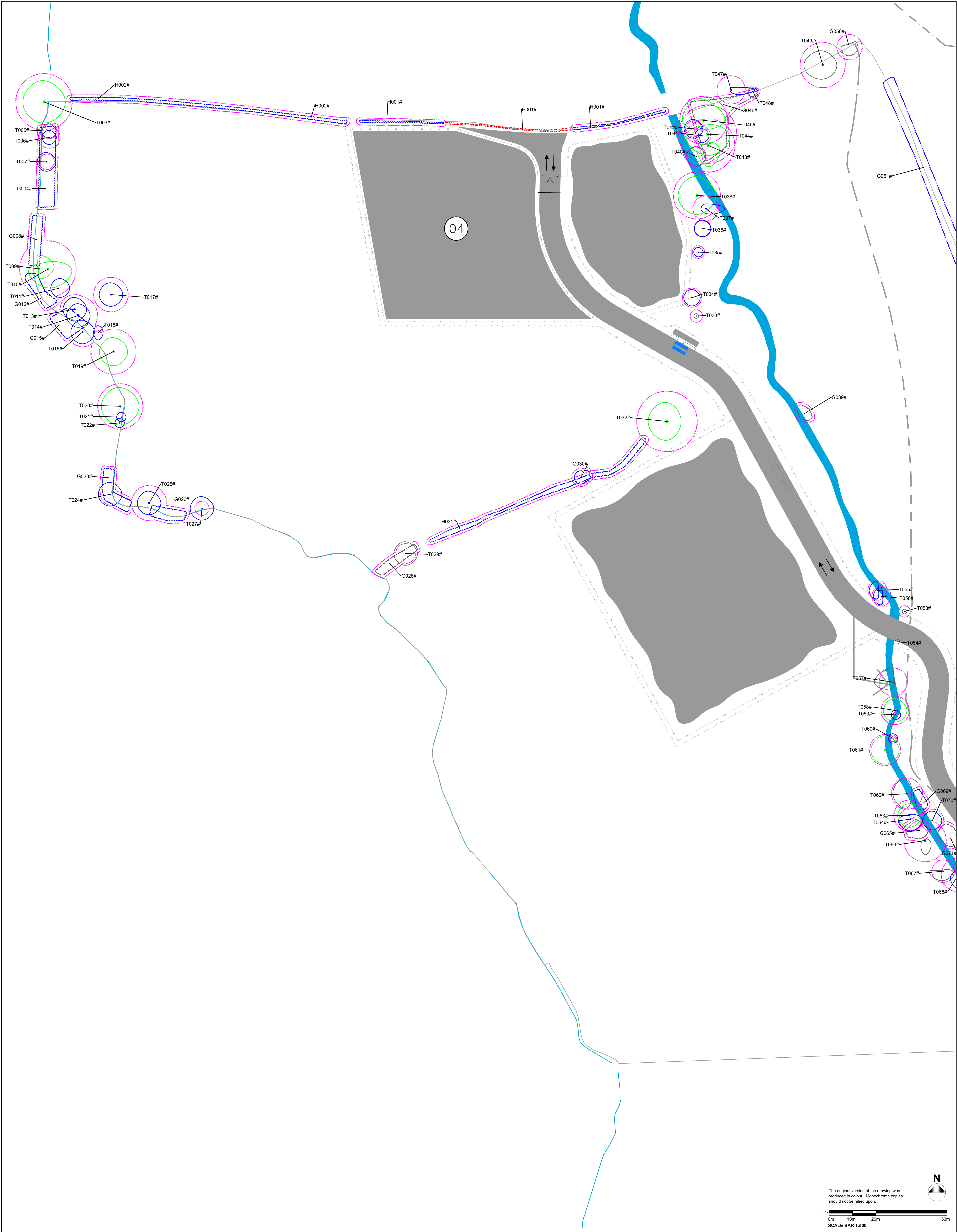
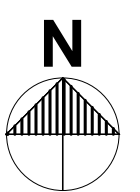




The original version of the drawing was produced in colour. Monochrome copies should not be relied upon.



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

3RD-PARTY INFORMATION
NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

KEY

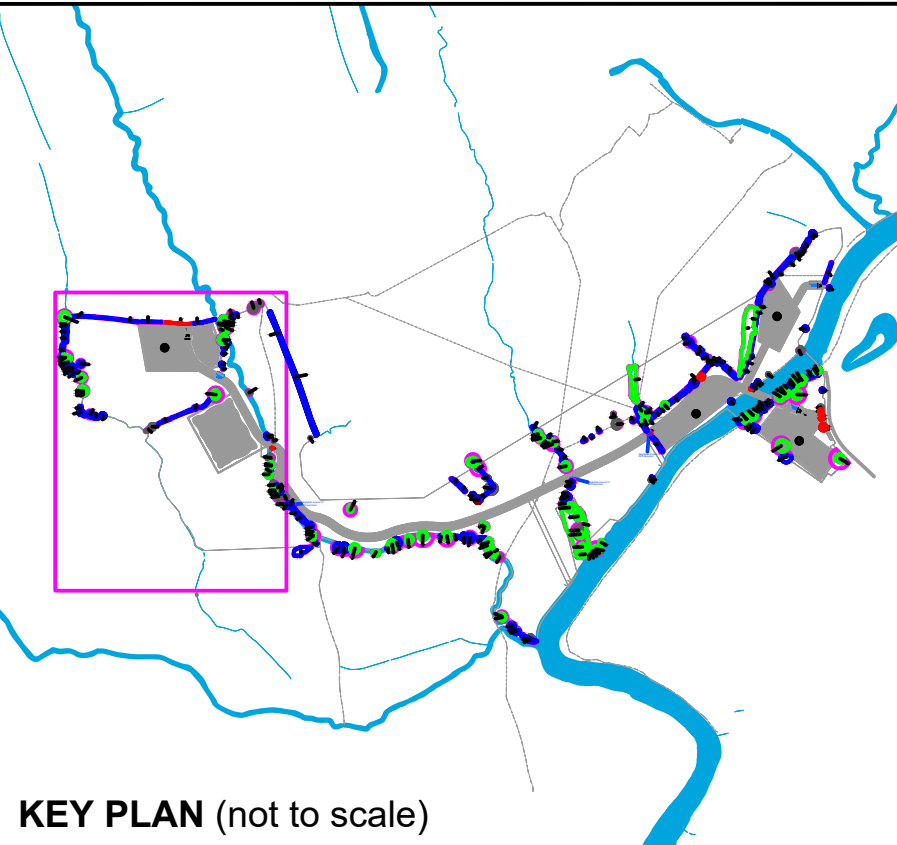
○ Stem Location
Location Estimated

Tree Categories (BS 5837:2012)

