Environmental Impact Assessment Report (EIAR)

Volume 3 Part 4.1 Appendices

In respect of
The Royal Canal Urban Greenway

On behalf of
Fingal County Council

October 2026

This Volume should be read in conjunction with the EIAR Main Document. This Volume (Part 4.1) contains certain Appendices associated with Chapter 10 (Landscape and Visual) as follows:

Chapter 10 Landscape and Visual

Appendix 10.1: Arboricultural Report

Appendix 10.2: Landscape Report

KPMG

Royal Canal Urban Greenway Environmental Impact Assessment Report

Appendix 10.1 Arboricultural Report

October 2026



Arboricultural Report

Tree Survey,

Arboricultural Impact Assessment &

Arboricultural Method Statement

In relation to the proposed greenway scheme along the:

Royal Canal Urban Greenway

Between:

Castleknock and the Dublin/Kildare Border

On behalf of:

Fingal County Council

September 2026

240905-PD-11-C

CHARLES MCCORKELL
ARBORICULTURAL CONSULTANCY

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Section 1: Arboricultural Impact Assessment

1 Summary

1.1 This arboricultural report has been instructed by Fingal County Council (the 'Applicant').

1.2 The development proposal is for the construction of a greenway scheme along the Royal Canal Urban Greenway between Castleknock and the Dublin/Kildare Border (the 'Application Site').

1.3 This report includes:

- an assessment of the trees, their quality and value in accordance with BS 5837:2012 - Trees in relation to design, demolition and construction;
- the site context and observations on the trees;
- local planning policies relevant to the consideration of trees on the site;
- the impact of the proposed development upon the tree population in and around the site;
- methods of reducing impacts on trees; and
- measures to be taken to protect trees during the proposed works.

1.4 The proposed development will require the removal of 8 trees and the partial removal of 4 tree groups of moderate quality and value (B Category); 30 trees, 5 small hedgerows, 1 tree group, and the partial removal of 8 tree groups and 1 hedgerow of low quality and value (C Category), and the removal of 6 trees of poor quality (U Category). Details of the proposed tree removals are shown on the Tree Removal Plans at Appendix B and are specified within the Tree Work Schedule at Appendix A.

1.5 The proposal has been carefully designed to minimise the impact on the existing trees and maximise tree retention. Although trees are required to be removed to facilitate the works, these are located within areas that contain extensive canopy cover. As a result, their loss within the wider local area is not considered to be significant.

1.6 The proposed development provides a good opportunity to enhance the amenities of the local area. Although tree loss does occur, there is potential for new tree planting to be carried out to mitigate their loss. Overall, the scheme can have a positive impact on the character and appearance of the local surrounding landscape.

1.7 The proposal will require construction operations within the rooting areas of retained trees. Each impact has been assessed within this report, and design and construction measures have been proposed to help reduce the level of impact.

1.8 All working operations within the RPAs of retained trees must be carried out under the guidance and supervision of the arboricultural consultant. At each phase of the development, there will be a requirement to review the upcoming works and carry out toolbox talks to site contractors, highlighting the risks and proposed working methods.

1.9 In conclusion, the proposed development is achievable in both arboricultural terms and in relation to local planning policy as it relates to trees. Tree impacts have been assessed, and tree protection measures have been specified in accordance with best practice and are sufficient to safeguard retained trees during the proposed works.

2 Introduction

Instructions

2.1 This arboricultural report has been instructed by Fingal County Council to provide information to assist all parties involved in the planning process, to make balanced judgements with regard to arboricultural features in relation to the proposed greenway scheme along the Royal Canal Urban Greenway between Castleknock and the Dublin/Kildare Border.

Qualification and experience

2.2 This report has been prepared by Charles McCorkell. Charles is a Chartered Arboricultural Consultant dealing with trees in relation to all forms of human activity, including the built environment. He is a Professional Member of the Institute of Chartered Foresters, a Professional Member of the Arboricultural Association, a qualified professional tree inspector (LANTRA), and has a BSc Honours Degree in Arboriculture from the University of Central Lancashire.

Scope and limitations

2.3 The survey undertaken is not a health and safety assessment of trees; however, trees identified as imminently dangerous within the Application Site will have been highlighted and recommendations made, where appropriate.

2.4 The contents of this report are the copyright of Charles McCorkell Arboricultural Consultancy and may not be distributed or copied without the author's permission.

Methodology and guidance

2.5 The author of this report has referred to *British Standard 5837: Trees in relation to design, demolition and construction (2012),* which provides a methodology for the assessment of trees and other significant vegetation on development sites.

2.6 BS 5837 (2012) is intended to assist decision-making with regard to existing and proposed trees and sets out the principles and procedures to be applied to achieve a harmonious relationship between existing and new trees and structures that can be sustained for the long term.

2.7 The BS 5837 (2012) recommends the National Joint Utilities Group (NJUG) document *Guidelines for the planning, installation and maintenance of utility apparatus in the*

proximity to trees. Volume 4, issue 2. London: NJUG, 2007, as a normative reference for guidance on the installation of utilities within proximity to trees.

Supporting information

2.8 This report should be read in conjunction with the following supporting documents attached to this report.

Document	Reference	Location
Arboricultural Method Statement	-	Section 2
Tree Schedule	240905-PD-10	Appendix A
Tree Work Schedule	240905-PD-12	Appendix A
Tree Survey & Constraints Plans	240905-P-10-01 to 25	Appendix B
Tree Removal Plans	240905-P-11-01 to 25	Appendix B
Tree Protection Plans	240905-P-12-01 to 25	Appendix B
Cellular Confinement System	-	Appendix C

Definitions

2.9 **Root Protection Area (RPA)** – a layout design tool indicating the area surrounding a tree that contains sufficient rooting volume to ensure the survival of the tree.

2.10 **Tree Protection Zone (TPZ)** – an area based on the RPA in m^2 identified by an arboriculturist, to be protected during development, including demolition and construction work, by the use of barriers and/or ground protection fit for purpose to ensure the successful long-term retention of a tree.

3 Observations & Context

Site visit

3.1 The site was visited in November 2024 to survey trees and vegetation which may be of significance to the proposed development. The survey was undertaken in accordance with *British Standard 5837: Trees in relation to design, demolition and construction (2012)*.

Site location and description

3.2 The Application Site extends from the 12th Lock (Castleknock), along the Royal Canal Greenway until the Dublin/Kildare border, which is adjacent to the Royal Canal Amenity Group (Map 1). The overall length of the route is approximately 8km, some of which is along the existing towpath, while parts do extend into areas of land that are heavily overgrown and currently not in use. On route, it passes Castleknock, Coolmine, and Clonsilla train stations, through a mix of both urban and rural landscapes. The main tree cover assessed was native, with the most dominant species being ash.



Map 1 (Google 2025): *Red line highlighting the location of the site within the local area.*

4 Local Planning Policy

The Fingal Development Plan 2023 – 2029

4.1 The Fingal Development Plan 2023 – 2029 came into effect on 5th April 2023 and contains several policies that relate to trees, woodlands and hedgerows. Saved policies and objectives relating to this application include:

Chapter 9.6.9 Protection of Trees and Hedgerows

Policy GINHP21 – Protection of Trees and Hedgerows

Protect existing woodlands, trees and hedgerows that are of amenity or biodiversity value and/ or contribute to landscape character and ensure that proper provision is made for their protection and management.

Policy GINHP22 – Tree Planting

Provide for appropriate protection of trees and hedgerows, recognising their value to our natural heritage, biodiversity and climate action and encourage tree planting in appropriate locations.

Objective GINHO44 – Tree Removal

Ensure adequate justification for tree removal and require documentation and recording of reason where felling is proposed and avoid removal of trees without adequate justification.

Chapter 12. Development Management Standards – Tree Policy

Objective DMSO127 – Management of Trees and Hedgerows

Protect, preserve and ensure the effective management of trees and groups of trees and hedgerows.

Objective DMSO128 – Protection of Trees and Hedgerows during Development

Ensure during the course of development, trees and hedgerows that are conditioned for retention are fully protected in accordance with “BS5837 (2012) Trees in relation to the Design, Demolition and Construction – Recommendations” or as may be updated and are monitored by the appointed arboricultural consultant.

5 Technical Information

Tree data

5.1 The Tree Survey Plans at Appendix B illustrate the location of trees, the extent of the spread of their crowns, and their root protection areas. Dimensions, comments and information for each tree are given in the Tree Schedule at Appendix A.

Life stage analysis

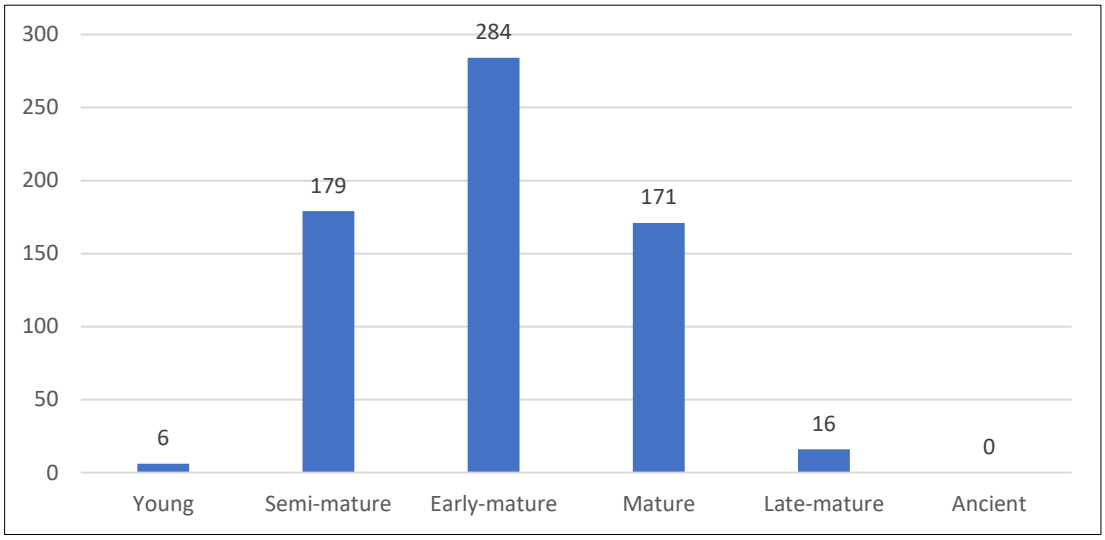


Figure 1: *Life stage analysis of the 656 survey entries recorded.*

BS5837 (2012) category breakdown

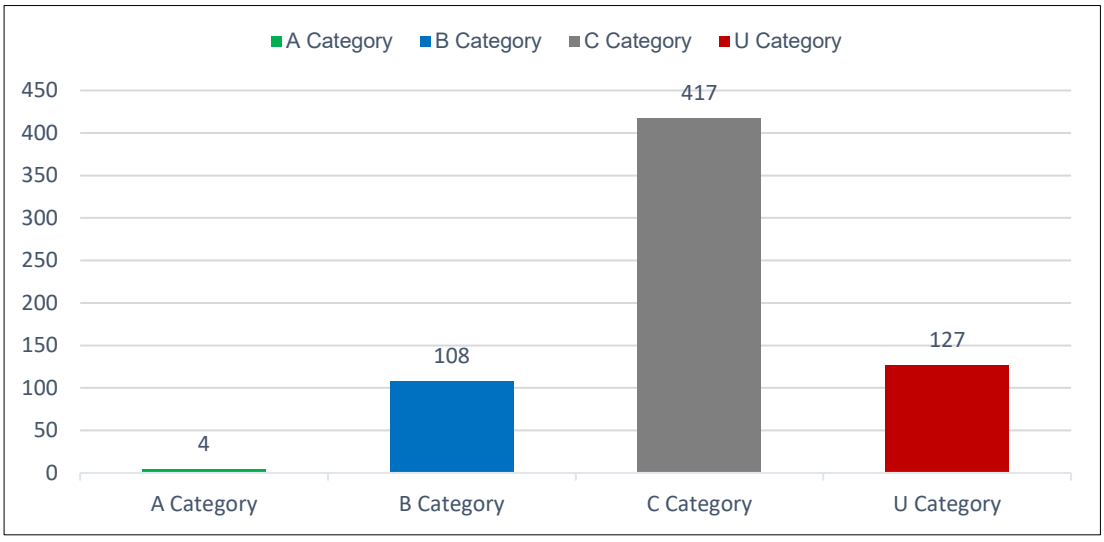


Figure 2: *Breakdown of BS5837:2012 categories of the 656 survey entries recorded.*

6 Analysis of the Proposal in Respect of Trees

Arboricultural Impacts

6.1 ***Loss of trees*** **–** The proposed development will require the removal of 44 trees, 5 small hedgerows, and 1 tree group, and the partial removal of 12 tree groups and 1 hedgerow. Details of the proposed tree removals are shown on the Tree Removal Plans at Appendix B and are specified within the Tree Work Schedule at Appendix A.

6.2 Of the 63 survey entries to be removed, 8 trees and the partial removal of 4 tree groups are of moderate quality and value (B Category); 30 trees, 5 small hedgerows, 1 tree group, and the partial removal of 8 tree groups and 1 hedgerow of low quality and value (C Category), and the removal of 6 trees of poor quality (U Category). A breakdown of trees to be removed according to their BS5837:2012 category is outlined in Figure 3.

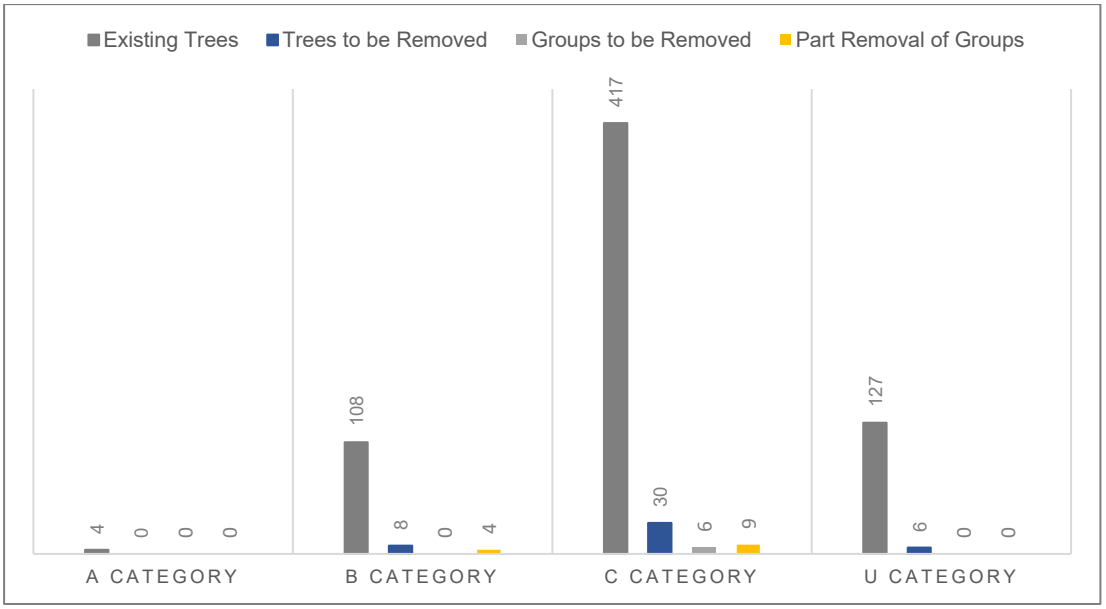


Figure 3: *Breakdown of tree removal required as part of the development.*

6.3 Although trees are required to be removed to facilitate the development, the proposal has been revised to minimise the extent of removal by altering the location and design of the proposed route. Tree loss will have an impact on the local canopy cover; however, there is the potential in areas to carry out new tree planting to help mitigate this loss.

6.4 ***Pruning works*** **–** Prior to construction works commencing, it is recommended that a review of tree pruning works is carried out by the arboricultural consultant. This is to ensure that trees are managed in accordance with best practice, taking into

consideration the development works, the local biodiversity, and the level of risk to surrounding targets.

6.5 It will be a requirement that low canopies above the proposed footpaths and cycle paths are pruned to achieve a height clearance of 2.5m above the existing ground level. These pruning works are generally carried out periodically within urban areas and will have an insignificant impact on the visual appearance or condition of the trees concerned.

6.6 There are several declining trees, mainly ash, located along the proposed route. Although some trees may be in decline, this does not necessarily mean they are dangerous or pose a high risk to people using the footpaths. Given their location, these trees are important for biodiversity reasons and therefore, their removal will only be recommended if the level of risk is unacceptable and tree pruning works are not a suitable option.

6.7 Where a tree is required to be removed for health and safety reasons, it must be recommended by the project arboricultural consultant and approved by the Local Authority Parks Department.

6.8 All tree surgery works must be carried out by a reputable arboricultural contractor in accordance with the recommendations given in BS 3998:2010 – Tree Work Recommendations.

6.9 Prior to completing the development, a full tree condition assessment, with tree work recommendations, will be required for health and safety purposes.

6.10 ***Compound area*** – The proposed site compound areas have not yet been designed. It is recommended that prior to the various phases of construction works commencing, the stages of works and location of each site compound area are agreed upon with the arboricultural consultant to ensure no unforeseen impacts occur to retained trees. They must avoid the Tree Protection Zones as outlined within the Tree Protection Plans at Appendix B.

6.11 ***Construction of greenway within tree RPAs –*** As part of the design, the proposal has taken into consideration the retained trees located along the route. Various low-impact systems have been designed to reduce the level of impact on the retained trees and maximise tree retention.

6.12 These systems include the use of a cantilevered boardwalk and an elevated boardwalk, as well as constructing new hard surfaces above the existing root/ground

level. Where incursions within tree RPAs occur and require careful consideration, these have been highlighted on the Tree Protection Plans at Appendix B.

6.13 For new areas of hard standing within tree RPAs, that are not elevated, these are required to be constructed above the existing root/ground level using a cellular confinement system, or similar approved, please refer to Appendix C. The use of this system will ensure that damage does not occur to the roots of the trees or the structure and function of the soil in which they are growing. If possible, the finishing surface material should be permeable to maintain water infiltration and gaseous exchange within the tree rooting areas.

6.14 There are areas of existing hard standing along the proposed route that are required to be refurbishment within the RPAs of retained trees. The removal and replacement of hard standing can negatively impact the health and structural condition of trees if not undertaken carefully in accordance with industry best practice. To minimise the impact, the excavation works must not exceed the depth of the existing sub-base layer or extend beyond the footprint of the existing hard standing or existing kerb line.

6.15 Where possible, the existing sub-base layer will be left in place and made good for the construction of the finishing material. This would be the least intrusive method of work adjacent to retained trees.

6.16 All working operations within the RPAs of retained trees must be carried out under the guidance and supervision of the arboricultural consultant. At each phase of the development, there will be a requirement to review the upcoming works and carry out toolbox talks to site contractors, highlighting the risks and proposed working methods.

6.17 ***Tree protection measures –*** Trees can be successfully protected during the proposed development works by using robust fencing that complies with the recommendations outlined within BS5837:2012. For details of all tree protection measures required during construction operations, please refer to the Tree Protection Plans located at Appendix B.

6.18 Any alterations of the proposed tree protection measures must be agreed in advance by the arboricultural consultant. If additional space in the local area is required to be used for site compounds, these must first be reviewed by the arboricultural consultant and, if required, the appropriate tree protection measures installed.

6.19 Prior to any construction works commencing, all tree protection measures must be signed off by the approved arboricultural consultant and a report submitted to the Local Authority Parks Department.

7 Discussion & Conclusion

General Change

7.1 The proposal has been carefully designed to minimise the impact on the existing trees and maximise tree retention. Although trees are required to be removed to facilitate the works, these are located within areas that contain extensive canopy cover. As a result, their loss within the wider local area is not considered to be significant.

7.2 The proposed development provides a good opportunity to enhance the amenities of the local area. Although tree loss does occur, there is potential for new tree planting to be carried out to mitigate their loss. Overall, the scheme can have a positive impact on the character and appearance of the local surrounding landscape.

Arboricultural Impacts

7.3 The proposal will require construction operations within the rooting areas of retained trees. Each impact has been assessed within this report, and design and construction measures have been proposed to help reduce the level of impact.

Proposal in relation to local planning policy

7.4 The proposed development has been assessed in line with local planning policies as they relate to trees. Arboricultural advice has helped to guide the design of the proposal and reduce tree-related impacts.

7.5 The proposal has been assessed in accordance with best practice BS5837:2012 and, provided the recommendations, as detailed within this report, are followed, retained trees can be successfully protected for the duration of construction.

Conclusion

7.6 The proposal has been assessed in accordance with BS5837:2012, and special working methods have been recommended to minimise tree impacts.

7.7 Retained trees have been assessed and can be successfully protected during the development by following the information provided within this report and adhering to industry best practice.

7.8 Provided the recommendations and methods of work, as outlined within this report, are adhered to, the proposed development can be successfully carried out without having a negative impact on the character or appearance of the surrounding landscape.

8 Recommendations

8.1 The proposal should be carried out in accordance with the recommendations outlined within this report.

Tree Protection

8.2 The positioning of tree protective barriers should be installed as detailed in the Tree Protection Plans at Appendix B.

8.3 The protective fencing measures to be installed must comply with the recommendations outlined within BS5837:2012.

8.4 No materials or equipment other than those required to install tree protection will be delivered to the site until all fencing and ground protection are in place.

8.5 Site supervision should be carried out by an arboricultural consultant at key stages of the project to ensure that retained trees can be successfully protected during the development. Details of supervision are included within the Arboricultural Method Statement at Section 2 of this report.

Tree Works

8.6 All tree works are required to be carried out in accordance with best working practice BS3998:2010 – *Tree Work Recommendations* and by a reputable arboricultural contractor.

Arboricultural mitigation

8.7 Tree planting is proposed to mitigate the loss of trees and must be carried out and maintained as specified by the Landscape Architect.

8.8 All new tree planting must be carried out in accordance with BS 8545:2014 *Trees: from nursery to independence in the landscape. Recommendations.*

8.9 New tree planting should take into consideration the mature growing size of the trees proposed to ensure that a harmonious relationship between trees and buildings and hard surfaces can be sustained for the long term, without the need for unnecessary pruning works or removals.

Section 2: Arboricultural Method Statement

Introduction

This report has been prepared in accordance with British Standard 5837: Trees in relation to design, demolition and construction – Recommendations (2012), which provides a methodology for the assessment and protection of trees and other significant vegetation on development sites.

Sequence of Operations

- Proposed tree works.
- Installation of tree protection measures.
- Enabling works.
- Construction.
- Landscaping.

Alternative sequences can be discussed and agreed with the local authority and project manager if required.

Supervision

All key/critical activities that will affect trees during construction will be inspected and monitored by the approved arboricultural consultant.

- Pre-commencement meeting with the site manager and local planning authority to discuss tree works and tree protection measures;
- Inspection of tree works and protection measures prior to the commencement of works;
- Monthly site visits to inspect tree protection measures;
- Supervision during excavation works within tree RPAs;
- Supervision during the refurbishment of hard standing within tree RPAs;
- Supervision during the installation of no-dig surfaces within tree RPAs;
- Supervision during any other works that may affect retained trees; and
- Tree inspection upon completion.

Arboricultural Method Statement	
Scope	**Methodology**
Pre-commencement meeting	Prior to the commencement of works, a meeting between the arboricultural consultant, site manager, and local planning authority will be held to discuss the tree removals, tree protection measures and proposed works required in close proximity to trees. Contact details of all parties will be circulated to ensure all team members are able to communicate correctly. The site manager will be responsible for the protection of all retained trees for the duration of the project. Whenever necessary, the site manager will engage the arboricultural consultant to ensure trees are adequately protected. The appointed arboricultural consultant will be available for verbal advice throughout the site works.
Tree Works	Please refer to the Tree Work Schedule at Appendix A for a list of all proposed tree works. The location of trees to be removed are highlighted on the Tree Removal Plans at Appendix B. It is the responsibility of the Site Manager to ensure all tree works have been approved by the local planning authority. All tree works will be carried out by a reputable arboricultural contractor in accordance with the recommendations given in BS 3998:2010 – Tree Work Recommendations. All tree works should be carried out in accordance with Section 40 of the Wildlife Act 1976 and Section 46 of the Wildlife (Amendment) Act 2000. It is the responsibility of the arboricultural contractor to ensure that no protected species are harmed whilst carrying out site clearance or tree surgery works.
Tree Protection	The position of tree protection measures for construction is shown on the Tree Protection Plans at Appendix B. Protective fencing must be constructed and installed using the BS5837:2012 fencing specification as detailed on the Tree Protection Plans at Appendix B. Alternatives to those shown must be agreed in advance by the client approved, arboricultural consultant.

	Ground protection measures must be installed in accordance with industry best practice guidance as stated within Section 6.2.3.3 of BS 5837:2012. They must be fit for purpose and capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil. No materials or equipment other than those required to erect protective fencing will be delivered to the site before the fencing is installed. Signs will be fixed to every third panel stating, *'Tree Protection Area Keep Out – Any incursion into the protected area must be with the agreement of the local authority or arboricultural consultant'*. The main contractor will inform the local authority and the arboricultural consultant that tree protection is in place before site clearance works commence. No alteration, removal or repositioning of the tree protection will take place during construction without the prior consent of the arboricultural consultant.
Compound Area	The site compound must be located outside the designated TPZs as highlighted on the Tree Protection Plans at Appendix B. No excavation works within tree RPAs are permitted to install temporary services for site cabins and facilities. Any temporary services within tree RPAs must be above ground and protected accordingly. No operating generators or toxic liquids will be stored within the RPAs of retained trees during construction. Overhanging tree canopies must be taken into consideration when transporting, installing and removing site cabins near tree crowns. A banksman will be present during this process to ensure that all operations are carried out in a controlled manner and no part of the cabin meets overhanging tree crowns.
Refurbishment of hard standing	The removal of existing hard standing and surfaces is required within the RPAs of retained trees. All working operations with tree RPAs are required to be carried out under the guidance and supervision of the arboricultural consultant. The use of machinery to fracture and remove broken material will only be permitted if approved by the supervising arboricultural consultant and under the careful guidance of a banksman.

	Broken material will be lifted and removed to a designated storage area located outside the RPA of retained trees. The proposal is to retain and make good the existing sub-base material to minimise root disturbance. If the removal of the sub-base material is required in certain areas, this will be undertaken in a careful manner, ensuring that no excavation works occur beyond the depth of the built material and into the soil layer below. All excavation works around the tree stems or existing roots will be carried out manually with hand-held tools only. If root pruning is required to be carried out, this must be approved in advance by the arboricultural consultant. Roots must only be pruned using a clean, sharp and sterile secateur or hand saw. Once the existing hard standing has been removed, the area for the proposed hard standing will be set out.
Installation of Cellular Confinement Systems	New footpaths proposed to be constructed using a cellular confinement system and will be carried out under arboricultural supervision using the following methodology; Once the existing hard standing or 50mm sod layer is removed (provided no surface roots are present), the area will be raked, and if levelling is required, this will be carried out through the spreading of lawn sand or a good quality topsoil. Once levelled, the area will be covered by a permeable membrane onto which the cellular system will be laid. This will then be infilled with 20-40mm angular non-fine aggregate and edged with pressure-treated pegged timber board or similar. The finishing surface layer will consist of a permeable hard surface material. The system must be installed in accordance with the manufacturer's specifications. For additional information, please refer to Appendix C of this report.
Post holes for Elevated Boardwalk within RPAs	Post holes will be carefully positioned as far away from the stem of trees as possible to minimise contact with tree stems and significant tree roots. Holes will be manually excavated with the use of hand tools only and where roots greater than 25mm in diameter or large fibrous roots are

	present, the position of the hole will be slightly altered to avoid potential root damage. If the position of the hole cannot be altered, roots greater than 25mm in diameter or large fibrous roots will be protected with taped flexible plastic pipes and retained within the pit. In some cases, individual roots less than 25mm in diameter may be pruned, making a clean cut with a suitable sharp sterile tool (e.g. secateurs or hand saw). Once the required depth has been excavated, the hole will be lined using 1000-gauge polythene and filled with the appropriate concrete mix.
General Principals to Avoid Damage to Trees	All tree works will be carried out in accordance with the recommendations given in BS 3998 (2010). No fires will be permitted within 20m of the crown of any tree. No changes in soil levels will take place within the tree protection zones without prior written consent of the local authority. No materials, vehicles, plant or personnel will be permitted into the tree protection zones at any time without the prior consent of the arboricultural consultant. Any liquid materials spilt on site will be immediately cleared up and removed from the site. If liquid fuel or cement products are spilt within 2m of the tree protection zone, the contractor will report the incident to the arboricultural consultant immediately. The contractor will report any damage to trees or shrubs, whether caused by construction activities or from any other cause to the arboricultural consultant immediately.
Landscape Operations	All landscape operations within the protected area will be carried out by hand, using hand tools only, unless otherwise agreed with by the arboricultural consultant. No dumping of spoil or rubbish, parking of vehicles or plant, storage of materials or temporary accommodation will be undertaken within the TPZs. Soil levels will not be increased or reduced within the RPAs of trees without prior agreement from the arboricultural consultant.

Appendix A - Schedule

Document	Reference	Revision
Tree Schedule	240905-PD-10	-
Tree Work Schedule	240905-PD-12	-

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ARBORICULTURAL CONSULTANCY

240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T1	1	Betula pendula (Silver Birch)	10.0	22	1	2.5		2.5		2.5		2.5		1.5		Early Mature	Structural condition Good. Physiological condition Good. Higher value Category C tree, has growth potential. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	21.9	2.6	20-40	C1
Hedge H2	1	Ligustrum sp. (Privet sp.)	1.5	7	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.2	0.8	10-20	C2
Hedge H3	1	Buxus sempervirens (Common Box)	2.0	7	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.2	0.8	10-20	C2
Hedge H4	1 1 1	Ilex sp. (Holly sp.) Ligustrum sp. (Privet sp.) Pyracantha sp. (Pyracantha)	1.0	7 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained with three small shrubs.	06/11/2024	2.2	0.8	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

Generated By MyTREES tree management software

240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Hedge H5	1	Buxus sempervirens (Common Box)	1.7	7 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal hedgerow with various species.	06/11/2024	2.2	0.8	10-20	C2
	1	Ilex sp. (Holly sp.)																				
	1	Ligustrum sp. (Privet sp.)																				
	1	Pyracantha sp. (Pyracantha)																				
	1	Stranvaesia davidiana (Photinia)																				
Hedge H6	1	Laurocerasus lusitanica (Portugal Laurel)	1.7	6	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	1.6	0.7	10-20	C2
Hedge H7	1	Laurocerasus lusitanica (Portugal Laurel)	1.7	6	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	1.6	0.7	10-20	C2
Hedge H8	1	Laurocerasus officinalis (Cherry Laurel)	3.0	8	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.9	1.0	10-20	C2
Tree T9	1	Betula pendula (Silver Birch)	12.0	24	1	3.0		3.0		3.0		1.54		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	26.1	2.9	20-40	B2
Tree T10	1	Betula pendula (Silver Birch)	12.0	24	1	3.0		2.22		3.0		1.90		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	26.1	2.9	20-40	B2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T11	1	Betula pendula (Silver Birch)	12.0	24	1	3.0		2.22		3.0		1.90		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	26.1	2.9	20-40	B2
Tree T12	1	Betula pendula (Silver Birch)	12.0	24	1	3.0		2.22		3.0		1.90		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	26.1	2.9	20-40	B2
Tree T13	1	Cerasus avium (Wild Cherry)	12.0	24	1	3.0		2.22		3.0		3.15		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	26.1	2.9	10-20	C2
Tree T14	1	Acer pseudoplatanus (Sycamore)	6.0	10	1	2.0		2.0		2.0		2.0		1.0		Young	Structural condition Poor. Physiological condition Fair. Competition - Adjacent trees. Suppressed crown - Major. DBH estimated due to inaccessibility.	06/11/2024	4.5	1.2	10-20	C2
Tree T15	1	Fraxinus excelsior (Ash)	10.0	45	1	4.0		4.0		4.0		2.18		2.0		Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located below level of footpath.	06/11/2024	91.6	5.4	10-20	C2
Tree T16	1	Fraxinus excelsior (Ash)	10.0	45	1	7.22		4.0		3.57		6.29		2.0		Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located below level of footpath.	06/11/2024	91.6	5.4	10-20	C2
Tree T17	1	Tilia cordata (Small Leaved Lime)	14.0	90	1	8.00		9.21		7.58		9.05		2.0		Mature	Structural condition Fair. Physiological condition Good. Crown reduction - Recent. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	366.4	10.8	40+	A2
Tree T18	1	Tilia cordata (Small Leaved Lime)	12.0	60	1	6.00		6.96		5.99		5.09		2.5		Mature	Structural condition Fair. Physiological condition Fair. Crown reduction - Recent. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	162.9	7.2	20-40	B2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T19	1	Tilia cordata (Small Leaved Lime)	12.0	60	1	7.64		5.54		6.51		7.18		2.5		Mature	Structural condition Fair. Physiological condition Fair. Crown reduction - Recent. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	162.9	7.2	20-40	B2
Tree T20	1	Tilia cordata (Small Leaved Lime)	12.0	60	1	7.64		8.59		6.51		7.18		2.5		Mature	Structural condition Fair. Physiological condition Fair. Crown reduction - Recent. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	162.9	7.2	20-40	B2
Tree T21	1	Tilia cordata (Small Leaved Lime)	12.0	84 COM	2	7.64		8.59		6.51		7.18		2.5		Mature	Structural condition Fair. Physiological condition Fair. Crown reduction - Recent. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	325.7	10.2	20-40	B2
Tree T22	1	Tilia cordata (Small Leaved Lime)	12.0	60	1	7.64		3.20		6.51		7.18		2.5		Mature	Structural condition Fair. Physiological condition Fair. Crown reduction - Recent. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	162.9	7.2	20-40	B2
Tree T23	1	Pinus sylvestris (Scots Pine)	7.0	40	1	2.18		2.69		7.18		5.48		3.0		Mature	Structural condition Fair. Physiological condition Poor. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Offsite tree. Prominent landscape feature.	06/11/2024	72.4	4.8	10-20	C1
Tree T24	1	Acer pseudoplatanus (Sycamore)	10.0	45	1	6.5		6.5		6.5		6.5		5.0		Early Mature	Structural condition Fair. Physiological condition Good. Ivy or climbing plant. DBH estimated due to inaccessibility. Tree located below bank within basin.	06/11/2024	91.6	5.4	20-40	C1
Shrub S25	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	28	1	4.0		4.0		4.0		4.0		2.0		Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located below bank within basin.	06/11/2024	35.5	3.4	10-20	C2

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S26		Sambucus nigra (Elder)	6.0	26	1		4.0		4.0		1.54		2.59	2.0		Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Leaning trunk - Major. Dimensions estimated due to inaccessibility.	06/11/2024	30.6	3.1	10-20	C2
Shrub S27	1	Sambucus nigra (Elder)	8.0	28	1	3.35		3.68		1.54		2.59		2.5		Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Leaning trunk - Major. Dimensions estimated due to inaccessibility. DBH estimated, average of stems. Location estimated, not plotted on topographical survey.	06/11/2024	35.5	3.4	10-20	C2
Group G28	1	Fagus sylvatica (Common Beech)	9.0	10	1	3.0		3.0		3.0		3.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Linear group of beech trees located adjacent to steps. Overhangs steps.	06/11/2024	4.5	1.2	10-20	C2
Tree T29	1	Alnus cordata (Italian Alder)	10.0	27	1	2.31		2.95		2.17		2.04		2.0		Early Mature	Structural condition Poor. Physiological condition Fair. Suppressed crown - Major. Higher value Category C tree, reduced due to form and likely life expectancy.	06/11/2024	33.0	3.2	10-20	C1
Tree T30	1	Fraxinus excelsior (Ash)	7.0	14	1	1.52		0.69		1.04		3.0		2.0		Semi Mature	Structural condition Poor. Physiological condition Fair. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	8.9	1.7	0-10	C2
Tree T31	1	Alnus cordata (Italian Alder)	8.0	14	1	2.5		2.5		2.5		2.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Higher value Category C tree, reduced due to location and likely life expectancy. Location estimated, not plotted on topographical survey.	06/11/2024	8.9	1.7	20-40	C2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G32		Acer pseudoplatanus (Sycamore)	3.0	9 AVE	1	2.0		2.0		2.0		2.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal gapped hedgerow.	06/11/2024	3.7	1.1	10-20	C2
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Fraxinus excelsior (Ash)																				
	1	Sambucus nigra (Elder)																				
Tree T33	1	Acer pseudoplatanus (Sycamore)	7.0	26 COM	5	3.0		3.0		3.0		3.0		0.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Regrown. Ivy or climbing plant.	06/11/2024	32.6	3.2	10-20	C2
Hedge H34	1	Pyracantha sp. (Pyracantha)	1.5	4	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal hedgerow.	06/11/2024	0.7	0.5	10-20	C2
Hedge H35	1	Pyracantha sp. (Pyracantha)	1.5	4	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	0.7	0.5	10-20	C2
Tree T36	1	Sorbus aucuparia (Rowan/Mountain Ash)	7.0	18	1		0.62		1.01		2.0		1.40	1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	06/11/2024	14.7	2.2	10-20	C2
Tree T37	1	Sorbus aucuparia (Rowan/Mountain Ash)	5.0	18	1		1.5		1.5		1.5		1.5	1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	14.7	2.2	10-20	C2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T38	1	Sorbus aucuparia (Rowan/Mountain Ash)	7.0	24	1		1.5		1.5		1.5		1.5	1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	26.1	2.9	10-20	C2
Tree T39	1	Alnus cordata (Italian Alder)	9.0	22	1	5.02	2.87		0.66		4.0			0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Major. Higher value Category C tree, reduced due to location and likely life expectancy. Location estimated, not plotted on topographical survey.	06/11/2024	21.9	2.6	10-20	C2
Hedge H40	1	Pyracantha sp. (Pyracantha)	1.5	4	1	0.5	0.5		0.5		0.5			0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	0.7	0.5	10-20	C2
Tree T41	1	Fraxinus excelsior (Ash)	8.0	33 COM	2	2.5	2.5		2.5		0.68			3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant.	06/11/2024	52.1	4.1	10-20	C2
Tree T42	1	Fraxinus excelsior (Ash)	8.0	33 COM	2	3.0	0.83		3.0		3.0			3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	06/11/2024	52.1	4.1	10-20	C2
Tree T43	1	Fraxinus excelsior (Ash)	8.0	24	1	1.5	1.5		0.95		0.29			3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	06/11/2024	26.1	2.9	0-10	U
Tree T44	1	Fraxinus excelsior (Ash)	8.0	29	1	2.61	1.57		3.8		3.8			3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	06/11/2024	38.0	3.5	10-20	C2
Tree T45	1	Alnus cordata (Italian Alder)	12.0	27	1	3.53	3.73		3.16		1.11			3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. DBH estimated due to inaccessibility.	06/11/2024	33.0	3.2	10-20	C2

