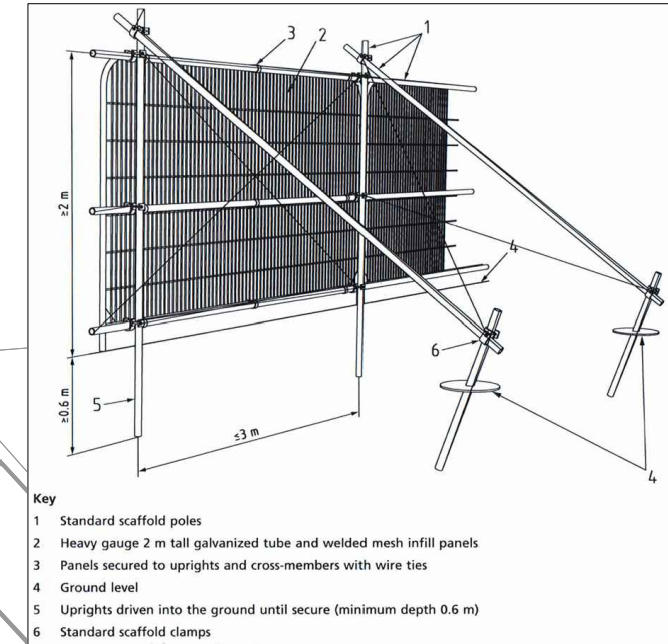
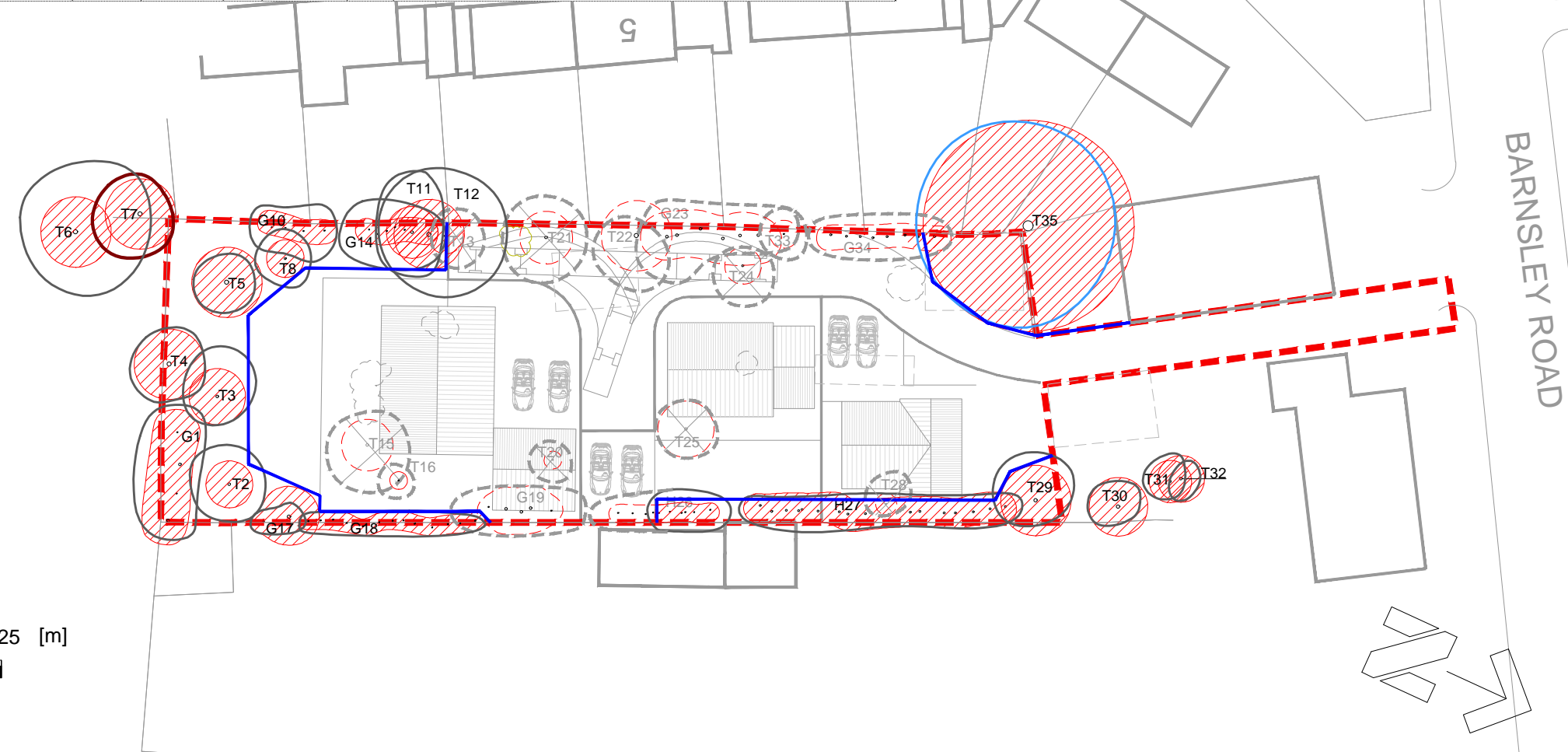