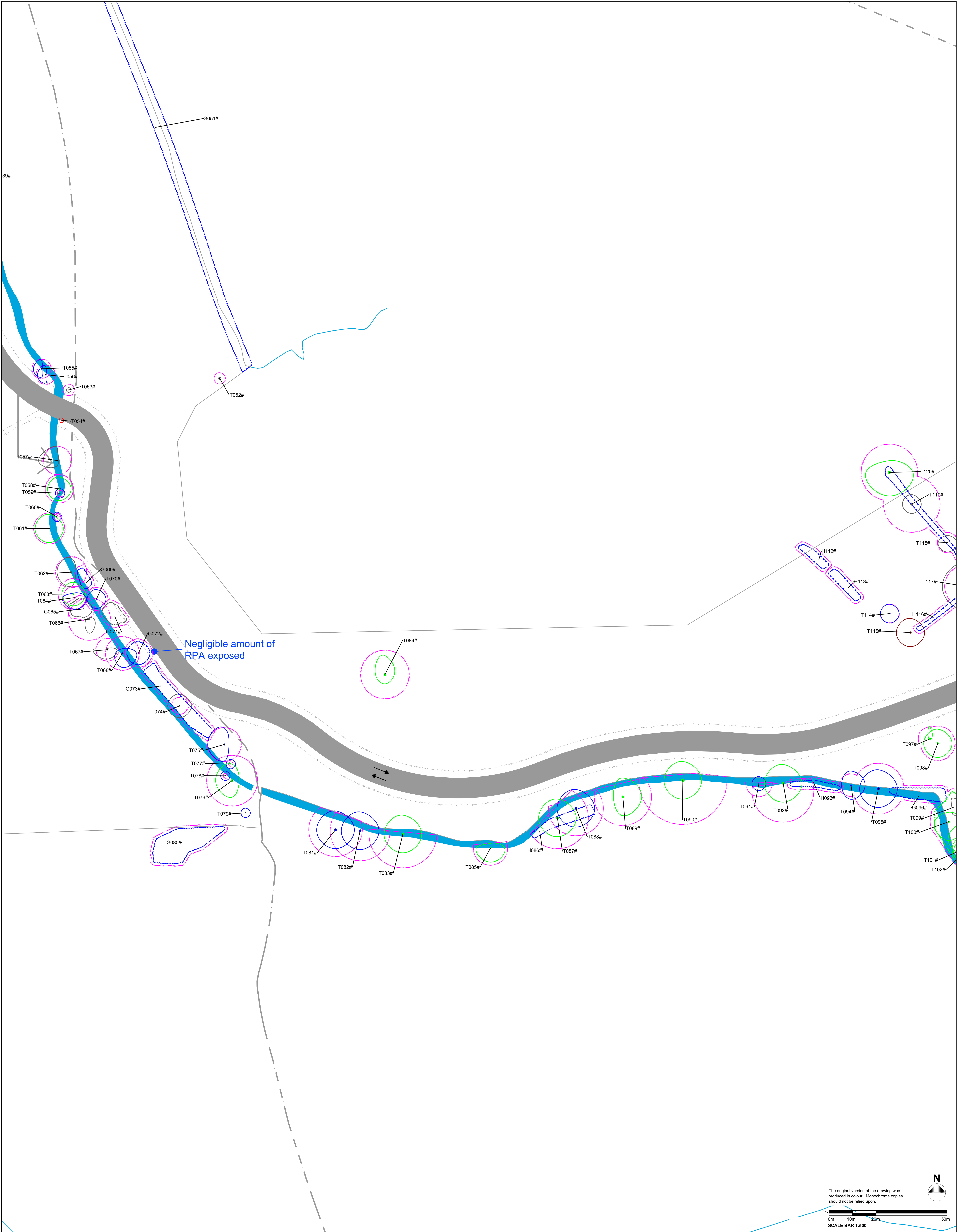
○ Category A Trees
○ Category B Trees
○ Category C Trees
○ Tree to be Removed

Root Protection Area (RPA)

KEY PLAN (not to scale)



A	15.04.26	LE	CTLN	Updated design layout	
REV	DATE	DRAWN BY	CHECKED BY	REVISION COMMENT	
 CuraTerra				MOC, Signal Road Wythenshawe Manchester, M22 5WB Tel: 0161 3020280 www.curaterra.co.uk	
Job 25992-4 - Ribble Crossing					
Title Figure 4 - Tree Impacts Plan					
By	Date	Scale @ A0		Drg. no.	
LE	Dec 2025	1:500		25991-4-ARB-06	



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) – BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

3RD-PARTY INFORMATION
NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

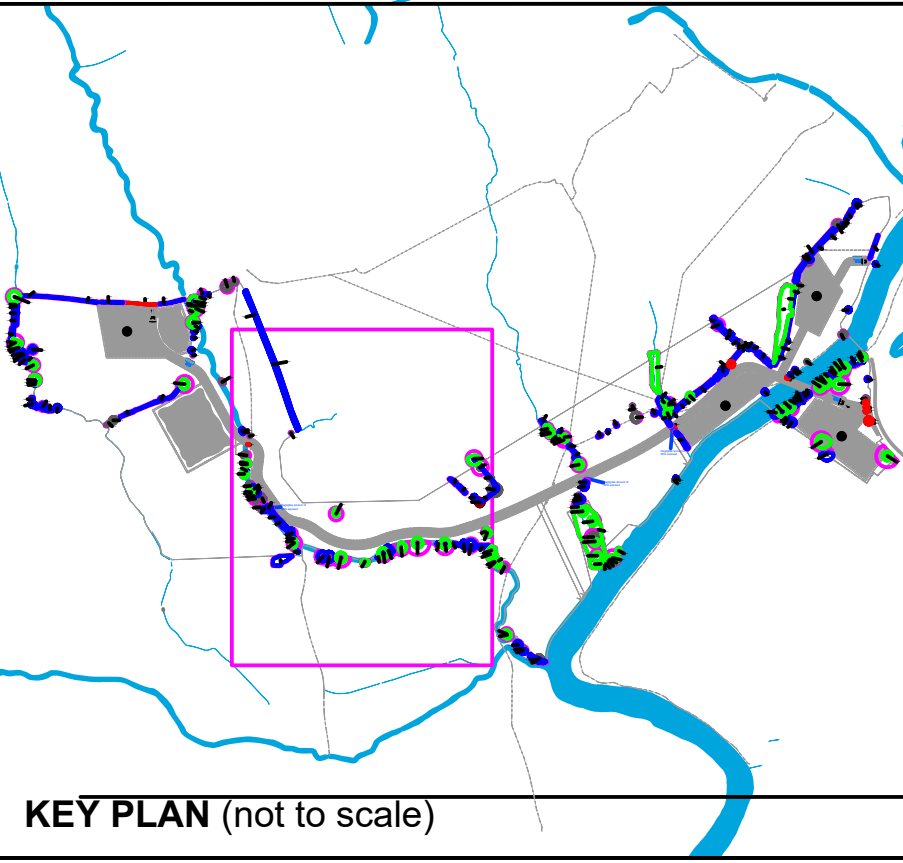
KEY

Stem Location	Location Estimated

Tree Categories (BS 5837:2012)

Category A Trees	Category B Trees	Category C Trees	Category U Trees	Tree to be Removed

Root Protection Area (RPA)



The original version of the drawing was produced in colour. Monochrome copies should not be relied upon.

0m 10m 20m 50m
SCALE BAR 1:500

Curaterrae

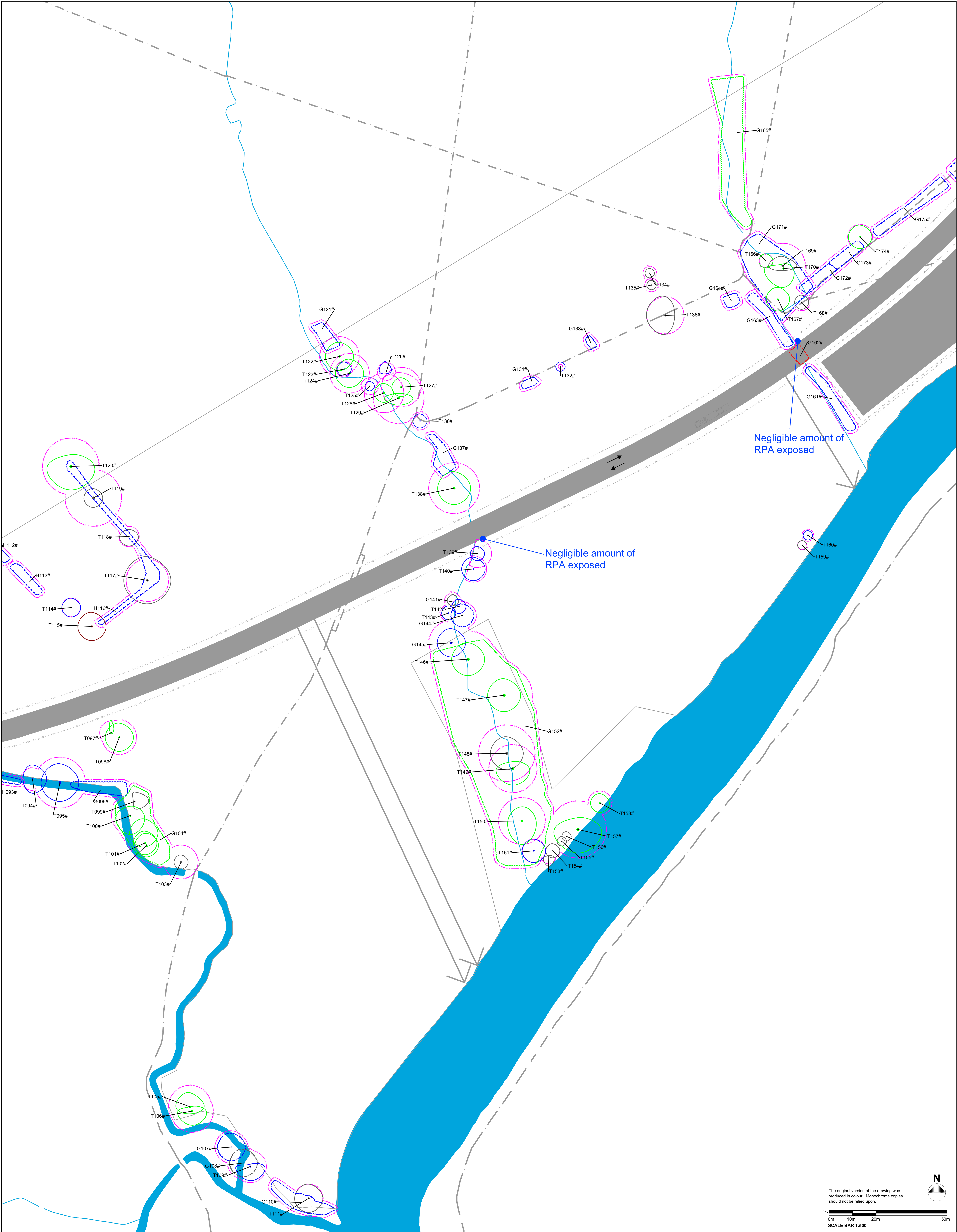
Job
25992-4 - Ribble Crossing

Title
Figure 4 - Tree Impacts Plan

By LE	Date Dec 2025	Scale @ A0 1:500	Drg. no. 25991-4-ARB-06
-----------------	-------------------------	----------------------------	-----------------------------------