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T46	1	Fraxinus excelsior (Ash)	12.0	42	1	3.86		1.88		5.0		3.68		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. DBH estimated due to inaccessibility.	06/11/2024	79.8	5.0	10-20	C1
Tree T47	1	Alnus cordata (Italian Alder)	9.0	36 COM	3	2.88		0.94		2.65		2.82		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Major. DBH estimated due to inaccessibility. Tree located below bank within basin.	06/11/2024	59.9	4.4	10-20	C2
Tree T48	1	Fraxinus excelsior (Ash)	12.0	27	1	3.37		5.0		3.59		1.21		3.0		Early Mature	Structural condition Poor. Physiological condition Fair. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility.	06/11/2024	33.0	3.2	10-20	C2
Tree T49	1	Fraxinus excelsior (Ash)	12.0	38	1	4.52		2.29		4.64		4.33		3.0		Early Mature	Structural condition Poor. Physiological condition Fair. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility. Higher value Category C tree, reduced due to location and likely life expectancy.	06/11/2024	65.3	4.6	10-20	C2
Tree T50	1	Alnus cordata (Italian Alder)	12.0	38 COM	3	4.0		4.0		4.0		1.62		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Minor. Lower value Category B tree, has growth potential.	11/11/2024	65.7	4.6	20-40	B2
Tree T51	1	Alnus cordata (Italian Alder)	12.0	38	1	4.0		1.64		4.0		4.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Minor. Lower value Category B tree, has growth potential.	11/11/2024	65.3	4.6	20-40	B2
Tree T52	1	Fraxinus excelsior (Ash)	11.0	46	1	7.0		7.0		1.69		4.75		3.5		Early Mature	Structural condition Poor. Physiological condition Fair. Poor past pruning. Suppressed crown - Major. Unbalanced crown - Minor.	06/11/2024	95.7	5.5	10-20	C2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T53	1	Fraxinus excelsior (Ash)	11.0	48	1	5.46		2.96		1.69		7.78		3.5		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Stems - Sub-dominant. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility.	06/11/2024	104.2	5.8	10-20	C2
Tree T54	1	Fraxinus excelsior (Ash)	9.0	37	1	4.0		4.0		4.0		4.0		3.0		Early Mature	Structural condition Fair. Physiological condition Good.	06/11/2024	61.9	4.4	10-20	C1
Tree T55	1	Alnus cordata (Italian Alder)	9.0	31 COM	3	2.41		4.0		4.0		1.57		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Higher value Category C tree, reduced due to form and likely life expectancy.	06/11/2024	44.0	3.7	10-20	C1
Tree T56	1	Alnus cordata (Italian Alder)	9.0	23	1	2.7		2.00		2.7		2.7		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Minor.	06/11/2024	23.9	2.8	10-20	C2
Tree T57	1	Fraxinus excelsior (Ash)	12.0	34	1	5.0		1.78		5.0		5.64		3.5		Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Minor. Unbalanced crown - Minor. Higher value Category C tree, reduced due to species and likely life expectancy.	06/11/2024	52.3	4.1	10-20	C1
Tree T58	1	Fraxinus excelsior (Ash)	12.0	31	1	2.64		5.64		3.60		0.65		3.5		Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Major. Unbalanced crown - Major.	06/11/2024	43.5	3.7	10-20	C1
Shrub S59	1	Crataegus monogyna (Common Hawthorn/Quick/May)	4.0	17	1	1.16		3.0		1.56		0.99		2.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Minor. Dimensions estimated due to inaccessibility.	06/11/2024	13.1	2.0	10-20	C2
Tree T60	1	Fraxinus excelsior (Ash)	12.0	35	1	3.48		6.0		2.33		0.76		7.0		Early Mature	Structural condition Poor. Physiological condition Fair. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy.	06/11/2024	55.4	4.2	10-20	C2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T61	1	Fraxinus excelsior (Ash)	12.0	35	1	3.48		1.42		0.95		3.77		7.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy.	06/11/2024	55.4	4.2	10-20	C2
Tree T62	1	Fraxinus excelsior (Ash)	12.0	35	1	3.48		1.42		0.95		7.06		7.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy.	06/11/2024	55.4	4.2	10-20	C2
Tree T63	1	Fraxinus excelsior (Ash)	12.0	40	1	3.48		4.22		0.95		1.68		7.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Decay / structural defect - Open cavity / cavities. Decay / structural defect - Bole. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy. Pollard recently cut, 2 emergent stems.	06/11/2024	72.4	4.8	0-10	U
Tree T64	1	Fraxinus excelsior (Ash)	14.0	33 COM	2	6.89		2.92		1.62		4.18		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy.	06/11/2024	52.1	4.1	10-20	C2
Tree T65	1	Fraxinus excelsior (Ash)	14.0	28 COM	2	2.13		1.40		1.62		4.90		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy.	06/11/2024	36.2	3.4	0-10	C3
Tree T66	1	Fraxinus excelsior (Ash)	14.0	48 COM	2	5.36		4.19		1.62		3.10		5.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy.	06/11/2024	104.3	5.8	10-20	C2/C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T67	1	Fraxinus excelsior (Ash)	14.0	57	1	6.67		2.58		2.05		6.92		5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy. Higher value Category C tree, reduced due to form and likely life expectancy.	06/11/2024	147.0	6.8	10-20	C2
Tree T68	1	Fraxinus excelsior (Ash)	14.0	51	1	4.76		5.85		2.05		6.92		5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy. Higher value Category C tree, reduced due to form and likely life expectancy.	06/11/2024	117.7	6.1	10-20	C1
Shrub S69	1	Sambucus nigra (Elder)	5.0	21	1	3.0		3.0		3.0		3.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated, average of stems.	06/11/2024	20.0	2.5	10-20	C2
Tree T70	1	Fraxinus excelsior (Ash)	14.0	49	1	4.76		5.85		3.14		3.94		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Unbalanced crown - Major. Crown lifted, high canopy. Higher value Category C tree, reduced due to form and likely life expectancy.	06/11/2024	108.6	5.9	10-20	C1
Shrub S71	1	Crataegus monogyna (Common Hawthorn/Quick/May)	6.0	21	1	2.5		2.5		2.5		2.5		2.0		Mature	Structural condition Fair. Physiological condition Fair.	06/11/2024	20.0	2.5	10-20	C2
Tree T72	1	Fraxinus excelsior (Ash)	7.0	13	1	2.23		3.0		1.28		1.29		2.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	06/11/2024	7.6	1.6	10-20	C2
Tree T73	1	Fraxinus excelsior (Ash)	9.0	26	1	2.98		2.24		1.99		2.75		6.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Fork - Weak with included bark. Stems - Co-dominant. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	06/11/2024	30.6	3.1	10-20	C2

Stem **green** Estimated value

Stem **AVE** Average stem diameter for tree groups

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T74	1	Fraxinus excelsior (Ash)	12.0	38	1	2.33		1.71		1.57		4.0		6.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Suppressed crown - Major.	06/11/2024	65.3	4.6	0-10	U
Tree T75	1	Fraxinus excelsior (Ash)	12.0	36	1	6.44		2.79		1.77		4.0		3.0		Early Mature	Structural condition Poor. Physiological condition Fair. Poor past pruning. Subsiding limb / limbs - Suspected. Unbalanced crown - Major.	06/11/2024	58.6	4.3	10-20	C2
Tree T76	1	Fraxinus excelsior (Ash)	12.0	32	1	4.01		1.77		2.48		8.84		3.0		Early Mature	Structural condition Poor. Physiological condition Fair. Poor past pruning. Subsiding limb / limbs - Suspected. Unbalanced crown - Major.	06/11/2024	46.3	3.8	10-20	C2
Shrub S77	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	28	1	3.0		3.0		3.0		1.86		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated due to inaccessibility.	06/11/2024	35.5	3.4	10-20	C2
Shrub S78	1	Sambucus nigra (Elder)	7.0	38	1	3.84		4.60		3.0		3.40		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated due to inaccessibility. Large Example of species.	06/11/2024	65.3	4.6	10-20	C2
Tree T79	1	Fraxinus excelsior (Ash)	4.0	8	1	1.5		1.5		1.5		1.5		1.0		Young	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	2.9	1.0	10-20	C2
Tree T80	1	Fraxinus excelsior (Ash)	12.0	50	1	7.86		7.0		3.38		6.34		5.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Suppressed crown - Major. Unbalanced crown - Major. Tree located on opposite side of the drainage ditch. Dimensions estimated due to inaccessibility.	11/11/2024	113.1	6.0	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T81		Fraxinus excelsior (Ash)	12.0	48 COM	2	6.15		5.71		2.47		7.45		5.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Poor past pruning. Suppressed crown - Major. Unbalanced crown - Major. Tree located on opposite side of the drainage ditch. Dimensions estimated due to inaccessibility.	06/11/2024	104.6	5.8	10-20	C2
Shrub S82	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	29	1	0.97		2.0		2.0		2.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Crown lifted, high canopy. Dimensions estimated due to inaccessibility. DBH estimated, average of stems.	06/11/2024	38.0	3.5	10-20	C2
Shrub S83	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	29	1	0.97		2.0		2.0		2.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Crown lifted, high canopy. Dimensions estimated due to inaccessibility. DBH estimated, average of stems.	06/11/2024	38.0	3.5	10-20	C2
Shrub S84	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	29	1	0.97		2.0		2.0		2.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Crown lifted, high canopy. Dimensions estimated due to inaccessibility. DBH estimated, average of stems.	06/11/2024	38.0	3.5	10-20	C2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G85	1	Acer pseudoplatanus (Sycamore)	2.5	10 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal gapped hedgerow. Rural scrub species.	06/11/2024	4.5	1.2	10-20	C2
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Fraxinus excelsior (Ash)																				
	1	Sambucus nigra (Elder)																				
Shrub S86	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	25	1		2.0		2.0		2.0		2.0	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. DBH estimated, average of stems.	06/11/2024	28.3	3.0	10-20	C2
Group G87	1	Crataegus monogyna (Common Hawthorn/Quick/May)	2.5	10 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal managed hedgerow up to path. Rural scrub species.	06/11/2024	4.5	1.2	10-20	C2
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
	1	Sambucus nigra (Elder)																				
Tree T88	1	Fraxinus excelsior (Ash)	6.0	12	1	1.5		1.5		1.5		1.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair.	06/11/2024	6.5	1.4	10-20	C2

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T89		Fraxinus excelsior (Ash)	8.0	18 COM	4	1.5		1.5		1.5		1.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair.	06/11/2024	14.7	2.2	10-20	C2
Tree T90	1	Acer pseudoplatanus (Sycamore)	5.0	11	1	1.5		1.5		1.5		1.5		1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	5.5	1.3	10-20	C2
Tree T91	1	Fraxinus excelsior (Ash)	8.0	28 COM	2	3.5		3.5		3.5		3.5		2.0		Early Mature	Structural condition Poor. Physiological condition Fair. Felled high stump, regrown.	06/11/2024	36.2	3.4	10-20	C2
Hedge H92	1 1	Hedera helix (Common Ivy) Sambucus nigra (Elder)	2.0	5 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow recently maintained back to wall.	06/11/2024	1.1	0.6	10-20	C2
Tree T93	1	Fraxinus excelsior (Ash)	9.0	28	1		4.0		1.77		4.0		4.90	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Tree located above level of site located at the top of bank.	06/11/2024	35.5	3.4	0-10	U
Tree T94	1	Fraxinus excelsior (Ash)	5.0	9	1	0.5		0.5		0.5		0.5		3.0		Young	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	3.7	1.1	0-10	U
Tree T95	1	Fraxinus excelsior (Ash)	9.0	28	1		2.45		2.71		2.64		1.35	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Open cavity / cavities. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	06/11/2024	35.5	3.4	0-10	U
Tree T96	1	Fraxinus excelsior (Ash)	9.0	28	1	2.02		3.15		2.71		2.64		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	06/11/2024	35.5	3.4	0-10	C3

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T97	1	Fraxinus excelsior (Ash)	10.0	32	1		1.56		2.71		4.28		3.31	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	06/11/2024	46.3	3.8	0-10	C3
Tree T98	1	Fraxinus excelsior (Ash)	7.0	18	1		0.5		0.5		0.5		0.5	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located below bank within basin.	06/11/2024	14.7	2.2	0-10	U
Tree T99	1	Alnus cordata (Italian Alder)	10.0	24	1	2.13		1.56		1.00		1.99		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located below bank within basin.	06/11/2024	26.1	2.9	10-20	C2/C3
Tree T100	1	Fraxinus excelsior (Ash)	10.0	24	1	2.13		1.56		1.00		1.99		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located below bank within basin. Location estimated, not plotted on topographical survey.	06/11/2024	26.1	2.9	10-20	C2/C3
Tree T101	1	Alnus cordata (Italian Alder)	12.0	33 COM	2	2.81		3.43		1.65		2.84		3.0		Early Mature	Structural condition Poor. Physiological condition Good. Base / stems obscured - Vegetation. Ivy or climbing plant. Stems - Co-dominant. Suppressed crown - Minor. Located below level of footpath. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to location and likely life expectancy.	06/11/2024	52.1	4.1	10-20	C1
Tree T102	1	Fraxinus excelsior (Ash)	7.0	23	1		4.0		2.53		1.49		1.24	2.5		Semi Mature	Structural condition Poor. Physiological condition Poor. Bark wound - Physical damage or vandalism. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Located above level of footpath at top of bank.	06/11/2024	23.9	2.8	0-10	U

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T103	1	Fraxinus excelsior (Ash)	9.0	38	1		3.93		1.31		4.64		4.52	2.5		Semi Mature	Structural condition Poor. Physiological condition Poor. Bark wound - Physical damage or vandalism. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Located above level of footpath at top of bank. Felled high stump, regrown.	06/11/2024	65.3	4.6	10-20	C3
Tree T104	1	Alnus cordata (Italian Alder)	12.0	21	1	1.80		1.76		1.26		1.96		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Stems - Co-dominant. Suppressed crown - Minor. Located below level of footpath. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to location and likely life expectancy.	06/11/2024	20.0	2.5	0-10	C3
Tree T105	1	Fraxinus excelsior (Ash)	1.0	22 COM	2	2.38		1.80		0.80		2.02		5.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant.	06/11/2024	23.5	2.7	10-20	C2
Tree T106	1	Fraxinus excelsior (Ash)	10.0	19	1	1.54		1.26		2.07		1.27		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	16.3	2.3	0-10	C3
Tree T107	1	Fraxinus excelsior (Ash)	10.0	19	1	1.54		1.26		2.07		1.27		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	16.3	2.3	0-10	C3
Tree T108	1	Fraxinus excelsior (Ash)	10.0	19	1	1.54		1.26		2.07		1.27		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	16.3	2.3	0-10	C3
Tree T109	1	Fraxinus excelsior (Ash)	10.0	19	1	1.54		1.26		2.07		1.27		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	16.3	2.3	0-10	C3

Stem **green** Estimated value
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T110	1	Fraxinus excelsior (Ash)	10.0	19	1	1.54		1.26		2.07		1.27		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	16.3	2.3	0-10	C3
Tree T111	1	Alnus cordata (Italian Alder)	7.0	21	1	2.48		3.0		1.88		3.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Located below level of footpath within bank.	06/11/2024	20.0	2.5	20-40	C1
Tree T112	1	Fraxinus excelsior (Ash)	7.0	14	1		2.0		0.66		2.0		2.0	4.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Located below level of footpath within bank.	06/11/2024	8.9	1.7	0-10	C1/C3
Tree T113	1	Fraxinus excelsior (Ash)	7.0	14	1		1.5		0.62		1.5		1.5	4.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Located below level of footpath within bank.	06/11/2024	8.9	1.7	0-10	U
Tree T114	1	Fraxinus excelsior (Ash)	13.0	22	1	0.83		2.00		2.07		1.27		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	21.9	2.6	0-10	C3
Tree T115	1	Fraxinus excelsior (Ash)	13.0	22	1	1.41		1.04		2.07		1.70		2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	21.9	2.6	0-10	C3
Tree T116	1	Fraxinus excelsior (Ash)	13.0	31 COM	2		2.30		2.99		2.80		1.41	2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	43.8	3.7	0-10	C3
Tree T117	1	Fraxinus excelsior (Ash)	13.0	22	1		1.84		3.18		2.34		0.56	2.5		Early Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. Mass group of stems.	06/11/2024	21.9	2.6	0-10	C3
Tree T118	1	Fraxinus excelsior (Ash)	7.0	10	1		0.83		0.62		0.66		0.76	4.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	06/11/2024	4.5	1.2	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T119	1	Fraxinus excelsior (Ash)	7.0	10	1		0.83		0.62		0.66		0.76	4.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	06/11/2024	4.5	1.2	0-10	U
Tree T120	1	Acer pseudoplatanus (Sycamore)	9.0	22	1	1.86		1.75		0.40		0.66		2.5		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	21.9	2.6	0-10	U
Tree T121	1	Acer pseudoplatanus (Sycamore)	9.0	22	1	1.86		0.60		0.40		1.95		2.5		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank. DBH estimated, average of stems.	06/11/2024	21.9	2.6	0-10	U
Tree T122	1	Fraxinus excelsior (Ash)	9.0	17	1		0.98		1.36		1.93		1.86	4.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	13.1	2.0	0-10	U
Tree T123	1	Fraxinus excelsior (Ash)	13.0	34	1		2.85		3.18		3.04		3.43	2.5		Mature	Structural condition Poor. Physiological condition Poor. Located above level of footpath at top of bank. DBH estimated due to inaccessibility.	06/11/2024	52.3	4.1	0-10	U
Tree T124	1	Fraxinus excelsior (Ash)	6.0	17	1		0.98		0.61		1.93		0.92	3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	13.1	2.0	0-10	U
Tree T125	1	Fraxinus excelsior (Ash)	8.0	24	1	3.0		3.0		3.0		3.0		2.5		Early Mature	Structural condition Fair. Physiological condition Fair.	06/11/2024	26.1	2.9	10-20	C2
Tree T126	1	Fraxinus excelsior (Ash)	7.0	10	1		2.0		2.0		2.0		2.0	1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Minor. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	06/11/2024	4.5	1.2	10-20	C2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T127	1	Fraxinus excelsior (Ash)	6.0	11	1	1.06		0.92		0.55		0.76		3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	5.5	1.3	0-10	U
Tree T128	1	Fraxinus excelsior (Ash)	6.0	11	1	1.06		0.92		0.55		0.76		3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	5.5	1.3	0-10	U
Tree T129	1	Fraxinus excelsior (Ash)	6.0	22 COM	4	1.56		1.50		0.91		1.27		3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	21.9	2.6	0-10	U
Tree T130	1	Fraxinus excelsior (Ash)	6.0	11	1	1.56		1.50		0.91		1.27		3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Located below level of footpath within bank.	06/11/2024	5.5	1.3	0-10	C3
Tree T131	1	Fraxinus excelsior (Ash)	7.0	24	1	2.0		2.0		2.0		2.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Located below level of footpath within bank. Dimensions estimated due to inaccessibility. DBH estimated, average of stems.	06/11/2024	26.1	2.9	10-20	C2
Tree T132	1	Acer pseudoplatanus (Sycamore)	5.0	10	1	1.5		1.5		1.5		1.5		1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	4.5	1.2	10-20	C2
Tree T133	1	Fraxinus excelsior (Ash)	5.0	26	1	2.6		2.6		2.6		2.6		1.0		Early Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	30.6	3.1	0-10	C3
Tree T134	1	Fraxinus excelsior (Ash)	8.0	24	1	4.0		4.0		4.0		4.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	26.1	2.9	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T135	1	Alnus cordata (Italian Alder)	8.0	24	1	2.59		2.32		3.25		3.07		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	26.1	2.9	10-20	C2
Tree T136	1	Alnus cordata (Italian Alder)	8.0	24	1	2.59		3.09		3.25		1.78		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Stems - Co-dominant. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	26.1	2.9	10-20	C2
Tree T137	1	Fraxinus excelsior (Ash)	8.0	29	1		1.70		1.92		3.24		2.59	2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Stems - Co-dominant. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	38.0	3.5	10-20	C2
Tree T138	1	Alnus cordata (Italian Alder)	8.0	21	1		2.77		2.58		3.24		1.78	2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Stems - Co-dominant. DBH estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	20.0	2.5	10-20	C2
Tree T139	1	Fraxinus excelsior (Ash)	8.0	21	1	1.78		2.77		1.68		1.70		2.0		Early Mature	Structural condition Poor. Physiological condition Poor. Stems - Co-dominant. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	06/11/2024	20.0	2.5	0-10	C3
Tree T140	1	Fraxinus excelsior (Ash)	9.0	29	1		3.30		1.92		3.24		2.59	2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Stems - Co-dominant. DBH estimated due to inaccessibility. Located below level of footpath within bank. DBH estimated, average of stems.	06/11/2024	38.0	3.5	10-20	C2
Shrub S141	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	19	1	2.0		2.0		2.0		2.0		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Located above level of footpath at top of bank.	06/11/2024	16.3	2.3	10-20	C2
Tree T142	1	Acer pseudoplatanus (Sycamore)	12.0	50	1	7.0		3.32		7.0		7.0		1.0		Mature	Structural condition Fair. Physiological condition Fair. Located above level of footpath at top of bank. Large Area of coppiced stems.	06/11/2024	113.1	6.0	20-40	B2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T143	1	Acer pseudoplatanus (Sycamore)	12.0	50	1	4.17		7.0		7.0		4.28		1.0		Mature	Structural condition Fair. Physiological condition Fair. Located above level of footpath at top of bank. Large Area of coppiced stems.	06/11/2024	113.1	6.0	20-40	B2
Tree T144	1	Acer pseudoplatanus (Sycamore)	12.0	50	1	7.0		6.94		7.0		7.0		1.0		Mature	Structural condition Fair. Physiological condition Fair. Located above level of footpath at top of bank. Large Area of coppiced stems.	06/11/2024	113.1	6.0	20-40	B2
Shrub S145	1	Crataegus monogyna (Common Hawthorn/Quick/May)	6.0	23	1	3.0		3.0		3.0		3.0		1.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility.	06/11/2024	23.9	2.8	10-20	C3
Shrub S146	1	Fraxinus excelsior (Ash)	7.0	23	1	3.0		3.0		3.0		3.0		2.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility.	06/11/2024	23.9	2.8	10-20	C3
Shrub S147	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	15	1	1.5		1.5		1.5		1.5		1.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility.	06/11/2024	10.2	1.8	10-20	C3
Tree T148	1	Fraxinus excelsior (Ash)	5.0	24	1	3.0		3.0		3.0		3.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	26.1	2.9	10-20	C2
Tree T149	1	Acer pseudoplatanus (Sycamore)	5.0	24	1	3.0		3.0		3.0		3.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	26.1	2.9	10-20	C2
Tree T150	1	Acer pseudoplatanus (Sycamore)	5.0	24	1	3.0		3.0		3.0		3.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	06/11/2024	26.1	2.9	10-20	C2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T151	1	Acer pseudoplatanus (Sycamore)	12.0	55	1	5.5		5.5		5.5		5.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to form and previous management.	06/11/2024	136.8	6.6	10-20	C2
Group G152	1	Buxus sempervirens (Common Box)	3.0	7 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.2	0.8	10-20	C2
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
	1	Sambucus nigra (Elder)																				
Group G153			2.5	7 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained behind fence with small scrub trees set back from the path.	06/11/2024	2.2	0.8	10-20	C2
Tree T154	1	Acer pseudoplatanus (Sycamore)	11.0	45	1	5.0		5.0		5.0		2.79		5.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	91.6	5.4	20-40	B2
Tree T155	1	Acer pseudoplatanus (Sycamore)	11.0	45	1	5.0		2.44		5.0		5.0		5.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	91.6	5.4	20-40	B2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T156	1	Acer pseudoplatanus (Sycamore)	12.0	45	1	5.31		6.05		2.44		5.96		5.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility.	06/11/2024	91.6	5.4	20-40	B2
Tree T157	1	Acer pseudoplatanus (Sycamore)	12.0	45	1		4.02		5.96		5.31		6.05	5.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility.	06/11/2024	91.6	5.4	20-40	B2
Tree T158	1	Acer pseudoplatanus (Sycamore)	11.0	30	1	5.0		5.0		1.15		5.0		5.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	40.7	3.6	20-40	B2
Tree T159	1	Fagus sylvatica (Common Beech)	15.0	55	1	6.0		9.02		8.03		8.55		5.0		Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility.	06/11/2024	136.8	6.6	40+	A2
Hedge H160	1 1	Buxus sempervirens (Common Box) Rubus fruticosus s. (Blackberry/Bramble)	2.5	5 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained growing along fence line.	06/11/2024	1.1	0.6	10-20	C2
Tree T161	1	Ilex aquifolium (Holly)	7.0	15	1	2.5		2.5		2.5		2.5		1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	10.2	1.8	10-20	C2
Tree T162	1	Alnus cordata (Italian Alder)	7.0	14 COM	2	2.40		3.0		3.0		3.0		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. Pined beneath power lines.	06/11/2024	9.0	1.7	10-20	C2
Tree T163	1	Alnus cordata (Italian Alder)	13.0	32	1	4.0		4.0		4.0		4.0		2.5		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. Pined beneath power lines.	06/11/2024	46.3	3.8	20-40	B2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T164	1	Acer pseudoplatanus (Sycamore)	13.0	40	1	4.92		5.03		4.77		5.04		2.5		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. Pined beneath power lines.	06/11/2024	72.4	4.8	20-40	B2
Hedge H165	1		1.7	7	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.2	0.8	10-20	C2
Hedge H166	1		1.7	7	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.2	0.8	10-20	C2
Hedge H167			1.7	7	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	06/11/2024	2.2	0.8	10-20	C2
Group G168	1 1	Crataegus monogyna (Common Hawthorn/Quick/May) Sambucus nigra (Elder)	3.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub.	06/11/2024	6.5	1.4	10-20	C2
Tree T169	1	Acer pseudoplatanus (Sycamore)	9.0	43 COM	2	4.13		4.3		4.3		4.3		1.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	06/11/2024	86.9	5.3	20-40	B2
Tree T170	1	Acer pseudoplatanus (Sycamore)	12.0	33 COM	2	3.0		3.0		3.0		3.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	06/11/2024	52.1	4.1	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T171		Acer pseudoplatanus (Sycamore)	12.0	48 COM	2	3.52		7.77		5.54		6.81		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	06/11/2024	104.6	5.8	20-40	**B2**
Group G172	1	Acer pseudoplatanus (Sycamore)	3.5	13 AVE	1	2.0		2.0		2.0		2.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub vegetation set back from new path constructed for housing estate. Vegetation located at lower level than path within slight basin. No topographical details.	06/11/2024	7.6	1.6	10-20	**C2**
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Fraxinus excelsior (Ash)																				
	1	Sambucus nigra (Elder)																				
Woodlan W173			13.0	25	1	3.0		3.0		3.0		3.0		1.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated and averaged for the group. Woodland planting on bank adjacent to bridge and main road.	06/11/2024	28.3	3.0	20-40	**B2**
Tree T174	1	Acer platanoides (Norway Maple)	7.0	19	1	2.5		2.5		2.5		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	16.3	2.3	20-40	**C1**
Tree T175	1	Fraxinus excelsior (Ash)	7.0	19	1	2.5		2.5		2.5		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	16.3	2.3	20-40	**C1**
Tree T176	1	Acer platanoides (Norway Maple)	7.0	19	1	2.5		2.5		2.5		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree. Location estimated, not plotted on topographical survey.	06/11/2024	16.3	2.3	20-40	**C1**

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T177	1	Acer platanoides (Norway Maple)	7.0	19	1	2.5		2.5		2.5		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	16.3	2.3	20-40	C1
Tree T178	1	Acer platanoides (Norway Maple)	7.0	19	1	2.5		2.5		2.5		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	16.3	2.3	20-40	C1
Tree T179	1	Acer platanoides (Norway Maple)	8.0	23	1	4.0		4.0		4.0		4.0		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	23.9	2.8	20-40	C1
Tree T180	1	Alnus cordata (Italian Alder)	8.0	14	1	2.5		2.5		1.57		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree.	06/11/2024	8.9	1.7	20-40	C1
Tree T181	1	Acer pseudoplatanus (Sycamore)	8.0	16	1	2.5		2.5		1.57		2.5		1.5		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Offsite tree. DBH estimated, average of stems. Location estimated, not plotted on topographical survey.	06/11/2024	11.6	1.9	20-40	C1
Group G182	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	18 AVE	1	2.5		2.5		2.5		2.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub located at top of bank adjacent to canal side woodland group.	06/11/2024	14.7	2.2	10-20	C2
	1	Cupressocyparis leylandii (Leyland Cypress)																				
	1	Fraxinus excelsior (Ash)																				
	1	Sambucus nigra (Elder)																				

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T183	1	Fraxinus excelsior (Ash)	12.0	45	1	6.00		8.0		8.0		6.99		4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	06/11/2024	91.6	5.4	10-20	C2
Tree T184	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	37	1	4.0		4.0		4.0		4.0		1.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	06/11/2024	61.9	4.4	10-20	C3
Tree T185	1	Acer pseudoplatanus (Sycamore)	14.0	45	1	4.50		4.65		4.0		4.0		4.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. Located outside boundary wall.	06/11/2024	91.6	5.4	10-20	C1
Tree T186	1	Acer pseudoplatanus (Sycamore)	12.0	35	1	2.24		3.0		3.0		3.0		4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. Located outside boundary wall.	06/11/2024	55.4	4.2	0-10	U
Tree T187	1	Fraxinus excelsior (Ash)	9.0	21	1	4.12		4.75		3.0		4.57		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility.	06/11/2024	20.0	2.5	10-20	C2
Tree T188	1	Acer platanoides (Norway Maple)	10.0	32	1	3.5		2.45		3.5		3.5		3.0		Early Mature	Structural condition Fair. Physiological condition Good.	06/11/2024	46.3	3.8	20-40	B2
Tree T189	1	Acer platanoides (Norway Maple)	10.0	32	1		3.5		3.5		2.15		3.5	3.0		Early Mature	Structural condition Fair. Physiological condition Good. Location estimated, not plotted on topographical survey.	06/11/2024	46.3	3.8	20-40	B2
Tree T190	1	Acer platanoides (Norway Maple)	10.0	24	1		2.5		2.5		2.5		2.5	3.0		Early Mature	Structural condition Fair. Physiological condition Good. Location estimated, not plotted on topographical survey. Dimensions estimated due to inaccessibility.	06/11/2024	26.1	2.9	20-40	B2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T191	1	Acer platanoides (Norway Maple)	10.0	24	1		2.5		2.5		2.5		2.5	3.0		Early Mature	Structural condition Fair. Physiological condition Good. Location estimated, not plotted on topographical survey. Dimensions estimated due to inaccessibility.	06/11/2024	26.1	2.9	20-40	**B2**
Tree T192	1	Acer platanoides (Norway Maple)	10.0	24	1		2.5		2.5		2.5		2.5	3.0		Early Mature	Structural condition Fair. Physiological condition Good. Location estimated, not plotted on topographical survey. Dimensions estimated due to inaccessibility.	06/11/2024	26.1	2.9	20-40	**B2**
Tree T193	1	Fraxinus excelsior (Ash)	14.0	60	1	7.0		7.0		7.0		7.0		2.0		Mature	Structural condition Fair. Physiological condition Fair. Lower value Category B tree due to potential life expectancy.	06/11/2024	162.9	7.2	20-40	**B2**
Tree T194	1	Aesculus x carnea (Red Horse Chestnut)	7.0	22	1	4.5		4.5		2.61		3.42		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Suppressed crown - Major. Unbalanced crown - Minor.	06/11/2024	21.9	2.6	10-20	**C2**
Tree T195	1	Fagus sylvatica (Common Beech)	12.0	45	1	5.0		5.0		5.0		5.0		5.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Ivy or climbing plant. Crown lifted, high canopy. Dimensions estimated due to inaccessibility. Offsite tree.	07/11/2024	91.6	5.4	20-40	**B2**
Tree T196	1	Fagus sylvatica (Common Beech)	13.0	70	1	7.0		7.0		7.0		7.0		2.0		Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Fork - Suspected structurally sound. Ivy or climbing plant. Stems - Co-dominant. Dimensions estimated due to inaccessibility. Crown lifted over road. Located behind low retaining wall.	07/11/2024	221.7	8.4	20-40	**B2**
Tree T197	1	Larix decidua (European Larch/Common Larch)	11.0	50	1	5.5		5.5		5.5		3.93		1.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	113.1	6.0	20-40	**B2**

Stem **green** Estimated value
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Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T198	1	Larix decidua (European Larch/Common Larch)	11.0	40	1	4.0		2.92		4.0		4.0		1.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Lower value Category B tree due to form a and potential life expectancy.	07/11/2024	72.4	4.8	20-40	B2
Tree T199	1	Acer pseudoplatanus (Sycamore)	13.0	65	1	5.0		5.0		5.0		7.07		5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Mid crown. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	191.1	7.8	0-10	C3
Tree T200	1	Sambucus nigra (Elder)	5.0	21	1	1.0		1.0		1.0		1.0		5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Mid crown. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	20.0	2.5	0-10	U
Group G201			5.0	12	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated and averaged for the group. Scrub location estimated, not plotted on topographical survey.	07/11/2024	6.5	1.4	0-10	U
Tree T202	1	Acer pseudoplatanus (Sycamore)	13.0	65	1	3.67		5.0		3.64		7.07		5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Die-back - Mid crown. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	191.1	7.8	0-10	U

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G203	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	20 AVE	1	2.5		2.5		2.5		2.5		0.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Scrub.	11/11/2024	18.1	2.4	0-10	C3
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T204	1	Fraxinus excelsior (Ash)	14.0	60	1	8.0		8.0		8.0		8.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to species and likely life expectancy. Located above level of footpath at top of bank.	07/11/2024	162.9	7.2	10-20	C1
Tree T205	1	Fraxinus excelsior (Ash)	12.0	40	1	5.0		5.0		3.95		5.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to species and likely life expectancy. Located above level of footpath at top of bank.	07/11/2024	72.4	4.8	10-20	C1
Tree T206	1	Fraxinus excelsior (Ash)	12.0	40	1	5.0		5.0		4.73		3.98		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to species and likely life expectancy. Located above level of footpath at top of bank.	07/11/2024	72.4	4.8	10-20	C1

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G207	1	Alnus glutinosa (Common Alder)	7.0	21 AVE	1	2.5		2.5		2.5		2.5		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Linear group of trees located at the base of the bank adjacent to the canal, below the level of the footpath.	07/11/2024	20.0	2.5	10-20	C2
	1	Fraxinus excelsior (Ash)																				
Group G208	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	20 AVE	1	1.5		1.5		1.5		1.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub. Growing at base of the bank.	07/11/2024	18.1	2.4	10-20	C2
	1	Fraxinus excelsior (Ash)																				
Group G209	1	Fraxinus excelsior (Ash)	7.0	20	1	1.5		1.5		1.5		1.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub. Growing at base of the bank.	07/11/2024	18.1	2.4	10-20	C2
Tree T210	1	Fraxinus excelsior (Ash)	12.0	29	1	3.5		3.5		3.5		3.5		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair.	07/11/2024	38.0	3.5	10-20	C1
Shrub S211	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	24 COM	2	1.5		1.5		1.5		1.5		2.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Located above level of footpath at top of bank.	07/11/2024	26.1	2.9	0-10	C3
Shrub S212	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	24 COM	2	1.5		1.5		1.5		2.42		2.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Located above level of footpath at top of bank.	07/11/2024	26.1	2.9	0-10	C3

