



Trees to be considered for retention.

-
- A - High
- B - Moderate
- C - Low
- Root Protection Area

- ### Trees unsuitable for retention

- U - Fell
Barrier Fencing
Trees Lost to Development

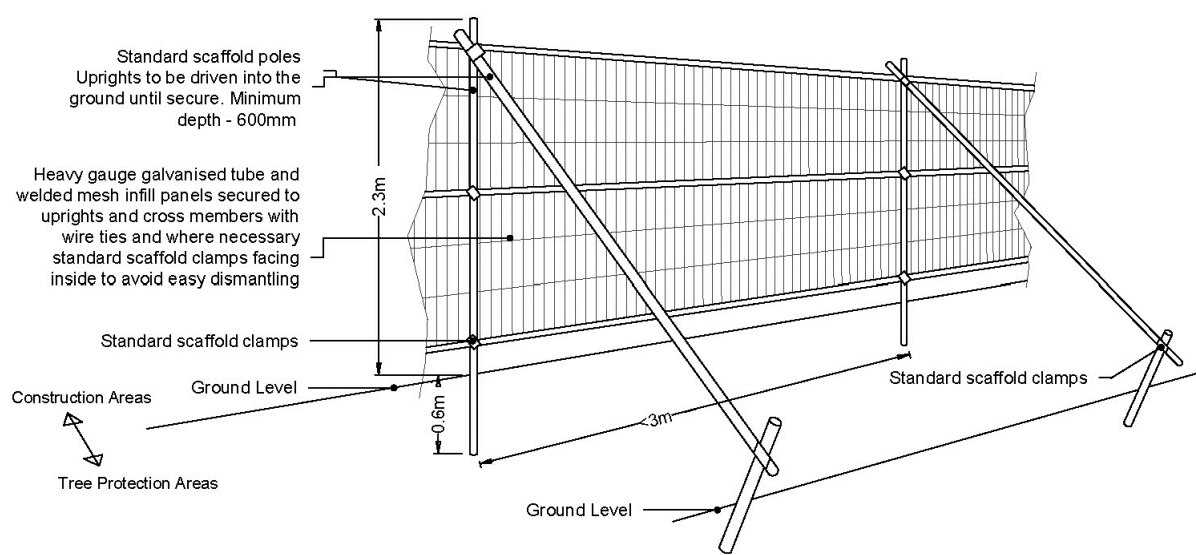
Crown Spread
Measured in North, South, East and West side of tree.

T1 Trees Number
(T - Individual Tree, G - Group)
A - Tree area, W - Woodland
H - Hedgerow)

Root Protection Area (RPA)
A layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority.

Tree Number	Species	Height (m)	Retention Category	Root Protection Radius (m)
G001	Goat Willow	8	C2	4.8
T002	Goat Willow	8	B2	5.3
T003	Goat Willow	8	B2	7.3
G004	Mixed broadleaf	9	C2	2.4
G005	Goat Willow	9	B2	4.8
G006	A Group	5	C2	2.2
G007	Goat Willow	11	C2	3.6
G008	Goat Willow	10	C2	4.2
G009	Goat Willow	8	C2	4.8
T010	Cherry	8	C2	2.4
G011	Oak	9	B2	2.9
G012	Dense Shrub Vegetation	7	C2	2.4
G013	Goat Willow	10	B2	5.4
G014	Goat Willow	8	C2	4.3
G015	Alder	8	C2	2.9

(Please check all RPA's on site.)
(Table Author: WS Atkins.)



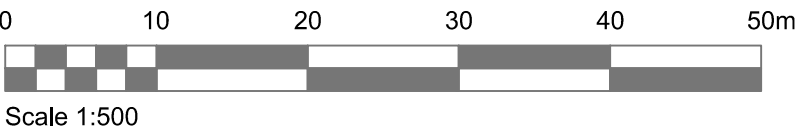
NOTES:

* All trees being retained on site should be protected by barriers and/or ground protection before any materials or machinery are brought onto the site, and before any demolition, development or stripping of soil commences.

Where all activity can be excluded from the RPA, vertical barriers should be erected to create a construction exclusion zone. Where construction activity cannot be fully or permanently excluded in this manner from all or part of a tree's RPA, appropriate ground protection should be installed working under the guidance of an approved AMS and the supervision of the Project Arborist.