A	15.04.26	LE	CTLN	Updated design layout
REV	DATE	DRAWN	CHECKED	REVISION COMMENT
		BY	BY	

MOC, Spital Road
Wythenshawe
Manchester, M22 5AN
Tel: 0161 3050380
www.curaterrae.co.uk



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) – BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

3RD-PARTY INFORMATION
NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

KEY

Stem Location

Location Estimated

Tree Categories (BS 5837:2012)

Category A Trees

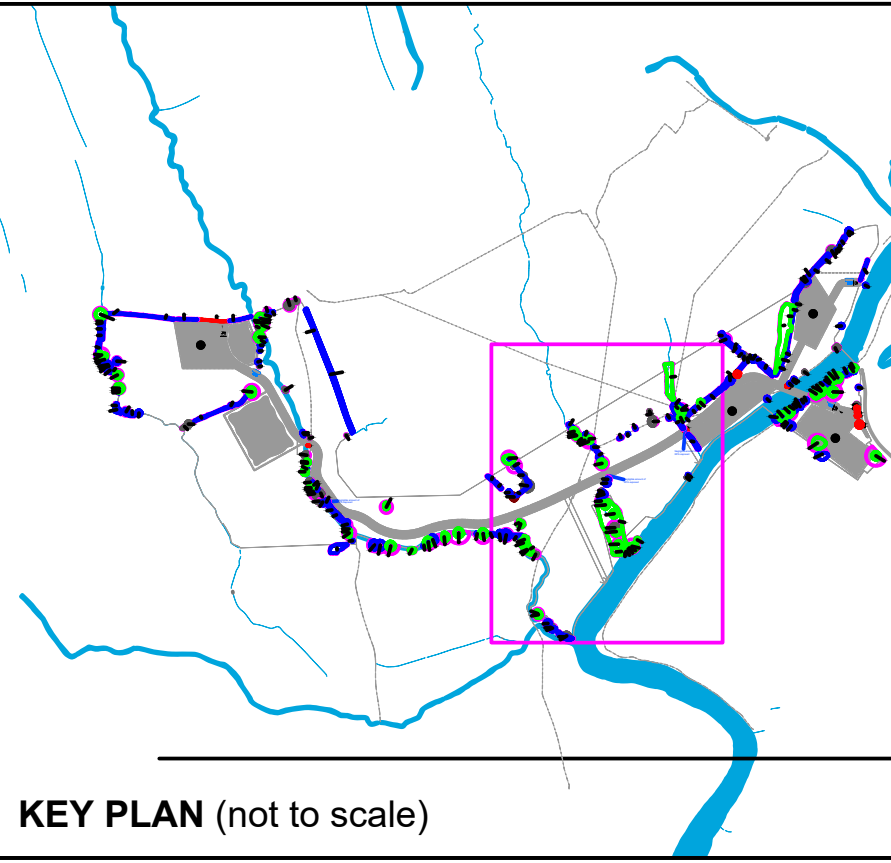
Category B Trees

Category C Trees

Category U Trees

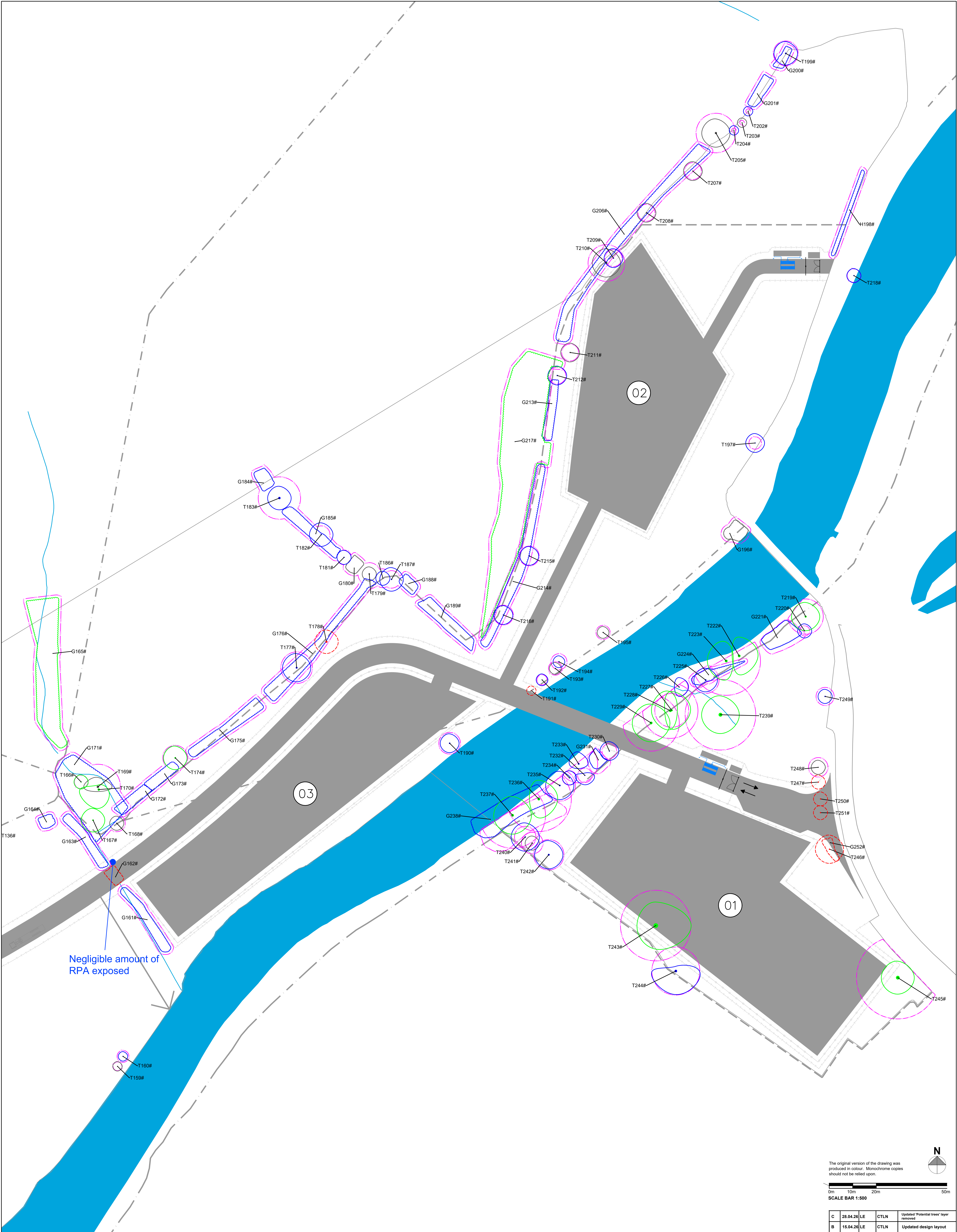
Tree to be Removed

Root Protection Area (RPA)



The original version of the drawing was produced in colour. Monochrome copies should not be relied upon.

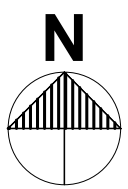
A	15.04.26	LE	CTLN	Updated design layout	
REV	DATE	DRAWN BY	CHECKED BY	REVISION COMMENT	
Job 25992-4 - Ribble Crossing					
Title Figure 4 - Tree Impacts Plan					
By	Date	Scale @ A0	Dwg. no.		
LE	Dec 2025	1:500	25991-4-ARB-07		



The original version of the drawing was produced in colour. Monochrome copies should not be relied upon.