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G213		Alnus glutinosa (Common Alder)	7.0	20 AVE	1	1.5		1.5		1.5		1.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub. Growing at base of the bank.	07/11/2024	18.1	2.4	10-20	C2
	1	Fraxinus excelsior (Ash)																				
Tree T214	1	Fraxinus excelsior (Ash)	12.0	24	1	4.76		6.0		3.99		2.09		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	26.1	2.9	10-20	C1
Tree T215	1	Fraxinus excelsior (Ash)	12.0	32 COM	3	4.76		2.26		4.76		6.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	49.0	3.9	10-20	C1
Tree T216	1	Alnus glutinosa (Common Alder)	9.0	10	1	1.5		1.5		1.5		1.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	4.5	1.2	10-20	C2
Tree T217	1	Fraxinus excelsior (Ash)	9.0	17 COM	3	2.5		2.5		2.5		2.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	13.6	2.1	10-20	C2
Tree T218	1	Fraxinus excelsior (Ash)	9.0	20 COM	4	2.5		2.5		2.5		2.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	18.1	2.4	10-20	C2
Tree T219	1	Fraxinus excelsior (Ash)	9.0	15 COM	3	1.5		1.5		1.5		1.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	11.0	1.9	10-20	C2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G220	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	20 AVE	1	2.5		2.5		2.5		2.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	11/11/2024	18.1	2.4	10-20	C2
	1	Fraxinus excelsior (Ash)																				
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T221	1	Alnus cordata (Italian Alder)	11.0	18	1		2.0		2.0		2.0		0.54	3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	14.7	2.2	10-20	C2
Tree T222	1	Alnus cordata (Italian Alder)	11.0	18	1		0.85		2.0		2.0		2.0	3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	14.7	2.2	10-20	C2
Tree T223	1	Alnus cordata (Italian Alder)	11.0	18	1	2.0		2.0		0.69		2.0		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	14.7	2.2	10-20	C2
Tree T224	1	Alnus cordata (Italian Alder)	11.0	18	1	2.0		2.0		2.0		1.24		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	14.7	2.2	10-20	C2
Group G225	1	Alnus glutinosa (Common Alder)	3.0	6	1	1.0		1.0		1.0		1.0		0.0		Young	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Small group of saplings.	07/11/2024	1.6	0.7	20-40	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T226	1	Fraxinus excelsior (Ash)	7.0	15 COM	2	2.5		2.5		2.5		2.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	10.9	1.9	10-20	C2
Group G227	1	Acer pseudoplatanus (Sycamore)	8.0	12 AVE	1	2.0		2.0		2.0		2.0		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Trees growing at base of the bank.	07/11/2024	6.5	1.4	20-40	C2
	1	Alnus glutinosa (Common Alder)																				
	1	Fraxinus excelsior (Ash)																				
Group G228	1	Crataegus monogyna (Common Hawthorn/Quick/May)	4.0	17 AVE	1	2.0		2.0		2.0		2.0		0.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	07/11/2024	13.1	2.0	0-10	C3
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T229	1	Fraxinus excelsior (Ash)	7.0	23	1	3.0		1.76		3.0		3.0		1.5		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Regrown. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	23.9	2.8	0-10	C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G230	1	Crataegus monogyna (Common Hawthorn/Quick/May)	3.0	17 AVE	1	2.0		2.0		2.0		2.0		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	07/11/2024	13.1	2.0	0-10	U
	1	Hedera helix (Common Ivy)																				
Tree T231	1	Alnus glutinosa (Common Alder)	8.0	29	1	0.92		3.0		3.0		1.93		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	38.0	3.5	0-10	C3
Tree T232	1	Alnus glutinosa (Common Alder)	9.0	22	1	2.12		3.0		3.0		3.0		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	21.9	2.6	0-10	C3
Group G233	1	Crataegus monogyna (Common Hawthorn/Quick/May)	3.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	07/11/2024	6.5	1.4	0-10	C3
	1	Hedera helix (Common Ivy)																				
Tree T234	1	Alnus glutinosa (Common Alder)	9.0	30 COM	2	4.0		4.89		4.0		4.0		4.0		Early Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	42.4	3.7	20-40	B2
Tree T235	1	Fraxinus excelsior (Ash)	9.0	17	1	1.5		1.5		1.5		1.5		5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	13.1	2.0	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T236	1	Fraxinus excelsior (Ash)	9.0	24 COM	2	5.43		3.0		0.98		4.18		5.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	26.1	2.9	10-20	C2
Tree T237	1	Alnus glutinosa (Common Alder)	12.0	23	1	2.5		2.5		2.5		2.5		7.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	23.9	2.8	10-20	C2
Tree T238	1	Fraxinus excelsior (Ash)	12.0	23	1	2.70		3.21		3.88		1.29		5.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	23.9	2.8	10-20	C2
Tree T239	1	Fraxinus excelsior (Ash)	14.0	27	1	3.71		2.34		1.78		3.76		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank. Higher value Category C tree, has growth potential.	07/11/2024	33.0	3.2	10-20	C2
Tree T240	1	Fraxinus excelsior (Ash)	13.0	29	1	3.0		3.0		3.0		3.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	38.0	3.5	10-20	C1
Tree T241	1	Quercus robur (English Oak)	8.0	26	1	3.49		3.97		3.0		3.89		3.0		Semi Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Higher value Category C tree, has growth potential. Located above level of footpath at top of bank.	07/11/2024	30.6	3.1	20-40	C1
Tree T242	1	Fraxinus excelsior (Ash)	8.0	26	1	3.49		2.95		2.00		1.89		3.0		Semi Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	07/11/2024	30.6	3.1	20-40	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T243	1	Sorbus aria (Whitebeam)	11.0	45	1	4.0		5.27		5.06		5.34		1.0		Mature	Structural condition Fair. Physiological condition Good. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems. Higher value Category C tree, good example of species.	07/11/2024	91.6	5.4	10-20	C1
Group G244	1	Crataegus monogyna (Common Hawthorn/Quick/May)	3.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	07/11/2024	6.5	1.4	0-10	C3
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T245	1	Alnus cordata (Italian Alder)	8.0	10	1	2.0		1.34		2.0		2.0		1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	07/11/2024	4.5	1.2	10-20	C2
Tree T246	1	Fraxinus excelsior (Ash)	10.0	22	1		3.0		2.02		4.29		1.68	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	21.9	2.6	0-10	U
Tree T247	1	Fraxinus excelsior (Ash)	12.0	38 COM	3		3.0		3.07		4.29		3.25	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	65.7	4.6	0-10	C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T248	1	Fraxinus excelsior (Ash)	12.0	18	1		3.0		2.00		1.95		2.01	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	14.7	2.2	0-10	C3
Tree T249	1	Fraxinus excelsior (Ash)	12.0	18	1		2.00		0.88		2.01		2.80	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	14.7	2.2	0-10	U
Tree T250	1	Fraxinus excelsior (Ash)	12.0	36 COM	2	4.0		4.0		2.36		4.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	61.2	4.4	10-20	C1
Tree T251	1	Fraxinus excelsior (Ash)	7.0	22	1	1.5		1.5		1.5		1.5		9.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. DBH estimated due to inaccessibility.	07/11/2024	21.9	2.6	0-10	U
Tree T252	1	Fraxinus excelsior (Ash)	13.0	27	1	3.0		3.0		3.0		1.13		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	33.0	3.2	10-20	C2
Tree T253	1	Fraxinus excelsior (Ash)	13.0	21	1	3.0		1.54		1.02		1.13		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Major. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	20.0	2.5	0-10	U

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T254	1	Fraxinus excelsior (Ash)	13.0	29 COM	2	3.0		1.54		2.59		1.13		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Major. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	39.9	3.6	0-10	U
Tree T255	1	Fraxinus excelsior (Ash)	13.0	27	1	2.43		1.58		2.53		3.0		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	33.0	3.2	0-10	U
Tree T256	1	Fraxinus excelsior (Ash)	13.0	38 COM	2	3.0		3.0		3.0		2.87		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	66.0	4.6	10-20	C2
Tree T257	1	Alnus glutinosa (Common Alder)	13.0	27	1	3.0		3.0		3.0		1.28		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Lower value Category B tree, has growth potential.	07/11/2024	33.0	3.2	20-40	B2
Tree T258	1	Alnus glutinosa (Common Alder)	13.0	27	1	3.0		1.38		3.0		3.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Lower value Category B tree, has growth potential.	07/11/2024	33.0	3.2	20-40	B2
Tree T259	1	Fraxinus excelsior (Ash)	13.0	29	1	3.0		3.0		1.78		1.19		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	38.0	3.5	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T260	1	Fraxinus excelsior (Ash)	13.0	31	1		3.0		1.61		4.44		1.19	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	43.5	3.7	0-10	U
Tree T261	1	Acer pseudoplatanus (Sycamore)	14.0	29	1		3.00		1.97		3.73		3.24	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Higher value Category C tree, has growth potential.	07/11/2024	38.0	3.5	20-40	C1
Tree T262	1	Alnus glutinosa (Common Alder)	13.0	24	1	3.0		2.80		3.0		3.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Lower value Category B tree, has growth potential.	07/11/2024	26.1	2.9	20-40	B2
Tree T263	1	Fraxinus excelsior (Ash)	13.0	29	1	3.0		3.0		1.20		2.64		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	07/11/2024	38.0	3.5	10-20	C2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G264	1	Crataegus monogyna (Common Hawthorn/Quick/May)	3.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	07/11/2024	6.5	1.4	10-20	C2
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
	1	Sambucus nigra (Elder)																				
Tree T265	1	Acer pseudoplatanus (Sycamore)	13.0	38 COM	3		4.0		4.0		2.17		4.0	2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	65.7	4.6	10-20	C2
Tree T266	1	Acer pseudoplatanus (Sycamore)	13.0	22	1		4.0		2.80		0.86		2.01	2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	21.9	2.6	10-20	C2
Tree T267	1	Acer pseudoplatanus (Sycamore)	13.0	17	1	4.0		1.57		0.86		2.01		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	13.1	2.0	10-20	C2
Tree T268	1	Acer pseudoplatanus (Sycamore)	13.0	24	1	4.0		2.31		0.86		2.57		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	26.1	2.9	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T269	1	Fraxinus excelsior (Ash)	15.0	70	1	7.0		7.0		6.16		7.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to species and likely life expectancy. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	221.7	8.4	10-20	C1
Tree T270	1	Ilex aquifolium (Holly)	3.0	10	1	1.0		1.0		1.0		1.0		1.0		Semi Mature	Structural condition Poor. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	4.5	1.2	10-20	C2
Tree T271	1	Alnus glutinosa (Common Alder)	15.0	35 COM	2	4.0		4.0		4.0		4.0		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	56.5	4.2	20-40	B2
Tree T272	1	Fraxinus excelsior (Ash)	14.0	21	1	0.85		2.0		2.0		2.0		10.0		Semi Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	20.0	2.5	0-10	U
Tree T273	1	Acer pseudoplatanus (Sycamore)	9.0	23	1	2.81		2.85		1.71		2.11		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	23.9	2.8	10-20	C2
Shrub S274	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	21	1	1.10		2.85		1.71		2.11		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	20.0	2.5	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T275	1	Fraxinus excelsior (Ash)	9.0	23	1	2.81		1.78		1.18		1.21		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	23.9	2.8	10-20	C2
Tree T276	1	Fraxinus excelsior (Ash)	9.0	23	1	2.81		1.78		1.18		1.21		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	23.9	2.8	10-20	C2
Tree T277	1	Fraxinus excelsior (Ash)	9.0	23	1	3.46		2.66		2.13		1.21		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	23.9	2.8	10-20	C2
Tree T278	1	Fraxinus excelsior (Ash)	9.0	23	1	3.46		2.66		2.13		1.21		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	23.9	2.8	10-20	C2
Tree T279	1	Fraxinus excelsior (Ash)	9.0	28	1		4.00		3.95		2.13		1.21	2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	35.5	3.4	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T280	1	Fraxinus excelsior (Ash)	17.0	60	1	5.52		5.63		4.0		5.66		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. Higher value Category C tree, reduced due to species and likely life expectancy.	07/11/2024	162.9	7.2	10-20	C1
Tree T281	1	Fraxinus excelsior (Ash)	17.0	60	1		5.52		2.95		4.68		5.66	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Major. Decay / structural defect - Open cavity / cavities. Decay / structural defect - Bole. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	162.9	7.2	0-10	U
Tree T282	1	Acer pseudoplatanus (Sycamore)	17.0	70	1	7.0		5.40		7.0		6.86		5.0		Mature	Structural condition Fair. Physiological condition Good. Decay / structural defect - Base. Decay / structural defect - Open cavity / cavities. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	221.7	8.4	20-40	B2
Tree T283	1	Fraxinus excelsior (Ash)	14.0	33 COM	2	2.93		5.0		5.0		5.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Felled high stump, regrown. Higher value Category C tree, reduced due to form and likely life expectancy.	07/11/2024	52.1	4.1	10-20	C1
Tree T284	1	Fraxinus excelsior (Ash)	14.0	41 COM	3	5.0		5.0		3.76		5.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Felled high stump, regrown. Higher value Category C tree, reduced due to form and likely life expectancy.	07/11/2024	78.2	5.0	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T285	1	Fraxinus excelsior (Ash)	11.0	55	1		3.0		1.26		4.59		3.0	4.0		Post Mature	Structural condition Poor. Physiological condition Poor. Decay / structural defect - Base. Decay / structural defect - Extensive. Decay / structural defect - Open cavity / cavities. Decay / structural defect - Bole. Fungal fruiting body - structural decay suspected. Dimensions estimated due to inaccessibility.	07/11/2024	136.8	6.6	0-10	U
Tree T286	1	Fraxinus excelsior (Ash)	11.0	45	1		3.0		1.26		4.59		3.0	4.0		Post Mature	Structural condition Poor. Physiological condition Poor. Decay / structural defect - Base. Decay / structural defect - Open cavity / cavities. Decay / structural defect - Bole. Dimensions estimated due to inaccessibility.	07/11/2024	91.6	5.4	0-10	U
Tree T287	1	Alnus glutinosa (Common Alder)	9.0	33 COM	5		2.27		3.0		3.0		3.0	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility.	07/11/2024	50.9	4.0	20-40	B2
Tree T288	1	Fraxinus excelsior (Ash)	12.0	45	1		4.22		1.26		2.04		3.0	5.0		Post Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Base. Decay / structural defect - Extensive. Decay / structural defect - Open cavity / cavities. Decay / structural defect - Bole. Fungal fruiting body - structural decay suspected. Dimensions estimated due to inaccessibility. DBH estimated, average of stems.	07/11/2024	91.6	5.4	0-10	U
Tree T289	1	Fraxinus excelsior (Ash)	9.0	31	1	3.0		4.18		3.0		1.02		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	43.5	3.7	10-20	C2
Tree T290	1	Fraxinus excelsior (Ash)	9.0	31	1		2.47		1.20		2.12		2.74	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	43.5	3.7	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T291	1	Fraxinus excelsior (Ash)	12.0	24	1		4.0		1.51		2.26		4.0	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Suppressed crown - Major.	07/11/2024	26.1	2.9	0-10	U
Tree T292	1	Fraxinus excelsior (Ash)	12.0	34	1	4.0		1.51		2.26		1.54		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Suppressed crown - Major.	07/11/2024	52.3	4.1	0-10	U
Tree T293	1	Fraxinus excelsior (Ash)	14.0	38	1	4.0		3.69		4.67		1.54		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Suppressed crown - Major.	07/11/2024	65.3	4.6	0-10	U
Group G294	1 1	Acer pseudoplatanus (Sycamore) Fraxinus excelsior (Ash)	8.0	22 AVE	1	2.0		2.0		2.0		2.0		1.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense group of sycamore and ash.	07/11/2024	21.9	2.6	10-20	C2
Tree T295	1	Acer pseudoplatanus (Sycamore)	8.0	18 COM	2		2.12		3.0		3.0		3.0	2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	15.3	2.2	20-40	C2
Tree T296	1	Fraxinus excelsior (Ash)	10.0	33 COM	2	4.0		4.0		2.05		2.13		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	52.1	4.1	0-10	U
Tree T297	1	Acer pseudoplatanus (Sycamore)	11.0	34	1		3.48		2.25		4.0		4.0	2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	52.3	4.1	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T298	1	Fraxinus excelsior (Ash)	13.0	36 COM	3		2.43		4.0		4.0		2.86	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	07/11/2024	59.9	4.4	10-20	C2
Shrub S299	1	Crataegus monogyna (Common Hawthorn/Quick/May)	8.0	29	1	2.0		2.0		2.0		2.0		0.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	11/11/2024	38.0	3.5	0-10	U
Tree T300	1	Fraxinus excelsior (Ash)	7.0	21	1	3.0		1.66		1.31		1.82		2.5		Semi Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	20.0	2.5	0-10	C3
Group G301	1	Crataegus monogyna (Common Hawthorn/Quick/May)	3.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	11/11/2024	6.5	1.4	10-20	C2
	1	Fraxinus excelsior (Ash)																				
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T302	1	Fraxinus excelsior (Ash)	11.0	26 COM	5		1.11		3.0		3.0		3.0	3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. DBH estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	32.6	3.2	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T303	1	Fraxinus excelsior (Ash)	13.0	55	1		4.0		2.20		4.76		5.15	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	136.8	6.6	10-20	C1
Tree T304	1	Acer pseudoplatanus (Sycamore)	15.0	60	1		6.0		3.77		6.0		6.0	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Decay / structural defect - Bole. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	162.9	7.2	10-20	C1
Tree T305	1	Fraxinus excelsior (Ash)	16.0	55	1	5.50		5.38		5.83		3.01		4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	136.8	6.6	0-10	U
Tree T306	1	Acer pseudoplatanus (Sycamore)	13.0	45	1		4.43		5.12		2.23		4.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Minor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	91.6	5.4	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G307	1	Crataegus monogyna (Common Hawthorn/Quick/May)	2.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	11/11/2024	6.5	1.4	10-20	C3
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T308	1	Fraxinus excelsior (Ash)	17.0	55	1	5.0		5.0		2.61		3.66		4.0		Mature	Structural condition Poor. Physiological condition Poor. Fire damaged. Extensive. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	136.8	6.6	0-10	U
Group G309			16.0	40	1	4.0		4.0		4.0		4.0		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Group of fire damaged trees. Conifers shown on topographical survey have been removed. Appears to have been a fire along the property boundary.	07/11/2024	72.4	4.8	0-10	U
Tree T310	1	Crataegus monogyna (Common Hawthorn/Quick/May)	9.0	24	1	1.16		3.0		3.0		1.25		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Fire damaged.	07/11/2024	26.1	2.9	0-10	U
Tree T311	1	Larix decidua (European Larch/Common Larch)	14.0	32	1	2.0		2.0		2.0		2.0		8.0		Early Mature	Structural condition Poor. Physiological condition Poor. Deadwood - Major. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	46.3	3.8	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S312	1	Sambucus nigra (Elder)	8.0	18	1	2.0		2.0		2.0		2.0		6.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	14.7	2.2	10-20	C2
Tree T313	1	Crataegus monogyna (Common Hawthorn/Quick/May)	10.0	22	1		1.20		2.42		3.83		2.0	4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Die-back - Lower crown. Deadwood - Minor. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	11/11/2024	21.9	2.6	10-20	C3
Tree T314	1	Fraxinus excelsior (Ash)	12.0	45	1	3.43		7.89		5.12		6.28		2.0		Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. .	11/11/2024	91.6	5.4	10-20	C2
Tree T315	1	Fraxinus excelsior (Ash)	11.0	38	1	5.53		3.99		1.68		2.84		3.0		Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	65.3	4.6	0-10	U
Tree T316	1	Fraxinus excelsior (Ash)	13.0	50	1		3.57		2.44		5.09		4.50	3.0		Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	113.1	6.0	0-10	U
Tree T317	1	Larix decidua (European Larch/Common Larch)	14.0	55	1		5.0		5.0		3.18		5.0	5.0		Mature	Structural condition Poor. Physiological condition Poor. Crown lifted over path. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	136.8	6.6	10-20	C3
Shrub S318	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	34	1		1.67		3.0		5.49		3.0	3.0		Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	52.3	4.1	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T319		Larix decidua (European Larch/Common Larch)	5.0	34	1		3.0		3.0		1.01		2.24	2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	52.3	4.1	10-20	C2
Tree T320	1	Larix decidua (European Larch/Common Larch)	9.0	40	1		4.0		4.0		2.78		5.67	4.0		Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	72.4	4.8	10-20	C2
Tree T321	1	Larix decidua (European Larch/Common Larch)	13.0	35	1		4.0		4.0		2.12		4.0	5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	55.4	4.2	20-40	B2
Tree T322	1	Acer pseudoplatanus (Sycamore)	14.0	40	1	4.0		4.0		4.71		5.25		4.0		Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	72.4	4.8	20-40	B2
Tree T323	1	Acer pseudoplatanus (Sycamore)	12.0	31	1	3.0		3.0		1.59		3.0		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Higher value Category C tree, has growth potential. Located above level of footpath at top of bank.	07/11/2024	43.5	3.7	20-40	C1
Shrub S324	1	Crataegus monogyna (Common Hawthorn/Quick/May)	8.0	29	1	1.45		1.20		1.29		3.49		4.0		Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	38.0	3.5	0-10	C3
Tree T325	1	Fraxinus excelsior (Ash)	14.0	39 COM	2	4.0		4.0		2.62		4.87		4.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Higher value Category C tree, reduced due to species and likely life expectancy. Located above level of footpath at top of bank.	07/11/2024	70.9	4.8	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G326	1	Acer pseudoplatanus (Sycamore)	11.0	21 AVE	1	2.5		2.5		2.5		2.5		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated and averaged for the group. Trees growing at base of the bank.	07/11/2024	20.0	2.5	20-40	C1
	1	Alnus glutinosa (Common Alder)																				
	1	Fraxinus excelsior (Ash)																				
Group G327	1	Crataegus monogyna (Common Hawthorn/Quick/May)	2.5	11 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub.	07/11/2024	5.5	1.3	10-20	C3
	1	Hedera helix (Common Ivy)																				
	1	Sambucus nigra (Elder)																				
Tree T328	1	Quercus robur (English Oak)	9.0	34	1	3.0		3.74		3.81		4.01		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	52.3	4.1	20-40	B2
Tree T329	1	Acer pseudoplatanus (Sycamore)	12.0	38 COM	3		4.0		3.56		4.0		2.62	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Located above level of footpath within of bank. DBH estimated, average of stems.	07/11/2024	65.7	4.6	20-40	B2
Group G330	1	Acer pseudoplatanus (Sycamore)	5.0	9	1	1.5		1.5		1.5		1.5		1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Regrown. Dimensions estimated and averaged for the group. Dense ivy clad scrub. Located above retaking wall.	07/11/2024	3.7	1.1	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S331	1	Crataegus monogyna (Common Hawthorn/Quick/May)	12.0	24 COM	3		2.53		2.03		4.0		1.73	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Competition - Adjacent vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Major. Located above level of footpath within of bank. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	07/11/2024	26.6	2.9	20-40	B2
Tree T332	1	Acer pseudoplatanus (Sycamore)	12.0	38 COM	3		4.0		3.56		5.47		4.02	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Major. Located above level of footpath within of bank. DBH estimated, average of stems.	07/11/2024	65.7	4.6	20-40	B2
Tree T333	1	Acer pseudoplatanus (Sycamore)	12.0	38 COM	3		4.0		5.66		3.99		5.47	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Major. Located above level of footpath at the top of bank. DBH estimated, average of stems.	07/11/2024	65.7	4.6	20-40	B2
Tree T334	1	Fraxinus excelsior (Ash)	3.0	11	1	1.5		2.33		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	07/11/2024	5.5	1.3	10-20	C2
Hedge H335	1 1	Hedera helix (Common Ivy) Rubus fruticosus s. (Blackberry/Bramble)	2.0	7 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	07/11/2024	2.2	0.8	10-20	C2
Tree T336	1	Acer pseudoplatanus (Sycamore)	8.0	21	1	2.5		2.5		2.5		2.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Good. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	07/11/2024	20.0	2.5	20-40	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T337	1	Acer pseudoplatanus (Sycamore)	14.0	42	1	5.0		5.0		5.29		4.07		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath within bank.	07/11/2024	79.8	5.0	20-40	B2
Shrub S338	1	Sambucus nigra (Elder)	12.0	26	1		3.72		1.43		0.88		2.0	3.0		Late Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	30.6	3.1	0-10	U
Tree T339	1	Acer pseudoplatanus (Sycamore)	12.0	38	1	5.0		2.76		5.0		3.58		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	65.3	4.6	20-40	C1
Tree T340	1	Fraxinus excelsior (Ash)	12.0	38	1		5.0		4.94		3.30		3.58	3.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	65.3	4.6	0-10	U
Tree T341	1	Fraxinus excelsior (Ash)	12.0	41	1	5.0		3.22		4.83		3.87		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	76.0	4.9	10-20	C2
Tree T342	1	Acer pseudoplatanus (Sycamore)	12.0	32	1	4.05		3.22		4.83		2.14		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. DBH estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	46.3	3.8	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T343	1	Fraxinus excelsior (Ash)	12.0	36	1	3.48		3.22		4.83		5.73		3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath at top of bank. DBH estimated, average of stems.	07/11/2024	58.6	4.3	10-20	C2
Tree T344	1	Alnus glutinosa (Common Alder)	9.0	23	1	2.0		2.0		2.0		2.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Good. DBH estimated due to inaccessibility. Higher value Category C tree, has growth potential. Located below level of footpath within bank.	07/11/2024	23.9	2.8	20-40	C1
Tree T345	1	Acer pseudoplatanus (Sycamore)	15.0	75	1	5.39		5.0		5.91		6.03		3.5		Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Form - Spreading crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath within bank.	07/11/2024	254.5	9.0	20-40	B2
Tree T346	1	Fraxinus excelsior (Ash)	12.0	45	1		3.94		3.71		3.0		3.71	2.5		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Deadwood - Major. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	07/11/2024	91.6	5.4	0-10	U
Tree T347	1	Acer pseudoplatanus (Sycamore)	13.0	42	1	5.0		3.18		4.79		3.79		3.0		Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within of bank. Location estimated, not plotted on topographical survey. DBH estimated, average of stems.	11/11/2024	79.8	5.0	20-40	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T348	1	Acer pseudoplatanus (Sycamore)	12.0	37	1	5.0		5.0		5.0		5.0		3.0		Mature	Structural condition Fair. Physiological condition Fair. Die-back - Upper crown. Deadwood - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath within of bank. Higher value Category C tree, reduced due to form and likely life expectancy.	07/11/2024	61.9	4.4	10-20	C1
Tree T349	1	Acer pseudoplatanus (Sycamore)	12.0	34	1	5.0		3.94		4.23		3.20		3.0		Mature	Structural condition Fair. Physiological condition Fair. Die-back - Upper crown. Deadwood - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath within of bank.	07/11/2024	52.3	4.1	10-20	C1
Tree T350	1	Acer pseudoplatanus (Sycamore)	12.0	39 COM	2	5.0		3.89		5.0		5.0		3.0		Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Die-back - Upper crown. Deadwood - Minor. Dimensions estimated due to inaccessibility. Located above level of footpath within of bank. Higher value Category C tree, reduced due to form and likely life expectancy.	07/11/2024	70.9	4.8	10-20	C1
Tree T351	1	Alnus glutinosa (Common Alder)	8.0	13	1	2.0		2.0		2.0		2.0		1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Located below level of footpath within bank.	08/11/2024	7.6	1.6	10-20	C2
Tree T352	1	Acer pseudoplatanus (Sycamore)	6.0	20 COM	3		2.0		0.91		2.0		2.0	1.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	19.5	2.5	10-20	C2

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G353	1	Acer pseudoplatanus (Sycamore)	5.0	20 AVE	1	2.5		2.5		2.5		2.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub with emergent trees. All significant trees recorded as individuals. Located above level of path within bank.	11/11/2024	18.1	2.4	10-20	C2
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Fraxinus excelsior (Ash)																				
Tree T354	1	Acer pseudoplatanus (Sycamore)	9.0	34	1	3.0		3.0		4.86		3.0		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	52.3	4.1	0-10	C3
Tree T355	1	Fraxinus excelsior (Ash)	9.0	26	1	1.74		3.0		1.60		1.53		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	30.6	3.1	0-10	C3
Tree T356	1	Acer pseudoplatanus (Sycamore)	9.0	31	1	2.89		3.0		2.24		1.53		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	43.5	3.7	0-10	C3
Tree T357	1	Fraxinus excelsior (Ash)	9.0	31	1	3.57		2.20		3.26		1.53		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	43.5	3.7	0-10	C3

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T358	1	Acer pseudoplatanus (Sycamore)	12.0	38	1	4.66		3.92		5.43		3.53		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	65.3	4.6	10-20	C1
Tree T359	1	Acer pseudoplatanus (Sycamore)	12.0	38	1	4.66		3.92		4.35		4.86		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	65.3	4.6	0-10	C3
Tree T360	1	Fraxinus excelsior (Ash)	12.0	28	1	2.0		2.44		2.0		1.17		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	35.5	3.4	10-20	C2
Tree T361	1	Fraxinus excelsior (Ash)	12.0	31	1	2.75		1.25		3.08		2.59		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	43.5	3.7	0-10	C3
Tree T362	1	Fraxinus excelsior (Ash)	12.0	40	1	5.35		3.06		5.91		4.54		4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	72.4	4.8	0-10	U

Stem **green** Estimated value
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Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T363	1	Acer pseudoplatanus (Sycamore)	12.0	40	1	3.98		4.51		4.10		3.82		3.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	72.4	4.8	10-20	C1
Tree T364	1	Fraxinus excelsior (Ash)	12.0	30	1	1.92		2.09		1.15		1.75		6.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	40.7	3.6	10-20	C1
Tree T365	1	Fraxinus excelsior (Ash)	12.0	40	1	2.68		1.19		2.64		3.82		3.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	72.4	4.8	0-10	U
Tree T366	1	Alnus glutinosa (Common Alder)	9.0	27	1	3.0		3.0		3.0		3.0		2.5		Early Mature	Structural condition Fair. Physiological condition Good. DBH estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey. Higher value Category C tree, has growth potential.	08/11/2024	33.0	3.2	20-40	C1
Tree T367	1	Fraxinus excelsior (Ash)	12.0	21	1	2.09		1.23		1.75		1.92		6.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	20.0	2.5	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T368		Fraxinus excelsior (Ash)	12.0	21	1	1.75		1.92		2.09		1.22		6.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	08/11/2024	20.0	2.5	10-20	C2
Tree T369	1	Acer pseudoplatanus (Sycamore)	12.0	42 COM	2	4.63		3.50		3.87		4.84		6.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	81.4	5.1	10-20	C1
Tree T370	1	Acer pseudoplatanus (Sycamore)	12.0	25 COM	2		2.78		1.22		2.58		3.17	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	29.3	3.1	10-20	C1
Tree T371	1	Acer pseudoplatanus (Sycamore)	12.0	24	1		2.58		2.01		2.78		1.00	3.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	26.1	2.9	0-10	U
Tree T372	1	Acer pseudoplatanus (Sycamore)	12.0	18	1		1.82		0.46		2.43		2.01	3.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	14.7	2.2	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T373	1	Acer pseudoplatanus (Sycamore)	12.0	18	1		1.82		0.46		2.43		2.01	3.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	08/11/2024	14.7	2.2	0-10	U
Shrub S374	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	18	1	1.82		1.42		0.96		1.43		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	08/11/2024	14.7	2.2	10-20	C2
Shrub S375	1	Fraxinus excelsior (Ash)	9.0	21	1	2.5		2.5		2.5		2.5		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	08/11/2024	20.0	2.5	10-20	C2
Group G376	1 1 1	Crataegus monogyna (Common Hawthorn/Quick/May) Hedera helix (Common Ivy) Rubus fruticosus s. (Blackberry/Bramble)	3.0	9 AVE	1	2.5		2.5		2.5		2.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub with emergent trees. All significant trees recorded as individuals. Located above level of path within bank.	11/11/2024	3.7	1.1	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T377	1	Fraxinus excelsior (Ash)	14.0	40	1		2.5		2.5		2.5		2.5	5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	08/11/2024	72.4	4.8	0-10	U
Tree T378	1	Fraxinus excelsior (Ash)	14.0	45	1	3.36		3.97		5.18		4.14		5.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Growing on top of wall, roots exposed.	08/11/2024	91.6	5.4	10-20	C3
Tree T379	1	Acer pseudoplatanus (Sycamore)	12.0	30	1	2.0		1.16		2.0		1.18		4.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Growing on top of wall, roots exposed.	08/11/2024	40.7	3.6	10-20	C3
Tree T380	1	Acer pseudoplatanus (Sycamore)	12.0	30	1		2.76		1.16		2.65		2.30	4.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Growing on top of wall, roots exposed.	08/11/2024	40.7	3.6	10-20	C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T381	1	Fraxinus excelsior (Ash)	12.0	27	1		2.76		1.16		1.63		2.30	4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Growing on top of wall, roots exposed.	08/11/2024	33.0	3.2	0-10	U
Tree T382	1	Fraxinus excelsior (Ash)	12.0	32 COM	2		3.22		2.67		3.00		3.55	5.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank. Growing on top of wall, roots exposed.	08/11/2024	47.9	3.9	10-20	C2
Group G383	1	Laurocerasus officinalis (Cherry Laurel)	8.0	20	1	2.5		2.5		2.5		2.5		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Offsite laurel group.	08/11/2024	18.1	2.4	10-20	C2
Tree T384	1	Acer pseudoplatanus (Sycamore)	9.0	29	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Managed within hedgerow.	08/11/2024	38.0	3.5	10-20	C2
Tree T385	1	Alnus glutinosa (Common Alder)	11.0	29	1	5.17		4.0		4.0		4.0		3.0		Early Mature	Structural condition Fair. Physiological condition Good. DBH estimated due to inaccessibility. Lower value Category B tree, has growth potential.	08/11/2024	38.0	3.5	20-40	B2
Tree T386	1	Betula pendula (Silver Birch)	12.0	27	1	3.0		3.0		4.11		3.0		2.5		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Higher value Category C tree, has growth potential.	08/11/2024	33.0	3.2	20-40	C1

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T387	1	Populus tremula (Aspen)	16.0	60	1		5.52		5.92		6.35		4.0	2.5		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Competition - Adjacent vegetation. Ivy or climbing plant. Suppressed crown - Minor. Unbalanced crown - Minor. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Landscape feature.	08/11/2024	162.9	7.2	20-40	B2
Tree T388	1	Populus tremula (Aspen)	16.0	60	1	6.31		2.97		6.35		6.33		2.5		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent trees. Competition - Adjacent vegetation. Ivy or climbing plant. Suppressed crown - Minor. Unbalanced crown - Minor. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Landscape feature.	08/11/2024	162.9	7.2	20-40	B2
Tree T389	1	Salix caprea (Goat Willow/Great Sallow)	5.0	29	1	1.62		2.37		2.46		2.30		0.0		Early Mature	Structural condition Poor. Physiological condition Fair. Felled high stump, regrown. Dimensions estimated due to inaccessibility. Located below level of footpath within bank.	08/11/2024	38.0	3.5	10-20	C2
Tree T390	1	Acer pseudoplatanus (Sycamore)	7.0	26	1	3.0		3.0		3.0		3.0		1.5		Semi Mature	Structural condition Fair. Physiological condition Good. DBH estimated, average of stems. Located above level of footpath at top of bank. Location estimated, not plotted on topographical survey.	08/11/2024	30.6	3.1	20-40	C1
Hedge H391	1	Crataegus monogyna (Common Hawthorn/Quick/May)	3.0	9	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	08/11/2024	3.7	1.1	10-20	C2
Tree T392	1	Fraxinus excelsior (Ash)	3.0	7	1	1.0		1.0		1.0		1.0		1.0		Young	Structural condition Fair. Physiological condition Fair. Location estimated, not plotted on topographical survey.	08/11/2024	2.2	0.8	10-20	C2
Tree T393	1	Fraxinus excelsior (Ash)	3.0	7	1	1.0		1.0		1.0		1.0		1.0		Young	Structural condition Fair. Physiological condition Fair. Location estimated, not plotted on topographical survey.	08/11/2024	2.2	0.8	10-20	C2

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Group G394	1	Crataegus monogyna (Common Hawthorn/Quick/May)	2.0	6 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub.	08/11/2024	1.6	0.7	10-20	C2
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
Tree T395	1	Fraxinus excelsior (Ash)	12.0	32 COM	2	4.0		4.0		2.09		4.0		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Die-back - Mid crown. Deadwood - Major. DBH estimated due to inaccessibility. Located above level of footpath within of bank.	08/11/2024	47.9	3.9	0-10	U
Tree T396	1	Fraxinus excelsior (Ash)	12.0	23	1	1.01		2.25		2.09		0.48		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Regrown. Die-back - Mid crown. Deadwood - Major. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath within of bank. DBH estimated, average of stems.	08/11/2024	23.9	2.8	0-10	U
Tree T397	1	Fraxinus excelsior (Ash)	14.0	40	1	3.69		1.48		4.18		3.55		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Regrown. Die-back - Mid crown. Deadwood - Major. DBH estimated due to inaccessibility. Located above level of footpath within of bank. DBH estimated, average of stems.	08/11/2024	72.4	4.8	10-20	C2
Tree T398	1	Fraxinus excelsior (Ash)	14.0	50	1	4.84		2.72		4.81		4.76		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Regrown. Die-back - Mid crown. Deadwood - Major. DBH estimated due to inaccessibility. Located above level of footpath within of bank. DBH estimated, average of stems.	08/11/2024	113.1	6.0	0-10	C3

Stem **green** Estimated value
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T399	1	Fraxinus excelsior (Ash)	12.0	32	1	3.0		4.03		4.03		4.35		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Regrown. Die-back - Mid crown. Deadwood - Major. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath within of bank. DBH estimated, average of stems. Location estimated, not plotted on topographical survey.	08/11/2024	46.3	3.8	0-10	C3
Tree T400	1	Fraxinus excelsior (Ash)	9.0	26	1	1.41		2.76		3.11		2.86		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Regrown. Die-back - Mid crown. Deadwood - Major. Ivy or climbing plant. DBH estimated due to inaccessibility. Located above level of footpath within of bank. DBH estimated, average of stems. Location estimated, not plotted on topographical survey.	08/11/2024	30.6	3.1	0-10	U
Tree T401	1	Fraxinus excelsior (Ash)	6.0	21	1	2.5		2.5		2.5		2.5		1.5		Semi Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Located below level of footpath within bank. Location estimated, not plotted on topographical survey.	08/11/2024	20.0	2.5	0-10	C3
Hedge H402	1 1 1	Crataegus monogyna (Common Hawthorn/Quick/May) Hedera helix (Common Ivy) Rubus fruticosus s. (Blackberry/Bramble)	4.0	8 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	08/11/2024	2.9	1.0	10-20	C2