| NO  | TREE SPECIES                 | TREE SPECIES  | HEIGHT | SPREAD | Clear stem (m) | DIA mm  | N | CAT. | Life Stage   | Life exp yrs | NOTES                               | RECOMMENDATIONS    |
|-----|------------------------------|---|--------|--------|----------------|---------|---|------|--------------|--------------|-------------------------------------|--------------------|
|     | Common Name                  | Scientific Name                                       | m      | m      |                |         |   |      |              |              |                                     |                    |
| G1  | Hawthorn                     | Crataegus monogyna                                    | 5      | 5      | 1              | 100-200 | N | C2   | Early-Mature | 40+          | No.1 Dead                           |                    |
| T2  | Goat Willow                  | Salix caprea  | 7      | 6      | 1              | 200     | N | C2   | Early-Mature | 40+          | Twin stem from 1m                   |                    |
| T3  | Goat Willow                  | Salix caprea  | 8      | 6      | -              | 200     |   | C2   | Early-Mature | 40+          |                                     |                    |
| T4  | Hawthorn                     | Crataegus monogyna                                    | 6      | 6      | -              | 300     | N | C2   | Early-Mature | 40+          | Multistemmed from 0.25m             |                    |
| T5  | Ash                          | Fraxinus excelsior                                    | 8      | -      | -              | 300     | N | C2   | Early-Mature | 40+          | Multistemmed                        |                    |
| T6  | Hawthorn                     | Crataegus monogyna                                    | 8      | 8      | -              | 300     | N | C2   | Early-Mature | 40+          | Multistemmed                        |                    |
| T7  | Willow                       | Salix   | 10     | 8      | -              | 300     |   | U    | Semi-Mature  | -            | Dead                                |                    |
| T8  | Cherry                       | Prunus  | 8      | 5      | -              | 150     |   | C2   | Early-Mature | 20+          | Lean                                |                    |
| G10 | Elderberry/Hawthorn          | Sambucus nigra/Crataegus monogyna                     | 3-5    | 4      | -              | 100     | N | C2   | Early-Mature | 20+          | 5 No.                               |                    |
| T11 | Ash                          | Fraxinus excelsior                                    | 12     | 8      | -              | 220     | N | C2   | Early-Mature | -            | Twinstem                            |                    |
| T12 | Sycamore                     | Acer pseudoplatanus                                   | 12     | 10     | 3              | 300     |   | C2   | Semi-Mature  | 40+          | Birdbox at 4m                       |                    |
| T13 | White Willow                 | Salix alba  | 6      | 5      | 2              | 150     |   | C2   | Early-Mature | 20+          | Lean north                          | Fell               |
| T14 | Ash, Hawthorn, Goat Willow   | Fraxinus excelsior, Crataegus monogyna, Salix caprea  | 7      | 4      | -              | 100     | N | C2   | Young        | 40+          | 10+ No.                             |                    |
| T15 | Goat Willow                  | Salix caprea  | 7      | 8      | -              | 220     |   | C2   | Early-Mature | 40+          |                                     | Fell               |
| T16 | Silver Birch                 | Betula pendula  | 8      | 2      | -              | 75      |   | C2   | Young        | 40+          | Lean east                           | Fell               |
| G17 | Hawthorn                     | Crataegus monogyna                                    | 4      | 2      | -              | 100-250 | N | C2   | Semi-Mature  | 40+          | Laid Hedge 3 No.                    |                    |
| G18 | Cypress                      | Cupressus sempervirens                                | 2-4    | 1      | -              | 75      | N | C2   | Young        | 40+          | 10+ No.                             |                    |
| G19 | Sycamore                     | Acer pseudoplatanus                                   | 4-10   | 4      | -              | 100-200 | N | C2   | Semi-Mature  | 40+          | 5 No. Partial espalia               | Fell               |
| T20 | Hawthorn                     | Crataegus monogyna                                    | 4      | 3      | 75             | 75      |   | C2   | Young        | 40+          |                                     | Fell               |
| T21 | Hawthorn                     | Crataegus monogyna                                    | 8      | 8      | 0.5            | 220     |   | C2   | Semi-Mature  | 40+          | Ivy covered stem                    | Fell               |
| T22 | Goat Willow                  | Salix caprea  | 8      | 6      | -              | 300     |   | U    | Semi-Mature  | <10          | Once twinstem. One leader torn away | Fell               |
| G23 | Hawthorn                     | Crataegus monogyna                                    | 6      | 4      | -              | 200     | N | C2   | Early-Mature | 40+          | 6 No.                               | Fell               |
| T24 | Sycamore                     | Acer pseudoplatanus                                   | 8      | 6      | 1              | 230     |   | C2   | Early-Mature | 40+          |                                     | Fell               |
| T25 | Ash                          | Fraxinus excelsior                                    | 8      | 5      | -              | 200     | N | C1   | Young        | 40+          | 3 stems from base                   | Fell               |
| H26 | Hawthorn, Privet             | Crataegus monogyna, Ligustrum vulgare                 | 5      | 3      | -              | 75      | N | C2   | Young        |              |                                     | Fell Southern Half |
| H27 | Hawthorn, Elderberry, Privet | Crataegus monogyna, Sambucus nigra, Ligustrum vulgare | 6      | 2      | -              | 125     | N | C2   | Early-Mature | 40+          | 0.3m centers                        |                    |
| T28 | Cherry sp.                   | Prunus sp.  | 4      | 2      | 2              | 75      |   | C2   | Young        | 40+          | Lean west                           | Fell               |
| T29 | Plum                         | Prunus domestica                                      | 8      | 8      | 1.5            | 250     |   | C2   | Semi-Mature  | 40+          |                                     |                    |
| T30 | Hawthorn                     | Crataegus monogyna                                    | 5      | 3      | 1              | 250     |   | C2   | Semi-Mature  | 40+          | Pollarded                           |                    |
| T31 | Ash                          | Fraxinus excelsior                                    | 8      | 6      | 2              | 150     |   | C2   | Early-Mature | 40+          | Lean south                          |                    |
| T32 | Ash                          | Fraxinus excelsior                                    | 10     | 4      | 2              | 200     |   | C2   | Early-Mature | 40+          | Lean north                          |                    |
| T33 | Sycamore                     | Acer pseudoplatanus                                   | 7      | 4      | -              | 100     |   | C2   | Young        | 40+          | Some dead wood                      | Fell               |
| G34 | Hawthorn                     | Crataegus monogyna                                    | 8      | 4      | 4              | 150     | N | C2   | Early-Mature | 40+          | 8 No.                               | Fell               |
| T35 | English Oak                  | Quercus robur   | 20     | 20     | 4              | 750     |   | B2   | Mature       | 40+          | Rooting next to wall                |                    |



