DRAFT

Site Trevor Basin
Client Canal & River Trust
Surveyor D.Williams
Survey date 4/09 /2024
Climatic conditions Overcast with drizzle

| Tree Constraints Information | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tree Reference No. | Species | Stem Diameter (mm) at 1.5m | Category Grade | Radius of RPA (m) | Area of RPA (m2) | Height (m) | Canopy Spread (m) | | | | Life Stage | Physiological Condition | Structural Condition | Recommendations | Priority Code |
| | | | | | | | N | E | S | W | | | | | |
| 1T | Ash | 370, 330, 310 | B1 | 7.0 | 154.7 | 11 | 5 | 4.5 | 4.5 | 6 | Early mature | Fair | Minor deadwood within canopy, typical of age and species. Monitor in the long term for signs of ash dieback. | N/A | N/A |
| 2T | Sycamore | 300, 360, 300 # | B1 | 6.7 | 140.1 | 11 | 5 | 5 | 5 | 5 | Early mature | Good | Off site tree, dimensions estimated. | N/A | N/A |
| 3T | Ash | 300, 300, 300, 300 | C1 | 7.2 | 162.9 | 13 | 4 | 4 | 4 | 4 | Early mature | Good | Early signs of die back, subtle at this stage, 80-90% live canopy. | N/A | N/A |
| 4T | Ash | 280 | C1 | 3.4 | 35.5 | 9 | 6 | 4 | 6 | 4 | Semi mature | Good | Tall, etiolated growth form. | N/A | N/A |
| 5G | Ash, Hazel & Sycamore | 150 | C1 | 1.8 | 10.2 | 10 | 2 | 2 | 2 | 2 | Semi mature | Good | Provides screening to and from the site. | N/A | N/A |
| 6G | Ash & Sycamore | 400 # | B1 | 4.8 | 72.4 | 12 | 5 | 5 | 5 | 6 | Mature | Good | Linear group merges into 5G, larger in stature. | N/A | N/A |
| 7T | Ash | 150 | C1 | 1.8 | 10.2 | 12 | 1.5 | 2 | 3 | 3 | Young | Fair | Early signs of die back, subtle at this stage, 80-90% live canopy. Tall etiolated growth form. | N/A | N/A |
| 8T | Rowan | 75 | C1 | 0.9 | 2.5 | 4 | 0.5 | 0.5 | 0.5 | 1 | Young | Fair | Supressed by neighbouring trees. | N/A | N/A |
| 9T | Pedunculate Oak | 530 | B1 | 6.4 | 127.1 | 12 | 7 | 7 | 7 | 7 | Mature | Good | Dense ivy obscures lower stem, canopy overhangs public toilets. | N/A | N/A |

- The tree survey process has been undertaken in accordance with ***Section 4.4 of BS5837:2012 Trees in Relation to Design, Demolition and Construction Recommendations***, summarised in ***Appendix 1*** of the Arboricultural Appraisal.
- Each item surveyed has been given a sequential number with the respective suffix 'T' for trees 'G' for groups of trees, 'H' for hedgerows and 'W' for woodland which corresponds to the Tree Constraints Plan (**Plan1**) and Tree Protection Plan (**Plan 2**).
- The Root Protection Area (RPA) values have been calculated using the methodology set out in ***Section 4.6*** and ***Annexes C & D of BS5837:2012.*** Where pre-existing site conditions may indicate that the rooting system is not asymmetric, the RPAs may be modified in **Plan 1** and **Plan 2** but the area not reduced based on arboricultural reasoning. Such instances include the physical obstruction to root development or inhospitable rooting environments.
- Where trees are located outside of the client land ownership, or access is not achievable stem diameter have been estimated, highlighted using the suffix #
- Category Grading afforded to each item surveyed provides a hierarchy system for retention based on condition, amenity value and longevity in accordance with ***Table 1 Cascade Chart for Tree Quality Assessment described in BS5837:2012.*** **A** = High value, **B** = Moderate value **C** = low value & **U** compromised condition. Suffix 1,2 & 3 related to Arboricultural, Cultural and Ecological value respectively.
- Priority codes provide a classification of the urgency of works; Code 1 = Undertake within one month of the survey date, Code 2 = Perform within 6 months of the survey date, Code 3 = Complete works within one year.
- Where specified small diameter limbs/deadwood refer to a diameter <75mm, moderate deadwood/medium diameter limb equates to that of 75mm – 150mm and large diameter limbs/deadwood are those that exceed a diameter of 150mm