Stem **green** Estimated value
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T403	1	Tilia cordata (Small Leaved Lime)	14.0	65	1	6.0		6.0		6.0		6.0		2.5		Mature	Structural condition Fair. Physiological condition Good. DBH estimated due to inaccessibility. Located on the edge of the existing cycle path. Natural break between T403 and T404 to create link between paths.	08/11/2024	191.1	7.8	20-40	B1
Tree T404	1	Tilia cordata (Small Leaved Lime)	17.0	80	1	8.0		8.0		8.0		8.0		4.0		Mature	Structural condition Fair. Physiological condition Good. Coppice stool - Coppice origin / Mature stems. DBH estimated due to inaccessibility. Located on the edge of the existing cycle path. Natural break between trees to create link between paths. Location estimated, not plotted on topographical survey. DBH estimated, average of stems.	08/11/2024	289.5	9.6	20-40	B1
Tree T405	1	Fraxinus excelsior (Ash)	8.0	32	1	3.0		3.0		3.0		1.24		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	46.3	3.8	10-20	C3
Tree T406	1	Fraxinus excelsior (Ash)	8.0	32	1	3.0		1.80		3.0		3.0		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	46.3	3.8	10-20	C3
Tree T407	1	Fraxinus excelsior (Ash)	8.0	32	1	3.0		1.80		3.0		3.0		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems. Location estimated, not plotted on topographical survey.	08/11/2024	46.3	3.8	10-20	C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T408	1	Fraxinus excelsior (Ash)	8.0	32	1	3.0		1.80		3.0		3.0		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	46.3	3.8	10-20	C3
Tree T409	1	Fraxinus excelsior (Ash)	8.0	32	1	3.0		1.80		3.0		3.0		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	46.3	3.8	0-10	U
Tree T410	1	Fraxinus excelsior (Ash)	8.0	32	1	3.0		3.0		3.0		3.0		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	46.3	3.8	10-20	C3
Tree T411	1	Fraxinus excelsior (Ash)	8.0	38	1	5.0		5.0		5.0		5.0		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	65.3	4.6	10-20	C2
Tree T412	1	Fraxinus excelsior (Ash)	8.0	39 COM	2	3.0		1.80		3.0		3.0		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	11/11/2024	70.9	4.8	10-20	C2
Tree T413	1	Fraxinus excelsior (Ash)	8.0	38	1	4.0		4.0		4.0		4.0		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	65.3	4.6	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S414	1	Crataegus monogyna (Common Hawthorn/Quick/May)	4.0	14	1	1.5		1.5		1.5		1.5		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	8.9	1.7	10-20	C3
Tree T415	1	Fraxinus excelsior (Ash)	8.0	25 COM	2	1.92		2.5		1.89		2.5		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	29.3	3.1	10-20	C2
Shrub S416	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	24	1	1.60		3.0		1.97		3.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	26.1	2.9	10-20	C2
Tree T417	1	Fraxinus excelsior (Ash)	8.0	29 COM	2	2.64		4.0		2.95		1.24		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	39.9	3.6	10-20	C2
Tree T418	1	Fraxinus excelsior (Ash)	8.0	29 COM	2	2.95		1.42		2.64		4.0		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	39.9	3.6	10-20	C2
Tree T419	1	Fraxinus excelsior (Ash)	8.0	19 COM	2	2.5		2.5		2.5		2.5		3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Located above level of footpath within bank. DBH estimated, average of stems.	08/11/2024	17.7	2.4	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Hedge H420	1	Crataegus monogyna (Common Hawthorn/Quick/May)	1.5	8 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	08/11/2024	2.9	1.0	10-20	C2
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
Tree T421	1	Fraxinus excelsior (Ash)	14.0	75	1	7.0		7.0		5.58		7.0		4.0		Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Prominent landscape feature.	08/11/2024	254.5	9.0	20-40	B2
Shrub S422	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	24	1	3.0		3.0		3.0		3.0		2.5		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	08/11/2024	26.1	2.9	0-10	C3
Shrub S423	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	24	1	3.0		3.0		3.0		3.0		2.5		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	08/11/2024	26.1	2.9	0-10	C3
Tree T424	1	Fraxinus excelsior (Ash)	14.0	70	1	5.0		6.80		5.0		6.34		4.0		Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Prominent landscape feature.	08/11/2024	221.7	8.4	20-40	B2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T425	1	Fraxinus excelsior (Ash)	12.0	45	1		6.80		3.94		2.06		6.20	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Prominent landscape feature.	08/11/2024	91.6	5.4	10-20	C1
Tree T426	1	Fraxinus excelsior (Ash)	12.0	45	1		2.90		4.20		5.41		5.59	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Prominent landscape feature.	08/11/2024	91.6	5.4	10-20	C1
Tree T427	1	Fraxinus excelsior (Ash)	12.0	31	1		6.20		4.20		2.22		5.59	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Prominent landscape feature. Location estimated, not plotted on topographical survey.	08/11/2024	43.5	3.7	10-20	C1
Tree T428	1	Fraxinus excelsior (Ash)	12.0	31	1		2.61		3.27		4.88		4.20	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Prominent landscape feature. Location estimated, not plotted on topographical survey.	08/11/2024	43.5	3.7	10-20	C1
Tree T429	1	Fraxinus excelsior (Ash)	6.0	24	1	2.5		2.5		2.5		2.5		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	08/11/2024	26.1	2.9	0-10	C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T430	1	Fraxinus excelsior (Ash)	11.0	45	1		5.0		3.90		5.0		5.0	3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. DBH estimated, average of stems.	08/11/2024	91.6	5.4	0-10	C3
Tree T431	1	Fraxinus excelsior (Ash)	6.0	24	1		2.5		2.5		2.5		2.5	3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey. DBH estimated, average of stems.	08/11/2024	26.1	2.9	0-10	C3
Hedge H432	1 1	Crataegus monogyna (Common Hawthorn/Quick/May) Rubus fruticosus s. (Blackberry/Bramble)	2.0	7 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal gapped hedgerow. Rural scrub species.	08/11/2024	2.2	0.8	10-20	C2
Tree T433	1	Fraxinus excelsior (Ash)	14.0	70	1		6.0		7.20		6.0		6.0	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	221.7	8.4	20-40	B2
Tree T434	1	Alnus glutinosa (Common Alder)	10.0	45	1		3.56		2.77		4.11		6.0	4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Extensive. Decay / structural defect - Bole. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	91.6	5.4	0-10	C3

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T435	1	Fraxinus excelsior (Ash)	13.0	43 COM	2		6.0		5.63		6.0		3.16	5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Bole. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	86.9	5.3	0-10	C2/C3
Tree T436	1	Fraxinus excelsior (Ash)	11.0	31	1		3.92		3.87		1.10		3.56	5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Bole. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. Location estimated, not plotted on topographical survey.	08/11/2024	43.5	3.7	0-10	C2/C3
Tree T437	1	Fraxinus excelsior (Ash)	9.0	50	1		4.01		2.98		2.0		2.57	4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Historic stem failures. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	113.1	6.0	0-10	C3
Tree T438	1	Fraxinus excelsior (Ash)	9.0	50	1		6.97		4.83		3.60		2.57	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Base. Decay / structural defect - Extensive. Ivy or climbing plant. Historic stem failures. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	113.1	6.0	0-10	U
Tree T439	1	Acer pseudoplatanus (Sycamore)	7.0	28	1	2.0		2.0		2.0		2.0		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	35.5	3.4	0-10	C3

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T440	1	Acer pseudoplatanus (Sycamore)	7.0	28	1	2.0		2.0		2.0		2.0		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	35.5	3.4	0-10	C3
Tree T441	1	Fraxinus excelsior (Ash)	11.0	70	1		4.90		4.83		3.60		3.52	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Base. Decay / structural defect - Extensive. Ivy or climbing plant. Historic stem failures. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	221.7	8.4	0-10	C3
Tree T442	1	Fraxinus excelsior (Ash)	11.0	31	1		3.07		3.75		1.77		3.52	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	43.5	3.7	10-20	C2
Tree T443	1	Acer pseudoplatanus (Sycamore)	11.0	31	1		3.07		3.75		2.98		3.52	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	43.5	3.7	10-20	C2
Tree T444	1	Acer pseudoplatanus (Sycamore)	12.0	38	1		3.07		3.75		4.29		3.52	5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	65.3	4.6	10-20	C2
Tree T445	1	Tilia cordata (Small Leaved Lime)	9.0	32	1		3.07		2.65		0.76		2.58	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	46.3	3.8	0-10	C3

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T446	1	Quercus robur (English Oak)	11.0	70	1		3.07		2.65		2.98		2.58	5.0		Post Mature	Structural condition Poor. Physiological condition Dead. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. Dead tree, monolith.	08/11/2024	221.7	8.4	0-10	U
Tree T447	1	Acer pseudoplatanus (Sycamore)	12.0	45	1		3.07		5.90		5.66		3.52	5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	91.6	5.4	10-20	C2
Tree T448	1	Fraxinus excelsior (Ash)	9.0	32	1		1.22		2.58		4.98		2.65	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	46.3	3.8	0-10	C3
Tree T449	1	Fraxinus excelsior (Ash)	9.0	32	1		3.20		2.65		1.95		2.58	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	46.3	3.8	0-10	C3
Tree T450	1	Acer pseudoplatanus (Sycamore)	9.0	32	1		1.99		2.65		3.48		2.58	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	46.3	3.8	0-10	C3
Tree T451	1	Quercus robur (English Oak)	13.0	65	1		6.93		7.55		6.19		7.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	20-40	B2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T452	1	Fagus sylvatica (Common Beech)	9.0	32	1		1.99		2.13		4.62		4.48	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	46.3	3.8	0-10	C3
Tree T453	1	Fagus sylvatica (Common Beech)	12.0	38	1		4.91		2.13		4.62		4.48	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. DBH estimated, average of stems.	08/11/2024	65.3	4.6	0-10	C3
Tree T454	1	Fagus sylvatica (Common Beech)	12.0	32	1		3.78		4.24		1.62		4.48	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Minor. Dimensions estimated due to inaccessibility. Tree rooting within path.	08/11/2024	46.3	3.8	0-10	C3
Tree T455	1	Quercus robur (English Oak)	13.0	65	1		6.93		7.55		6.19		7.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	20-40	B2
Tree T456	1	Acer pseudoplatanus (Sycamore)	11.0	50	1		6.93		4.99		6.19		7.04	4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	113.1	6.0	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T457	1	Fraxinus excelsior (Ash)	11.0	41 COM	2		4.14		5.99		4.91		7.04	5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Base. Decay / structural defect - Bole. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	76.1	4.9	10-20	C1
Tree T458	1	Quercus robur (English Oak)	13.0	65	1		6.93		7.55		6.19		7.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	20-40	B2
Tree T459	1	Quercus robur (English Oak)	13.0	65	1		6.93		7.55		6.19		7.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	20-40	B2
Tree T460	1	Quercus robur (English Oak)	13.0	65	1		6.93		9.35		6.08		7.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	20-40	B2
Tree T461	1	Quercus robur (English Oak)	13.0	65	1		3.99		9.35		9.44		7.04	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	20-40	B2
Tree T462	1	Fagus sylvatica (Common Beech)	13.0	32	1		4.18		4.82		3.0		3.0	5.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Minor. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	11/11/2024	46.3	3.8	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T463	1	Fagus sylvatica (Common Beech)	9.0	70	1		3.99		4.51		6.37		5.00	4.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Regrown. Decay / structural defect - Extensive. Decay / structural defect - Open cavity / cavities. Decay / structural defect - Bole. Ivy or climbing plant. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	221.7	8.4	10-20	B3
Tree T464	1	Fraxinus excelsior (Ash)	7.0	42 COM	4		3.0		1.57		3.0		3.0	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	79.8	5.0	10-20	C3
Hedge H465	1 1 1	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Common Hawthorn/Quick/May) Fraxinus excelsior (Ash)	3.0	12 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub with emergent trees. All significant trees recorded as individuals. Located on opposite side of drainage ditch.	08/11/2024	6.5	1.4	10-20	C2
Tree T466	1	Fraxinus excelsior (Ash)	6.0	22	1	2.0		2.0		2.0		2.0		4.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Rooting within path.	08/11/2024	21.9	2.6	0-10	C3
Tree T467	1	Fagus sylvatica (Common Beech)	8.0	49 COM	2		2.72		2.49		1.12		1.19	6.0		Post Mature	Structural condition Poor. Physiological condition Dead. Dead tree. Tree located on opposite side of the drainage ditch.	08/11/2024	110.8	5.9	0-10	U

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T468	1	Fraxinus excelsior (Ash)	9.0	65	1		3.0		1.72		3.0		2.31	6.0		Post Mature	Structural condition Poor. Physiological condition Dead. Dead tree. Tree located on opposite side of the drainage ditch.	08/11/2024	191.1	7.8	0-10	U
Tree T469	1	Fraxinus excelsior (Ash)	8.0	21	1	1.5		1.5		1.5		1.5		6.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	20.0	2.5	0-10	U
Tree T470	1	Fraxinus excelsior (Ash)	8.0	21	1	2.0		2.0		2.0		2.0		6.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	20.0	2.5	0-10	U
Tree T471	1	Quercus robur (English Oak)	9.0	50	1		4.18		5.53		4.27		3.0	4.0		Late Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Decline - Evident / observed. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	113.1	6.0	0-10	C3
Tree T472	1	Fagus sylvatica (Common Beech)	8.0	50	1		4.27		1.85		2.86		5.53	4.0		Late Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Decline - Evident / observed. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	113.1	6.0	0-10	C3
Tree T473	1	Fraxinus excelsior (Ash)	8.0	29 COM	2		2.73		2.0		1.26		2.0	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	39.9	3.6	0-10	U
Tree T474	1	Fraxinus excelsior (Ash)	8.0	29 COM	2		2.73		2.0		1.26		2.0	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	39.9	3.6	0-10	U
Tree T475	1	Fraxinus excelsior (Ash)	8.0	38 COM	5		2.73		2.83		2.41		2.0	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	65.4	4.6	0-10	U

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T476	1	Fraxinus excelsior (Ash)	8.0	24 COM	2		1.5		1.5		1.5		1.5	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	26.1	2.9	0-10	U
Tree T477	1	Fraxinus excelsior (Ash)	8.0	19	1		1.5		1.5		1.5		1.5	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Decline - Evident / observed. Decay / structural defect - Bole.	08/11/2024	16.3	2.3	0-10	U
Tree T478	1	Quercus robur (English Oak)	12.0	50	1		4.0		4.97		4.0		4.0	5.0		Mature	Structural condition Fair. Physiological condition Poor. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	113.1	6.0	10-20	B3
Tree T479	1	Quercus robur (English Oak)	10.0	40	1		2.55		5.82		4.0		4.0	5.0		Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	72.4	4.8	0-10	U
Tree T480	1	Quercus robur (English Oak)	12.0	45	1		2.55		4.57		2.54		4.0	5.0		Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Deadwood - Major. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. DBH estimated, average of stems.	08/11/2024	91.6	5.4	0-10	U
Tree T481	1	Quercus robur (English Oak)	12.0	45	1		2.55		4.57		2.54		4.0	5.0		Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Deadwood - Major. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. DBH estimated, average of stems.	08/11/2024	91.6	5.4	0-10	U
Tree T482	1	Quercus robur (English Oak)	12.0	45	1		2.55		1.89		2.54		4.0	5.0		Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Deadwood - Major. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. DBH estimated, average of stems.	08/11/2024	91.6	5.4	0-10	U

Stem **green** Estimated value
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T483	1	Quercus robur (English Oak)	12.0	55	1		2.84		4.72		5.58		5.48	5.0		Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Deadwood - Major. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. DBH estimated, average of stems.	08/11/2024	136.8	6.6	0-10	U
Tree T484	1	Fraxinus excelsior (Ash)	9.0	24	1	3.0		3.0		1.68		3.0		5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Suspected. Decay / structural defect - Bole. Suppressed crown - Major.	08/11/2024	26.1	2.9	0-10	U
Tree T485	1	Fraxinus excelsior (Ash)	9.0	24	1	1.94		3.0		3.0		3.0		5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Suspected. Decay / structural defect - Bole. Suppressed crown - Major.	08/11/2024	26.1	2.9	0-10	U
Tree T486	1	Fraxinus excelsior (Ash)	11.0	41 COM	2		3.86		4.17		3.63		1.94	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Suspected. Decay / structural defect - Bole. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	08/11/2024	76.1	4.9	0-10	U
Tree T487	1	Acer pseudoplatanus (Sycamore)	9.0	38 COM	2		3.0		3.0		3.0		2.42	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Suspected. Decay / structural defect - Bole. Suppressed crown - Major.	11/11/2024	66.3	4.6	10-20	C3
Tree T488	1	Acer pseudoplatanus (Sycamore)	5.0	29	1		1.5		1.5		1.5		1.5	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Decline - Suspected. Decay / structural defect - Bole. Suppressed crown - Major. Pollard topped at 2m.	08/11/2024	38.0	3.5	0-10	U
Tree T489	1	Fraxinus excelsior (Ash)	13.0	48 COM	3		5.29		5.43		4.0		4.0	5.0		Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Tree growing within bank on opposite side of drainage channel.	09/11/2024	106.4	5.8	0-10	C3

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T490	1	Fraxinus excelsior (Ash)	13.0	42 COM	2		5.29		3.53		5.08		6.44	5.0		Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Tree growing within bank on opposite side of drainage channel.	09/11/2024	81.4	5.1	0-10	C3
Tree T491	1	Fraxinus excelsior (Ash)	9.0	33 COM	2		5.29		3.53		5.08		2.59	5.0		Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Decay / structural defect - Extensive. Decay / structural defect - Bole. Dimensions estimated due to inaccessibility. Tree growing within bank on opposite side of drainage channel.	09/11/2024	49.6	4.0	0-10	U
Tree T492	1	Quercus robur (English Oak)	12.0	80	1		7.98		8.69		7.0		4.87	5.0		Late Mature	Structural condition Fair. Physiological condition Fair. Form - Spreading crown. Pollard - Regrown. DBH estimated due to inaccessibility. Rooting within path. Prominent landscape feature.	09/11/2024	289.5	9.6	20-40	B3
Tree T493	1	Fraxinus excelsior (Ash)	9.0	30	1		3.39		3.53		1.61		2.59	5.0		Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Decay / structural defect - Bole. Dimensions estimated due to inaccessibility. Tree growing within bank on opposite side of drainage channel.	09/11/2024	40.7	3.6	0-10	U
Tree T494	1	Fraxinus excelsior (Ash)	9.0	30	1		0.91		3.53		3.49		2.59	5.0		Mature	Structural condition Poor. Physiological condition Poor. Die-back - Throughout crown. Decay / structural defect - Bole. Dimensions estimated due to inaccessibility. Tree growing within bank on opposite side of drainage channel.	09/11/2024	40.7	3.6	0-10	U

Stem **green** Estimated value
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Tree T495	1	Fraxinus excelsior (Ash)	11.0	30	1		5.15		1.75		1.08		2.59	5.0		Mature	Structural condition Poor. Physiological condition Fair. Die-back - Throughout crown. Decay / structural defect - Bole. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility. Tree growing within bank on opposite side of drainage channel.	09/11/2024	40.7	3.6	10-20	C3
Tree T496	1	Quercus robur (English Oak)	11.0	50	1		5.0		5.62		3.92		5.0	4.0		Mature	Structural condition Fair. Physiological condition Fair. Die-back - Mid crown. Rooting within path. Dimensions estimated due to inaccessibility.	09/11/2024	113.1	6.0	20-40	B3
Tree T497	1	Fraxinus excelsior (Ash)	10.0	25	1		2.84		1.96		2.0		2.98	7.0		Early Mature	Structural condition Poor. Physiological condition Poor. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	28.3	3.0	0-10	C3
Tree T498	1	Fraxinus excelsior (Ash)	2.0	24	1	1.5		1.5		1.5		1.5		0.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Felled high stump, regrown.	09/11/2024	26.1	2.9	0-10	U
Hedge H499	1 1 1 1	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Common Hawthorn/Quick/May) Fraxinus excelsior (Ash) Hedera helix (Common Ivy)	5.0	13 AVE	1	1.5		1.5		1.5		1.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Dense ivy clad scrub with emergent trees. All significant trees recorded as individuals. Located on opposite side of drainage ditch.	11/11/2024	7.6	1.6	10-20	C2

Stem **green** Estimated value
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S500	1	Crataegus monogyna (Common Hawthorn/Quick/May)	6.0	19	1	1.5		1.5		1.5		1.5		4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	16.3	2.3	10-20	C1
Tree T501	1	Fraxinus excelsior (Ash)	11.0	28	1		3.0		3.0		1.79		3.0	6.0		Semi Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Crown lifted, high canopy.	09/11/2024	35.5	3.4	0-10	C3
Tree T502	1	Fraxinus excelsior (Ash)	11.0	35 COM	2		4.04		3.0		3.0		3.80	6.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Bole. Ivy or climbing plant. Crown lifted, high canopy.	11/11/2024	56.5	4.2	0-10	U
Tree T503	1	Fraxinus excelsior (Ash)	11.0	28 COM	2		1.82		1.13		2.77		3.49	6.0		Semi Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Crown lifted, high canopy. Dimensions estimated due to inaccessibility.	09/11/2024	36.2	3.4	0-10	C3
Tree T504	1	Fraxinus excelsior (Ash)	9.0	19	1		0.50		1.5		1.5		1.5	8.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Bole. Ivy or climbing plant. Crown lifted, high canopy.	09/11/2024	16.3	2.3	0-10	U
Tree T505	1	Fraxinus excelsior (Ash)	10.0	29 COM	2		1.10		2.0		2.0		2.0	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Deadwood - Major. Ivy or climbing plant.	09/11/2024	39.9	3.6	0-10	U
Tree T506	1	Fraxinus excelsior (Ash)	10.0	28 COM	2		1.10		0.97		2.0		2.0	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Deadwood - Major. Ivy or climbing plant.	09/11/2024	37.1	3.4	0-10	U
Tree T507	1	Fraxinus excelsior (Ash)	9.0	22	1		0.54		0.97		2.0		0.88	6.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Deadwood - Major. Ivy or climbing plant.	09/11/2024	21.9	2.6	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T508	1	Acer pseudoplatanus (Sycamore)	12.0	38 COM	3		3.0		3.0		2.00		3.0	5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	65.7	4.6	10-20	C1
Tree T509	1	Fraxinus excelsior (Ash)	12.0	38 COM	3		1.75		3.0		3.36		3.0	5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	65.7	4.6	10-20	C1
Tree T510	1	Fraxinus excelsior (Ash)	9.0	25 COM	2		0.68		1.06		2.12		2.00	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	29.3	3.1	0-10	U
Tree T511	1	Fraxinus excelsior (Ash)	9.0	18	1		1.5		1.5		1.5		1.5	4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	14.7	2.2	10-20	C3
Tree T512	1	Fraxinus excelsior (Ash)	12.0	24 COM	3		2.0		1.10		1.02		2.0	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Die-back - Mid crown. Deadwood - Major. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	26.6	2.9	0-10	U

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T513	1	Fraxinus excelsior (Ash)	12.0	28 COM	4		0.87		1.10		2.24		2.0	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Die-back - Mid crown. Deadwood - Major. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	35.5	3.4	0-10	U
Tree T514	1	Fraxinus excelsior (Ash)	9.0	28 COM	4		1.35		1.92		1.14		2.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	35.5	3.4	10-20	C2
Tree T515	1	Cerasus avium (Wild Cherry)	9.0	19 COM	2		0.65		1.92		2.20		1.57	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	17.7	2.4	10-20	C2
Tree T516	1	Cerasus avium (Wild Cherry)	9.0	14	1		0.65		1.92		2.20		1.57	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	8.9	1.7	10-20	C2
Tree T517	1	Cerasus avium (Wild Cherry)	9.0	14	1		2.20		1.27		0.94		1.92	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	8.9	1.7	10-20	C2
Tree T518	1	Cerasus avium (Wild Cherry)	9.0	38 COM	3		2.85		2.72		2.87		1.57	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	65.7	4.6	10-20	C2

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T519	1	Fraxinus excelsior (Ash)	11.0	38 COM	2		4.0		2.72		4.0		2.21	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	66.0	4.6	0-10	C3
Tree T520	1	Fraxinus excelsior (Ash)	12.0	38	1		2.92		3.69		2.59		3.09	7.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decline - Evident / observed. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	65.3	4.6	0-10	U
Group G521	1	Fraxinus excelsior (Ash)	10.0	29 COM	2		1.5		3.0		1.5		3.0	5.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Coppiced Ash trees not accurately recorded as individuals on topographical survey. Rooting within path. DBH provided as average combined stem diameter.	09/11/2024	39.9	3.6	0-10	C3
Group G522	1	Fraxinus excelsior (Ash)	10.0	29 COM	2		1.5		3.0		1.5		3.0	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Rooting within path. DBH provided asvaverage combined stem diameter.	09/11/2024	39.9	3.6	0-10	U
Tree T523	1	Fraxinus excelsior (Ash)	9.0	40	1		4.0		2.32		4.0		4.0	4.0		Late Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Die-back - Throughout crown. Ivy or climbing plant. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	72.4	4.8	0-10	U
Hedge H524	1 1	Crataegus monogyna (Common Hawthorn/Quick/May) Hedera helix (Common Ivy)	2.0	9 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated and averaged for the group. Informal gapped hedgerow.	09/11/2024	3.7	1.1	0-10	C3

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S525	1	Crataegus monogyna (Common Hawthorn/Quick/May)	6.0	23	1	1.5		1.5		1.5		1.5		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	23.9	2.8	10-20	C2
Tree T526	1	Quercus robur (English Oak)	9.0	40	1		4.84		4.0		2.93		4.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	72.4	4.8	20-40	B3
Tree T527	1	Salix caprea (Goat Willow/Great Sallow)	9.0	24	1		1.92		2.56		1.95		2.10	4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	26.1	2.9	10-20	C1
Tree T528	1	Fraxinus excelsior (Ash)	9.0	24	1		1.92		1.75		0.93		2.10	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	26.1	2.9	0-10	U
Tree T529	1	Fraxinus excelsior (Ash)	9.0	24	1		1.21		2.10		2.87		1.75	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	26.1	2.9	0-10	U
Tree T530	1	Fraxinus excelsior (Ash)	9.0	19 COM	2		1.21		2.10		1.92		1.75	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	17.7	2.4	0-10	U
Tree T531	1	Fraxinus excelsior (Ash)	9.0	36 COM	3		1.77		2.90		3.28		2.55	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	59.9	4.4	0-10	U

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T532		Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	21	1		1.5		1.5		1.5		1.5	2.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	20.0	2.5	0-10	C3
Tree T533	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	21	1		1.5		1.5		1.5		1.5	2.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	20.0	2.5	0-10	C3
Tree T534	1	Fraxinus excelsior (Ash)	9.0	36 COM	3		3.0		1.85		3.89		3.0	2.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	59.9	4.4	0-10	C3
Tree T535	1	Fraxinus excelsior (Ash)	9.0	38 COM	4		3.0		2.27		3.14		3.0	2.0		Early Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	65.3	4.6	0-10	U
Tree T536	1	Fraxinus excelsior (Ash)	7.0	13 COM	3		1.5		1.5		1.5		1.5	2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Die-back - Throughout crown. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	8.7	1.7	10-20	C3
Tree T537	1	Fraxinus excelsior (Ash)	8.0	29 COM	3	2.5		2.5		2.5		2.5		5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	39.2	3.5	0-10	C3

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Shrub S538	1	Crataegus monogyna (Common Hawthorn/Quick/May)	6.0	24 COM	3	2.5		2.5		2.5		2.5		4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	26.6	2.9	0-10	C3
Tree T539	1	Fraxinus excelsior (Ash)	11.0	31 COM	3		3.99		3.72		2.5		3.63	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	44.0	3.7	0-10	C3
Tree T540	1	Fagus sylvatica (Common Beech)	12.0	38 COM	3		2.59		3.72		4.08		3.63	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	65.7	4.6	20-40	B2
Tree T541	1	Fagus sylvatica (Common Beech)	12.0	31 COM	2		3.18		3.72		1.66		3.63	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	43.8	3.7	20-40	B2
Tree T542	1	Fagus sylvatica (Common Beech)	12.0	37	1		3.18		3.72		3.67		3.63	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	61.9	4.4	20-40	B2
Tree T543	1	Fraxinus excelsior (Ash)	11.0	19	1		0.83		2.0		3.27		2.0	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	16.3	2.3	0-10	C3
Tree T544	1	Fraxinus excelsior (Ash)	9.0	23	1		3.0		1.46		1.22		3.0	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	23.9	2.8	0-10	U

Stem **green** Estimated value
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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T545	1	Fagus sylvatica (Common Beech)	12.0	38	1		3.18		3.72		3.67		3.63	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	65.3	4.6	20-40	B2
Tree T546	1	Fraxinus excelsior (Ash)	9.0	24	1		1.85		2.01		2.80		2.08	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	26.1	2.9	0-10	U
Tree T547	1	Fraxinus excelsior (Ash)	10.0	31	1		2.64		2.77		2.80		2.08	5.0		Early Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	43.5	3.7	0-10	U
Tree T548	1	Fraxinus excelsior (Ash)	8.0	22	1		1.85		0.97		0.96		1.44	5.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	21.9	2.6	0-10	U
Tree T549	1	Fraxinus excelsior (Ash)	9.0	22	1		1.5		1.5		1.5		1.5	3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	21.9	2.6	0-10	U
Tree T550	1	Fraxinus excelsior (Ash)	7.0	25 COM	3		1.5		1.58		2.63		2.61	3.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Major. Unbalanced crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	30.5	3.1	0-10	U
Shrub S551	1	Crataegus monogyna (Common Hawthorn/Quick/May)	5.0	27	1	2.0		2.0		2.0		2.0		3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	33.0	3.2	0-10	U
Tree T552	1	Fraxinus excelsior (Ash)	10.0	41	1		2.5		2.5		2.5		2.5	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Decline - Evident / observed. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	76.0	4.9	0-10	U

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Generated By MyTREES tree management software

240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T553	1	Fraxinus excelsior (Ash)	12.0	35	1		3.92		4.09		3.0		3.0	6.0		Early Mature	Structural condition Poor. Physiological condition Poor. Decline - Suspected. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	55.4	4.2	0-10	C3
Tree T554	1	Fraxinus excelsior (Ash)	12.0	35	1		3.05		4.09		3.92		4.09	6.0		Early Mature	Structural condition Poor. Physiological condition Poor. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility.	09/11/2024	55.4	4.2	0-10	C3
Tree T555	1	Fraxinus excelsior (Ash)	11.0	58 COM	6		4.89		4.87		5.86		4.0	5.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Form - Spreading crown. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	156.3	7.1	10-20	C1
Tree T556	1	Fraxinus excelsior (Ash)	8.0	42 COM	4		3.0		1.70		3.0		3.0	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Crown lifted over path. DBH estimated due to inaccessibility.	09/11/2024	79.8	5.0	10-20	C1
Tree T557	1	Fraxinus excelsior (Ash)	11.0	36	1		4.20		5.60		5.02		3.61	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	09/11/2024	58.6	4.3	10-20	C1
Tree T558	1	Fraxinus excelsior (Ash)	12.0	39	1		4.42		5.60		2.91		4.53	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	09/11/2024	68.8	4.7	10-20	C1
Tree T559	1	Fraxinus excelsior (Ash)	12.0	60	1		4.42		5.60		4.99		4.53	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	09/11/2024	162.9	7.2	10-20	C3

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T560	1	Fraxinus excelsior (Ash)	9.0	30	1		3.0		3.95		3.0		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C2
Tree T561	1	Cerasus avium (Wild Cherry)	9.0	30	1		3.0		3.95		1.81		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C2
Tree T562	1	Cupressocyparis leylandii (Leyland Cypress)	9.0	30	1		1.5		1.5		1.5		1.5	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C2
Tree T563	1	Fraxinus excelsior (Ash)	9.0	30	1		3.0		3.95		2.65		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C2
Tree T564	1	Cupressocyparis leylandii (Leyland Cypress)	11.0	30	1		3.0		3.95		2.65		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C2
Tree T565	1	Fraxinus excelsior (Ash)	11.0	30	1		1.58		3.95		3.58		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T566	1	Fraxinus excelsior (Ash)	11.0	36	1		3.33		4.85		4.36		3.0	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Competition - Adjacent trees. Competition - Adjacent vegetation. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	58.6	4.3	0-10	U
Tree T567	1	Fagus sylvatica (Common Beech)	14.0	75	1		8.69		8.20		8.51		7.0	4.0		Mature	Structural condition Good. Physiological condition Good. Base / stems obscured - Vegetation. Form - Good crown structure. Form - Spreading crown. Ivy or climbing plant. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	254.5	9.0	40+	A2
Tree T568	1	Fraxinus excelsior (Ash)	11.0	37	1		2.43		4.05		3.56		3.0	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	61.9	4.4	0-10	U
Tree T569	1	Acer pseudoplatanus (Sycamore)	11.0	34	1		2.43		2.99		3.56		3.0	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	52.3	4.1	0-10	U
Tree T570	1	Tilia cordata (Small Leaved Lime)	11.0	34	1		3.46		3.88		3.56		3.0	1.5		Early Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. Lower value Category B tree, has growth potential.	09/11/2024	52.3	4.1	20-40	B2
Tree T571	1	Fraxinus excelsior (Ash)	17.0	70	1		7.02		8.07		4.49		7.55	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. Lower value Category B tree due to potential life expectancy. Prominent landscape feature.	09/11/2024	221.7	8.4	10-20	B2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T572	1	Fagus sylvatica (Common Beech)	14.0	75	1		6.98		7.59		8.51		7.99	3.0		Mature	Structural condition Good. Physiological condition Good. Base / stems obscured - Vegetation. Form - Good crown structure. Form - Spreading crown. Ivy or climbing plant. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	254.5	9.0	40+	A2
Tree T573	1	Populus tremula (Aspen)	15.0	65	1		5.33		8.07		7.39		7.55	3.0		Mature	Structural condition Fair. Physiological condition Fair. Ivy or climbing plant. Suppressed crown - Minor. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. Prominent landscape feature.	09/11/2024	191.1	7.8	10-20	B2
Tree T574	1	Fraxinus excelsior (Ash)	9.0	30	1		3.0		3.0		1.27		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C1
Tree T575	1	Acer pseudoplatanus (Sycamore)	9.0	30	1		2.18		3.0		1.27		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C1
Tree T576	1	Fraxinus excelsior (Ash)	9.0	30	1		1.43		3.0		2.82		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C1
Tree T577	1	Acer pseudoplatanus (Sycamore)	10.0	30	1		3.23		3.90		2.82		3.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	40.7	3.6	10-20	C1
Tree T578	1	Quercus robur (English Oak)	10.0	32	1		4.0		4.0		2.87		4.0	4.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Suppressed crown - Minor. DBH estimated due to inaccessibility.	09/11/2024	46.3	3.8	20-40	B2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T579		Fagus sylvatica (Common Beech)	9.0	27	1		2.33		4.0		2.87		4.0	4.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Suppressed crown - Major. DBH estimated due to inaccessibility.	09/11/2024	33.0	3.2	10-20	C1
Tree T580	1	Acer pseudoplatanus (Sycamore)	10.0	32	1		3.23		4.0		2.87		4.0	4.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Suppressed crown - Minor. DBH estimated due to inaccessibility.	09/11/2024	46.3	3.8	10-20	C1
Tree T581	1	Tilia cordata (Small Leaved Lime)	13.0	60	1		5.0		5.55		5.0		5.64	4.0		Mature	Structural condition Good. Physiological condition Good. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Suppressed crown - Minor. DBH estimated due to inaccessibility.	09/11/2024	162.9	7.2	20-40	B1
Tree T582	1	Aesculus hippocastanum (Horse Chestnut)	14.0	35	1		2.79		5.20		4.0		5.26	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy.	09/11/2024	55.4	4.2	10-20	B2
Tree T583	1	Aesculus hippocastanum (Horse Chestnut)	14.0	42	1		3.62		5.73		5.40		5.26	3.0		Early Mature	Structural condition Fair. Physiological condition Poor. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	79.8	5.0	10-20	B2
Tree T584	1	Picea sitchensis (Sitka Spruce)	15.0	42	1		3.62		4.10		3.72		5.26	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	79.8	5.0	10-20	B2
Tree T585	1	Picea sitchensis (Sitka Spruce)	15.0	42	1		3.62		4.10		3.72		5.26	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	79.8	5.0	10-20	B2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T586	1	Picea sitchensis (Sitka Spruce)	15.0	42	1		3.62		4.10		3.72		5.26	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	79.8	5.0	10-20	B2
Tree T587	1	Populus nigra 'Italica' (Lomardy Poplar)	20.0	45	1		2.5		2.5		2.5		2.5	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	91.6	5.4	10-20	B2
Tree T588	1	Acer pseudoplatanus (Sycamore)	16.0	60	1		6.41		7.06		5.12		6.23	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	162.9	7.2	10-20	B2
Tree T589	1	Acer pseudoplatanus (Sycamore)	14.0	32	1		3.28		5.04		2.27		6.23	3.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Located behind retaining wall at lower level.	09/11/2024	46.3	3.8	10-20	C2
Tree T590	1	Populus tremula (Aspen)	22.0	60	1		6.41		8.33		3.05		4.66	4.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	162.9	7.2	10-20	B2
Tree T591	1	Populus tremula (Aspen)	22.0	60	1	4.66		2.96		9.28		5.73		4.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	162.9	7.2	10-20	B2
Tree T592	1	Populus tremula (Aspen)	22.0	60	1		2.96		7.69		5.73		4.66	4.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	162.9	7.2	10-20	B2