BS5837:2012 Figure 2



**TREE SURVEY TO BS5837:2012**

**KEY**

| COLOUR | QUALITY                                    | DESCRIPTION  |
|--------|--|--|
| GREEN  | <b>A: HIGH</b><br>retention most desirable | Vigorous healthy good form, visually important, historic or rare   |
| BLUE   | <b>B: MODERATE</b><br>retention desirable  | Slightly impaired condition, numerous immature, 'A' potential      |
| GREY   | <b>C: LOW</b><br>could be retained         | Adequate condition requiring minimal surgery                       |
| RED    | <b>U: FELL</b><br>Unsuitable for retention | Dead dying, dangerous insecure rooting, significant fungal disease |
| GREEN  | <b>SHRUBS</b>                              |  |

**SUB-CATEGORY:**

- 1 ARBORICULTURAL
- 2 LANDSCAPE
- 3 CULTURAL/CONSERVATION

--- Site Boundary

In accordance with BS5837:2012 'Trees in relation to design, demolition and construction', offsite trees within a distance equal to 12x stem diameter from boundary should be surveyed. In accordance with good working practice, all trees within 12m of the site boundary have been surveyed.

The original of this drawing is produced in colour - a monochrome copy should not be relied upon.

**LIMITATION OF THIS SURVEY**  
This survey records amenity quality and desirability of tree retention in relation to proposed construction by visual inspection from ground level where accessible.

It does not constitute a Tree Inspection or detailed report on condition.

Tree heights and spread approximate. The diameter of single stem trees is taken at 1.5m above ground level. For the diameter of multistemmed trees, each multistem is measured at 1.5m above ground level and calculated to give a notional diameter as if all multistems were fused into one stem.

The branch spread is an accurate representation of the crown as clause 4.4.2.5 (e)

Tree inspections should take place annually in September/October when trees are in leaf.

Tree positions are approximate and are to be verified by topographic survey.

**TREE CONSTRAINTS**

- ROOT PROTECTION AREA (RPA)  
Root Protection Areas have been calculated on the following basis:  
Single stems: Area equivalent to circle of radius 12 x stem diameter at 1.5m  
Multistems: Area equivalent to circle of radius 10 x diameter at ground level.
- Root Protection Areas shaped due to obstruction to root spread e.g. retaining wall, water course.
- RPA of pollarded or topped trees has been reduced to an area appropriate to actual canopy spread.

**TREE PROTECTION**

- TREES TO BE REMOVED (with root protection area)
- Scaffold Protective Fence as BS5837:2012 Figure 2

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Job **43 BARNSELEY ROAD, BRIERLEY**

Title **TREE PROTECTION PLAN**

| scale@A3 | drawn | date   | job number | number | revision |
|----------|-------|--------|------------|--------|----------|
| 1:500    | TH    | NOV 19 | 1016       | 03     | -        |