0m 10m 20m 50m

SCALE BAR 1:500



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

KEY

○ Stem Location # Location Estimated

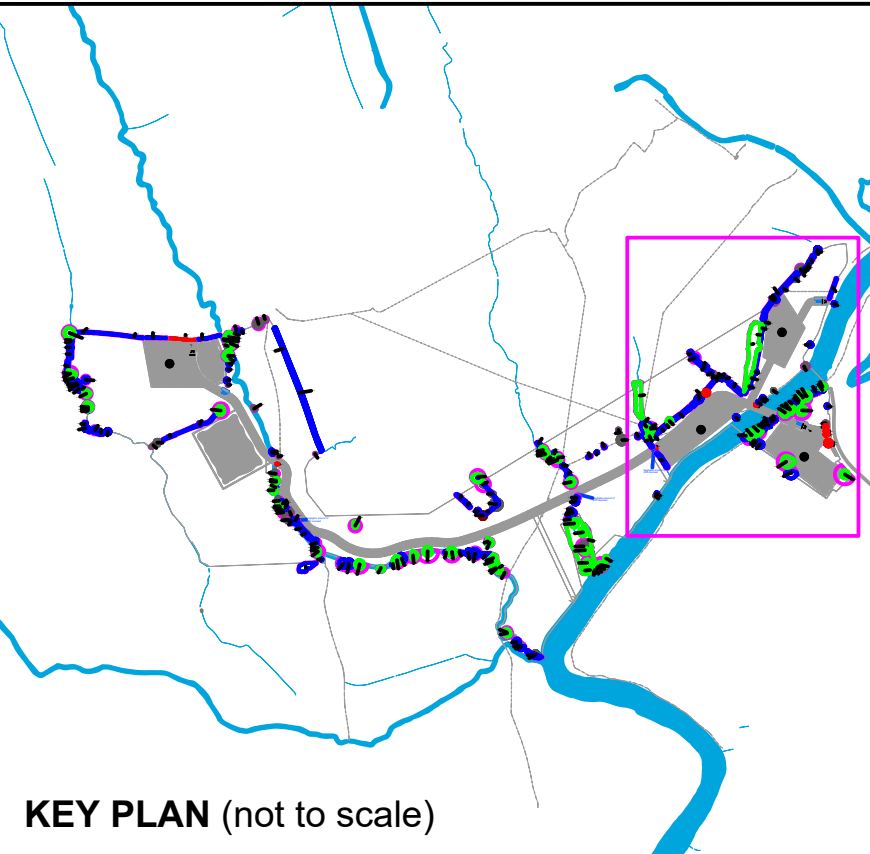
Tree Categories (BS 5837:2012)

○ Category A Trees ○ Category B Trees ○ Category C Trees ○ Tree to be Removed

--- Root Protection Area (RPA)

3RD-PARTY INFORMATION

NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.



KEY PLAN (not to scale)

C	28.04.26	LE	CTLN	Updated 'Potential trees' layer removed
B	15.04.26	LE	CTLN	Updated design layout
A	22/01/26	LE	NA	Updated tree removals
REV	DATE	DRAWN BY	CHECKED BY	REVISION COMMENT

CuraTerrae

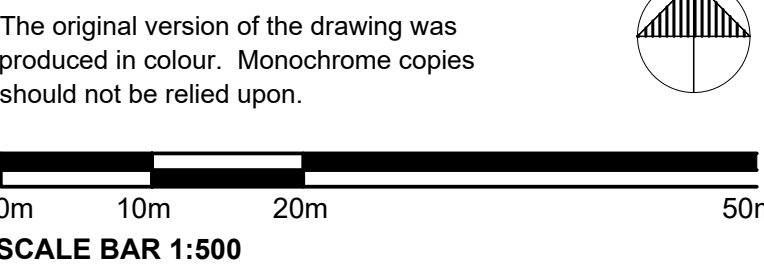
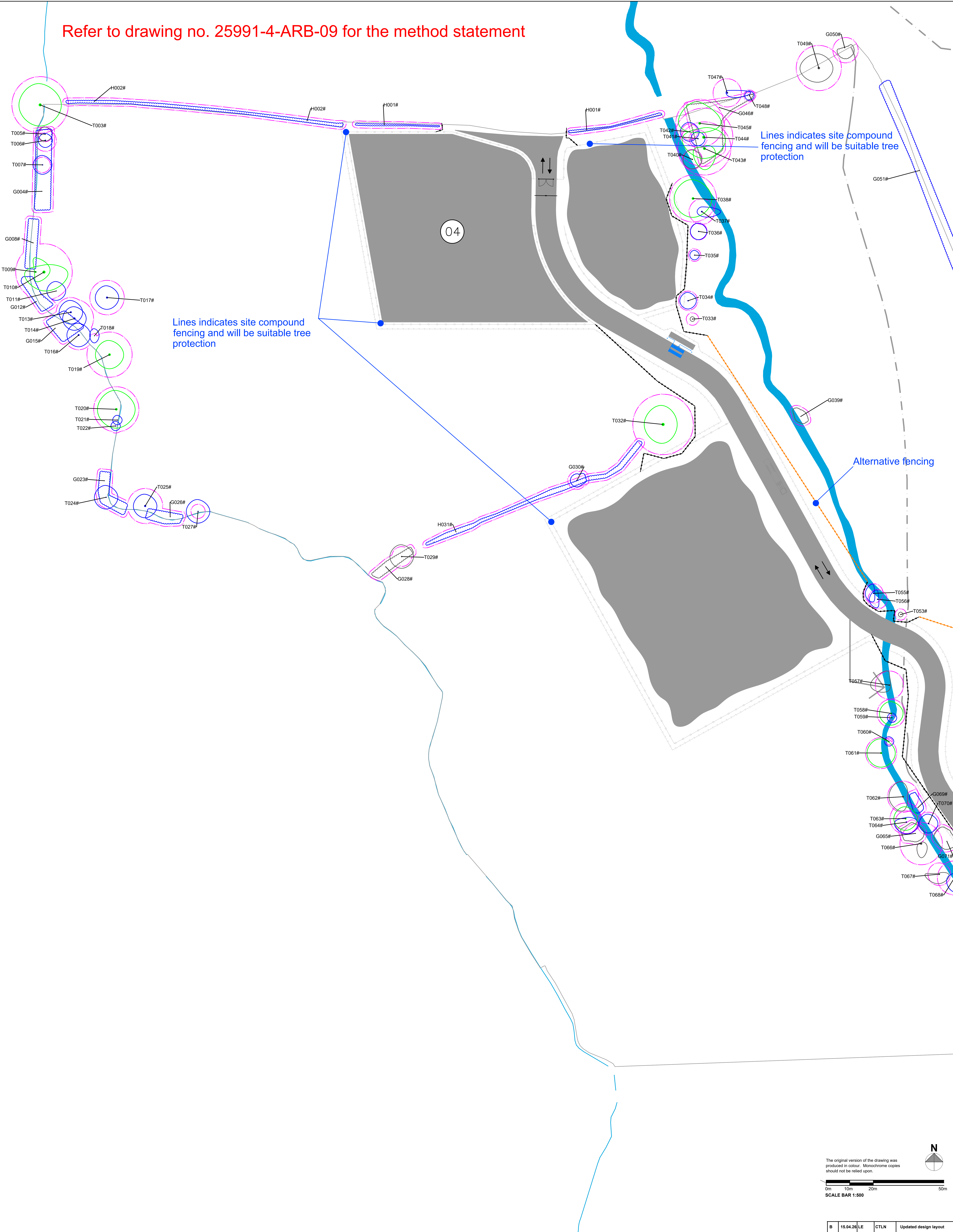
MOC, Rydal Road
Wythenshawe,
Manchester, M22 5WB
Tel: (0161) 3020380
www.curaterrae.co.uk