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T593	1	Populus tremula (Aspen)	22.0	60	1	4.66		2.96		10.1		5.73		4.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Lower value Category B tree due to potential life expectancy. Located behind retaining wall at lower level.	09/11/2024	162.9	7.2	10-20	**B2**
Tree T594	1	Quercus robur (English Oak)	8.0	65	1		8.35		7.36		8.07		6.45	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	191.1	7.8	20-40	**B3**
Tree T595	1	Fagus sylvatica (Common Beech)	7.0	27	1	2.5		2.5		2.5		2.5		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	33.0	3.2	20-40	**C1**
Tree T596	1	Fagus sylvatica (Common Beech)	7.0	38 COM	3	2.5		2.5		2.5		2.5		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	65.7	4.6	20-40	**C1**
Tree T597	1	Fagus sylvatica (Common Beech)	7.0	29	1	2.5		2.5		2.5		2.5		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	38.0	3.5	20-40	**C1**
Tree T598	1	Quercus robur (English Oak)	14.0	45	1	5.91		4.0		6.10		5.18		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	91.6	5.4	20-40	**B3**
Hedge H599	1	Prunus spinosa (Blackthorn/Sloe)	2.0	10	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal gapped hedgerow.	09/11/2024	4.5	1.2	10-20	**C2**
Tree T600	1	Quercus robur (English Oak)	7.0	14	1	2.0		2.0		2.0		2.0		3.0		Semi Mature	Structural condition Poor. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	8.9	1.7	10-20	**C2**

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T601	1	Fraxinus excelsior (Ash)	11.0	55	1	4.0		2.82		5.22		4.86		3.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	136.8	6.6	0-10	U
Tree T602	1	Fraxinus excelsior (Ash)	13.0	50 COM	2	4.0		4.0		4.74		5.03		4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant.	09/11/2024	117.3	6.1	10-20	C1
Tree T603	1	Fraxinus excelsior (Ash)	13.0	70	1	4.0		4.0		3.52		5.83		4.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant.	09/11/2024	221.7	8.4	0-10	U
Tree T604	1	Cerasus avium (Wild Cherry)	9.0	60	1	6.20		7.18		5.35		7.20		4.0		Mature	Structural condition Poor. Physiological condition Fair. Base / stems obscured - Vegetation. Decay / structural defect - Base. Decay / structural defect - Extensive. Decay / structural defect - Bole. Ivy or climbing plant.	09/11/2024	162.9	7.2	10-20	C3
Tree T605	1	Fraxinus excelsior (Ash)	13.0	45	1	5.0		5.0		5.0		5.0		5.0		Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	09/11/2024	91.6	5.4	0-10	U
Group G606	1 1 1	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Common Hawthorn/Quick/May) Fagus sylvatica (Common Beech) Fraxinus excelsior (Ash)	9.0	32 AVE	1	3.0		3.0		3.0		3.0		0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Offsite trees growing on opposite side of deep drainage ditch.	09/11/2024	46.3	3.8	20-40	B2

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T607	1	Fraxinus excelsior (Ash)	12.0	48 COM	3	4.0		4.0		4.0		5.58		5.0		Late Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	106.4	5.8	0-10	U
Tree T608	1	Fraxinus excelsior (Ash)	12.0	45 COM	2	4.0		5.67		4.0		5.58		5.0		Late Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	92.6	5.4	10-20	C2
Tree T609	1	Fraxinus excelsior (Ash)	7.0	22	1	2.0		0.94		2.0		2.0		2.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Location estimated, not plotted on topographical survey.	09/11/2024	21.9	2.6	10-20	C2
Tree T610	1	Fraxinus excelsior (Ash)	12.0	48 COM	3	4.0		5.67		4.0		3.15		5.0		Late Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	106.4	5.8	0-10	U
Tree T611	1	Fraxinus excelsior (Ash)	12.0	28	1	4.0		3.26		4.0		3.15		5.0		Late Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	35.5	3.4	0-10	U
Tree T612	1	Fraxinus excelsior (Ash)	12.0	31	1		3.26		4.0		6.17		4.0	5.0		Late Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	43.5	3.7	10-20	C2
Tree T613	1	Fraxinus excelsior (Ash)	7.0	46 COM	5	4.0		2.86		4.0		4.0		3.0		Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. Tree located below bank within basin.	09/11/2024	99.8	5.6	10-20	C3
Tree T614	1	Fraxinus excelsior (Ash)	7.0	31	1	3.79		3.90		2.5		2.5		4.0		Early Mature	Structural condition Poor. Physiological condition Poor. DBH estimated due to inaccessibility. Tree located below bank within basin.	09/11/2024	43.5	3.7	0-10	U

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T615		Fraxinus excelsior (Ash)	13.0	45 COM	2	6.26		5.95		6.02		6.97		4.0		Mature	Structural condition Fair. Physiological condition Poor. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	92.6	5.4	10-20	C1
Tree T616	1	Crataegus monogyna (Common Hawthorn/Quick/May)	7.0	27	1	2.0		2.0		2.0		2.0		4.0		Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch. Location estimated, not plotted on topographical survey.	09/11/2024	33.0	3.2	0-10	U
Tree T617	1	Acer pseudoplatanus (Sycamore)	11.0	42	1	4.0		4.0		4.0		4.0		3.0		Early Mature	Structural condition Fair. Physiological condition Good. DBH estimated due to inaccessibility. Tree located below bank within basin. Location estimated, not plotted on topographical survey.	09/11/2024	79.8	5.0	20-40	B2
Tree T618	1	Fraxinus excelsior (Ash)	8.0	24	1		2.0		2.0		1.05		2.0	4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	09/11/2024	26.1	2.9	10-20	C2
Tree T619	1	Acer pseudoplatanus (Sycamore)	8.0	29 COM	2		2.0		3.08		3.32		2.96	4.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	09/11/2024	39.9	3.6	10-20	C1
Tree T620	1	Fraxinus excelsior (Ash)	9.0	51 COM	5		4.0		4.0		4.47		4.57	4.0		Early Mature	Structural condition Poor. Physiological condition Poor. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	119.7	6.2	0-10	U
Tree T621	1	Fraxinus excelsior (Ash)	8.0	22	1		3.0		3.0		1.56		3.0	3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility.	09/11/2024	21.9	2.6	10-20	C1
Tree T622	1	Acer pseudoplatanus (Sycamore)	12.0	38	1	4.0		2.75		4.83		4.0		4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Pollard - Regrown. DBH estimated, average of stems.	09/11/2024	65.3	4.6	20-40	B2

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T623	1	Fraxinus excelsior (Ash)	14.0	39	1		5.0		6.06		6.80		5.0	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	68.8	4.7	10-20	C1
Tree T624	1	Fraxinus excelsior (Ash)	9.0	42 COM	4		1.65		4.60		4.96		4.37	3.0		Early Mature	Structural condition Poor. Physiological condition Poor. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Major. DBH estimated due to inaccessibility.	09/11/2024	79.8	5.0	0-10	C3
Tree T625	1	Fraxinus excelsior (Ash)	14.0	65	1	7.0		7.0		7.0		7.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	191.1	7.8	10-20	C1
Tree T626	1	Fagus sylvatica (Common Beech)	14.0	50	1	6.0		7.94		8.04		6.0		3.0		Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	09/11/2024	113.1	6.0	20-40	B2
Tree T627	1	Acer pseudoplatanus (Sycamore)	12.0	47 COM	2		4.0		5.47		5.70		5.82	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. Ivy or climbing plant. Dimensions estimated due to inaccessibility. Lower value Category B tree due to form and potential life expectancy.	09/11/2024	103.0	5.7	20-40	B2
Tree T628	1	Salix caprea (Goat Willow/Great Sallow)	8.0	39	1		6.0		6.0		6.0		2.13	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	68.8	4.7	10-20	C1
Tree T629	1	Salix caprea (Goat Willow/Great Sallow)	8.0	39	1		6.0		2.76		6.0		6.0	3.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Coppice stool - Coppice origin / Mature stems. DBH estimated, average of stems. Dimensions estimated due to inaccessibility.	09/11/2024	68.8	4.7	10-20	C1

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T630	1	Alnus glutinosa (Common Alder)	9.0	48 COM	4	6.0		6.0		6.0		6.0		4.0		Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility. DBH estimated, average of stems.	09/11/2024	104.2	5.8	20-40	B2
Tree T631	1	Acer pseudoplatanus (Sycamore)	8.0	26	1	3.0		3.0		3.0		3.0		3.0		Semi Mature	Structural condition Fair. Physiological condition Fair. DBH estimated due to inaccessibility.	09/11/2024	30.6	3.1	20-40	C1
Hedge H632			3.0	9	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	09/11/2024	3.7	1.1	10-20	C2
Hedge H633	1 1 1	Laurocerasus officinalis (Cherry Laurel) Prunus spinosa (Blackthorn/Sloe) Salix caprea (Goat Willow/Great Sallow)	2.0	9 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	09/11/2024	3.7	1.1	10-20	C2
Tree T634	1	Quercus robur (English Oak)	9.0	45	1	4.75		6.0		4.01		6.0		4.0		Early Mature	Structural condition Fair. Physiological condition Good. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	91.6	5.4	20-40	B2
Tree T635	1	Fraxinus excelsior (Ash)	12.0	31	1		3.0		3.0		3.0		2.05	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Ivy or climbing plant. Dimensions estimated due to inaccessibility.	09/11/2024	43.5	3.7	10-20	C2
Tree T636	1	Fraxinus excelsior (Ash)	9.0	31 COM	2		2.5		2.5		2.5		1.49	4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Felled high stump, regrown.	09/11/2024	43.8	3.7	10-20	C2

Stem **green** Estimated value
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L.B. Height of lowest branch attachment (m) - where relevant

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T637	1	Fraxinus excelsior (Ash)	9.0	29	1	2.5		1.74		2.5		2.93		4.0		Early Mature	Structural condition Poor. Physiological condition Fair. Felled high stump, regrown.	09/11/2024	38.0	3.5	10-20	C2
Tree T638	1	Acer pseudoplatanus (Sycamore)	13.0	38	1	4.0		4.0		4.0		4.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located below level of footpath within bank. DBH estimated, average of stems.	11/11/2024	65.3	4.6	20-40	B2
Tree T639	1	Acer pseudoplatanus (Sycamore)	13.0	38	1	4.0		4.0		4.0		4.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located below level of footpath within bank. DBH estimated, average of stems.	11/11/2024	65.3	4.6	20-40	B2
Tree T640	1	Acer pseudoplatanus (Sycamore)	13.0	38	1	4.0		4.0		4.0		4.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located below level of footpath within bank. DBH estimated, average of stems.	11/11/2024	65.3	4.6	20-40	B2
Tree T641	1	Acer pseudoplatanus (Sycamore)	13.0	38	1	4.0		4.0		4.0		4.0		2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located below level of footpath within bank. DBH estimated, average of stems.	11/11/2024	65.3	4.6	20-40	B2

Stem **green** Estimated value
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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T642	1	Acer pseudoplatanus (Sycamore)	15.0	45	1		5.83		4.0		6.48		5.98	2.0		Early Mature	Structural condition Fair. Physiological condition Fair. Competition - Adjacent trees. Coppice stool - Coppice origin / Mature stems. Suppressed crown - Minor. DBH estimated due to inaccessibility. Located below level of footpath within bank. DBH estimated, average of stems.	11/11/2024	91.6	5.4	20-40	B2
Group G643	1	Acer pseudoplatanus (Sycamore)	10.0	31 AVE	1	3.0		3.0		3.0		3.0		1.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Inaccessible. Dense ground cover with maturing ash and sycamore trees. Higher collective value but contains several lower amenity specimens. Further information required when access and path location secured.	11/11/2024	43.5	3.7	20-40	B2
	1	Crataegus monogyna (Common Hawthorn/Quick/May)																				
	1	Fraxinus excelsior (Ash)																				
	1	Hedera helix (Common Ivy)																				
Group G644	1	Acer pseudoplatanus (Sycamore)	4.0	11 AVE	1	1.0		1.0		1.0		1.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Scrub.	11/11/2024	5.5	1.3	10-20	C2
	1	Fraxinus excelsior (Ash)																				
Group G645			11.0	24	1	2.5		2.5		2.5		2.5		0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Inaccessible. Dense narrow planting of ash and alder West of the bridge, path will need to be cleared. Planting becomes less dense further west, path should be feasible without removing significant trees.	11/11/2024	26.1	2.9	20-40	B2

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T646	1	Acer pseudoplatanus (Sycamore)	15.0	45 COM	2		1.65		2.80		4.0		2.93	4.0		Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Competition - Adjacent vegetation. Ivy or climbing plant. DBH estimated due to inaccessibility.	11/11/2024	92.6	5.4	10-20	C2
Tree T647	1	Fraxinus excelsior (Ash)	13.0	43 COM	3		4.71		6.46		5.0		5.21	7.0		Mature	Structural condition Fair. Physiological condition Fair. Tree rooting close to level with footpath.	11/11/2024	84.8	5.2	10-20	C1
Tree T648	1	Acer pseudoplatanus (Sycamore)	15.0	45 COM	2		4.71		5.34		5.0		3.20	4.0		Mature	Structural condition Fair. Physiological condition Fair. Tree rooting close to level with footpath.	11/11/2024	92.6	5.4	20-40	B2
Tree T649	1	Larix decidua (European Larch/Common Larch)	14.0	55	1		3.38		4.60		6.39		3.80	8.0		Early Mature	Structural condition Poor. Physiological condition Poor. Deadwood - Major. Ivy or climbing plant. Suppressed crown - Major. Dimensions estimated due to inaccessibility. Located above level of footpath at top of bank.	11/11/2024	136.8	6.6	0-10	U
Group G650	1 1 1 1	Acer pseudoplatanus (Sycamore) Crataegus monogyna (Common Hawthorn/Quick/May) Fraxinus excelsior (Ash) Tilia cordata (Small Leaved Lime)	8.0	33 AVE	1	3.0		3.0		3.0		3.0		0.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Inaccessible. Tree group south of new housing area, fenced off, and cycle path. New Cycle path should be able to link up from the road.	11/11/2024	49.3	4.0	20-40	B2
Tree T651	1	Fraxinus excelsior (Ash)	11.0	35 COM	2		2.05		3.80		4.04		3.0	6.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Base / stems obscured - Vegetation. Decay / structural defect - Bole. Ivy or climbing plant. Crown lifted, high canopy.	11/11/2024	56.5	4.2	10-20	C2

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Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Tree T652	1	Fraxinus excelsior (Ash)	9.0	19	1		0.50		1.5		1.5		1.5	8.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Bole. Ivy or climbing plant. Crown lifted, high canopy.	11/11/2024	16.3	2.3	0-10	U
Tree T653	1	Fraxinus excelsior (Ash)	11.0	35 COM	2		2.60		3.0		3.0		3.80	6.0		Semi Mature	Structural condition Poor. Physiological condition Poor. Base / stems obscured - Vegetation. Decay / structural defect - Bole. Ivy or climbing plant. Crown lifted, high canopy.	11/11/2024	56.5	4.2	0-10	U
Group G654	1 1 1 1	Rubus fruticosus s. (Blackberry/Bramble) Salix caprea (Goat Willow/Great Sallow) Crataegus monogyna (Common Hawthorn/Quick/May) Prunus spinosa (Blackthorn/Sloe)	3.0	11 AVE	1	2.0		2.0		2.0		2.0		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Informal gapped hedgerow. Rural scrub species.	11/11/2024	5.5	1.3	10-20	C2
Tree T655	1	Quercus robur (English Oak)	11.0	45 COM	2		4.0		5.52		4.0		4.82	4.0		Early Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated due to inaccessibility. Tree located on opposite side of the drainage ditch.	11/11/2024	92.6	5.4	20-40	B2

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240905 - Royal Canal Uran Greenway

Tree ID	No.	Species	Height (m)	Stem diameter (cm)	No. of Stems	CROWN SPREAD (m) N	NE	E	SE	S	SW	W	NW	Crown clearance (m)	L.B. (m)	Life stage	Condition Notes	Survey date	RPA (m^2)	RPR (m)	Life expectancy (yrs)	BS Category
Hedge H656	1	Crataegus monogyna (Common Hawthorn/Quick/May)	1.5	7 AVE	1	0.5		0.5		0.5		0.5		0.0		Semi Mature	Structural condition Fair. Physiological condition Fair. Dimensions estimated and averaged for the group. Hedgerow maintained.	11/11/2024	2.2	0.8	10-20	C2
	1	Prunus spinosa (Blackthorn/Sloe)																				
	1	Rubus fruticosus s. (Blackberry/Bramble)																				
	1	Sambucus nigra (Elder)																				

Stem **green** Estimated value
Stem **AVE** Average stem diameter for tree groups
Stem **COM** Combined stem diameter in accordance with BS5837
L.B. Height of lowest branch attachment (m) - where relevant

The survey information in this schedule has been gathered following a BS5837 survey for planning purposes. Where hazardous trees have been noted recommendations for works may have been made but this survey cannot be relied upon as a full health and safety assessment of the trees.

Generated By MyTREES tree management software

Table 1 of BS5837 (2012) **Cascade chart for tree quality assessment**

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention (see note)				
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	* Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) * Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline * Trees infected with pathogens of significance to health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7			**RED**
	1 Mainly arboricultural qualities	**2 Mainly landscape qualities**	**3 Mainly cultural values, including conservation**	
Trees to be considered for retention				
Category A **Trees of high quality** with an estimated remaining life expectancy of at least 40 years	Tree 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 principal trees within an avenue).	Trees, groups or woodlands of particular visual importance as arboricutural and/or landscape features.	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture).	**GREEN**
Category B **Trees of moderate quality** with an estimated remaining life expectancy of at least 20 years	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.	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 locality.	Trees with material conservation or other cultural value.	**BLUE**
Category C **Trees of low quality** with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits.	Trees with no material conservation or other cultural value.	**GREY**

240905-PD-12 - Planning Tree Works Schedule

240905 - Royal Canal Uran Greenway

CHARLES MCCORKELL
ARBORICULTURAL CONSULTANCY

ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
H6	1 *Laurocerasus lusitanica* Portugal Laurel	C2	To facilitate development Fell - Ground level.	Proposed
H7	1 *Laurocerasus lusitanica* Portugal Laurel	C2	To facilitate development Fell - Ground level.	Proposed
H8	1 *Laurocerasus officinalis* Cherry Laurel	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed
G28	1 *Fagus sylvatica* Common Beech	C2	To facilitate development Fell - Ground level.	Proposed
T29	1 *Alnus cordata* Italian Alder	C1	To facilitate development Fell - Ground level.	Proposed
T30	1 *Fraxinus excelsior* Ash	C2	To facilitate development Fell - Ground level.	Proposed
T31	1 *Alnus cordata* Italian Alder	C2	To facilitate development Fell - Ground level.	Proposed
T33	1 *Acer pseudoplatanus* Sycamore	C2	To facilitate development Fell - Ground level.	Proposed
H34	1 *Pyracantha sp.* Pyracantha	C2	To facilitate development Fell - Ground level.	Proposed
H35	1 *Pyracantha sp.* Pyracantha	C2	To facilitate development Fell - Ground level.	Proposed
T36	1 *Sorbus aucuparia* Rowan/Mountain Ash	C2	To facilitate development Fell - Ground level.	Proposed
T37	1 *Sorbus aucuparia* Rowan/Mountain Ash	C2	To facilitate development Fell - Ground level.	Proposed
T38	1 *Sorbus aucuparia* Rowan/Mountain Ash	C2	To facilitate development Fell - Ground level.	Proposed
T39	1 *Alnus cordata* Italian Alder	C2	To facilitate development Fell - Ground level.	Proposed
H40	1 *Pyracantha sp.* Pyracantha	C2	To facilitate development Fell - Ground level.	Proposed
S82	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C2	To facilitate development Fell - Ground level.	Proposed
S83	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C2	To facilitate development Fell - Ground level.	Proposed
S84	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C2	To facilitate development Fell - Ground level.	Proposed

ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
G85	1 *Acer pseudoplatanus* Sycamore 1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Fraxinus excelsior* Ash 1 *Sambucus nigra* Elder	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed
S86	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C2	To facilitate development Fell - Ground level.	Proposed
G87	1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Rubus fruticosus s.* Blackberry/Bramble 1 *Sambucus nigra* Elder	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed
S145	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C3	To facilitate development Fell - Ground level.	Proposed
S146	1 *Fraxinus excelsior* Ash	C3	To facilitate development Fell - Ground level.	Proposed
S147	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C3	To facilitate development Fell - Ground level.	Proposed
G172	1 *Acer pseudoplatanus* Sycamore 1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Fraxinus excelsior* Ash 1 *Sambucus nigra* Elder	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans. Trees to be removed will be individually identified onsite by the arboricultural consultant and site engineer.	Proposed
W173		B2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans. Trees to be removed will be individually identified onsite by the arboricultural consultant and site engineer.	Proposed
G182	1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Cupressocyparis leylandii* Leyland Cypress 1 *Fraxinus excelsior* Ash 1 *Sambucus nigra* Elder	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed

ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
T187	1 *Fraxinus excelsior* Ash	C2	To facilitate development Fell - Ground level.	Proposed
T194	1 *Aesculus x carnea* Red Horse Chestnut	C2	To facilitate development Fell - Ground level.	Proposed
T251	1 *Fraxinus excelsior* Ash	U	To facilitate development Fell - Ground level.	Proposed
T252	1 *Fraxinus excelsior* Ash	C2	To facilitate development Fell - Ground level.	Proposed
T253	1 *Fraxinus excelsior* Ash	U	To facilitate development Fell - Ground level.	Proposed
T254	1 *Fraxinus excelsior* Ash	U	To facilitate development Fell - Ground level.	Proposed
T255	1 *Fraxinus excelsior* Ash	U	To facilitate development Fell - Ground level.	Proposed
T257	1 *Alnus glutinosa* Common Alder	B2	To facilitate development Fell - Ground level.	Proposed
T258	1 *Alnus glutinosa* Common Alder	B2	To facilitate development Fell - Ground level.	Proposed
T262	1 *Alnus glutinosa* Common Alder	B2	To facilitate development Fell - Ground level.	Proposed
G264	1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Rubus fruticosus s.* Blackberry/Bramble 1 *Sambucus nigra* Elder	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed
T270	1 *Ilex aquifolium* Holly	C2	To facilitate development Fell - Ground level.	Proposed
T271	1 *Alnus glutinosa* Common Alder	B2	To facilitate development Fell - Ground level.	Proposed
T272	1 *Fraxinus excelsior* Ash	U	To facilitate development Fell - Ground level.	Proposed
S274	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C2	To facilitate development Fell - Ground level.	Proposed
T283	1 *Fraxinus excelsior* Ash	C1	To facilitate development Fell - Ground level.	Proposed
T287	1 *Alnus glutinosa* Common Alder	B2	To facilitate development Fell - Ground level.	Proposed
T298	1 *Fraxinus excelsior* Ash	C2	To facilitate development Fell - Ground level.	Proposed
S324	1 *Crataegus monogyna* Common Hawthorn/Quick/May	C3	To facilitate development Fell - Ground level.	Proposed

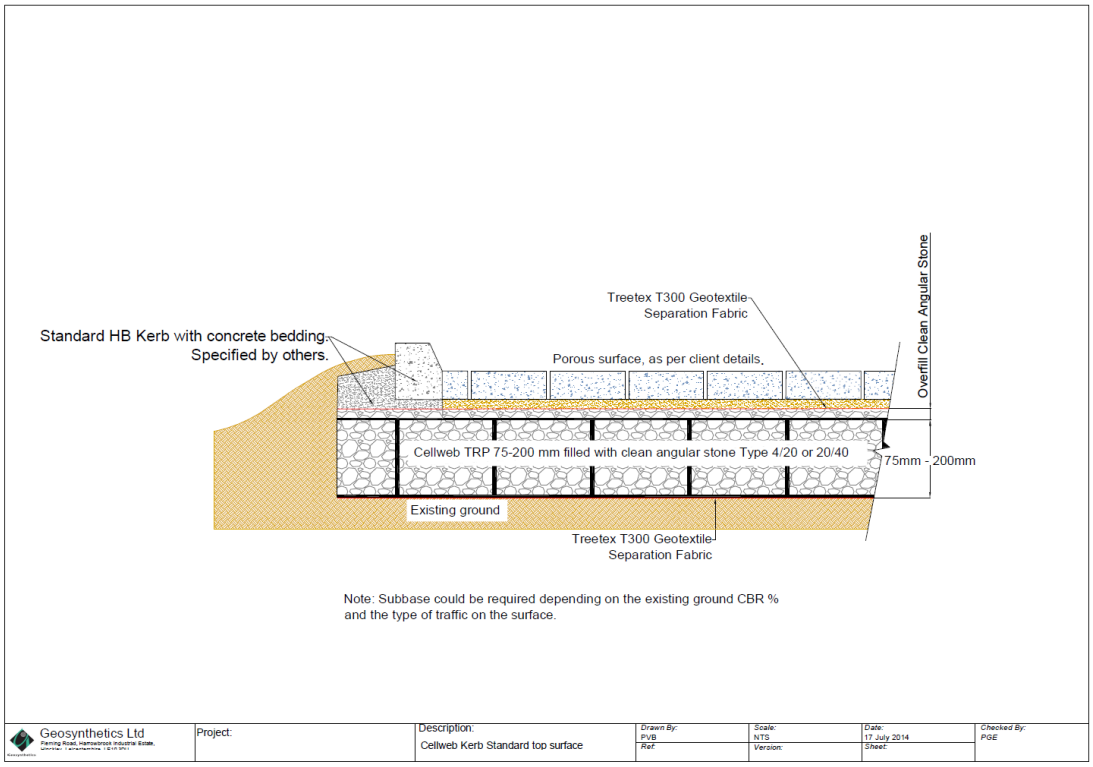
ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
G326	1 *Acer pseudoplatanus* Sycamore 1 *Alnus glutinosa* Common Alder 1 *Fraxinus excelsior* Ash	C1	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans. Trees to be removed will be individually identified onsite by the arboricultural consultant and site engineer.	Proposed
G327	1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Hedera helix* Common Ivy 1 *Sambucus nigra* Elder	C3	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans. Trees to be removed will be individually identified onsite by the arboricultural consultant and site engineer.	Proposed
T329	1 *Acer pseudoplatanus* Sycamore	B2	To facilitate development Fell - Ground level.	Proposed
G330	1 *Acer pseudoplatanus* Sycamore	C2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed
S331	1 *Crataegus monogyna* Common Hawthorn/Quick/May	B2	To facilitate development Fell - Ground level.	Proposed
T378	1 *Fraxinus excelsior* Ash	C3	To facilitate development Fell - Ground level.	Proposed
T379	1 *Acer pseudoplatanus* Sycamore	C3	To facilitate development Fell - Ground level.	Proposed
T380	1 *Acer pseudoplatanus* Sycamore	C3	To facilitate development Fell - Ground level.	Proposed
T381	1 *Fraxinus excelsior* Ash	U	To facilitate development Fell - Ground level.	Proposed
T382	1 *Fraxinus excelsior* Ash	C2	To facilitate development Fell - Ground level.	Proposed
T454	1 *Fagus sylvatica* Common Beech	C3	To facilitate development Fell - Ground level.	Proposed
T604	1 *Cerasus avium* Wild Cherry	C3	To facilitate development Fell - Ground level.	Proposed
G643	1 *Acer pseudoplatanus* Sycamore 1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Fraxinus excelsior* Ash 1 *Hedera helix* Common Ivy	B2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans. Trees to be removed will be individually identified onsite by the arboricultural consultant and site engineer.	Proposed

ID	No. / Species	BS5837 Category	Purpose of works Recommended works	Status
G645		B2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans. Trees to be removed will be individually identified onsite by the arboricultural consultant and site engineer.	
T647	1 *Fraxinus excelsior* Ash	C1	To facilitate development Fell - Ground level.	Proposed
T648	1 *Acer pseudoplatanus* Sycamore	B2	To facilitate development Fell - Ground level.	Proposed
G650	1 *Acer pseudoplatanus* Sycamore 1 *Crataegus monogyna* Common Hawthorn/Quick/May 1 *Fraxinus excelsior* Ash 1 *Tilia cordata* Small Leaved Lime	B2	To facilitate development Fell - Ground level. Part removal of group as shown on the Tree Removal Plans.	Proposed

Appendix B - Plans

Document	Reference	Revision
Tree Survey & Constraints Plans	240905-P-10-01 to 25	-
Tree Removal Plans	240905-P-11-01 to 25	C
Tree Protection Plans	240905-P-12-01 to 25	C

Appendix C – Cellular Confinement System





(Geosynthetics Limited / Web: www.geosyn.co.uk)

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KPMG

Royal Canal Urban Greenway Environmental Impact Assessment Report

Appendix 10.2 Landscape Report

October 2026





áit
urbanism + landscape

Royal Canal Greenway

Landscape Report

Prepared for:

Comhairle Contae
Fhine Gall
Fingal County
Council

September 2026

Revision	Date	Description	Approved
R00	28/09/2026	Planning Issue	GF

This document is to be read in conjunction with the following accompanying drawings:

18FG01-DR-0200 to 18FG01-DR-0227

áit
urbanism + landscape

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- 1.3 Existing Landscape Context
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- 4.2 Planting Buildup Details
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5.0 **Soft Landscape Specification**

1.0 Site Context



1.1 Site Context

Development Description

The Proposed Development consists of the construction of an approximately 8.1km shared pedestrian and cycle greenway along and adjacent to the Royal Canal towpath, extending from the Kildare County Council boundary in the west to Talbot Bridge (Old Navan Road) in the east, where it will tie into the completed Ashtown Greenway. The cycleway is for the exclusive use of pedal cyclists and pedestrians. The Proposed Development will include the following works:

- Construction of the Greenway Route including:
- Section 1: 2–3m wide unbound surface from the Kildare County Border to Hansfield Railway Bridge (Ch. 0000m – 3200m)
- Section 2: 3–4m wide bituminous surface from Hansfield Railway Bridge to Kennan Bridge. (Ch. 3200m – 5300m), with a section of precast concrete cantilevered boardwalk.
- Section 3: 4m wide bituminous surface from Kennan Bridge to Talbot Bridge (Ch 5300m – 8100m), with in-situ concrete surfacing and raised boardwalks where required by local topography.
- Embankments and retaining structures at various locations to stabilise ground conditions.
- 3 no. toucan signalised crossings (4m wide) and one zebra crossing at road interfaces along the route.
- Lighting installation between Hansfield and the 12th Lock designed in accordance with best practice and sensitive to ecological considerations including bats, birds and mammals.
- Ground level adjustments along the interface with Delwood Park to reduce overlooking, including lowering of path levels and the construction of a 2m high timber palisade fence with anti-climb mesh.
- Installation of the Quarry Bridge, a 30m single-span composite steel and concrete deck bridge spanning a historic quarry on the northern bank of the canal.
- Privacy planting and railings along the Brompton green area to supplement existing boundary fencing.
- Construction of the Landmark Bridge, a steel bridge approximately 185m in length with a maximum single span of 30m, traversing the Royal Canal.
- Construction of an underpass beneath Castleknock Road on the southern side of Granard Bridge (Section 3).
- Development of a Pocket Park at Hansfield, incorporating a wildflower meadow, native hedgerow planting, embankment slide, informal play area, picnic facilities and associated landscaping.
- Demolition of two dwellings and ancillary structures on the approach to Hansfield Road to facilitate the alignment of the scheme and the Pocket Park.
- Landscape works, including removal of certain trees and hedgerows and the provision of extensive compensatory planting using native and naturalised species to enhance and increase woodland.
- All associated and ancillary works, including drainage, diversion of services, fencing, boundaries and 3 no. temporary construction compounds.

An Environmental Impact Assessment Report has been prepared in respect of the Proposed Development. The Proposed Development includes works adjoining and affecting the Royal Canal, which is a Protected Structure (BH-01, RPS 944a, 10th Lock 944b, 11th Lock 944c and 12th Lock 944d) contained within the Record of Protected Structures of the Fingal Development Plan.

1.2 Site Context

The Subject Site



- Train Stations from West to East:
  - Hansfield Train Station
  - Clonsilla Train Station
  - Coolmine Train Station
  - Castleknock Train Station

1.3 Site Context

Existing Landscape Context

Site Context

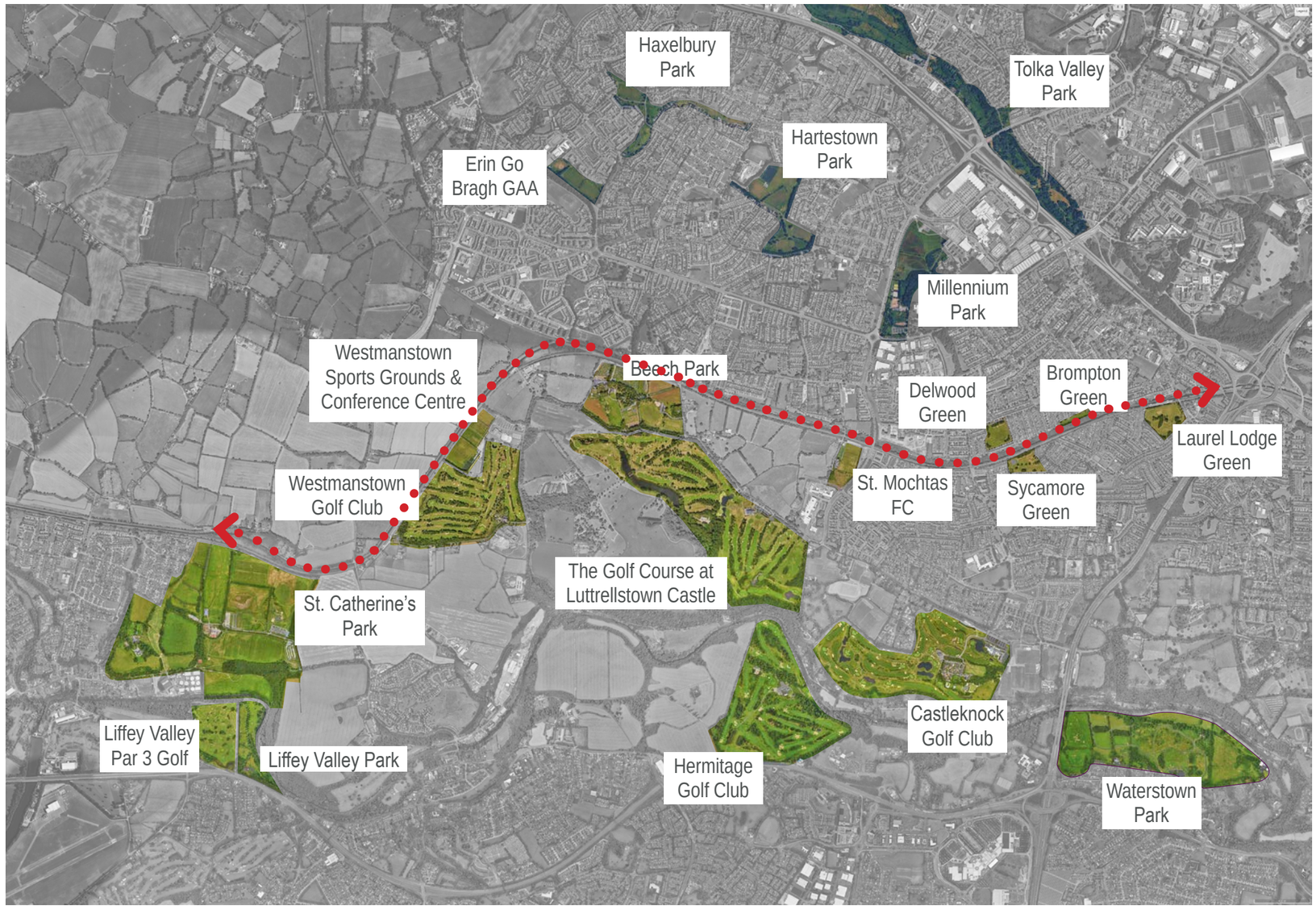
The route traverses a mix of rural,suburban and urban environments, with low, medium and high density residential developments interspersed with commercial, civic, and recreational land uses. Surrounding land covers include agricultural fields, public parks, sports grounds, and golf courses.

Proceeding from west to east, the route key character areas comprise:

Royal Canal Amenity Group at Confey: The western section is bounded by agricultural land to the north, with St. Catherine's Park, Westmanstown Golf Club, and Westmanstown Sports & Conference Centre to the south. This segment retains a predominantly rural character with minimal active development.

Hansfield Pocket Park Section: Transitioning eastward toward the site of the proposed Hansfield Pocket Park, the northern corridor features existing and emerging residential developments, while the southern boundary remains defined by open fields and parkland.

St. Mochta's FC to Tolka Bridge: East of St. Mochta's FC, the landscape transitions fully into an urban setting, defined on both sides by established residential housing schemes until terminating at the 12th Lock, Talbot Bridge.



1.4.1 Site Context

Site Photographs

Viewpoint 01: Standing North of the canal looking west at Royal Canal Amenity Group Building.

