

Protective fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

Detail specification: To comprise either 2.4m wooden site hoarding or a 2.5m high scaffolding framework comprising of vertical and horizontal framework, well braced to resist impacts, with uprights to be spaced at a maximum of 3.0m intervals and driven into the ground to a minimum of 600mm. On to this, standard anti-climb welded mesh panels are to be securely fixed to each other with at least two scaffold clamps and to the scaffold framework with wire.

Secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabilizer struts, which should be attached to a base plate and secured with ground pins.

All weather notices should be erected at regular intervals on the welded mesh panels with words such as "Construction exclusion zone - Keep out".

Tree Protection Area

KEEP OUT

Do not move this fence

TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY A PLANNING CONDITION. ANY REMOVAL OR DAMAGE TO A TREE WITHOUT THE NECESSARY PERMISSION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION.

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY.

Supervised demolition

Hard surfacing:

Removal of and or replacement of hard surfacing situated either partially or completely within the RPA of retained trees shall be undertaken with care and under the direct on-site arboricultural supervision as these areas are likely to contain roots.

Where this is necessary the wearing course will be broken up using a hand held pneumatic breaker, hand tools and a wheelbarrow to break up and remove the surfacing. If it is necessary to remove the sub base this is to be undertaken using hand tools such as a fork to loosen the material and removed using shovels and wheelbarrows.

In some situations and at the discretion of the arborist it may be possible to use an excavator using a hydraulic breaker and suitably sized toothless grading bucket. If an excavator is to be used it must be situated outside of the RPA, on top of the hard surfacing working away from the RPA or from ground boarding.

Which ever system is used the is to be **NO** disturbance of the soil beneath. If roots are found they are to be covered over with damp hessian and a layer of either sharp sand, wood chip or top soil to prevent desiccation.

Structures:

Demolition of existing structures and foundations situated either partially or completely within RPA's of retained trees shall be undertaken with care and under the direct on-site arboricultural supervision as these areas are likely to contain roots.

Where it is necessary for the foundations to be removed they are to only be removed where critical to the proposed development and to the minimum depth required. The foundations will be broken up using a hand held pneumatic breaker, hand tools and a wheelbarrow to break up and remove the surfacing. In some situations and at the discretion of the arborist it may be possible to use an excavator using a hydraulic breaker and suitably sized toothless grading bucket. If an excavator is to be used it must be situated outside of the RPA, on top of the hard surfacing working away from the RPA or from ground boarding. If it is likely that there will be any collapse of the soil within the working environment excavation is to be stopped immediately and the trench is to be shored up to prevent loss of the working environment.

Which ever system is used there is to be **NO** disturbance of the soil on the true side of the foundations. If roots are found they are to be covered over with damp hessian and a layer of either sharp sand, wood chip or top soil to prevent desiccation.

Tree Work Schedule

No.	Species	Works	Category
G1	Various	Plume to achieve 1.5m clearance from proposed building.	G2
T6	Buxseum	Plume canopy to achieve 1.5m clearance from building to be demolished (east)	B2
T8	Common Lime	Plume canopy to achieve 1.5m clearance (east)	A2
T14	Common Lime	Plume canopy to achieve 1.5m clearance from building to be demolished (east)	A2
T15	Common Lime	Plume canopy to achieve 1.5m clearance from building to be demolished (east)	A2
T16	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A2
T17	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A2
T21	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A2
T22	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A2
T23	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A2
T25	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A2
T26	Sweet Chestnut	Plume canopy to achieve 1.5m clearance from building (east)	B2
T27	Honey Maple	Plume canopy to achieve 1.5m clearance from building (east)	B2
T28	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	B2
T29	Honey Maple	Plume canopy to achieve 1.5m clearance from building (east)	B2
T30	Sweet Chestnut	Plume canopy to achieve 1.5m clearance from building (east)	B2
T31	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	A1
T32	Common Lime	Plume canopy to achieve 1.5m clearance from building (east)	B1

All tree work is to be undertaken in accordance with British Standard BS 5836:2010 Tree work - Recommendations.

All arising's are to be removed and the site is to be left as found.

Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as similar rollers, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

Arboricultural Supervision

The arboricultural consultant will be required to attend site to directly supervise all demolition and construction works that have to be undertaken within the root protection areas. This will include:

1. Pre-commencement site meeting
2. Location of protective measures
3. Supervised demolition of existing building within RPA's of tree nos. T6, T8, T9, T14 - T17, T21 - T25
4. Recommendations of tree protective measures from demolition to construction phase
5. Pre-commencement site meeting (construction phase)
6. Supervised excavations for foundations for the proposed building within RPA's of tree nos. T9, T14, T24, T25 and T32
7. Supervised installation of proposed signs within RPA of tree nos. T25, T26 and T32
8. Installation of 'No Dig' hard surfacing within the RPA's of tree nos. T25, T26 and T32
9. Supervised replacement of hard surfacing within RPA's of tree nos. T6, T8, T9, T14 and T32
10. Any demolition and or excavations within or adjacent to RPA's, including foundations, hard surfacing or underground services (a non-exhaustive list)
11. Arboricultural sign off and removal of protective measures

Arboricultural Method Statement

Please refer to Arbtch Consulting Ltd. Tree Schedule and Arboricultural Method Statement, for full details on all surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.

0m 1m 3m 5m 10m 15m 20m

Indicative only

Arboricultural supervision:

Demolition of existing structures adjacent to the RPA's and crowns of retained trees T9, T14 - T17, and T21 - T25.

Ground protection:

The existing hard surface will be retained to act as ground protection within the RPA's of retained trees during the demolition of the existing building. Any hard surface proposed for removal/ replacement will be carried out following demolition of the building. If removed this should be done under direct arboricultural supervision and replaced with temporary ground boarding.

Protective fencing:

Demolition phase

Arboricultural supervision:

Demolition of existing structures adjacent to the RPA's and crowns of retained trees T6 and T8.

Protective fencing:

Demolition phase

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Project:

Coleg Cambria,
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Client:

Graham Evans

Drawing:

Tree Protection Plan

Based on:

YP2-TACP-XX-XX-DR-A-705 Rev B

Drawing No:

Arbtch TPP 01
(Demolition)

Rev:

Rev:

Date:

May 2022

Scale:

1:150 @ A0

Drawn:

EK

Key:

Tree Nos:	T1	Tree Categories:	Trunks:	
RPA's:	Category 'A' trees:	Category 'B' trees:		
Category 'B' groups:	Category 'C' trees:	Category 'D' groups:		
Demolition:	Trees to be removed:	Protective fencing (demolition):		

Arboricultural Demolition:

Demolition of existing structures adjacent to the RPA's and crowns of retained trees T9, T14 - T17, and T21 - T25.

Demolition of existing structures adjacent to the RPA's and crowns of retained trees T6 and T8.

Demolition of existing structures adjacent to the RPA's and crowns of retained trees T6 and T8.