Job
25992-4 - Ribble Crossing

Title
Figure 4 - Tree Impacts Plan

By	Date	Scale @ A0	Drg. no.
LE	Dec 2025	1:500	25991-4-ARB-08

Refer to drawing no. 25991-4-ARB-09 for the method statement



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

3RD-PARTY INFORMATION
NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

KEY

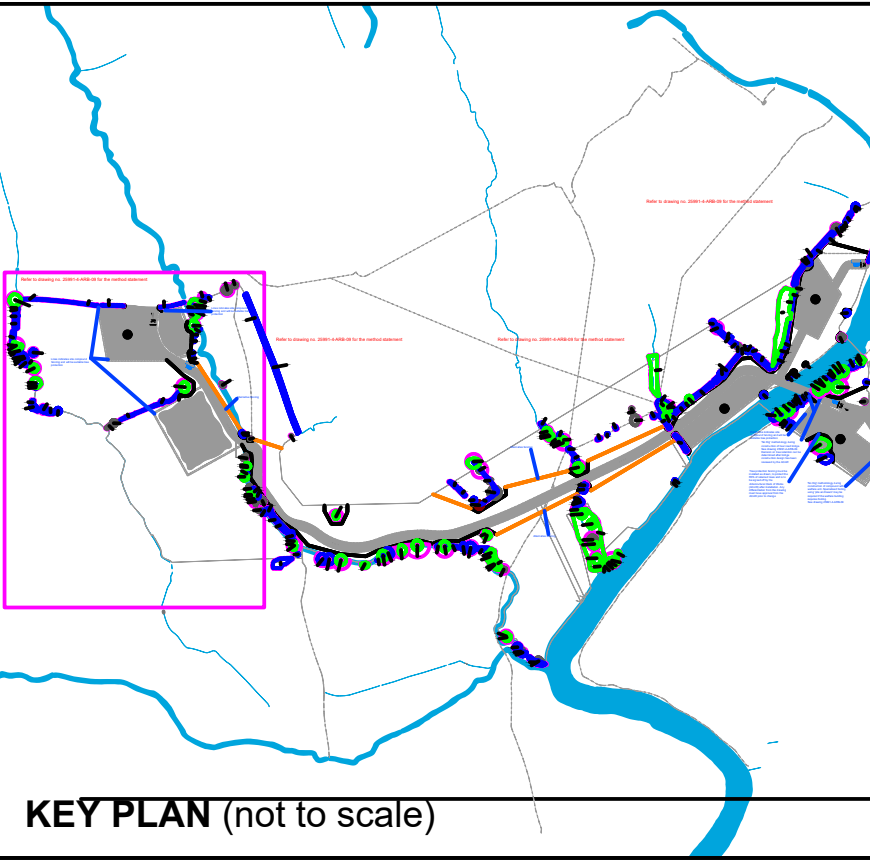
Stem Location Location Estimated

Tree Categories (BS 5837:2012)

Category A Trees Category B Trees Category C Trees

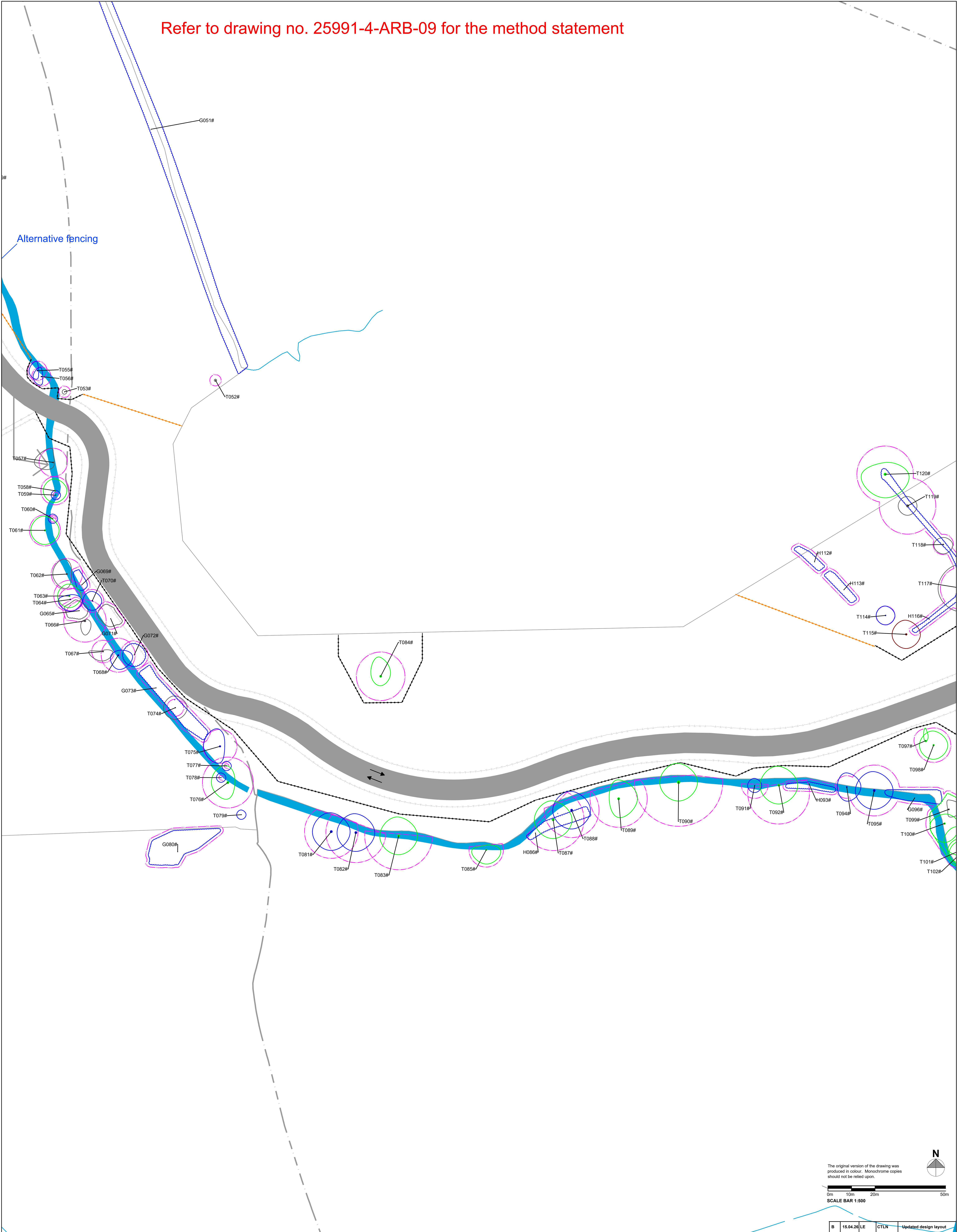
Root Protection Area (RPA)
Tree Protection Fencing*
Temporary Ground Protection*
No-Dig Construction*
Alternative Tree Protection Fencing*

*See note on drawing



B	15.04.26	LE	CTLN	Updated design layout
A	Dec 25	LE	CTLN	Updated tree protection fencing
REV	DATE	DRAWN	CHECKED	REVISION COMMENT
		BY	BY	
Job 25991-4 - Ribble Crossing				
Title Figure 5 - Arboricultural Method Statement				
By	Date	Scale @ A0	Drg. no.	
LE	Dec 2025	1:500	25991-4-ARB-10	

Refer to drawing no. 25991-4-ARB-09 for the method statement



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

3RD-PARTY INFORMATION
NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

KEY

Stem Location
Location Estimated

Tree Categories (BS 5837:2012)

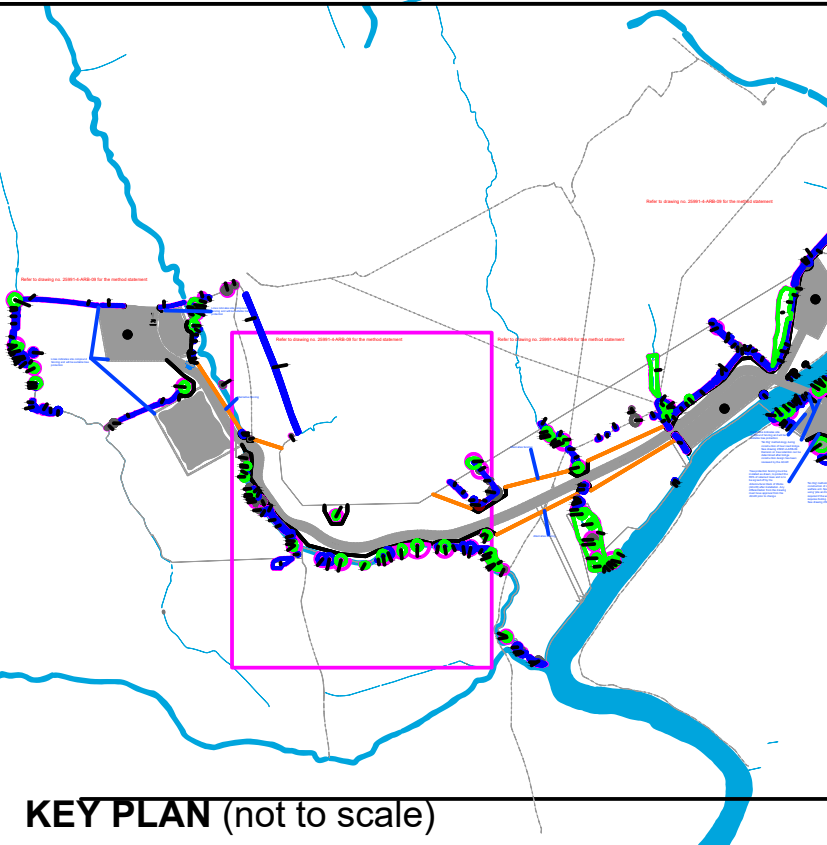
Category A Trees
Category B Trees
Category C Trees
Category U Trees