Viewpoint 02: Standing North of the canal looking east.

Viewpoint 03: Standing North of the canal looking east.

Viewpoint 04: Standing North of the canal looking east at Collins Bridge.

Viewpoint 05: Standing north of the canal at Collins Bridge looking east.

Viewpoint 06: Standing north of the canal at Collins Bridge looking west.















1.4.2 Site Context

Site Photographs

Viewpoint 07: Standing North of the canal looking south west.

Viewpoint 08: Standing North of the canal looking at Westmanstown Sports and Conference Centre Grounds.

Viewpoint 09: Standing North of the canal looking south west.

Viewpoint 10: Standing North of the canal looking at Pakenham Bridge.

Viewpoint 11: Standing on Pakenham Bridge looking north east.

Viewpoint 12: Standing North of the canal looking south west at Pakenham Bridge.



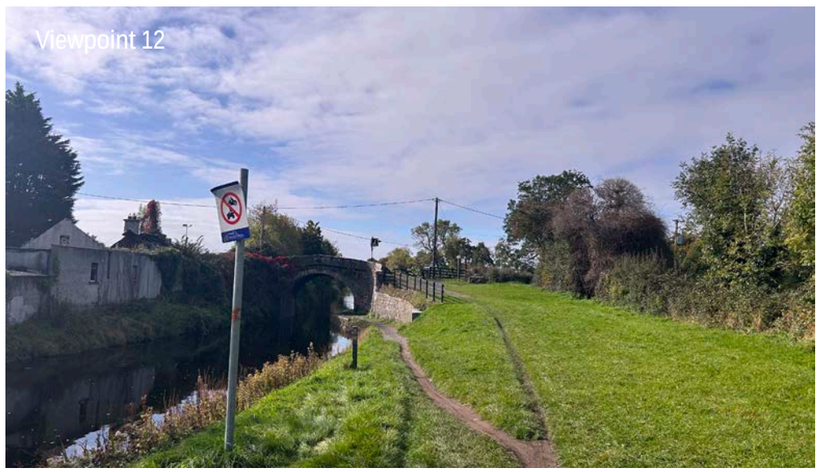












1.4.3 Site Context

Site Photographs

Viewpoint 13: Standing North of the canal looking north east.

Viewpoint 14: Standing north of the canal looking west.

Viewpoint 15: Standing north of the canal looking north west.

Viewpoint 16: Standing at the greenway entrance looking north west.

Viewpoint 17: Standing north of the canal looking at Callaghan Bridge.

Viewpoint 18: Standing north of the canal looking north west.















1.4.4 Site Context

Site Photographs

Viewpoint 19: Standing North of the canal looking south.

Viewpoint 20: Standing North of the canal looking west.

Viewpoint 21: Standing North of the canal looking east at Keenan Bridge.

Viewpoint 22: Standing North of the canal looking east at Dr. Troy Bridge.

Viewpoint 23: Standing North of the canal looking east at Kirkpatrick Bridge.

Viewpoint 24: Standing at Kirkpatrick Bridge looking south.















1.4.5 Site Context

Site Photographs

Viewpoint 25: Standing south of the canal looking south west.

Viewpoint 26: Standing south of the canal looking east.

Viewpoint 27: Standing south of the canal looking at Granard Bridge.

Viewpoint 28: Standing south of the canal looking west.

Viewpoint 29: Standing north of the canal looking at Talbot Bridge.

Viewpoint 27: Standing north of the canal looking east.

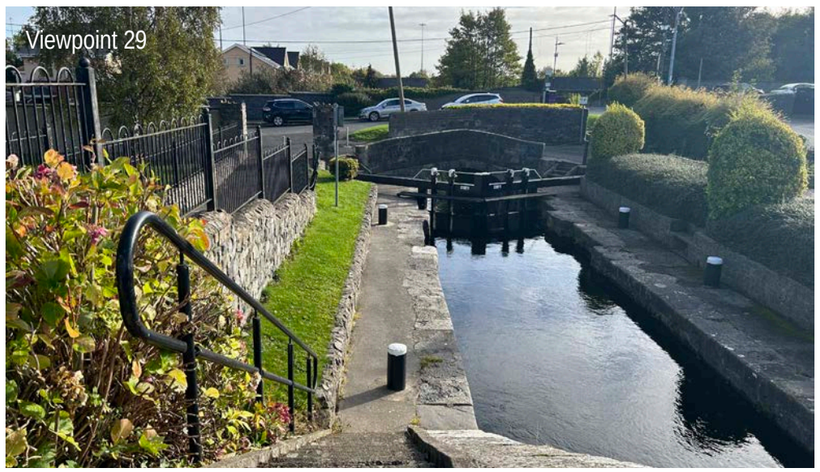












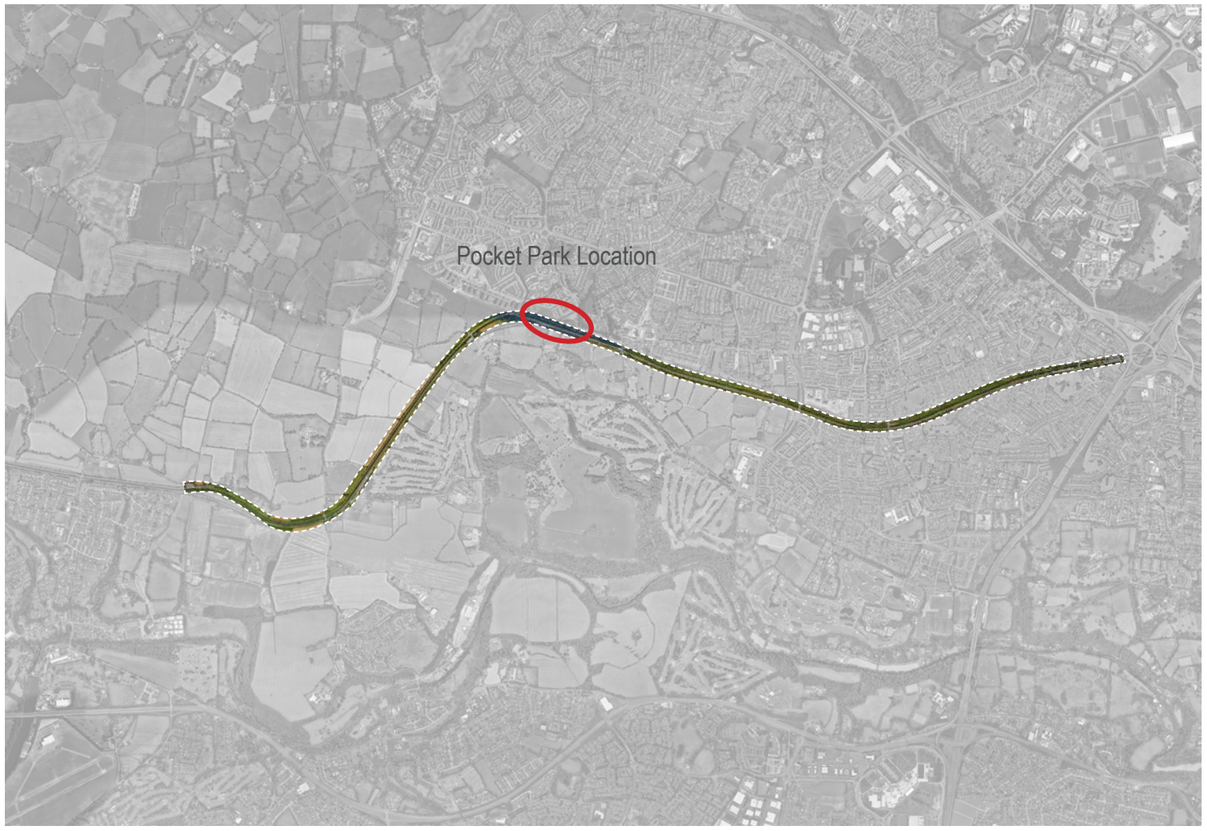


2.0 Landscape Proposals



2.1.1 Landscape Proposals

Hansfield Pocket Park Design



The Proposed Design

An area of public open space, extending to approximately 0.2 ha, will be provided along the greenway route on the northern side of the Royal Canal. The space is located approximately 370 m west of Clonsilla Train Station, 500 m east of Hansfield Station Road and immediately south of St Joseph's Residential Estate.

The park will be designed as an informal recreational space incorporating play, seating, planting and biodiversity enhancement. A gently formed earthen mound will provide a central landscape feature and will incorporate an embankment slide as the principal formal play element. In addition to supporting play, the mound will introduce variation in landform and create opportunities for informal activity, while also increasing the extent of grassland habitat available for badger foraging.

A cluster of large natural stone boulders will provide a further focal element within the space. Set within an area of grass and wildflower meadow, the boulders will support informal and imaginative play, including climbing, balancing, hiding and chasing games, while complementing the naturalistic character of the park.

A perimeter path will extend around the pocket park, providing an alternative route to the main greenway and allowing users to move through and experience the space in a variety of ways. This will help create a greater sense of choice and informality in how the park is accessed and used.

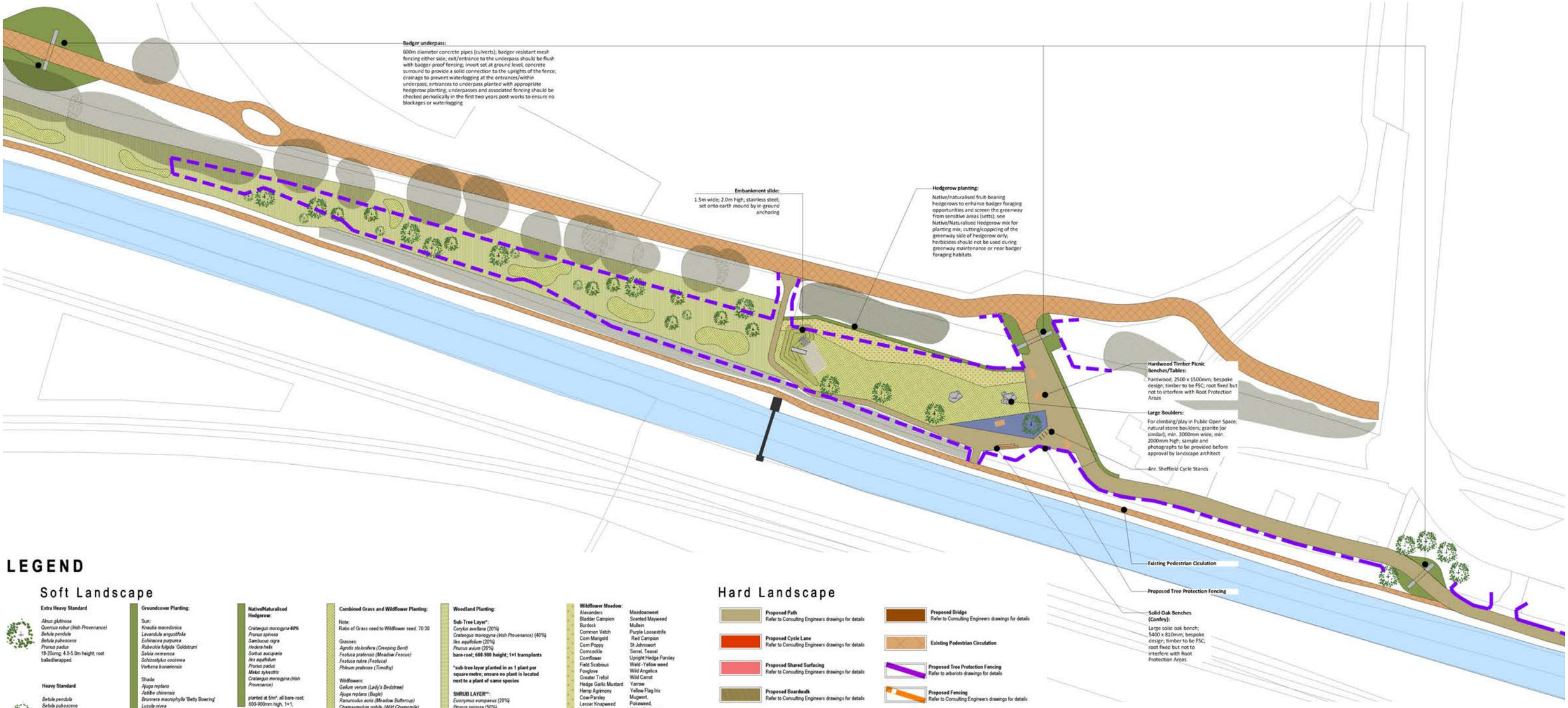
Seating will be concentrated along the side of the park adjoining the principal greenway route, where it will be most accessible to passing users. Solid hardwood timber benches will provide opportunities for short stays and informal rest, while a picnic area will incorporate robust contemporary hardwood picnic tables and benches. The clustering of these facilities along the greenway edge will also help create a more clearly defined social and resting area within the park.

Areas of wildflower meadow will be distributed throughout the open space, providing seasonal colour and visual interest while increasing habitat diversity and supporting pollinators and other wildlife. A substantial planted bed adjoining the seating and picnic area will comprise a mixture of pollinator-friendly perennial groundcover species and ornamental grasses, selected to provide structure, seasonal variation and year-round interest.

Native hedgerow planting will also be introduced along the edge of the park adjoining the existing scrub woodland. This will create an informal landscape boundary while reinforcing the transition between the more managed open space and the adjoining semi-natural vegetation. The hedgerow will also provide additional habitat, shelter and ecological connectivity within the wider greenway corridor.

2.1.2 Landscape Proposals

Hansfield Pocket Park Design



LEGEND

Soft Landscape

Extra Heavy Standard

Alnus glutinosa
Quercus robur (Irish Provenance)
Betula pendula
Betula pubescens
Prunus padus
18-20cmg; 4.0-5.0m height; root balled/wrapped.

Heavy Standard

Betula pendula
Betula pubescens
Prunus padus
12-14cmg; 3.5-4.5m height; root balled/wrapped.

Multi-Stems

Corylus avellana
Malus sylvestris
Salix caprea
multi-stem; 2.5-3.0m height/spread; root balled/wrapped; minimum of 8 breaks.

Groundcover Planting:

Sun:
Knautia macedonica
Lavandula angustifolia
Echinacea purpurea
Rubeckia fulgida 'Goldstrum'
Salvia nemerosa
Schizostylus coccinea
Verbena bonariensis

Shade:
Ajuga reptans
Astilbe chinensis
Brunnera macrophylla 'Betty Bowring'
Luzula rivea
Luzula sylvatica
Athyrium filix-femina
Dryopteris filix-mas
Polystichum setiferum

Night Scented:
Oenothera biennis
Silene noctiflora
Matthiola bicornis
Silene nutans
Saponaria officinalis
Hesperis matronalis
Nicotiana alata

plants to be 2 litre container grown; planted at 7/m²

Native/Naturalised Hedgerow:

Crataegus monogyna **60%**
Prunus spinosa
Sambucus nigra
Hedera helix
Sorbus aucuparia
Ilex aquifolium
Prunus padus
Malus sylvestris
Crataegus monogyna (Irish Provenance)

planted at 5/m², all bare-root; 600-900mm high, 1+1;

Climbers
(to provide additional privacy/screening to back garden boundaries):

Lonicera periclymenum
Jasminum officinale
Hedera helix
plants to be P9 container grown; planted at 3 per linear metre at the base of anti-climb security fence at back garden boundaries

Combined Grass and Wildflower Planting:

Note:
Ratio of Grass seed to Wildflower seed: 70:30

Grasses:
Agrostis stolonifera (Creeping Bent)
Festuca pratensis (Meadow Fescue)
Festuca rubra (Festuca)
Phleum pratense (Timothy)

Wildflowers:
Galium verum (Lady's Bedstraw)
Ajuga reptans (Bugle)
Ranunculus acris (Meadow Buttercup)
Chamaemelum nobile (Wild Chamomile)
Trifolium pratense (Red Clover)
Primula veris (Cowslip)
Leucanthemum vulgare (Oxeye Daisy)
Leontodon saxatilis (Smooth Hawkbit)
Plantago lanceolata (Ribwort Plantain)
Briza media (Quaking Grass)
Prunella vulgaris (Selfheal)
Rumex acetosa (Sorrel)
Lotus corniculatus (Birdsfoot Trefoil)
Achillea millefolium (Yarrow)
Anthyllis vulneraria (Kidney Vetch)

Woodland Planting:

Sub-Tree Layer*:
Corylus avellana (20%)
Crataegus monogyna (Irish Provenance) (40%)
Ilex aquifolium (20%)
Prunus avium (20%)
bare-root; 600-900 height; 1+1 transplants

***sub-tree layer planted in as 1 plant per square metre; ensure no plant is located next to a plant of same species**

SHRUB LAYER:**
Euonymus europaeus (20%)
Prunus spinosa (50%)
Viburnum opulus (20%)
Rosa canina (10%)
bare-root; 600-900 height; 1+1 transplants

****shrub layer planted in as 2 plants per square metre; ensure no plant is located next to a plant of same species**

Wildflower Meadow:

Alexanders
Bladder Campion
Burdock
Common Vetch
Corn Marigold
Corn Poppy
Corncockle
Cornflower
Field Scabious
Foxglove
Greater Trefoil
Hedge Garlic Mustard
Hemp Agrimony
Cow-Parsley
Lesser Knapweed
Opium Poppy
Ox-eye Daisy
Meadowsweet
Scented Mayweed
Mullein
Purple Loosestrife
Red Campion
St Johnswort
Sorrel, Teasel
Upright Hedge Parsley
Weld -Yellow weed
Wild Angelica
Wild Carrot
Yarrow
Yellow Flag Iris
Mugwort,
Pokeweed,
White Bedstraw
Yellow Agrimony

Sowing rates:
Pure wildflowers: 1 to 1.5 grams per metre.
If grass seed added: 1 to 5 grams per metre.
Cutting: Once a year is advised but there is no minimum requirement.

Hard Landscape

Proposed Path
Refer to Consulting Engineers drawings for details

Proposed Cycle Lane
Refer to Consulting Engineers drawings for details

Proposed Shared Surfacing
Refer to Consulting Engineers drawings for details

Proposed Boardwalk
Refer to Consulting Engineers drawings for details

Proposed Solid Oak Benches:
large solid oak benches; 5400 x 810mm; bespoke design; timber to be FSC; root fixed but not to interfere with Root Protection Areas

Proposed Cycle Stands
Sheffield Cycle Stand

Proposed Bridge
Refer to Consulting Engineers drawings for details

Existing Pedestrian Circulation

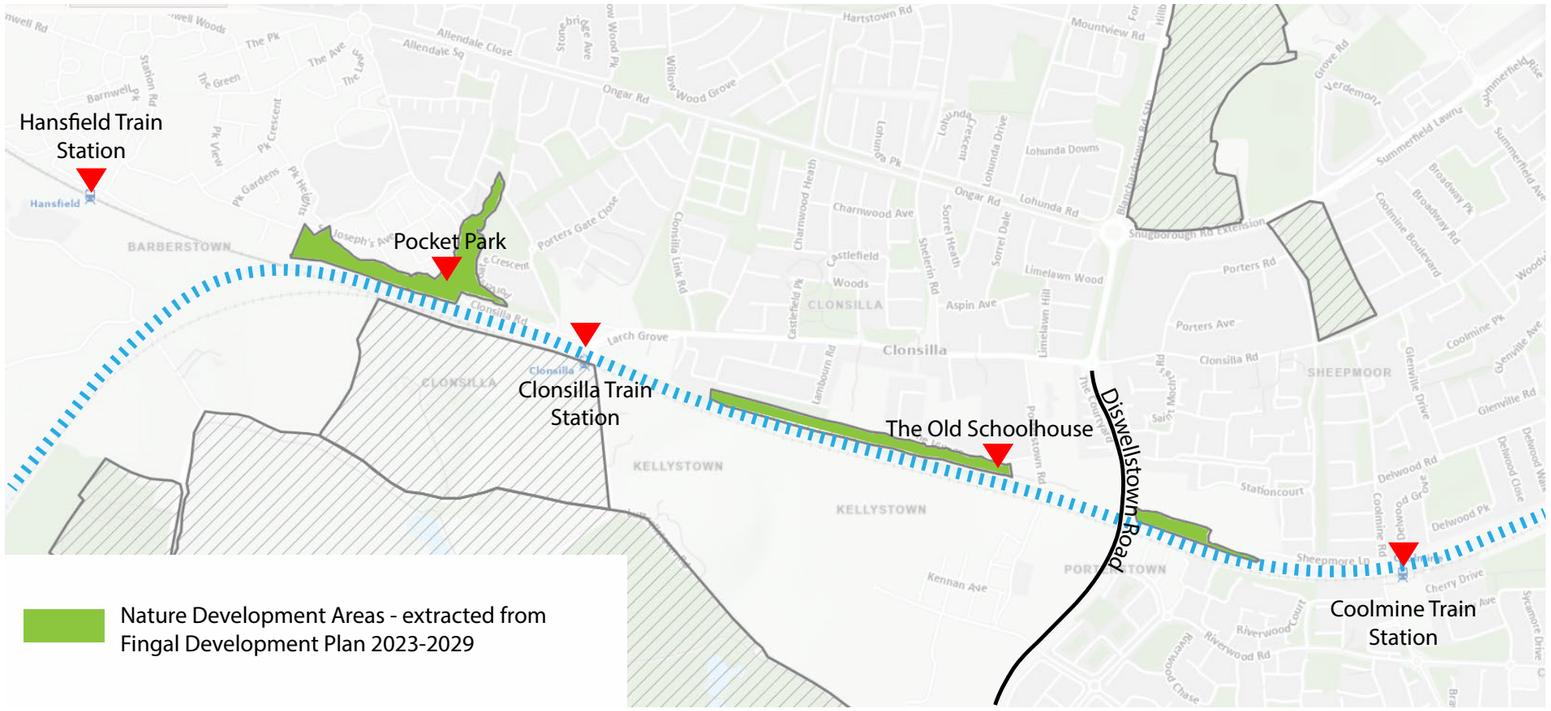
Proposed Tree Protection Fencing
Refer to arborists drawings for details

Proposed Fencing
Refer to Consulting Engineers drawings for details

Proposed Bridge
Delivered as part of the DART+West Scheme

2.2 Landscape Proposals

Nature Development Areas



Nature Development Areas

Three areas designated as Nature Development Areas (NDAs) in the Fingal Development Plan directly adjoin the project area. These comprise: an area to the south of St. Joseph's residential estate which also encompasses the proposed pocket park; an area extending from the Old Schoolhouse, south of Clonsilla Road, towards Lambourn Park; and an area located between Diswellstown Road and Sheepmoor Lane. All three areas are identified as Canal Woodland on the Fingal County Council Development Plan 2023–2029 online viewer.

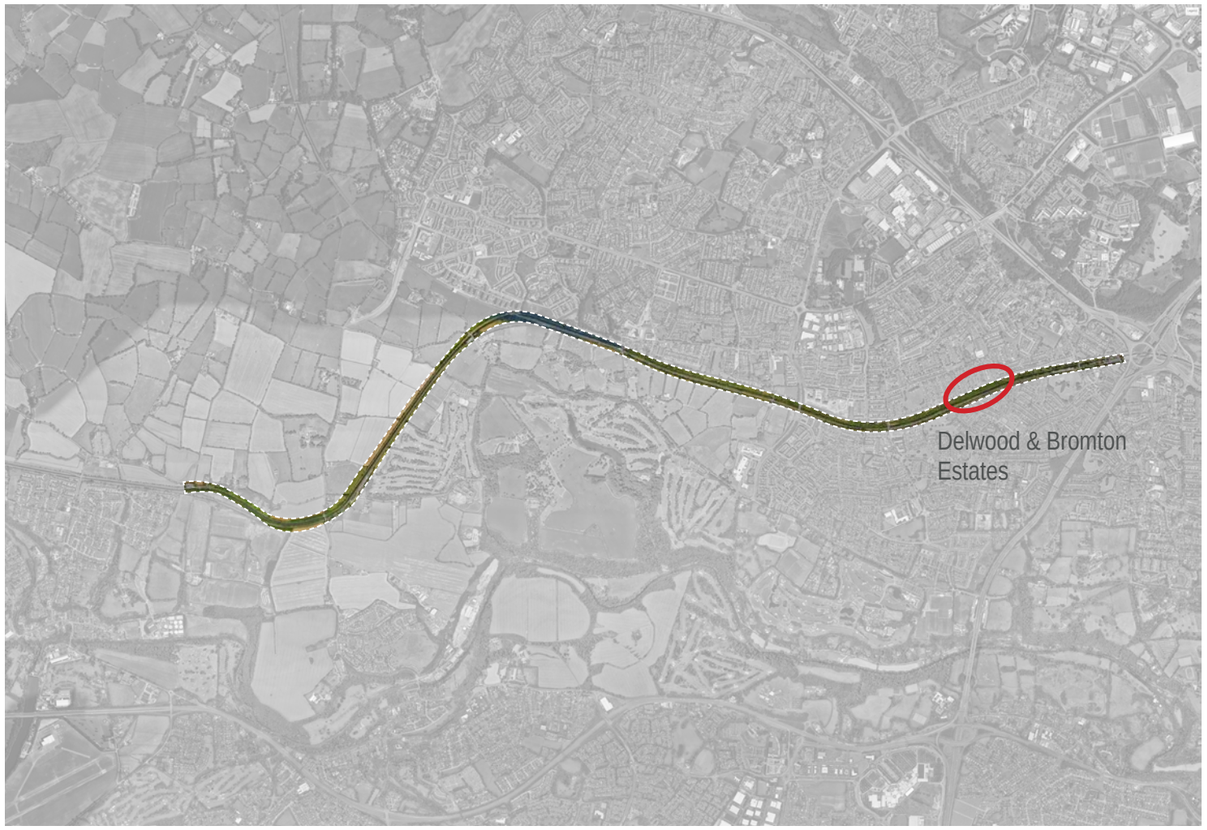
Within the NDA to the south of St. Joseph's residential estate, the existing woodland structure will be reinforced through targeted native woodland planting and the introduction of wildflower meadow along selected woodland edges. Gaps within the existing canal woodland will be infilled using a dense native planting mix incorporating canopy and tree-layer species, sub-tree and shrub species, together with an appropriate field and herb layer. The margins of these woodland infill areas will be sown with wildflower seed to create a more gradual and species-rich transition between woodland and adjoining open areas.

The NDA extending from the Old Schoolhouse towards Lambourn Park will remain largely undisturbed. The proposed greenway will form a new edge along its southern boundary. In locations where gaps occur within the existing woodland structure, native hedgerow planting will be introduced immediately south of the greenway to strengthen the woodland edge and provide additional under-storey vegetation. Limited areas of night-scented planting will also be incorporated to provide supplementary foraging opportunities for local bat populations.

No specific enhancement measures are proposed within the NDA between Diswellstown Road and Sheepmoor Lane. This area already comprises a dense and largely continuous area of canal woodland with limited existing human disturbance. Retaining the area in its current condition is therefore considered the most appropriate approach, avoiding unnecessary intervention within an established habitat.

2.3.1 Landscape Proposals

Delwood & Brompton Estates



Delwood & Brompton Estates

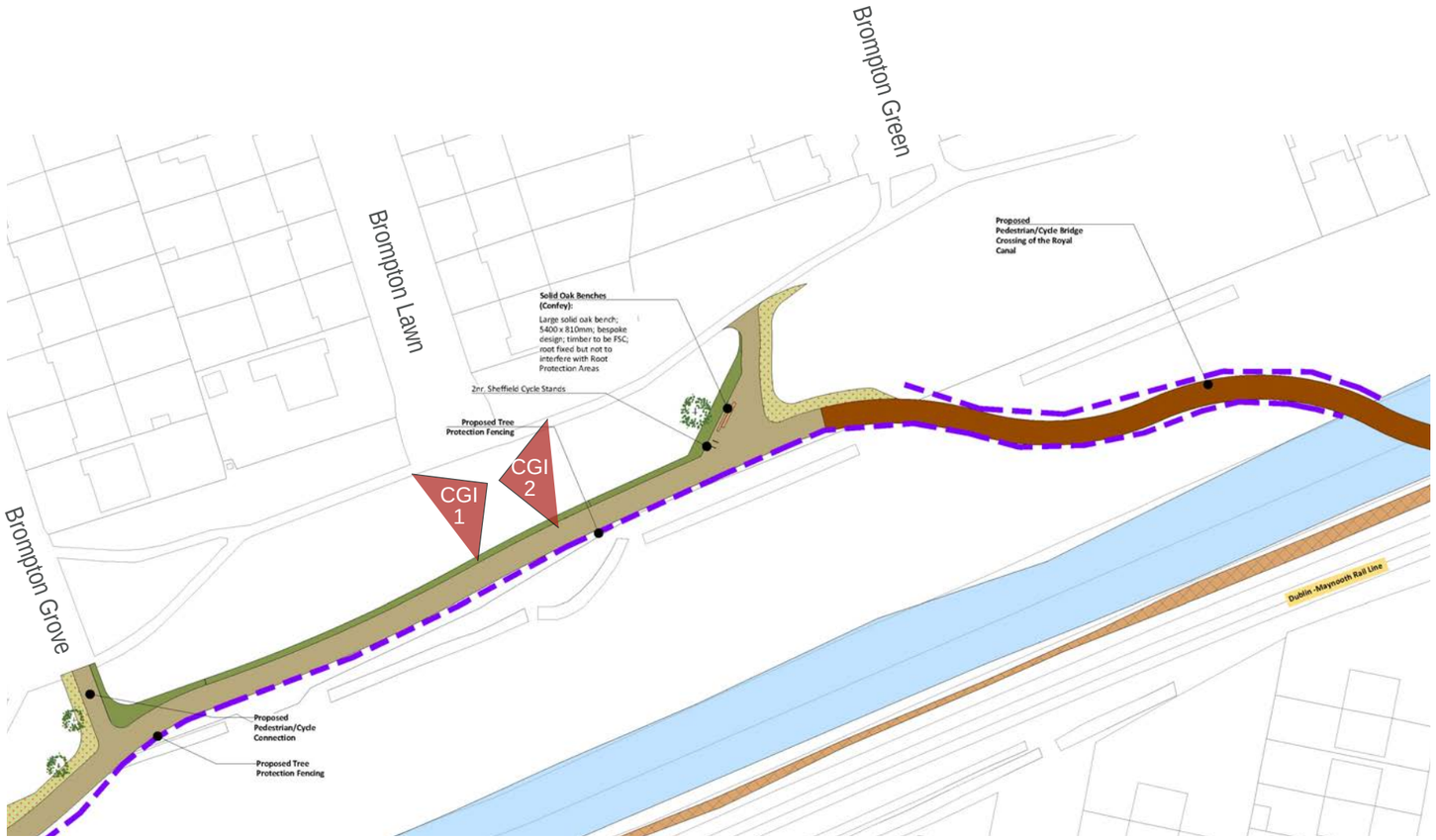
South of the Delwood residential estate, the proposed greenway will be separated from the rear boundaries of existing properties by a planted buffer comprising native and naturalised hedgerow species, supplemented by tree planting where appropriate. The purpose of this planting is to provide effective visual screening between the public greenway route and adjoining private residential gardens, while also reinforcing the vegetated character of the canal corridor.

At Brompton Lawn, the greenway adjoins an existing area of residential open space. Consultation with local residents identified concerns that the presence of the greenway could affect the sense of privacy and enclosure currently associated with this space. In response, native hedgerow planting is proposed along the interface between the greenway and the open space, creating a clear landscape boundary and substantially screening views of the route from within the residential amenity area.

A small rest point will also be provided at this location, comprising one bench and two cycle stands positioned close to the greenway and at the edge of the existing open space. The location provides a natural opportunity for a short stopping point along the route, while the limited scale and careful positioning of these elements is intended to avoid detracting from the existing amenity and character of the green space enjoyed by local residents.

2.3.2 Landscape Proposals

Delwood & Brompton Estates







CGI Image 1 produced by G-NET 3D

- Image showing the landscape proposals. Standing in the lawn looking south west at the new proposed hedgerow along the greenway.

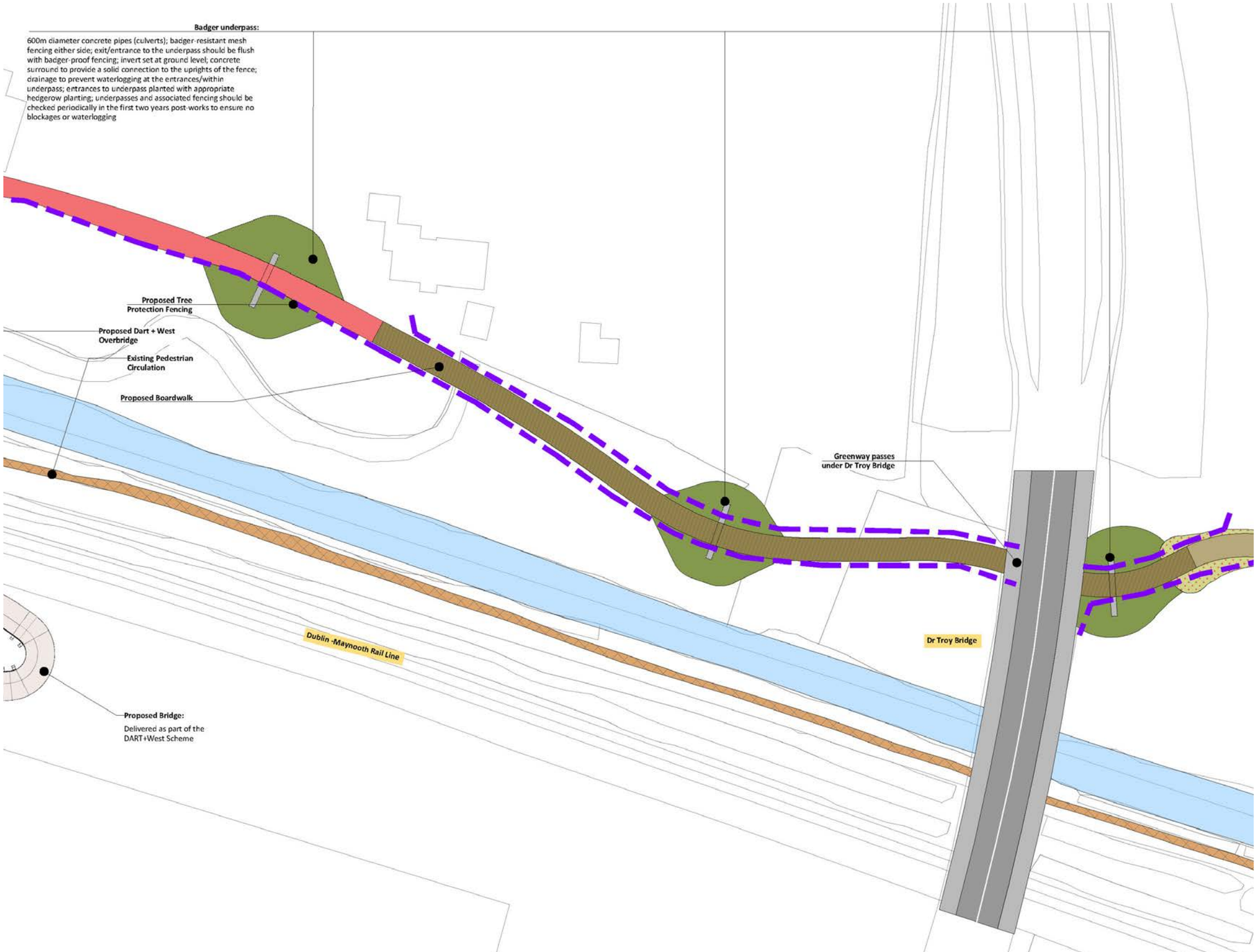


CGI Image 2 produced by G-NET 3D

- Image showing the landscape proposals. Standing in the lawn looking east at the new proposed pedestrian connect to the greenway.

2.4 Landscape Proposals

Mitigation of Effects on Badgers in Landscape Proposals



Mitigation of Effects on Badgers in Landscape Proposals

As recommended in the Badger Survey & Management Plan accompanying this application, a number of measures have been incorporated into the landscape proposals to minimise potential impacts on badger habitat and movement patterns.

These measures include the provision of dedicated badger underpasses to maintain established commuting routes and territorial connections across the scheme. The entrances to these underpasses will be associated with appropriate native hedgerow planting to help guide movement and encourage their use.

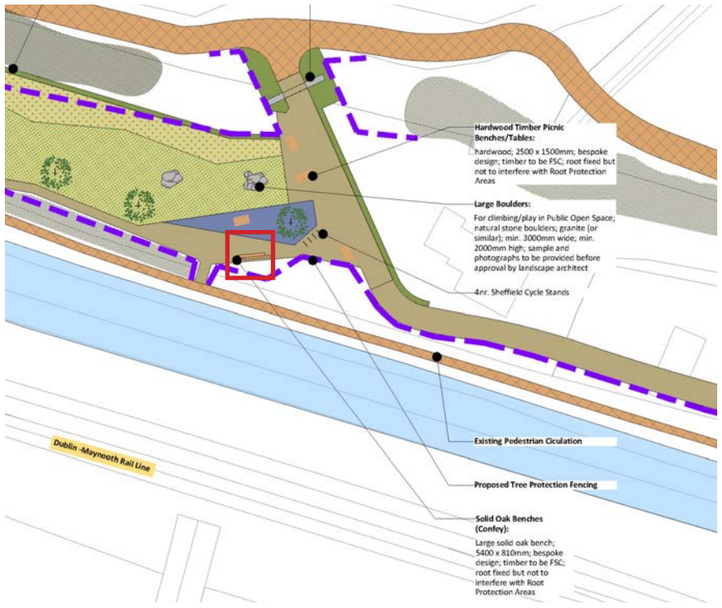
Fruit-bearing native hedgerows will also be incorporated at selected locations to enhance foraging opportunities. In addition to their ecological function, this planting will provide visual screening between the proposed greenway and more sensitive areas, including locations in proximity to badger setts.

