

**Arboricultural Impacts**

Species	No. of trees
Trees to be removed	3
Groups / Hedges to be removed (Partial removal of groups)	0/0/0
Trees with proposed incursions into RPA	0
Groups / Hedges with proposed incursions into RPA	1
Trees that will require pruning	1
Groups / Hedges that will require pruning	1
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

No.	Species	Proposed Structure	Incursion
5	Madrone Tree	Ran Shelter	Crown
H2	A Hedge	Fence	RPA

**Arboricultural Impacts - RPAs (Area)**

No.	Species	RPA (m <sup>2</sup> )	Incursion (%)
H2	A Hedge	3.7	0.0

**Tree Work Schedule**

No.	Species	Works	Category
2	Apple	Remove: dried stump	C1
3	Apple	Remove: dried stump	C1
4	Apple	Remove: dried stump	C1
5	Madrone Tree	Crown lift at eaves to 3m to provide clearance for the proposed shelter.	B1
H2	A Hedge	Trim hedge back to the fence line.	C1

All tree work is to be undertaken in accordance with British Standard BS 3893:2010 Tree work - Recommendations. All arising soil 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 timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crown of any retained trees, to prevent subsequent compaction and root death.

**No. of individual trees to be removed**

U	A	B	C
0	0	0	3

**No. of groups / hedges to be removed**

U	A	B	C
0/0/0	0/0/0	0/0/0	0/0/0

**Utility Apparatus**

**Underground utility apparatus**  
Mechanical trenching for the installation of underground apparatus and drainage sewers any roots present and can change the local hydrology in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the route and methods of installation of all underground apparatus. Wherever possible, apparatus should be routed outside of RPAs. Where this is not possible, it is preferable to keep apparatus together in common ducts, all inspection chambers should be sited outside of the RPAs. Where underground apparatus is to pass within the RPAs, detailed plans showing the proposed route should be drawn up in conjunction with the project arboriculturalist. In such cases trenchless insertion methods should be used with entry and retrieval pits being located outside of the RPAs. If this option is not feasible and providing roots can be retained and protected excavations should be undertaken using hand held tools (air spades, rakes, shovels) or a combination of trenchless and manual excavation (broken trench). Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).

**Above-ground utility apparatus**  
Above-ground apparatus including CCTV cameras and lighting should be sited to avoid the need for detrimental tree pruning, as such the current and future crown size of the tree should be assessed. Tree branches can be pruned back with care to provide space, though it is not appropriate for repetitive and significant tree work to be an initial design solution unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS3893:2010.

**Arboricultural Method Statement**

All tree work must be undertaken in accordance with British Standards. Please refer to Arboricultural Consulting Ltd Tree Schedule, Arboricultural Method Statement & Tree Protection Plan. For full details of all surveyed trees and how the development may be implemented without detriment to retained trees.

Rev: Date: Notes:  
1 15/06/2024 Revised Proposed Site/Plan/Scale



Project:  
Hampton Wick Primary and Nursery School  
1 Normansfield Avenue  
Teddington  
TW11 9RP