Root Protection Area (RPA)
Tree Protection Fencing*
Temporary Ground Protection*
No-Dig Construction*
Alternative Tree Protection Fencing*

*See note on drawing

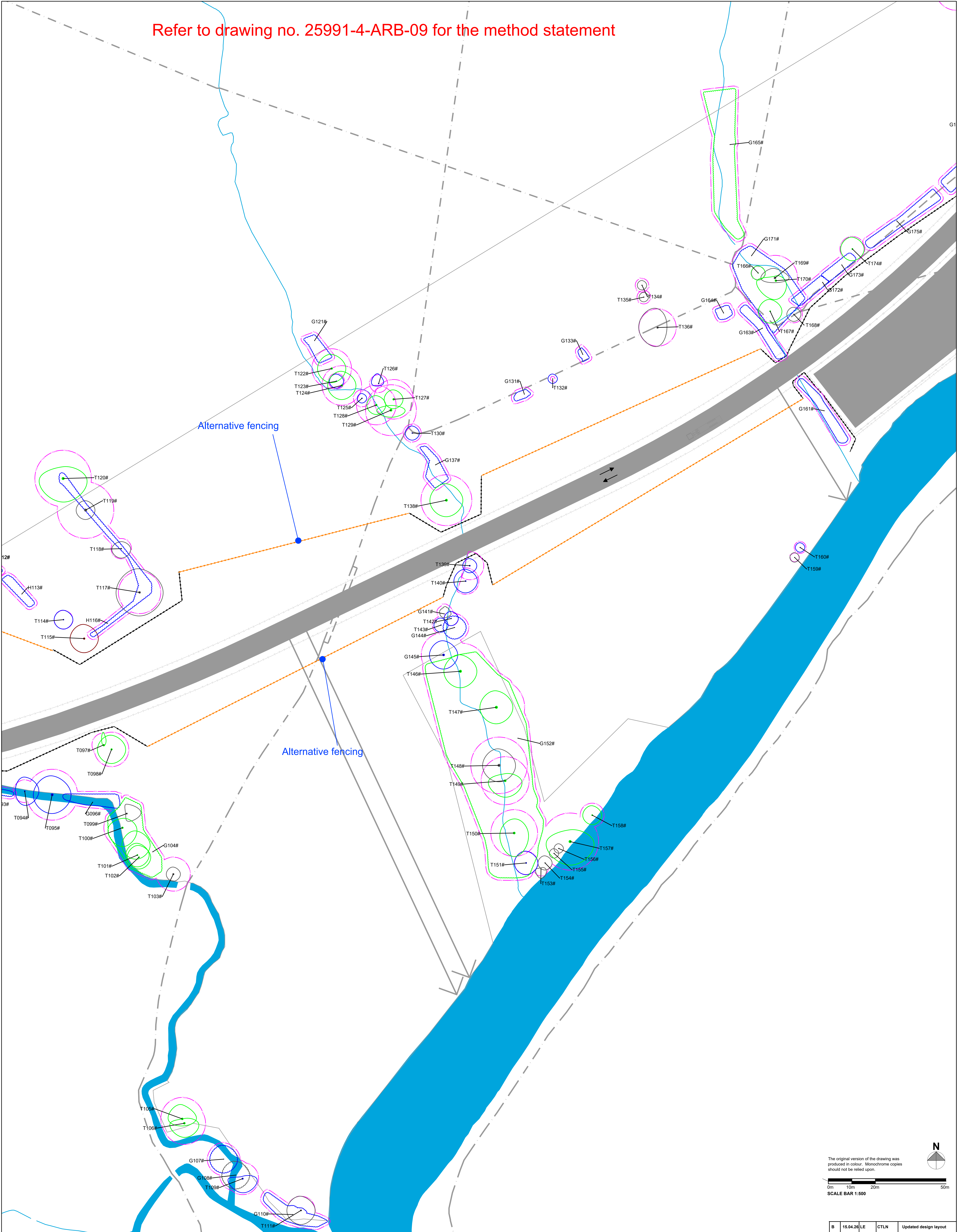
The original version of the drawing was produced in colour. Monochrome copies should not be relied upon.

0m 10m 20m 50m
SCALE BAR 1:500



B	15.04.26	LE	CTLN	Updated design layout
A	Dec 25	LE	CTLN	Updated tree protection fencing
REV	DATE	DRAWN	CHECKED	REVISION COMMENT
BY	BY	BY	BY	
CuraTerrae				
Job 25991-4 - Ribble Crossing				
Title Figure 5 - Arboricultural Method Statement				
By LE	Date Dec 2025	Scale @ A0 1:500	Drg. no. 25991-4-ARB-11	

Refer to drawing no. 25991-4-ARB-09 for the method statement



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd.
- This drawing is Copyright.

3RD-PARTY INFORMATION

NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

KEY

Stem Location

Location Estimated

Tree Categories (BS 5837:2012)

Category A Trees

Category B Trees

Category C Trees

Category U Trees

Root Protection Area (RPA)

Tree Protection Fencing*

Temporary Ground Protection*

No-Dig Construction*

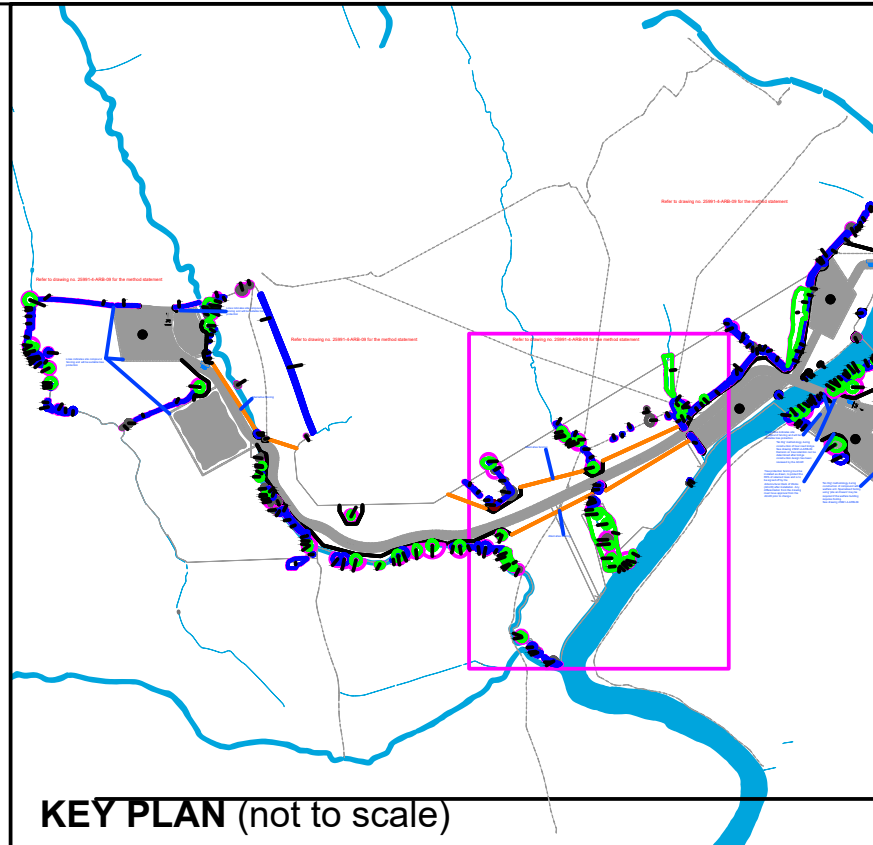
Alternative Tree Protection Fencing*

*See note on drawing

The original version of the drawing was produced in colour. Monochrome copies should not be relied upon.