Further details of the proposed mitigation measures are provided in the Royal Canal Urban Greenway Stage 2 Badger Survey & Management Plan prepared by Triturus Environmental Ltd., which accompanies this planning application.

2.5 Landscape Proposals

Resting Points

Proposed locations for resting points



Example of a resting point: Proposed Hansfield Pocket Park

Resting Points

A series of eight resting points will be provided at key locations along the greenway route. The crossing points associated with the existing canal bridges form natural nodes along the route, where movement, access and changes in direction are concentrated. These locations therefore provide logical opportunities for seating and other small-scale amenity provision.

The resting points will generally be marked by large solid hardwood timber benches, providing users with opportunities to pause and rest while travelling along the greenway. They are located near the Royal Canal Amenity Group at Confey, Collins Bridge, Pakenham Bridge, the proposed pocket park, Callaghan Bridge opposite Clonsilla Train Station, Keenan Bridge, Kirkpatrick Bridge facing Sheepmoor Lane, and at the edge of the open space adjoining the Brompton Estate.

Most of these locations will also incorporate cycle stands, allowing users to securely leave their bicycles while resting or exploring nearby areas on foot. Collectively, the resting points will reinforce key nodes along the route and provide a consistent level of amenity for greenway users.

3.0 Materials Palette



3.1 Materials Palette

Hard Landscape Palette



Bench Seating



Cycle Stands



Embankment Slide



Large Play Boulders



Picnic Benches

3.2 Materials Palette

Planting Strategy

The planting strategy for the greenway has been developed to reinforce the existing landscape character of the Royal Canal corridor while introducing targeted ecological and amenity enhancements at key locations. Along much of the route, the approach is intentionally restrained, with existing vegetation retained and disturbed areas reinstated in a manner that allows the canal-side landscape to recover naturally.

This emphasis on retention is also reflected on the landscape plans through the notation of tree protection fencing proposed as part of the arboricultural strategy. While these protection measures are not landscape proposals in themselves, they are shown on the landscape drawings to clearly emphasise the physical limits of construction activity and the extent to which existing woodland and vegetation are to be protected from disturbance.

More structured planting is focused at nodal points, including the pocket park, Nature Development Areas and selected resting points, where native trees and hedgerows, wildflower meadow, pollinator-friendly planting and locally appropriate groundcover species are used to strengthen habitat value, provide screening and add seasonal interest.

Overall, the strategy seeks to balance landscape enhancement with the protection and conservation of the established, naturalistic character of the Royal Canal corridor.

Planting and Landscape Establishment

The use of ornamental and groundcover planting along the greenway will be focused primarily at key nodal locations, including the proposed pocket park, Nature Development Areas and selected resting points. Along the majority of the route, the existing canal-side vegetation and established landscape character will be retained with minimal intervention.

Where existing vegetation is disturbed or damaged as a result of construction works, affected areas will be reinstated to support the re-establishment of a naturalistic grassland character. The following methodology will generally apply:

1. Remove all stones, debris and other unwanted material.
2. Cut existing vegetation back to ground level.
3. Remove the existing grass sward where required and cultivate the soil in dry conditions to a depth of approximately 150–200 mm, using a rotavator as necessary to control and remove weeds.
4. Prepare a firm seed bed and rake the surface to achieve a fine, crumbly tilth suitable for seeding.
5. Remove any remaining stones or debris greater than 50 mm.
6. Sow the specified grass seed mixture in accordance with the supplier's recommendations.
7. Roll the area following sowing to ensure good seed-to-soil contact.
8. Following establishment, allow pioneering and naturally occurring vegetation to recolonise the area so that it gradually assimilates with the surrounding canal landscape.

Where dedicated planting beds are proposed, they will comprise either pollinator-friendly perennial groundcover planting and ornamental grasses, or night-flowering species selected to provide additional foraging opportunities for local bat populations. These planting areas will be concentrated at locations where a more structured landscape treatment is appropriate and will provide seasonal and year-round visual interest while contributing to the ecological value of the greenway corridor.

Wildflower Meadow Establishment

A number of wildflower meadow areas will be established along the route as part of the wider biodiversity enhancement strategy. Wherever practicable, these areas will be created using locally sourced green hay from suitable species-rich grassland within the canal corridor. Donor areas will be selected carefully and cut during the appropriate season, prior to seed drop, with the resulting green hay transferred directly to prepared recipient areas.

This approach will help establish meadow communities that are characteristic of the local canal environment and will support the natural transfer of locally occurring species. Where insufficient donor material is available, supplementary seeding may be undertaken using appropriate species such as Yellow Rattle, Meadow Foxtail (Alopecurus pratensis) and Yellow Oat-grass (Trisetum flavescens), while retaining opportunities for natural recolonisation.

Further details of the proposed wildflower establishment methodology are provided within the Biodiversity Section of the EIAR prepared by JBA Consulting Ireland Ltd. and accompanying this application.

Climbing Planting to Security Fencing

Climbing vegetation is proposed along approximately 600 m of anti-climb security fencing associated with private rear garden boundaries between Coolmine Road and the Brompton residential area, including Brompton Court. The purpose of this planting is to soften the visual appearance of the fencing and reduce its prominence within the greenway corridor.

Species will include native Honeysuckle (*Lonicera periclymenum*), Common Jasmine (*Jasminum officinale*) and native Ivy (*Hedera helix*). These species have also been selected for their value to pollinators and their suitability as robust climbing plants capable of providing progressive vegetative cover.

Tree Planting

All proposed tree planting will comprise native species appropriate to the character of the Royal Canal corridor. Species will be selected from the following palette: Pedunculate Oak (*Quercus robur*), Alder (*Alnus glutinosa*), Silver Birch (*Betula pendula*), Downy Birch (*Betula pubescens*), Bird Cherry (*Prunus padus*), Hazel (*Corylus avellana*), Crab Apple (*Malus sylvestris*) and Goat Willow (*Salix caprea*).

Where existing trees are removed as a consequence of the proposed works, compensatory planting will be provided using species drawn from this native palette. The location and composition of replacement planting will respond to local site conditions and the existing woodland and canal-side vegetation structure.

3.3.1 Materials Palette

Soft Landscape Palette

Trees

Extra Heavy Trees:

Alnus glutinosa
Quercus robur (Irish Provenance)
Betula pendula
Betula pubescens
Prunus padus
18-20cmg; 4-5m height; rootballed/wrapped

Heavy Trees:

Betula pendula
Betula pubescens
Prunus padus
12-14cmg; 3.5-4.5m height; rootballed/wrapped

Multi-Stems:

Corylus avellana
Malus sylvestris
Salix caprea
multi-stem; 2.5-3m height/spread; rootballed/wrapped; min. of 8 breaks.


Alnus glutinosa


Quercus robur (Irish Provenance)


Betula pendula


Prunus padus


Corylus avellana


Malus sylvestris


Salix caprea

3.3.2 Materials Palette

Soft Landscape Palette

Groundcover Planting

Sun:

Knautia macedonica
Lavandula angustifolia
Echinacea purpurea
Rubeckia fulgida ‘Goldstrum’
Salvia nemerosa
Schizostylus cocinnea
Verbena bonariensis

Shade:

Ajuga reptans
Astilbe chinensis
Brunnera macrophylla ‘Betty Bowring’
Luzula nivea
Luzula sylvatica
Athyrium filix-femina
Dryopteris filix-mas
Polystichum setiferum


Knautia macedonica


Lavandula angustifolia


Echinacea purpurea


Rubeckia fulgida ‘Goldstrum’


Salvia nemerosa


Schizostylus cocinnea


Verbena bonariensis

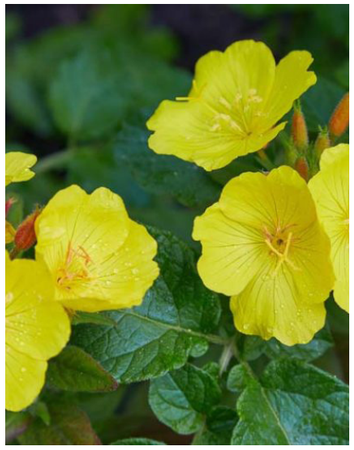

Ajuga reptans

3.3.3 Materials Palette

Soft Landscape Palette

Night Scented Planting

Oenothera biennis
Silene noctiflora
Matthiola bicornis
Silene nutans
Sapnoria officinalis
Hesperis matronalis
Nicotiana alata


Oenothera biennis


Silene noctiflora


Matthiola bicornis


Silene nutans


Sapnoria officinalis


Hesperis matronalis


Nicotiana alata

3.3.4 Materials Palette

Soft Landscape Palette

Native/Naturalised Hedgerow

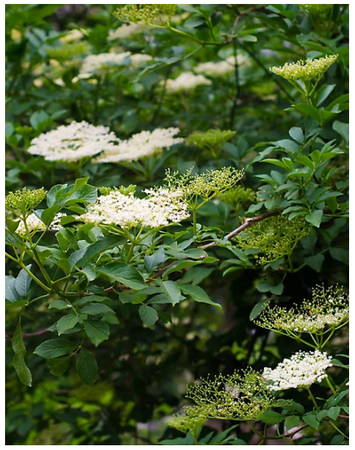
Crataegus monogyna
Prunus spinosa
Sambucus nigra
Hedera helix
Sorbus aucuparia
Ilex aquifolium
Prunus padus
Malus sylvestris
Crataegus monogyna (Irish Provenance)



Crataegus monogyna



Prunus spinosa



Sambucus nigra



Hedera helix



Sorbus aucuparia



Ilex aquifolium



Malus sylvestris

3.3.5 Materials Palette

Soft Landscape Palette

Combined Grass & Wildfower Planting

Grasses:

Agrotis stolonifera (Creeping Bent)
Festuca pratensis (Meadow Fescue)
Festuca rubra (Festuca)
Phleum pratense (Timothy)

Wildflowers:

Galium verum (Lady's Bedstraw)
Ajuga reptans (Bugle)
Ranunculus acris (Meadow Buttercup)
Chamaemelum nobile (Wild Chamomile)
Trifolium pratense (Red Clover)
Primula veris (Cowslip)
Leucanthmeum vulgare (Oxeye Daisy)
Leontodon saxatilis (Smooth Hawksbit)
Plantago lanceolata (Ribwort Plantain)
Briza media (Quaking Grass)
Prunella vulgaris (Selfheal)
Rumex acetosa (Sorrel)
Lotus corniculatus (Birdsfoot Trefoil)
Achilliea millefolium (Yarrow)
Anthyllis vulneraria (Kidney Vetch)


Agrotis stolonifera


Festuca pratensis


Festuca rubra


Phleum pratense



Galium verum


Ajuga reptans


Ranunculus acris


Chamaemelum nobile

3.3.5 Materials Palette

Soft Landscape Palette

Woodland Planting

Sub-Tree Layer:

Corylus avellana
Crataegus monogyna (Irish Provenance)
Ilex aquifolium
Prunus avium

Shrub Layer:

Euonymus europaeus
Prunus spinosa
Viburnum opulus
Rosa canina


Corylus avellana


Crataegus monogyna


Ilex aquifolium


Prunus avium


Euonymus europaeu


Prunus spinosa



Viburnum opulus


Rosa canina

3.3.6 Materials Palette

Soft Landscape Palette

Wildflower Meadow

Alexanders
Bladder Campion
Burdock
Common Vetch
Corn Marigold
Corn Poppy
Corncockle
Cornflower
Field Scabious
Foxglove
Greater Trefoil
Hedge Garlic Mustard
Hemp Agrimony
Cow-Parsley
Lesser Knapweed
Opium Poppy
Ox-eye Daisy
Meadowsweet
Scented Mayweed
Mullein
Purple Loosestrife
Red Campion
St Johnswort
Sorrel, Teasel
Upright Hedge Parsley
Weld -Yellow weed
Wild Angelica
Wild Carrot
Yarrow
Yellow Flag Iris
Mugwort,
Pokeweed,
White Bedstraw.
Yellow Agrimony


Alexanders


Corn Marigold


Foxglove


Cow-Parsley


Mullein


Red Campion


Wild Angelica

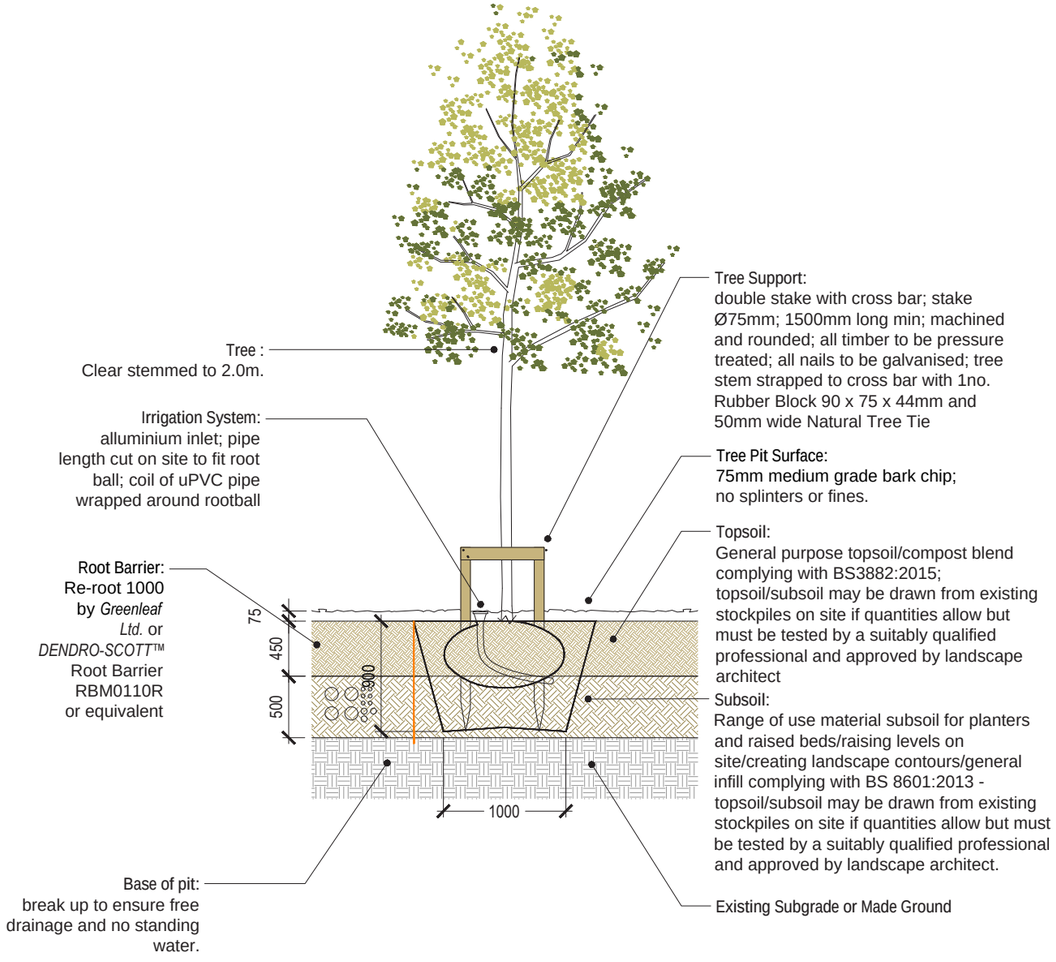

Yarrow

4.0 Landscape Details



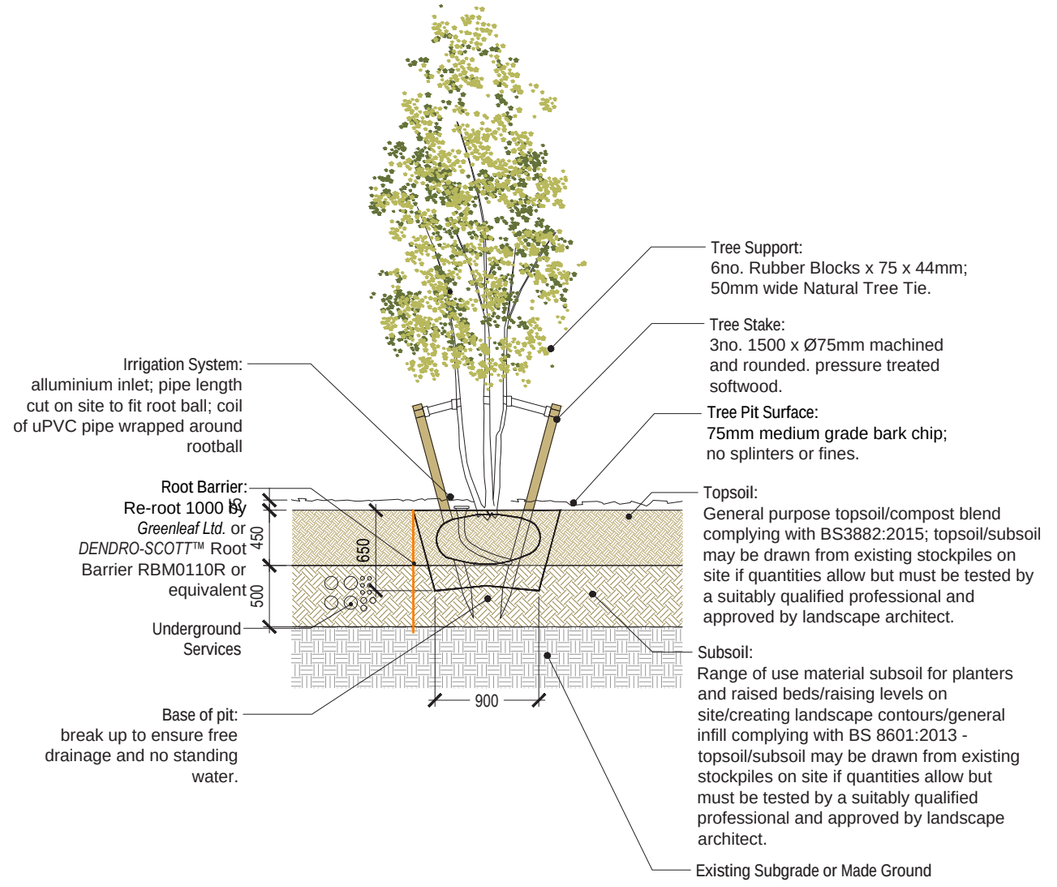
4.1 Landscape Details

Tree in Soft Landscape Details



Heavy Standard Tree Planting Detail

Scale: 1:50

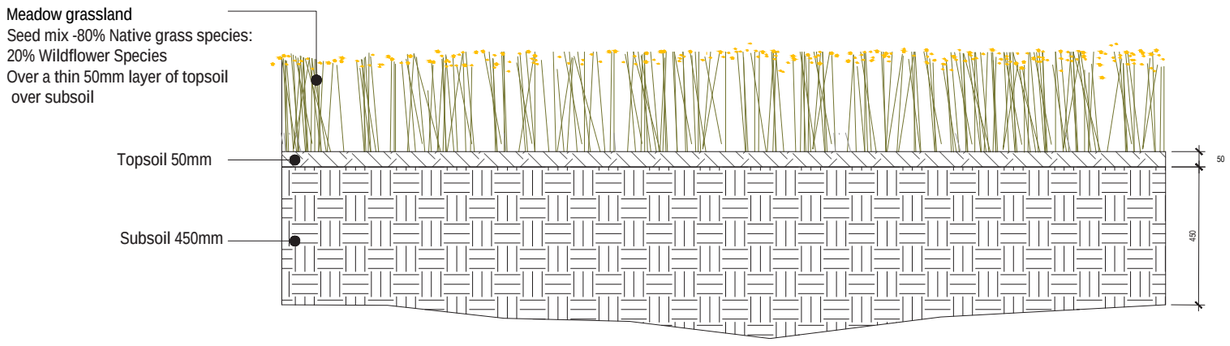


Multi-Stem Tree Planting Detail

Scale: 1:50

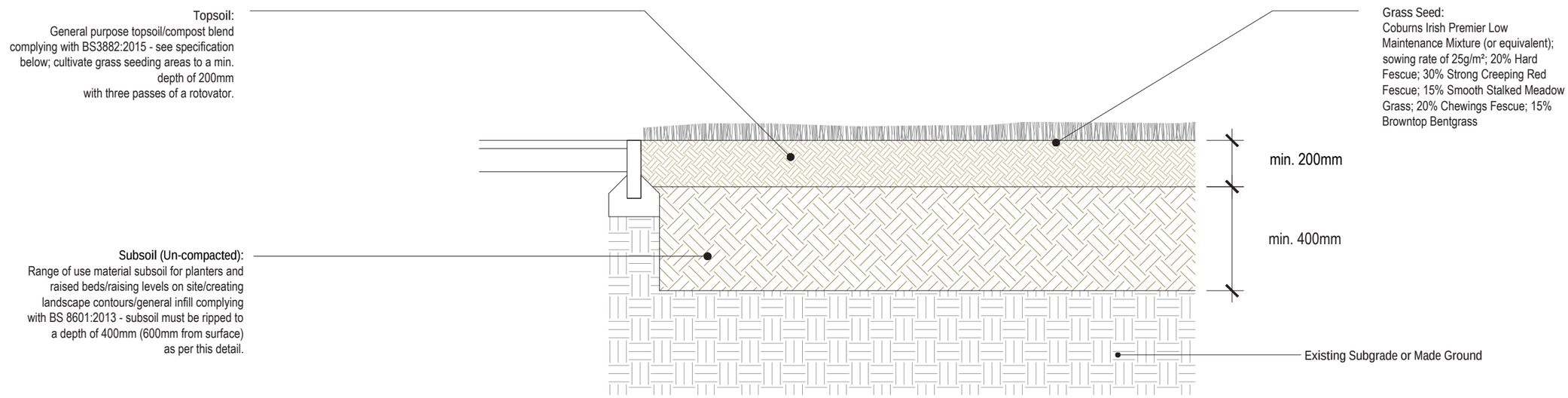
4.2.1 Landscape Details

Planting Buildups



Meadow Grassland

Scale: 1:20

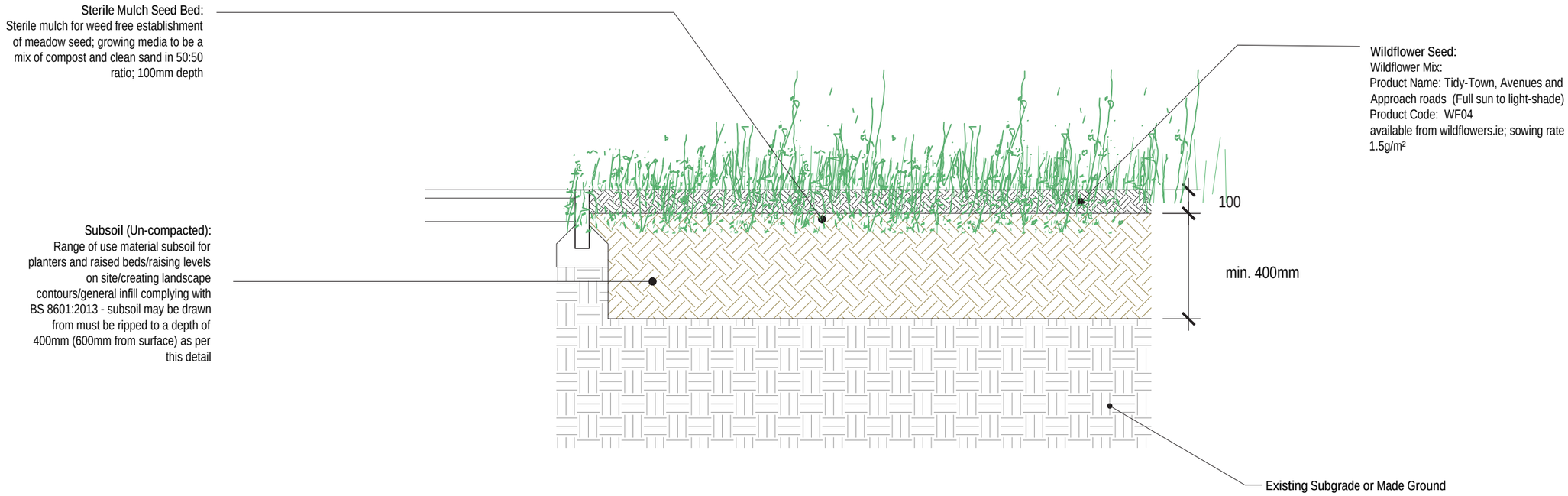


Lawn & Bulb Planting Detail

Scale: 1:20

4.2.2 Landscape Details

Planting Buildups

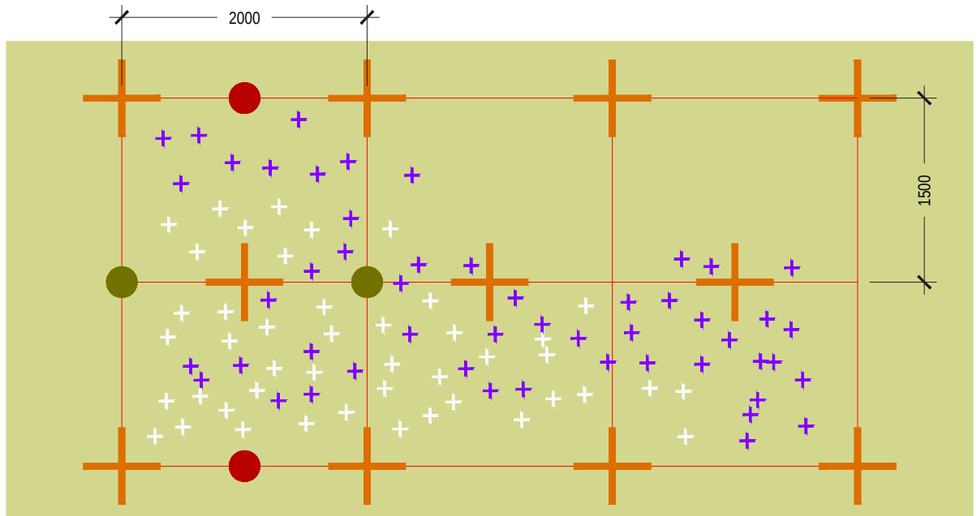


Wildflower Planting Detail

Scale: 1:20

4.3.1 Landscape Details

Setting Out Details



WOODLAND PLANTING:

Over storey and dominant species:
feathered, 1500-1800mm h., br.

Under storey and minor species, planted in clumps to the edge of woodland groups:
feathered/whips 900-1500mm h., br.

BULB PLANTING:

Bluebell	*Hyacynthoides non-scriptus,*
Wood Anemone	*Anemone nemorosa,*
Wild Garlic/Ransoms	*Allium ursinum,*

planted as bulbs, top size, 7 per sqm.

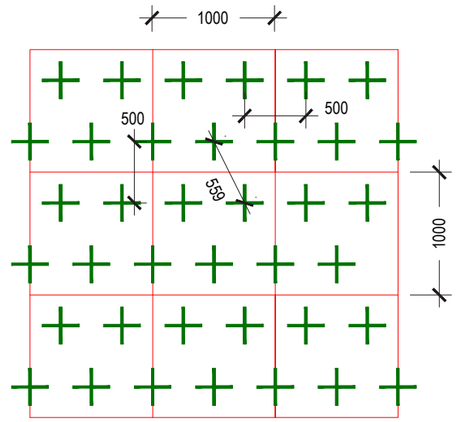
NOTES ON MANAGEMENT:

Year 1 + 2
Maintain planting beds weed free using a systemic herbicide: Glyphosate or similiar approved. 1 spray during the growing season, post May and/or when bulb foliage has died back.

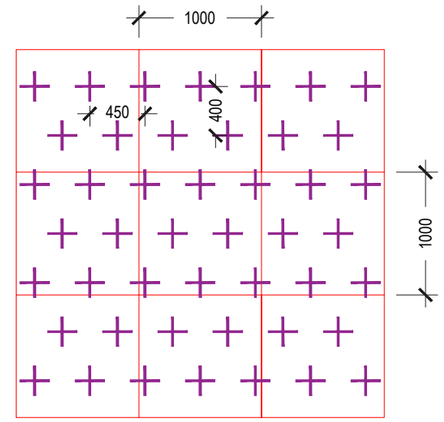
Ensure all tree stakes and ties are secure. Ensure all staked trees are upright and adjust if necessary.

Year 3
Remove all tree stakes and ties.

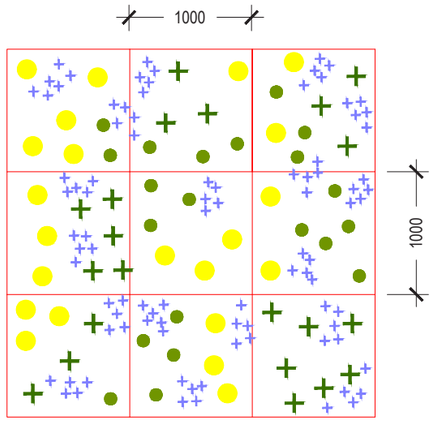
Native Woodland Planting Setting Out Detail
Scale: 1:50



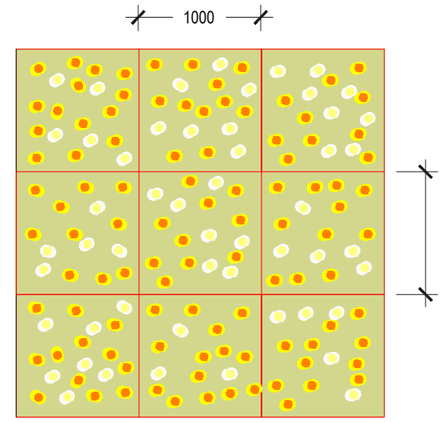
Clipped shrubs:
Density of plants typically 4 per sqm, all 2ltr cg. min.



Groundcover shrubs:
Planted at 5 per sqm, all 2ltr cg. min.



Groundcover - mix of grasses and perennials:
Density of plants typically 7 per sqm, all 2ltr cg. min.
Plants to be mixed randomly in clumps of 3-9.
Bulbs sown in clumps of 5min.



Density of bulbs typically 15-20 per sqm.

Clipped Shrubs, Groundcover, Bulbs, Grasses & Perennials Setting Out Detail
Scale: 1:50

5.0 Soft Landscape Specification



5.1 Soft Landscape Specification

Q28
Topsoil and soil ameliorants

Clauses - Not Used

System outline

115 Topsoil system for turfing and seeding

1. Description: For all grassed areas
2. Composition
   2.1. Soil: Imported topsoil to BS 3882
   2.2. Ameliorants: Sanitized and stabilized composted materials
   2.3. Accessories: None

145 Planting pit backfilling topsoil system

1. Description: For external planting beds and topsoil layer in tree pits
2. Documentation: **Provide a submittal for all topsoil systems used within the development noting the source and the chemical composition of the topsoil.**
3. Composition
   3.1. Topsoil: Imported topsoil to BS 3882
   3.2. Ameliorants: Organic materials and Sanitized and stabilized composted materials
   3.3. Accessories: None
   3.4. Sphagnum peat moss: Not permitted
   3.5. Soils from other greenfield sites: Not permitted
   3.6. Soils from farmland: Not permitted

155 Mulching and top dressing system (Medium/Fine Grade for Groundcover/Hedge Planting Areas))

1. Description: For external planting beds and tree pits
2. Composition
   2.1. Material: Fine/medium grade bark mulch
3. Manufacturer : Submit proposals

156 Mulching and top dressing system (Coarse Grade for Native Micro-Woodland Areas)

1. Description: For entire extent of Native Micro-Woodland Planting Areas
2. Composition
   2.1. Material: Coarse grade bark mulch
3. Manufacturer : Submit proposals

Products

300 Preparation materials generally

1. Purity: Free of pests and disease.
2. Foreign matter: On visual inspection, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, and the like.
3. Contamination: Do not use topsoil contaminated with subsoil, rubbish or other materials that are:
   3.1. Corrosive, explosive or flammable.
   3.2. Hazardous to human or animal life.
   3.3. Detrimental to healthy plant growth.
4. Subsoil: In areas to receive topsoil or planting media, do not use subsoil contaminated with the above materials.
5. Objectionable odour: None.
6. Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil or planting media to be imported.

310 Materials not permitted

1. Materials:
   - Peat and products containing peat
   - Soils from other greenfield sites
   - Soils from farmland

315 Imported topsoil to BS 3882 External Planting Beds

1. Description: **For external planting beds illustrated on landscape plans** (not to be used in wildflower areas)
2. Reuse: Imported soils must be reused for functions comparable to their original function.
3. Quantity: Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
   - **Minimum topsoil depth to depths shown on accompanying landscape details**
4. Standard: To BS 3882.
5. Classification: Multipurpose
6. Manufacturer: Submit proposals

315 Imported subsoil to BS 3882 External Planting Beds

1. Description: **For external planting beds illustrated on landscape plans.**
2. Reuse: Imported soils must be reused for functions comparable to their original function.
3. Quantity: Provide as necessary to make up any deficiency of subsoil existing on site and to complete the work.
   - Subsoil to depths as shown on accompanying landscape drawings
4. Standard: To BS 3882.
5. Classification: Multipurpose/General Use
6. Manufacturer: Submit proposals

346 Washed Sand

1. Description: Washed Sand FOR SITE-MADE GROWING MEDIUM for Wildflower Areas
2. Source: Submit proposals
3. Material parameters: **Purity:** Free from physical and chemical containments and pathogens.
   Grade: < 2.36mm
   Soil Texture:
   <0.1% Clay and Silt (<0.09mm)
   <1 % Very Fine Sand (0.05-0.15mm)
   <2% Fine Sand (0.15-0.25mm)
   <7% Medium Sand (0.25-0.5mm)
   40% Coarse Sand (0.50-1.0mm)
   30% Very Course Sand (1.0-2.0mm)

5.2 Soft Landscape Specification

pH Value: 6
Electrical Conductivity: 20 - 30 µS/cm

360 Sanitized and stabilized composted materials certified to PAS 100

1. Description: FOR SITE-MADE GROWING MEDIUM for Wildflower Areas **AND** for contingency supplement to be mixed on top layer of topsoil if topsoil on-site is poor quality.
2. Standard: In accordance with PAS 100 and Manufactured to the Irish Standards I.S.441
3. Source: Submit proposals
4. Description: Soil amendment to enhance and improve the physical chemical and biological properties of soil prior to planting, creating optimum conditions for plant growth. Can be mixed with soil before use or used for topdressing and 'no-dig' applications. Can be used as border mulch to suppress weeds. Not suitable for ericaceous plants.
5. Horticultural parameters:
    - Purity Sustainable free from viable weed seeds and pathogens.
    - Size Distribution 95% pass through 15mm screen. 90% pass through 10mm screen.
    - Conductivity (CaSO4 Extraction)
    - Conductivity (Water Extraction) <3500 µS/cm <600 µS/cm
    - Total Nutrient Values Enrich Avg.
    - Total Nitrogen 1 – 2.5 %w/w
    - Total Phosphorous 1,500 – 4,000 mg/kg
    - Total Potassium 6,000 – 15,000 mg/kg
    - Total Magnesium 3,000 – 5,500 mg/kg
    - Total Calcium 3 – 6 %w/w
    - Organic Matter (LOI) 30 – 60 %w/w
    - pH Value 7.0-8.5
    - Carbon : Nitrogen Ratio <20 : 1
    - Bulk Density 350 – 600 g/L
    - 100% Peat-free compost. Certified Organic by the Irish Organic Association.
6. Samples: Provide sample if alternative product is used as well as details of recent chemical and physical analysis before ordering.

Execution

610 Topsoil analysis

1. Soil to be analysed: Imported topsoil
2. Soil analyst: Submit proposals
3. Samples: Collect in accordance with BS 3882.
4. Submit
    4.1. Declaration of analysis: In accordance with BS 3882, clause 6 and Table 1.
    4.2. Additional analysis: Not required
    4.3. Report detailing soil analyst's recommendations.

620 Importing topsoil

1. Give notice: Before stripping topsoil for transfer to site.
    1.1. Notice period: 7 days

625 Sample loads

1. Description: For imported topsoil
2. Deliver to site a sample load: of 5 kg
    3.1. Corrosive, explosive or flammable.
    3.2. Hazardous to human or animal life.
    3.3. Detrimental to healthy plant growth.
4. Subsoil: In areas to receive topsoil or planting media, do not use subsoil contaminated with the above materials.
5. Objectionable odour: None.
6. Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil or planting media to be imported.

310 Materials not permitted

1. Materials:
    - Peat and products containing peat
    - Soils from other greenfield sites
    - Soils from farmland

315 Imported topsoil to BS 3882 External Planting Beds

1. Description: **For external planting beds illustrated on landscape plans** (not to be used in wildflower areas)
2. Reuse: Imported soils must be reused for functions comparable to their original function.
3. Quantity: Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
    - **Minimum topsoil depth to depths shown on accompanying landscape details**
4. Standard: To BS 3882.
5. Classification: Multipurpose
6. Manufacturer: Submit proposals

315 Imported subsoil to BS 3882 External Planting Beds

1. Description: **For external planting beds illustrated on landscape plans.**
2. Reuse: Imported soils must be reused for functions comparable to their original function.
3. Quantity: Provide as necessary to make up any deficiency of subsoil existing on site and to complete the work.
    - Subsoil to depths as shown on accompanying landscape drawings
4. Standard: To BS 3882.
5. Classification: Multipurpose/General Use
6. Manufacturer: Submit proposals

346 Washed Sand

1. Description: Washed Sand FOR SITE-MADE GROWING MEDIUM for Wildflower Areas
2. Source: Submit proposals
3. Material parameters: **Purity:** Free from physical and chemical containments and pathogens.
Grade: < 2.36mm
Soil Texture:
<0.1% Clay and Silt (<0.09mm)
<1 % Very Fine Sand (0.05-0.15mm)
<2% Fine Sand (0.15-0.25mm)
<7% Medium Sand (0.25-0.5mm)
40% Coarse Sand (0.50-1.0mm)
30% Very Course Sand (1.0-2.0mm)

5.3 Soft Landscape Specification

660 Grading subsoil for:

1. Description: AMENITY PLANTING AREAS
2. Standard: In accordance with BS 8601.
3. General: Grade to smooth flowing contours to achieve specified finished levels of topsoil.
4. Areas of thicker topsoil: Excavate locally.
5. Avoid compaction.
6. Excess subsoil: Remove.

