg No: UG_1795_ARB_AMS_02	Revision: 04
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Arboricultural Monitoring Schedule				
Task	Description	Person Responsible	Date	Signed
Work Schedule	Agree timeline of construction works, including key arboricultural works.	Site manager / Arboricultural Consultant/ HPBC Tree Officer		
Inspection of tree works	Ensure that all tree works have been completed in accordance with the schedule and in accordance with BS 3998: 2010.	HPBC Tree Officer and/or 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.	Arboricultural consultant		
Arboricultural supervised excavation	Supervision of excavation within root protection areas to facilitate construction of highway batters, with root pruning if required.	Arboricultural consultant		
Inspection of protective fencing	Ad hoc inspection of protective fencing to ensure continued tree protection during construction.	Arboricultural consultant		
Installation of cellular confinement system	Supervision of installation of cellular confinement system to ensure it is installed in accordance with the suppliers specification.	Supplier / Arboricultural consultant		

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Project:		HOGSHAW FARM			
Title:		ARBORICULTURAL METHOD STATEMENT - SIGN OFF			
Issue:		PLANNING			
Drawn:	AB	Checked:	RH	Approved:	AB
Project:	UG1795	Scale @ A0:	N/A	Date:	24/01/23
Dwg No:	UG_1795_ARB_AMS_04			Revision:	04