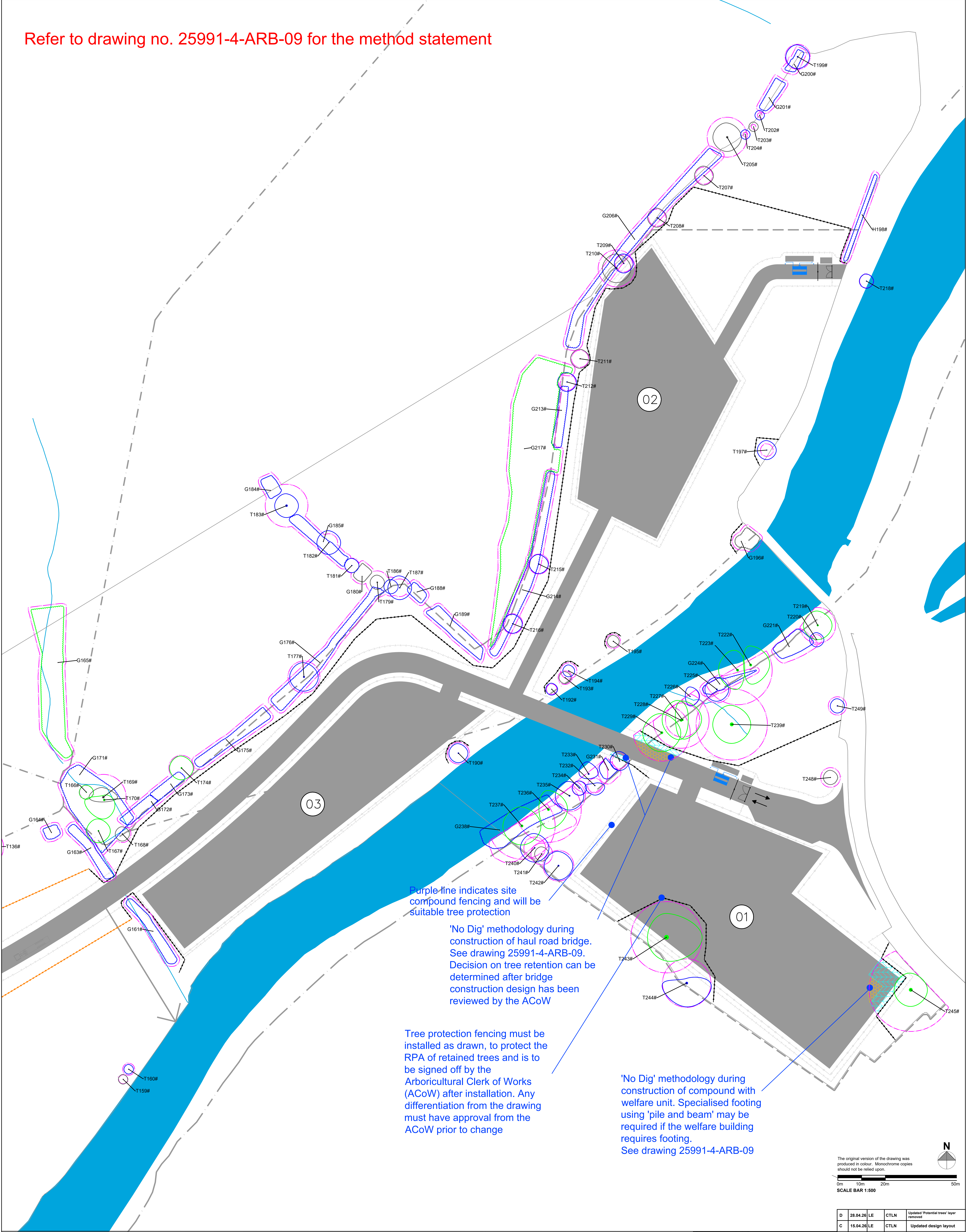
0m 10m 20m 50m

SCALE BAR 1:500



B	15.04.26	LE	CTLN	Updated design layout
A	Dec 25	LE	CTLN	Updated tree protection fencing
REV	DATE	DRAWN	CHECKED	REVISION COMMENT
BY	BY	BY	BY	
MOC: Royal Road, Wythenshawe, M22 5NR, Tel: (0161) 3000280, www.curaterrae.co.uk				
Job 25991-4 - Ribble Crossing				
Title Figure 5 - Arboricultural Method Statement				
By	Date	Scale @ A0	Dwg. no.	
LE	Dec 2025	1:500	25991-4-ARB-12	

Refer to drawing no. 25991-4-ARB-09 for the method statement



GENERAL NOTES

- Refer to arboricultural report produced by Cura Terrae Ltd titled 'Waddington (Ribble Crossing) - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement'.
- Based on topographic survey provided by the client.
- Building layout and masterplan provided by the client.
- Refer to Engineer's details for level and drainage information.
- Check all dimensions on site.
- Do not scale from this drawing.
- Report any discrepancies and omissions to Cura Terrae Ltd
- This drawing is Copyright.

3RD-PARTY INFORMATION

NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Cura Terrae Ltd can accept no liability for its context or accuracy.

KEY

Stem Location

Location Estimated

Tree Categories (BS 5837:2012)

Category A Trees

Category B Trees

Category C Trees

Root Protection Area (RPA)

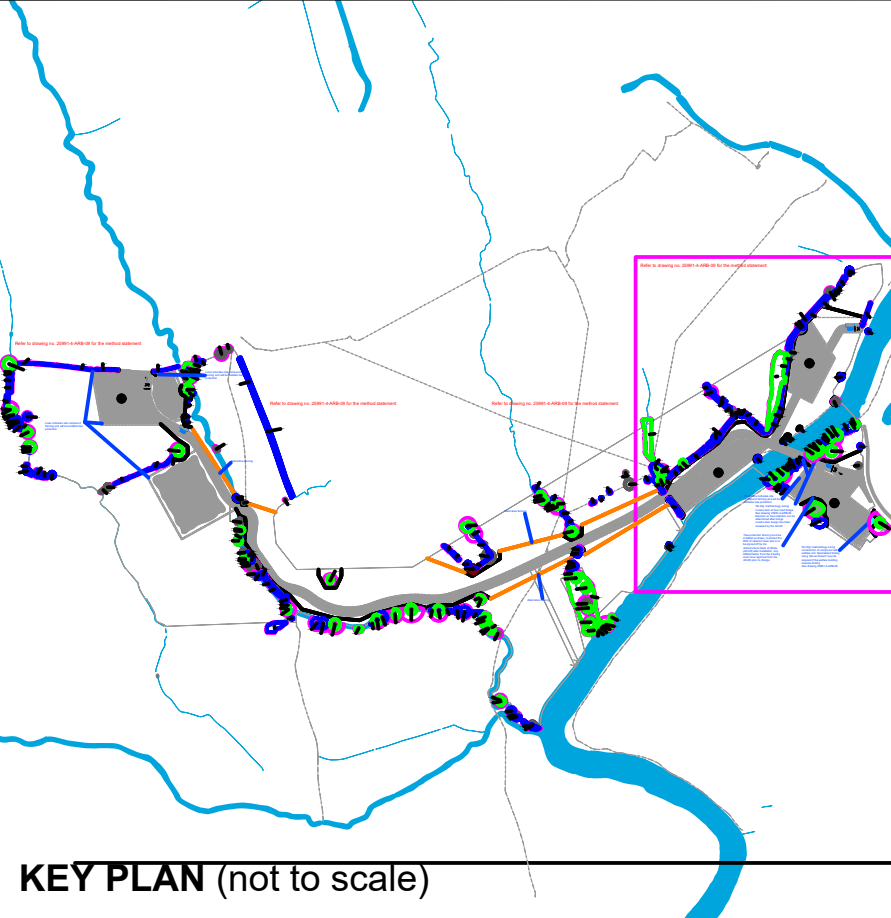
Tree Protection Fencing*

Temporary Ground Protection*

No-Dig Construction*

Alternative Tree Protection Fencing*

*See note on drawing



D	28.04.26	LE	CTLN	Updated 'Potential trees' layer removed
C	15.04.26	LE	CTLN	Updated design layout
B	22/01/26	LE	NA	Updated tree removals
A	Dec 25	LE	CTLN	Updated tree protection fencing
REV	DATE	DRAWN	CHECKED	REVISION COMMENT
		BY	BY	
CuraTerrae				
Job: 25991-4 - Ribble Crossing				
Title: Figure 5 - Arboricultural Method Statement				
By	Date	Scale @ A0	Drg. no.	
LE	Dec 2025	1:500	25991-4-ARB-13	

Appendix 4: Tree Protection Signage



Tree Protection Area



Keep Out!