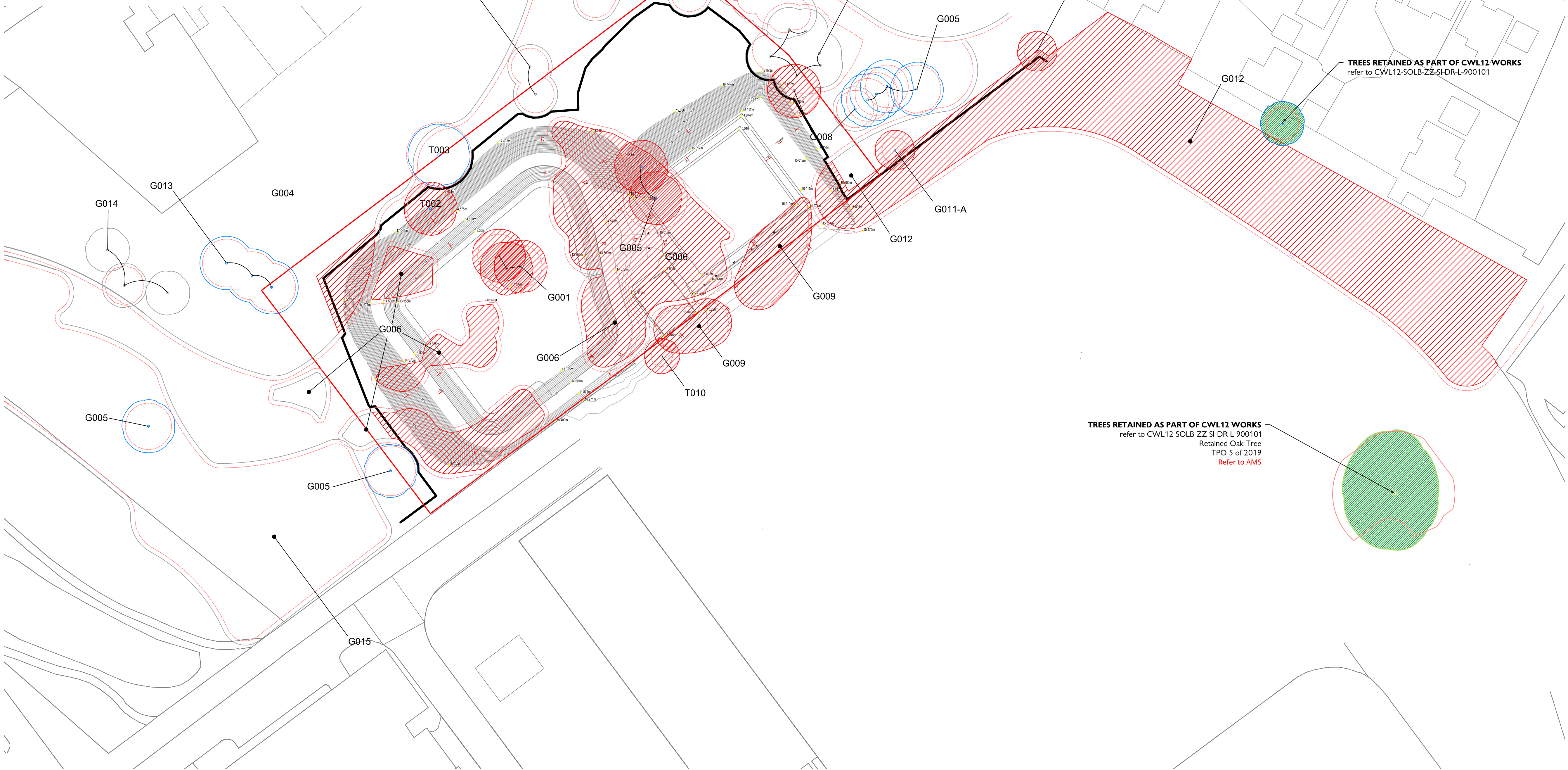
* The tree protection barriers comprise a vertical and horizontal scaffold framework that is well braced to resist impacts. The vertical tubes should be spaced at a maximum interval of 3m and driven securely into the ground. Onto this framework, welded mesh panels should be securely fixed.

* Care should be exercised when locating the vertical poles to avoid underground services and, in the case of the bracing poles, also to avoid contact with structural roots. If the presence of underground services precludes the use of driven poles, an alternative specification should be prepared in conjunction with the project arborist that provides an equal level of protection. Such alternatives could include the attachment of the panels to a free-standing scaffold support framework.



DRAWING NOTES:

- Based on drawing, 5217851-ATK-ARB-TCP-2 Tree Constraints Plan Sheet 2 of 2 P01, submitted by Atkins.
- This plan should be read in conjunction with the corresponding Arboricultural Reports Produced by Atkins.
- Indicative only. Please refer to root protection table. Do not scale from this drawing. Check all dimensions on site.
- The Original of this drawing was produced in colour. A monochrome copy should not be relied on.
- Arboricultural Baseline in line with drawing **BOUNDARY TOPO AS BUILT** with **EXISTING KERB AB & SITE FENCE AB WATER TREATMENT TANK & PLOT 7 BY G.SHEHADEH 9.10.23 R4** provided by Bouygues.



WS5

C07	23.10.25	Minor updates to key	RC	SM
C06	11.07.25	Updates following AMS	RC	SM
C05	28.03.25	Scale bar added	RC	SM
C04	28.02.25	G008 RPA amended following Arb Method Statement	RC	SM
C03	24.02.25	Minor amendments due to omitted retaining wall, proposed to add	RC	SM
C02	28.11.24	S5 issue	RC	SM
P02	21.11.24	Additional trees felled as part of COWL2 works	RC	SM
P01	19.07.24	WSS issue for comments	RC	SM
C01	08.04.24	First issue	RC	SM
Rev.	Date	Comment	Approved	Drawn

Previously

PRELIMINARY	PLANNING	DESIGN	TENDER	CONSTRUCTION
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client



○ project

CWL12 Vantage Data Centre

○ drawing title

Area 7 Tree and Vegetation Protection and Removal Plan

○ scale	○ drawn	○ approved	○ date
1:500 @ A1	SM	RC	April 2024
○ drawing no.		○ suitability	○ revision
CWL12-SOLB-ZZ-SI-DR-L-900102		S5	C07

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