

**ROOT PROTECTION AREAS (RPAs):**  
BS5837: 2012 recommends that an area around each retained tree should be protected from disturbance and damage to tree roots by ensuring the prevention of compaction and contamination of the rooting environment.  
RPAs are calculated for all category A, B and C grade trees in accordance with the recommendation of the Standard, and are shown as dotted coloured lines according to the tree category.  
RPAs are calculated and shown unadjusted as a concentric circle centred on the trunk of each tree, but if there appear to be significant obstructions to root growth both natural and manmade they can be adjusted and where applicable reshaped to illustrate more accurately the likely distribution of roots.  
The RPAs are shown unadjusted on this plan.

| BS5837:2012 Cascade chart for tree quality assessment                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                                    |                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Category & Definition                                                                                                                      | Criteria (including subcategories where appropriate)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                                                    | Indication on plan                                                                                                                     |
| <b>Trees unsuitable for retention</b>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                                    |                                                                                                                                        |
| <b>Category U</b>                                                                                                                          | <ul style="list-style-type: none"><li>Trees that have a serious, irreparable, structural defect, such that their early loss is expected due to collapse including those that will become unstable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning).</li><li>Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline.</li><li>Trees that will be damaged with pathways of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality.</li></ul> <small>NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve</small> |                                |                                                    | Red on plan RGB 127,0,0                                                                                                                |
| <b>Trees to be considered for retention</b>                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                                    |                                                                                                                                        |
|                                                                                                                                            | 1. Mainly arboricultural qualities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2. Mainly landscape qualities. | 3. Mainly cultural values, including conservation. |                                                                                                                                        |
| <b>Category A</b>                                                                                                                          | Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or essential trees in a woodland).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |                                                    | Light Green RGB 0,255,0                                                                                                                |
| <b>Trees of High Quality:</b><br>Estimated remaining life expectancy of at least 40 years.                                                 | Trees, groups or woodlands of particular visual importance in arboricultural and/or landscape features.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |                                                    | Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture). |
| <b>Category B</b>                                                                                                                          | Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation.                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                                    | Mid blue RGB 0,0,255                                                                                                                   |
| <b>Category C</b>                                                                                                                          | Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                                    | Grey RGB 091,091,091                                                                                                                   |
| <b>Trees of Low Quality:</b><br>Estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm | Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals, or trees occurring as collectives but situated so as to make little visual contribution to the wider landscape.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |                                                    | Trees with no material conservation or other cultural value.                                                                           |

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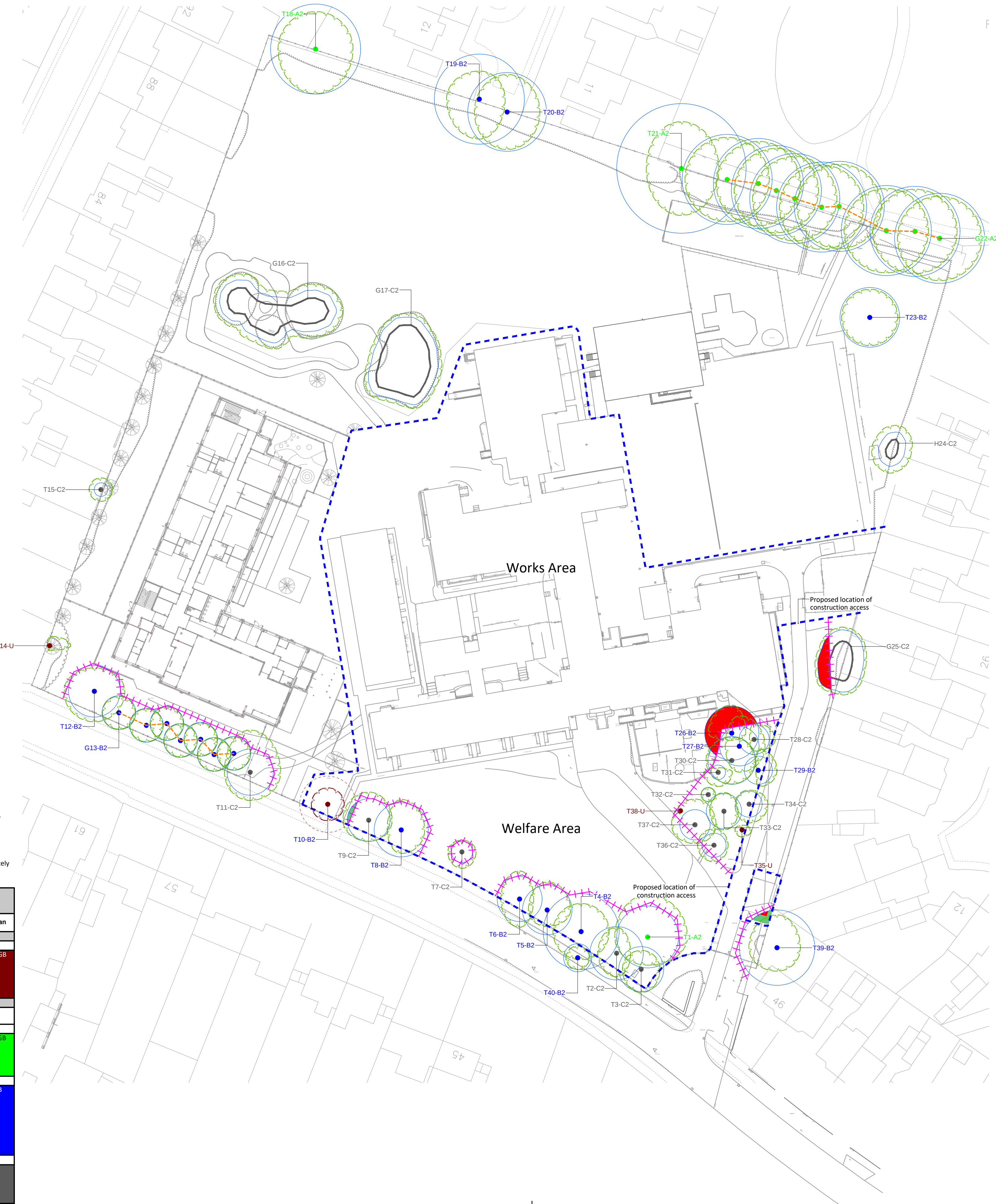
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project: **Greenway Junior School Horsham**  
**Horsham**  
**RH12 2JS**

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**Phase 2a**  
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**LEGEND:**

- Existing tree canopy retained
- Existing root protection area (RPA) retained
- Existing tree canopy removed
- Existing RPA removed
- Proposed location of tree protection fencing
- Proposed location of tree protection fencing
- Location of proposed arboricultural method statement
- Location of proposed ground protection measures
- Red line boundary

| Tree Removal Schedule |             |            |                |              |                            |
|-----------------------|-------------|------------|----------------|--------------|----------------------------|
| Tree Ref. No.         | Common Name | Height (m) | Stem diam.(mm) | Cat. Grading | Root Protection Radius (m) |
| T10                   | Whitebeam   | 12         | 500            | B2           | 6.0                        |