Client:  
Hartley Service Group Ltd

Drawing:  
Arboricultural Impact Assessment

Based on:  
6512\_2001\_P/18

Drawing No:  
Arbtech AIA 01

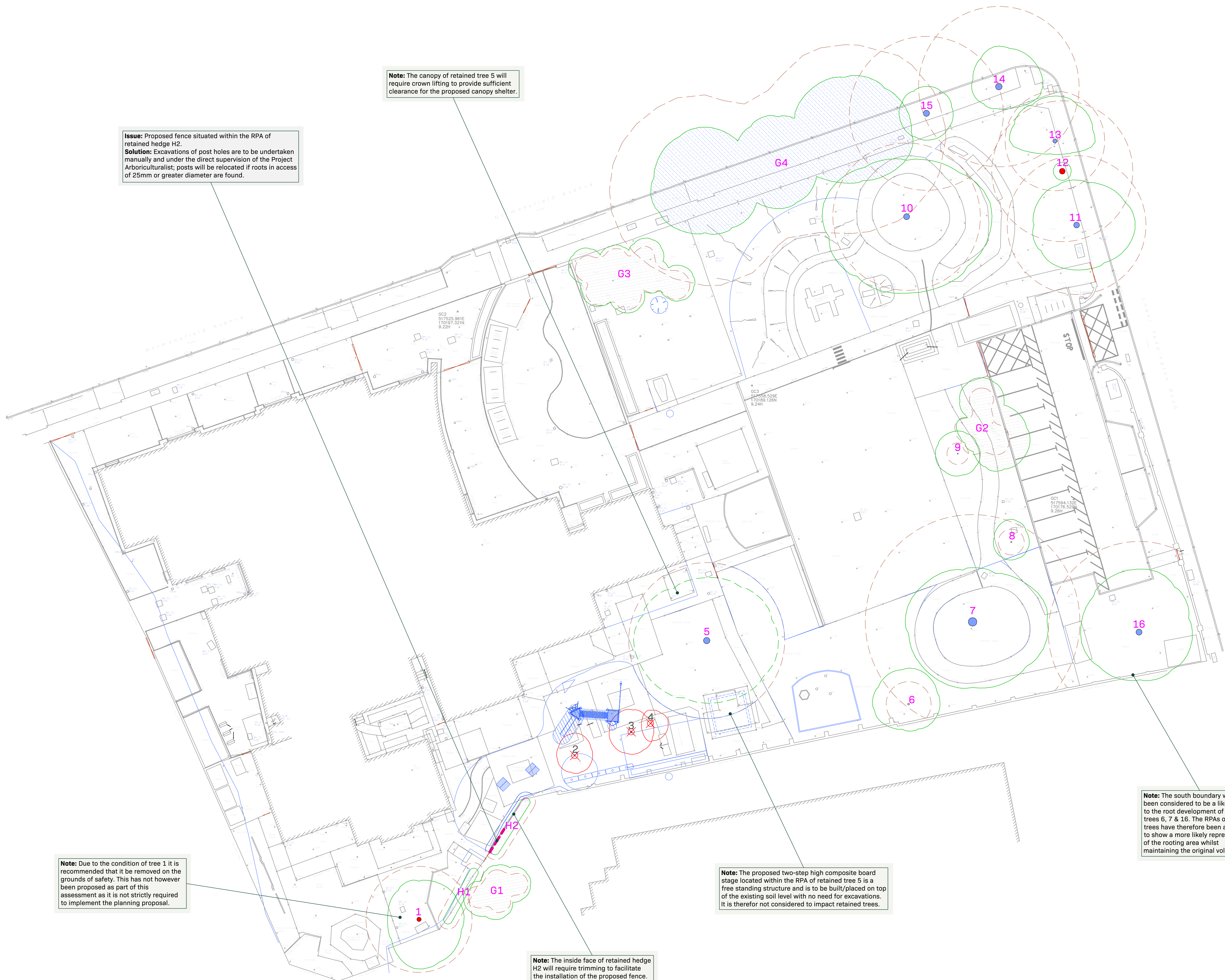
Date:  
June 2024

Scale:  
1:150 @ A0

Rev:  
A

Drawn:  
PDG

Key:  
Existing Site Layout: [Solid line]  
Proposed Site Layout: [Dashed line]  
Tree Numbers: [Number in circle]  
Trunks: [Circle]  
RPA: [Dashed line]  
Tree Canopies: [Shaded area]  
Proposed Pruning: [Dotted line]  
Proposed Lifting: [Dotted line]  
Category of Trees: [Color in circle]  
Category of Groups: [Color in circle]  
Category of Species: [Color in circle]  
Category of Hedges: [Color in circle]  
Trees to be Removed: [Red circle with X]  
Hedges/Fences: [Red line]



**Note:** The canopy of retained tree 5 will require crown lifting to provide sufficient clearance for the proposed canopy shelter.

**Issue:** Proposed fence situated within the RPA of retained hedge H2.  
**Solution:** Excavations of post holes are to be undertaken manually and under the direct supervision of the Project Arboriculturalist; posts will be relocated if roots in excess of 25mm or greater diameter are found.

**Note:** Due to the condition of tree 1 it is recommended that it be removed on the grounds of safety. This has not however been proposed as part of this assessment as it is not strictly required to implement the planning proposal.

**Note:** The proposed two-step high composite board stage located within the RPA of retained tree 5 is a free standing structure and is to be built/placed on top of the existing soil level with no need for excavations. It is therefor not considered to impact retained trees.

**Note:** The south boundary wall has been considered to be a likely barrier to the root development of retained trees 6, 7 & 16. The RPAs of these trees have therefore been adjusted to show a more likely representation of the rooting area whilst maintaining the original volume.

**Note:** The inside face of retained hedge H2 will require trimming to facilitate the installation of the proposed fence.