Trees enclosed by this fence are protected by planning conditions and may be subjects of a tree preservation order (Town & Country Planning Act 1990).

Contravention of tree preservation orders may lead to criminal prosecution.

Any incursion into the protected area must be with the written permission of the local planning authority or under the supervision of the Project Arboriculturist.

For any issues relating to this tree protection area please call us on:
0114 266 9292

Appendix 5: Suffolk County Council Ash Die Back Canopy Description



The Issue

Identifying the symptoms of Ash Dieback in large trees can be difficult, so a system was needed to enable easy description of the current state of an Ash Tree. Tree Canopy assessment has been widely used since the late 1980's across Europe based on work produced in Switzerland in 1986. In 1990 the Forestry Commission produced a book – '[Assessment of Tree Condition](#)' to enable a standard system for describing the condition of a tree based on the percentage of existing canopy remaining.

Using this methodology Suffolk County Council undertook to describe the health of an Ash in Suffolk.

The steps undertaken

During the summer of 2013/14 Suffolk County Council assessed and photographed Ash across the county. They determined that there were 4 useful categories to describe Ash canopies. The categories chosen were

- 100% full canopy,
- 75% canopy,
- 50% canopy
- and 25% canopy.

These are represented photographically in the pictures at the end of this Case Study.

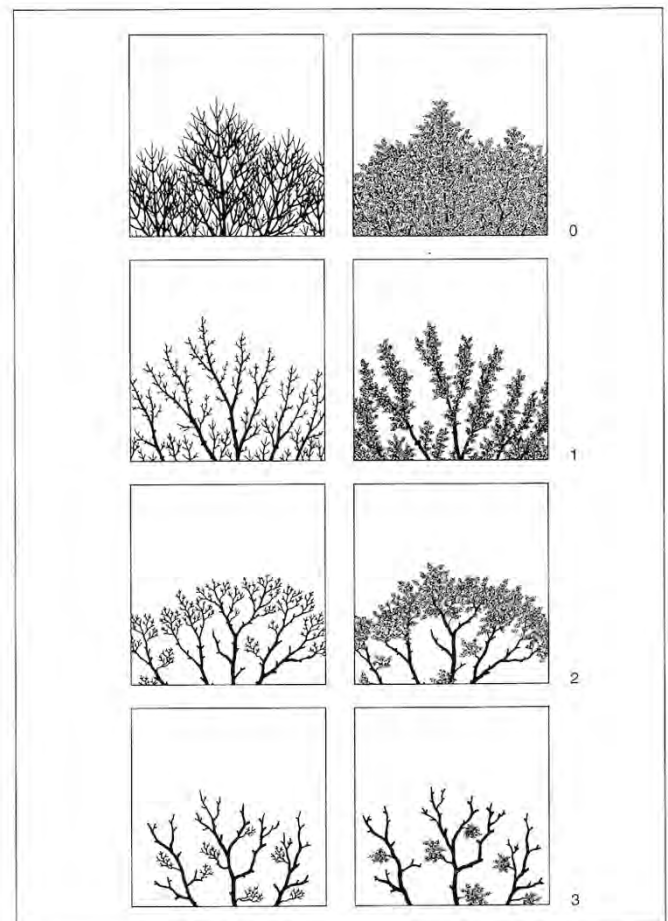
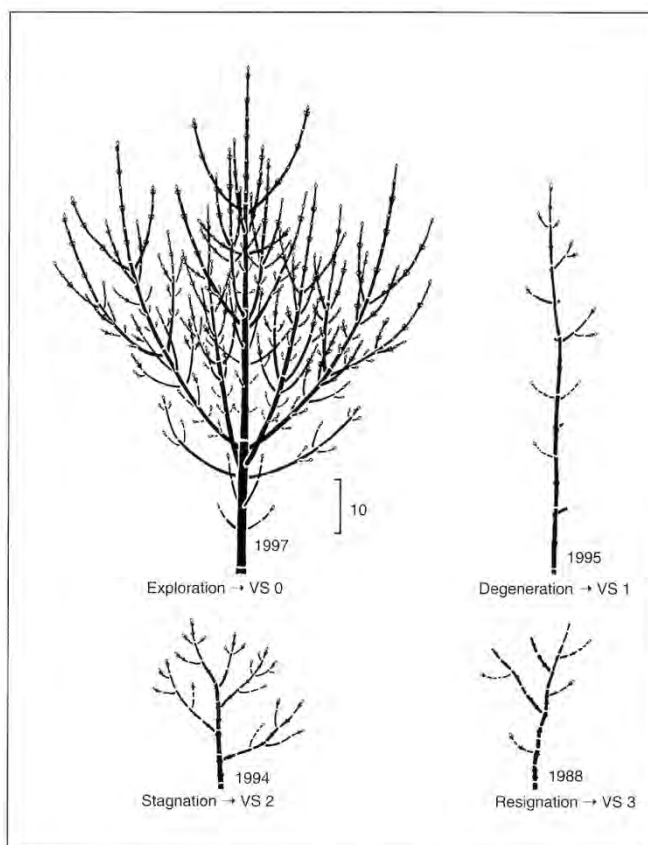
These 4 classes fit with work undertaken in Germany by Professor Andreas Roloff who has been describing the state of vitality of European Trees. He also uses 4 categories – described as

- Vitality Class 0: Healthy vigorous trees showing treetop shoots in the exploration phase: both the main axes and part of the lateral twigs consist of long-shoots. For this reason, a regular net-like branching pattern is developed, which reaches deep into the interior of the crown. The crowns are equally closed and domed, and do not show any greater gap unless a stronger intervention has occurred, such as pruning measures, because such a gap is closed quickly by the intensive ramification. In summer, a dense foliage arises without any greater gap.
- Vitality Class 1: Weakened trees show treetop shoots in the degeneration phase. Thus, spears/"fox tails" are formed, rising above the canopy. The leaves on these spears are dense and grow all around them (at the top of the lateral short-shoots or shortshoot chains). The crowns make a frazzled impression on the outside, and have a fastigiated appearance, because the airspace between the spears is not completely filled by leaves and twigs, and the crown has a spiky outline. Inside the crown, the branching pattern, and hence the foliage, is quite dense. In this vitality class, straight percurrent main axes of the treetop branches are still dominant, but the crowns no longer look as intact as in class 0 because of the spears shooting out of the canopy.
- Vitality Class 2: In obviously less vigorous trees, the treetop shoots begin to build short-shoots in the stagnation phase. The leafless state could be designated as the claw stage, because the short-shoot chains in the outside of the crowns grow longer, are predominant, and stretch claw-like to the light. These short-shoot chains, growing too long, break off in summer in thunderstorms and heavy rains, and strew the forest floor in

declining stands. Under normal circumstances, trees get rid of parts of their unimportant twigs in the inner and lower crown parts in this way. However, if the treetop shoots themselves are declining, the self-pruning of twigs progresses into the outskirts of the crown, and the crowns become thin from the inside outwards. The cause for this occurrence is not premature leaf fall, but broken short-shoot chains, a lack of shoots, and dead buds and twigs. The branching pattern shows a bushy and lumpy accumulation in the periphery of the crown. This accumulation causes summer and winter bushy crown structures and greater gaps. The crown periphery still has hardly any straight percurrent branches.

- Vitality class 3: In considerably damaged or declining trees of the crowns finally fall apart by the breaking off of larger branches and the dieback of whole crown parts. The tree seems to consist only of more or less surplus sub-crowns, dispersed randomly in the airspace and forming whip-like structures. The treetop is often dying back or is already dead, because the treetop shoots grew in the retraction phase.

These 4 vitality classes are shown below for Ash.



The work in Germany and Suffolk complements each other and establishes the ability to be able to assign an ash tree to 1 of 4 categories, which describe the trees current health or vitality. This is a simple and useful method for describing the current state of an Ash's health.

The Outcome

Using this 4 category framework, allows a tree to be assigned to a category, showing its current state of health, enabling data on the tree to be collected. The suggestion going forward is that these 4 classes are used as described as:

Ash Health Class 1 – 100 – 75% Canopy (Vitality Class 0)

Ash Health Class 2 – 75% -50% Canopy (Vitality Class 1)

Ash Health Class 3 – 50% - 25% Canopy (Vitality Class 2)

Ash Health Class 4 – 25% - 0% Canopy (Vitality Class 3)

Figure 1: Photos of Dieback of ash trees



0% Dieback - Healthy Crown



25% Dieback



50% Dieback



75% Dieback