665 Subsoil surface preparation for:

1. Description: AMENITY PLANTING AREAS
2. Standard: In accordance with BS 3882.
3. General: Excavate and/ or place fill to required profiles and levels, as section D20.
4. Loosening
   - 4.1. When ground conditions are sufficiently dry to allow breaking up of soils, loosen thoroughly to specified depth
     - 4.1.1. Light and noncohesive subsoils: 300 mm
     - 4.1.2. Stiff clay and cohesive subsoils: 600 mm
     - 4.1.3. Rock and chalk subgrades: Lightly scarify to promote free drainage.
   - 4.2. Wet conditions: Do not loosen subsoils.
5. Stones: Immediately before spreading topsoil, remove stones larger than 50 mm.
6. Remove from site: Arisings, contaminants and debris and Builders rubble

670 Inspecting formations

1. Give notice: Before spreading topsoil for areas to receive landscape planting.
2. Notice period: 7 days

675 Preparation of undisturbed topsoil

1. Standard: In accordance with BS 4428.
   - 1.1. Grading and cultivation: To suit cultivation operations specified in Q30
2. Hard ground: Break up thoroughly.
3. Clearing: Remove visible roots and large stones with a diameter greater than 50 mm.
4. Areas covered with turf or thick sward: Plough or dig over to full depth of topsoil.
5. Fallow period (minimum): Two months
   - 5.1. Weed control: At appropriate times treat with a suitable translocated nonresidual herbicide.

680 Surplus topsoil to be retained

1. Generally: Spread and level on site:
   - 1.1. Locations: As directed by Landscape Architect
   - 1.2. Protected areas: Do not raise soil level within root spread of trees that are to be retained.

685 Surplus materials to be removed

1. Topsoil removal from site: Topsoil remaining after completion of all landscaping work
2. Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

690 Topsoil storage heaps

1. Location: Contractor's choice
2. Height (maximum): 1.0 m
3. Width (maximum): 2.0 m
   - 3.1. Formation: Loose tip and shape from the side only, without running machinery on the heap at any time.
4. Protection
   - 4.1. Do not place any other material on top of storage heaps.
   - 4.2. Do not allow construction plant to pass over storage heaps.
   - 4.3. Prevent compaction and contamination, by fencing and covering as appropriate.

700 Grading of topsoil

1. Topsoil condition: Reasonably dry and workable.
2. Contours: Smooth and flowing, with falls for adequate drainage.
   - 2.1. Hollows and ridges: Not permitted.
3. Give notice: If required levels cannot be achieved by movement of existing soil.

705 Handling topsoil

1. Standard: In accordance with BS 3882.
2. Aggressive weeds: Give notice and obtain instructions before moving topsoil.
3. Plant: Select and use plant to minimize disturbance, trafficking and compaction.
4. Contamination: Do not mix topsoil with:
   - 4.1. Subsoil, stone, hardcore, rubbish or material from demolition work.
   - 4.2. Other grades of topsoil.
5. Multiple handling: Keep to a minimum. Use or stockpile topsoil immediately after stripping.
6. Wet conditions: Handle topsoil in the driest condition possible. Do not handle during or after heavy rainfall or when it is wetter than the plastic limit: less 3%, to BS 1377-2

710 Spreading topsoil on:

1. Description: Grassed areas
2. Standard: In accordance with BS 3882.
3. Temporary roads/ surfacing: Remove before spreading topsoil.
4. Layers
   - 4.1. Depth (maximum): 100mm.
   - 4.2. Gently firm each layer before spreading the next.
5. Depth after firming and settlement: 200mm
   - 5.1. Surface finish: Create a firm 'seed bed' and rake to achieve a 2-3mm layer of crumbly worked soil across the surface
6. Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.

710A Spreading topsoil on

1. Description: Shrub & perennial planting beds
2. Standard: In accordance with BS 3882.
3. Temporary roads/ surfacing: Remove before spreading topsoil.
4. Layers

5.4 Soft Landscape Specification

4.1. Depth (maximum): 150 mm.

4.2. Gently firm each layer before spreading the next.

5. Depth after firming and settlement: 450mm
6. Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.

710B Spreading topsoil on

1. Description: Tree pits
2. Standard: In accordance with BS 3882.
3. Temporary roads/ surfacing: Remove before spreading topsoil.
4. Layers
   4.1. Depth (maximum): 150 mm.
   4.2. Gently firm each layer before spreading the next.
5. Depth after firming and settlement: As per accompanying soft landscape drawings.
6. Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.

710C Spreading sterile mulch on:

1. Description: WILDFLOWER AREAS
2. Standard: In accordance with BS 3882.
3. Temporary roads/ surfacing: Remove before spreading topsoil.
4. Layers
   4.1. Depth (maximum): 50mm
   4.2. Gently firm each layer before spreading the next.
5. Depth after firming and settlement: 100mm
   5.1. Surface finish: Create a firm 'seed bed' and rake to achieve a 2-3mm layer of crumbly worked soil across the surface
6. Crumb structure: Do not compact topsoil. Preserve a friable texture of separate visible crumbs wherever possible.

715 Loose tipping of topsoil

1. Standard: In accordance with BS 3882.
2. General: Do not firm, consolidate or compact topsoil when laying. Tip and grade to approximate levels in one operation with minimum of trafficking by plant.

718 Final cultivation

1. Description: For grass seeding & external planting generally
2. Compacted topsoil: Break up to full depth.
3. Tilth: Loosen, aerate and break up topsoil to a tilth suitable for blade grading.
4. Depth: As appropriate for specific planting bed
5. Particle size (maximum): 15 mm
6. Timing: After grading and fertilizing, and within a few days before seeding
7. Weather and ground conditions: Suitably dry.
8. Surface: Leave regular and even.
9. Levels: 25 mm above adjoining paving or kerbs
10. Undesirable material brought to the surface

10.1. Remove visible weeds.

10.2. Remove roots and large stones with any dimension exceeding 50 mm.

720 Finished levels of topsoil after settlement

1. In relation to adjoining paving, kerbs or hard surfaces: 25 mm above
2. In relation to dpc of adjoining buildings: Not less than 150 mm below.
3. In relation to adjacent grass areas: 50 mm above
4. Seeded areas: Extend cultivation into existing adjacent grassed areas sufficient to ensure full marrying in of levels.
5. Sportsfields: To even levels and within the following permitted deviations:
   5.1. From levels or gradients shown on drawings: ±75 mm.
   5.2. From line between boning rods 30 m apart: ±25 mm.
6. Within root spread of existing trees and shrubs to be retained: Do not dig or cultivate.
7. Adjoining soil areas: Marry in.
8. Thickness of turf or mulch: Included.

755 Site-made growing media

1. Description: **Sterile Mulch Seed Bed** for weed free establishment of meadow seed in wildflower areas; growing media to be a mix of compost and clean sand in 50:50 ratio
2. Quantity: As outlined in accompanying landscape Bill of Quantities and illustrated on accompanying landscape plans and details
   - 100mm depth
3. Composition
   3.1. Base material: Compost (50%)*

   ***As per Q28/360** Sanitized and stabilized composted materials certified to PAS 100

   3.2. Additional materials: Washed Sand (50%)*

   ***As per Q28/346** Washed Sand

   3.3. Mixing Sequence :
      1. Alternate layers of compost and sand until you have used up your supply of both mediums.
      2. Mix the layers together until the mix is blended thoroughly.

810 Applying compost

1. Description: To imported or site sourced topsoil for external planting
2. Application rate for Native Micro-Woodland areas: 100mm depth
   2.1. Timing:: Apply prior to cultivation.
3. Application rate for trees and shrubs: 75mm depth
   3.1. Timing: Apply prior to cultivation.
4. Application rate for grass: 25 mm depth
   4.1. Timing: Apply prior to cultivation.
5. Other requirements: Submit 5kg sample before ordering if alternative product/source is specified

845 Applying loose mulch

1. Description: For planting beds and tree pits in soft landscaping
2. Timing: Immediately after planting

3. Preparation: Water soil thoroughly*

   *for **Native Micro-Woodland** areas water the soil **after mulch has been applied** and ensure soil is watered to a **full depth of 1.0m**
4. Coverage of mulch (minimum)
   4.1. Native Micro-Woodland Areas: 125mm depth
   4.2. Planting beds (depth): 75 mm depth
   4.3. Trees: 75 mm depth

Completion

920 Applying mulch

1. Timing: At end of the rectification period
2. Watering: Ensure that soil is thoroughly moistened prior to mulching, applying water where necessary*

   *for Native Micro-Woodland areas water the soil after mulch has been applied and ensure soil is watered to a full depth of 1.0m
3. Planting beds: Re-mulch.
   3.1. Depth (minimum): 75mm
4. Trees: Re-mulch..
   4.1. Depth (minimum): 75mm
5. Native Micro-Woodland Areas: Re-mulch.
   5.1. Depth (minimum):: 125mm

Ω End of Section

Q30
Seeding/ turfing

General information/requirements

115 Seeded and turfed areas

1. Growth and development: Healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.
2. Appearance: A closely knit, continuous ground cover of even density, height and colour.

120 Climatic conditions

1. General: Carry out the work while soil and weather conditions are suitable.

145 Watering

1. Quantity: Wet full depth of topsoil.
2. Application: Even and without displacing seed, seedlings or soil.
3. Frequency: As necessary to ensure the establishment and continued thriving of all seeding/turfing

146 Watering

1. Quantity: Wet full depth of topsoil.
2. Application: Even and without displacing seed, seedlings or soil.
3. Frequency: When instructed

150 Water restrictions

1. Timing: If water supply is or is likely to be restricted by emergency legislation do not carry out seeding/turfing until instructed. If seeding/turfing has been carried out, obtain instructions on watering.

160 Notice

1. Give notice before
   1.1. Setting out.
   1.2. Applying herbicide.
   1.3. Applying fertilizer.
   1.4. Preparing seed bed.
   1.5. Seeding or turfing.
   1.6. Visiting site during maintenance period.
2. Period of notice: 1 week

170 Setting out

1. Boundaries: Mark clearly.
2. Delineation: In straight lines or smoothly flowing curves as shown on drawings.

Preparation

212 Seed bed cleaning before sowing

1. Description: ALL GRASSED AREAS
2. Operations: Remove weeds by hand weeding and hoeing.

5.6 Soft Landscape Specification

250 Soil requirements

1. Type
    1.1. Seeded areas: Existing topsoil or Soil for grass swards, as section Q28

Seeding

310 Grass seed

1. Description: To all lawn areas illustrated on accompanying landscape plans
2. Mixture: As per accompanying landscape specification and accompanying landscape plans
3. Application rate: 30–35 g/m²

312 Wildflower seed mixture

1. Description: FOR WILDFLOWER MEADOWS
2. Supplier: Submit proposals
3. Application rate: 1.5 g/m² or supplier's recommendations if different

320 Quality of seed

1. Description: FOR ALL GRASSED AREAS
2. Freshness: Produced for the current growing season.
3. Certification: Blue label certified varieties.
    3.1. Standard: EC purity and germination regulations and Department for Environment, Food and Rural Affairs Higher Voluntary Standard.
    3.2. Official Seed Testing Station certificate of germination, purity and composition: Submit when requested.
4. Samples of mixtures: Submit when requested.

322 Quality of wildflower seed

1. Description: FOR WILDFLOWER MEADOWS
2. Standard: In accordance with Flora Locale's 'Code of practice for collectors, growers and suppliers of native flora'.
3. Freshness of seed: Produced for the current growing season or submit germination test certification no greater than 2 years old
4. Samples: Submit when requested.

330 Sowing

1. General: Establish good seed contact with the root zone.
2. Method: Manually broadcast, raked and rolled to suit soil type, proposed usage, location and weather conditions during and after sowing
    2.1. Distribution: 2 equal sowings at right angles to each other

335 Grass sowing season

1. Grass seed generally: April to October

336 Wildflower sowing season

1. Wildflower seed generally: March to May or August to October

Turfing - Not Used

Protecting/cutting

530 First cut of grassed areas

1. Timing: When grass is reasonably dry.
    1.1. Height of initial growth: 75 mm
2. Preparation
    2.1. Debris and litter: Remove.
    2.2. Stones and earth clods larger than 25 mm in any dimension: Remove
3. Height of first cut: 50 mm
4. Mower type: Contractor's choice
5. Arisings: Remove from site

565 Timber/ plastics edgings

1. Material: Softwood board
    1.1. Size: 150 mm x 38 mm.
2. Fixings: Nailed.
    2.1. Pegs: 50 mm x 50 mm x 450 mm long.
    2.2. Centres: 1200 mm.
    2.3. Installation height: Flush
3. Curved boards: Closely spaced vertical grooves cut in the back to achieve smooth flowing lines.
4. Preservative treatment: As section Z12 and Wood Protection Association commodity specification C4.
    4.1. Type: Alkaline Copper Quaternary (ACQ)/ Copper Azole (CuAz)

590 Cleanliness

1. Soil and arisings: Remove from hard surfaces.
2. General: Leave the works in a clean, tidy condition at Completion and after any maintenance operations.

Maintenance

610 Failures of seeding/ turfing

1. Duration: Carry out the following operations from completion of seeding/ turfing until: end of maintenance period.
2. Defective materials or workmanship: Areas that have failed to thrive.
    2.1. Exclusions: Theft or malicious damage.
3. Method of making good: Recultivation and reseeding/ returfing.
4. Timing of making good: The next suitable planting season

620 Maintaining

1. Description: GRASS AREAS
2. Duration: Carry out the following operations from completion of seeding/ turfing until: end of maintenance period.
3. Maximum height of growth at any time: 50 mm
4. Preparation: Before each cut remove all litter and debris.

5. Cutting: As and when necessary to a height of 50 mm.
   5.1. Arisings: Remove
6. Bulb planting areas: Do not cut until bulb foliage has died down.
7. Trimming: All edges.
   7.1. Arisings: Remove.
8. Weed control: Substantially free of broad leaved weeds.
   8.1. Method: Application of a suitable selective herbicide.
9. Stones brought to the surface: Remove regularly.
   9.1. Size: Exceeding 25 mm in any dimension.
10. Areas of settlement: Make good.
11. Watering: When instructed

650 Maintaining grassed areas with perennial wildflowers

1. Duration: Carry out the following operations from completion of seeding/ turfing until: the end of the rectification period.
2. Preparation: Before each cut remove all litter and debris.
3. Cutting: Cut once in spring

   OR

   Cut in June to control rank grasses just as the first flush of flower finishes flowering

   OR

   Cut at the end of summer in Autumn if grasses are well behaved

   Remove and dispose of all arisings in recycling facility
4. Trimming: All edges.
   4.1. Arisings: Remove and dispose of all arisings in recycling facility.
5. Watering: When instructed

Ω End of Section

Q31
External planting

General information/ requirements

112 Site clearance generally

1. General: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.
2. Stones: Remove those with any dimension exceeding 75 mm.
3. Contamination: Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
4. Vegetation: Clear scrub to ground level by flail mowing and remove arisings
5. Large roots: Grub up and dispose of without undue disturbance of soil and adjacent areas.

118 Soil conditions

1. Soil for cultivating and planting: Moist, friable and (except in aquatic/ marginal planting) not waterlogged.
2. Frozen or snow covered soil: Give notice before planting. Provide additional root protection. Prevent planting pit sides and bases and backfill materials from freezing.

120 Climatic conditions

1. General: Carry out the work while soil and weather conditions are suitable.
   1.1. Strong winds: Do not plant.

125 Times of year for planting

1. Deciduous trees and shrubs: Late October to late March.
2. Conifers and evergreens: September/ October or April/ May.
3. Herbaceous plants (including marginal): September/ October or March/ April.
4. Container grown plants: At any time if ground and weather conditions are favourable.
   4.1. Watering and weed control: Provide as necessary.
5. Dried bulbs, corms and tubers: September/ October.
6. Colchicum (crocus): July/ August.
7. Green bulbs: After flowering in spring.

130 Mechanical tools

1. Restrictions: Do not use within 100 mm of tree and plant stems. No tamping/compacting equipment to be used within 300mm of tree stems.

145 Watering (General)

1. Quantity: Wet full depth of topsoil.
2. Application: Even and without damaging or displacing plants or soil.
3. Frequency: As necessary to ensure establishment and continued thriving of planting.

150 Water restrictions

1. General: If water supply is or is likely to be restricted by emergency legislation, do not carry out planting until instructed. If planting has been carried out, obtain instructions on watering.

5.8 Soft Landscape Specification

160 Notice

1. Give notice before
   1.1. Setting out.
   1.2. Applying herbicide.
   1.3. Applying fertilizer.
   1.4. Delivery of plants/ trees.
   1.5. Planting shrubs.
   1.6. Planting trees into previously dug pits.
   1.7. Watering.
   1.8. Visiting site during maintenance period.
2. Period of notice: One week

170 Soil requirements

1. Type
   1.1. Planted beds: Existing topsoil/ Planting bed soil system, as section Q28
   1.2. Tree pits, shrub pits and other backfilling: Existing topsoil/ Plant pit backfilling soil system, as section Q28
   1.3. Mulch applied after planting: Mulching and top dressing system, as section Q28

200 Plants/ Trees – general

1. Condition: Materially undamaged, sturdy, healthy and vigorous.
2. Appearance: Of good shape and without elongated shoots.
3. Hardiness: Grown in a suitable environment and hardened off.
4. Health: Free from pests, diseases, discoloration, weeds and physiological disorders.
5. Budded or grafted plants: Bottom worked.
6. Root system and condition: Balanced with branch system.
   6.1. Standard: The relevant parts of BS 3936
7. Species: True to name.
8. Origin/ Provenance: Local provenance where applicable.

215 Plants/ Trees – specification criteria

1. Name, forms, dimensions, provenance and other criteria: As scheduled in planting schedule and on landscape plans

216 Plants/ Trees – specification criteria

1. Name, forms, dimensions and other criteria: To the relevant part of BS 3936.

225 Bulbs/ Corms/ Tubers

1. Condition: Firm, entire, not dried out or shrivelled.
2. Health: Free from pests, diseases and fungus.
3. Handling: Remove from packaging immediately.
4. Storage: Permitted only when necessary.
   4.1. Location: Well ventilated, dark, covered, rodent proof container, away from exhausts and fruit.
   4.2. Duration: Minimum period.
   4.3. Temperature: 18-21°C.

235 Container grown plants/ Trees

1. Growing medium: With adequate nutrients for plants to thrive until permanently planted.
2. Plants: Centred in containers, firmed and well watered.
3. Root growth: Substantially filling containers, but not root bound, and in a condition conducive to successful transplanting.
4. Hardiness: Grown in the open for at least two months before being supplied.
5. Containers: With holes adequate for drainage when placed on any substrate commonly used under irrigation systems.

245 Labelling and information

1. General: Provide each plant/ tree or group of plants/ trees of a single species or cultivar with supplier's labelling for delivery to site, showing:
   1.1. Full botanical name.
   1.2. Total number.
   1.3. Number of bundles.
   1.4. Part bundles.
   1.5. Supplier's name.
   1.6. Employer's name and project reference.
   1.7. Plant specification, in accordance with scheduled National Plant Specification categories.

246 Labelling and information

1. Standard: To BS 3936.

255 Plants/ Trees reserved at supplier’s premises

1. Types/ Species: As plant schedule and landscape plans
2. Predelivery inspection: Give notice.
3. Labelling: Identify inspected plants/ trees as reserved for use on this project.

260 Plant/ Tree substitution

1. Plants/ trees unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating:
   1.1. Price.
   1.2. Difference from specified plants/ trees.
2. Approval: Obtain before making any substitution.

265 Plant handling, storage transport and planting

1. Standard: To CPSE 'Handling and establishing landscape plants'.
2. Frost: Protect plants from frost.
3. Handling: Handle plants with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle.
4. Packaging of bulk quantities: Pallets or bins sealed with polyethylene and shrink wrapped
5. Planting: Upright or well balanced with best side to front.

280 Treatment of tree wounds

1. Cutting: Keep wounds as small as possible.
   1.1. Cut cleanly back to sound wood using sharp, clean tools.
   1.2. Leave branch collars. Do not cut flush with stem or trunk.

1.3. Set cuts so that water will not collect on cut area.
2. Fungicide/ Sealant: Do not apply unless instructed.

285 Protection of existing grass

1. General: Protect areas affected by planting operations using boards/ tarpaulins.
   1.1. Excavated or imported material: Do not place directly on grass.
   1.2. Duration: Minimum period.

290 Surplus material

1. Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

Plant containers - Not Used

Preparation of planting beds/ planting materials

305 Weed control

1. Description: FOR INVASIVE NON-NATIVE WEEDS
2. Locations: All planting areas
3. General: Prevent weeds from seeding and perennial weeds from becoming established, by hand weeding.

Planting shrubs/ herbaceous plants/ bulbs

400 Random plant layout

1. Description: TO ALL BEDS
2. Spacing: Random groups of 3-11 plants of the same species.
3. Density: As plant schedule and landscape plans.

415 Antidesiccant for conifers/ Evergreens

1. Manufacturer: Submit proposals
   1.1. Product reference: Submit proposals
2. Application: Dip before delivering to site. Spray soon after planting.
   2.1. Do not apply in wet or frosty weather.
   2.2. Ensure full coverage of underside of foliage.

445 Planting bulbs/ Corms/ Tubers

1. Depth: Top of bulb/ corm/ tuber at a depth of approximately twice its height, base in contact with bottom of hole.
2. Backfilling: Finely broken soil. Lightly firm to existing ground level.
3. Naturalized planting in existing grassed areas
   3.1. Scattering: As per accompanying landscape plans and details.
   3.2. Planting: Neatly remove a plug of turf and replace after planting.

471 Naturalized hedges

1. Planting: In trenches large enough to take full spread of roots. Set out plants evenly.

472 Fencing support for new hedges

1. Type: As per accompanying soft landscape drawings.
2. Timing: Before planting hedge.
3. Support: Lightly secure hedge plants to fence wires at appropriate intervals.

480 After planting

1. Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
2. Firming: Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.
3. Top dressing: Mulching and top dressing system, as section Q28
   3.1. Depth: As shown on accompanying landscape details.

Planting trees

500 Tree planting

1. Standard: Prepare trees and transplant in accordance with BS 8545 and BS 4428

502 Antidesiccant for conifers/ Evergreens

1. Manufacturer: Submit proposals
   1.1. Product reference: Submit proposals
2. Application: Dip or thoroughly spray before delivering to site. Spray again soon after planting.
   2.1. Do not apply in wet or frosty weather.
   2.2. Ensure full coverage of underside of foliage.

505 Tree pits Type A

1. Sizes: As per accompanying landscape details.
   - Tree pit to be minimum 75 mm wider than the root spread
2. Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
3. Excavated material: Separate topsoil and subsoil material and stockpile for backfilling.
4. Backfilling material: Tree backfilling material, as section Q28
5. Installation: Plant trees in standard tree pits as per accompanying landscape plans and details.

   1. Excavate hole for root ball, place tree in pit and secure trees with tree anchoring system as per manufacturer's instructions

   2. Install root ball pipe irrigation system; irrigation system comprises 60mm (minimum) diameter perforated uPVC wrapped around root ball with access via plastic inlet above soil level; as per accompanying landscape drawings.

   3. Backfill tree pit with growing medium; growing medium as per Soft Landscape Specification

   4. Finish as appropriate and illustrated by accompanying landscape plans and details, i.e., grass seed and plant bulbs, hedge planting, native micro-woodland planting, mulch etc.

512 Tree pit irrigation and ventilation accessories

1. Locations: To all tree pits
2. Manufacturer: Submit proposals

2.1. Product reference: Submit proposals
3. Type: Perforated plastics irrigation pipe with inlet
4. Pipe diameter: 100 mm
5. Ring diameter: 900 mm **OR** to fit around root ball of tree (whichever is greater)
6. Inlet: Black plastics, with cap
7. Installation
   7.1. Pipe: Lay in loop above root ball with slight fall away from inlet pipe. Trim length to ensure a close fit in the tree pit. Connect both ends of pipe securely into plastics tee junction on inlet.
   7.2. Top cap of inlet: Protruding slightly above finished surround level.
   7.3. Backfill material: Carefully compact in layers.

535 Tree stakes

1. Stakes: Softwood, peeled chestnut, larch or oak, straight, free from projections and large or edge knots and with pointed lower end.
   1.1. Preservative treatment: As per accompanying soft landscape drawings.
2. Stake size (minimum): As per accompanying soft landscape drawings.
3. Stake length (minimum): As per accompanying soft landscape drawings.

540 Single angled staking for

1. Description: As per accompanying soft landscape drawings.
2. Staking
   2.1. Position: Close to tree position on windward or upslope side.
   2.2. Tying position: Approximately one third of the height of the clear stem of the tree to be planted.
   2.3. Driving: At an angle of 45° away from the tree position and at least 300 mm into bottom of pit before planting.
   2.4. Backfilling: Consolidate material around stake.
   2.5. Firming: Sufficiently firm to prevent movement of the rootball/ rootstock.
   2.6. Excess length: Cut off 200 mm above tree support position.
3. Ties: As per accompanying soft landscape drawings.
   3.1. Number of ties: As per accompanying soft landscape drawings.
4. Tying: Secure tree firmly but not rigidly to stake. Prevent tree from touching stake using spacer blocks or cushions if required.
5. Nails: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads.

546 Single vertical staking for

1. Description: As per accompanying soft landscape drawings.
2. Staking
   2.1. Position: Close to tree position on windward side.
   2.2. Driving: Vertically at least 300 mm into bottom of pit before planting.
   2.3. Backfilling: Consolidate material around stake.
   2.4. Firming: Sufficiently firm to prevent movement of the rootball/ rootstock.
3. Height of stakes: As per accompanying soft landscape drawings.
4. Ties: As per accompanying soft landscape drawings.
   4.1. Number of ties: As per accompanying soft landscape drawings.
5. Tying: Secure tree firmly but not rigidly to stake with ties. Prevent tree from touching stake using spacer blocks or cushions if required.
   5.1. Position: Top tie within 25 mm of top of stake and additional ties equally spaced along the stake.
6. Nails: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads.

550 Double staking for

1. Description: As per accompanying soft landscape drawings.
2. Staking
   2.1. Position: Either side of tree position and perpendicular to wind direction.
   2.2. Driving: Vertically at least 300 mm into bottom of pit before planting.
   2.3. Backfilling: Consolidate material around stake.
   2.4. Firming: Sufficiently firm to prevent movement of the rootball/ rootstock.
3. Height of stakes: As per accompanying soft landscape drawings.
4. Horizontal bracing: As per accompanying soft landscape drawings.
   4.1. Fixing: As per accompanying soft landscape drawings.
5. Ties: As per accompanying soft landscape drawings.
6. Tying: As per accompanying soft landscape drawings.
7. Nails for fixing ties, belts and webbing: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads.
8. Nails for fixing cross bars: As per accompanying soft landscape drawings.

556 Triple staking for

1. Description: As per accompanying soft landscape drawings.
2. Staking
   2.1. Position: Equidistantly around the tree position.
   2.2. Driving: Vertically at least 300 mm into bottom of pit before planting.
   2.3. Backfilling: Consolidate material around stake.
   2.4. Firming: Sufficiently firm to prevent movement of the rootball/ rootstock.
3. Height of stakes: As per accompanying soft landscape drawings.
4. Horizontal bracing: As per accompanying soft landscape drawings.
5. Tying: As per accompanying soft landscape drawings.
6. Nails for fixing belts and webbing: To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads

566 Tree protection

1. Manufacturer: Submit proposals
   1.1. Product reference: Submit proposals
2. Type: Round
3. Material: Willow
4. Size: 1.2 m high x 38 mm diameter
5. Colour: Natural
6. Support: Willow screening wrapped loosely around tree trunk and secured to itself with plastic coated wire; **not secured to tree trunk.**
7. General: Ensure that protection methods do not impede natural movement of trees or restrict growth.

5.11 Soft Landscape Specification

576 Tree pit surfacing – loose fill

1. Surfacing material: Mulch, as section Q28
2. Area: Full extent of tree pit and planting bed surface
3. Depth: As illustrated on accompanying landscape details.
4. Watering: Water soil thoroughly before laying*

   *If trees are located in Native Micro-Woodland area ensure that the entire woodland is watered to a depth of 1.0m **AFTER** mulch has been laid.
5. Installation: Ensure the base of the tree stem is kept free from loose filled material.

Woodland/ matrix/ buffer zone planting

600 Woodland work generally

1. Services: Check for below and above ground services, including land drainage, in the vicinity. Give notice if they may be affected and obtain instructions before proceeding.
2. Safety: Comply with Arboriculture and Forestry Advisory Group Safety leaflets.

665 Setting out

1. Distance between trees: As per accompanying landscape details.
2. Distance between rows: As per accompanying landscape details.
   2.1. Plant in staggered rows.

680 Setting out

1. Planting density: As per accompanying landscape details.
2. Layout: As per accompanying landscape details.

Protecting/ maintaining/ making good defects

710 Maintenance

1. Duration: Carry out the operations in the following clauses from completion of planting until end of maintenance period.
2. Frequency of maintenance visits: In accordance with the agreed maintenance schedule or when instructed

720 Failures of planting

1. Defects due to materials or workmanship not in accordance with the Contract: Plants/ trees/ shrubs that have failed to thrive.
   1.1. Exclusions: Theft or malicious damage after completion.
   1.2. Rectification: Replace with equivalent plants/ trees/ shrubs.
2. Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
3. Timing of making good: During the next suitable planting season

740 Cleanliness

1. Soil and arisings: Remove from hard surfaces and grassed areas.
2. General: Leave the works in a clean tidy condition at completion and after any maintenance operations.

750 Planting maintenance generally

1. Weed control: Maintain weed free area around each tree and shrub.
   1.1. Diameter (minimum): The larger of 1 m or the surface of original planting pit.
   1.2. Keep planting beds clear of weeds: By hoeing/hand weeding/maintaining full thickness of mulch
2. Planted areas: Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows. Take care not to reduce depth or effect of mulch.
3. Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
4. Firming up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
5. Trees: Spray crown when in leaf during warm weather.
   5.1. Timing: After dusk.
6. Tree accessories: Check condition of stakes, ties, guys, guards and irrigation and ventilation systems.
   6.1. Broken or missing items: Replace.
   6.2. Loose stakes: Re-firm in the ground or replace as necessary to provide support to the tree.
   6.3. Loose guys: Re-firm anchor points and adjust as necessary to provide support to the tree.
   6.4. Ties: Adjust to accommodate growth and prevent constriction or abrasion.
   6.5. Damage to bark: Cut back neatly with sharp knife. Prevent further damage.
   6.6. Frequency of checks: At each scheduled maintenance visit
7. Watering: As required for healthy establishment, depending on weather conditions and as instructed by South Dublin Council; total number of watering visits per year to be agreed with South Dublin County Council.

760 Planting maintenance – pruning

1. General: Prune to promote healthy growth and natural shape.
   1.1. Dead, dying, diseased wood and suckers: Remove.
   1.2. Timing: As appropriate to the species and as instructed
   1.3. Trees: Favour a single central leading shoot.
2. Arisings: Remove.

770 Woodland planting maintenance

1. Loose plants: Refirm surrounding soil, without compacting.
2. Weed control: Cut down and remove weeds prior to setting seed in a 1 m diameter area around each tree.
3. Vegetation except trees and coppice shoots to be retained: Cut within the plantation area.
   3.1. Arisings: Leave between rows.
4. Watering: When instructed

780 Maintenance instructions

1. General: Before end of the maintenance period, submit printed instructions recommending procedures to be established by the Employer for maintenance of the planting work for one full year: Provide a schedule of any ongoing maintenance problems experienced during the rectification period and Provide details of any special procedures to be carried out.

790 Final mulching

1. Timing: At end of the maintenance period.

2. Watering: Ensure that soil is thoroughly moistened prior to remulching, applying water where necessary*

   *In the case of Native Micro Woodland Planting - ensure that watering occurs immediately after final mulching
3. Planting beds: Remulch.
4. Depth (minimum): As per accompanying landscape details.
5. Trees: Remulch.
6. Depth (minimum): As per accompanying landscape details.
7. Woodland: Remulch.
8. Depth: As per accompanying landscape details.

Ω End of Section

Q35
Landscape maintenance

Generally

105 Maintenance objectives

1. Location: All soft landscape areas
2. Aims: Enhanced landscape quality and Improved landscape visual amenity
3. Restrictions: As described in the landscape maintenance manual/schedule
4. Results: As scheduled

110 Notice

1. Give notice before
   1.1. Application of fertilizer.
   1.2. Watering.
   1.3. Each site maintenance visit.
2. Period of notice: 7 days

130 Reinstatement

1. Damage or disturbance to soil structure, planting, grass, fencing, hard landscaping, structures or buildings: Reinstate to original condition.

152 Performance criteria for control of invasive plant species

1. Specialist firms: Submit proposals
2. Species: Japanese knotweed, Rhododendron
3. Location: Whole site

155 Watering (General)

1. Supply: Potable mains water or Rain water from storage tank
2. Quantity: Wet full depth of topsoil
3. Application: Do not damage or loosen plants.
4. Compacted soil: Loosen or scoop out, to direct water to rootzone.
5. Frequency: As necessary for the continued thriving of all planting

160 Water restrictions

1. General: If water supply is, or is likely to be, restricted by emergency legislation, submit proposals for an alternative suitable source of water. Obtain instructions before proceeding.

170 Disposal of arisings

1. General: Unless specified otherwise, dispose of arisings as follows:
   1.1. Biodegradable arisings: Remove to recycling facility
   1.2. Grass cuttings: Remove to recycling facility
   1.3. Tree roots and stumps: Remove from site
   1.4. Shrub and tree prunings: Remove to recycling facility
   1.5. Litter and nonbiodegradable arisings: Remove from site

5.13 Soft Landscape Specification

180 Chipping or shredding

1. General: Not permitted on site.

190 Litter

1. Extraneous rubbish not arising from the contract work: Collect and remove from site.

195 Protection of existing grass

1. General: Protect areas affected by maintenance operations using boards/tarpaulins. Do not place excavated or imported materials directly on grass.

197 Cleanliness

1. Soil and arisings: Remove from hard surfaces.
2. General: Leave the works in a clean, tidy condition at completion and after any maintenance operations.

Grassed areas

210 Maintenance of grassed areas

1. General: Maintain turf in a manner appropriate to the intended use.
2. Soil and grass
   - 2.1. Condition: Maintain a healthy vigorous sward, free from disease, fungal growth, discolouration, scorch or wilt.
   - 2.2. Waterlogging and compaction: Prevent.
   - 2.3. Damage: Repair trampling, abrasion or scalping.
3. Ornamental lawns: Maintain reasonably free from moss, excessive thatch, weeds, frost heave, worm casts and mole hills.
   - 3.1. Edges: Neat and well defined, in clean straight lines or smooth flowing curves.
4. Litter and fallen leaves: Remove regularly to maintain a neat appearance.

211 Maintenance of grassed areas

1. Standard: To BS 7370-3. Carry out maintenance appropriate to each category of turf, as follows:
   - 1.1. Objectives: To BS 7370-3, Table 6.
   - 1.2. Programme: To BS 7370-3, clause 11.
   - 1.3. Mowing methods: To BS 7370-3, Table 3.

220 Grass cutting generally

1. Before mowing: Remove litter, rubbish and debris.
2. Finish: Neat and even, without surface rutting, compaction or damage to grass.
3. Edges: Leave neat and well defined. Neatly trim around obstructions.
4. Adjoining hard areas: Sweep clear and remove arisings.
5. Drought or wet conditions: Obtain instructions.

225 Tree stems

1. Precautions: Do not use mowing machinery closer than 100 mm to tree stems. Use nylon filament rotary cutters and other hand held mechanical tools carefully to avoid damage to bark.

226 Tree stems

1. Precautions: Do not allow nylon filament rotary cutters and other mechanical tools closer than 100 mm to the stem of any tree.
   - 1.1. Operations close to stems: Complete using hand tools.

235 Bulbs and corms in grassed areas

1. Before flowering: Do not cut.
2. Interval between end of flowering and start of grass cutting (minimum): 6 weeks

250 Leaf removal

1. Operations: Collect fallen leaves.
2. Special requirements: None
3. Disposal: Remove from site for recycling

255 First cut of

1. Description: ALL GRASSED AREAS
2. Height of initial growth: 75 mm
3. Preparation
   - 3.1. Debris and litter: Remove.
   - 3.2. Stones and earth clods larger than 25 mm in any dimension: Remove
4. Height of first cut: 50 mm
5. Mower type: Contractor's choice
6. Arisings: Remove

260 Mowing lawns

1. Grass height: Maintain between 25 and 50 mm
2. Arisings: Remove

265 Mowing general areas

1. Grass height: Maintain between 50 and 75 mm
2. Arisings: Remove

272 Maintaining grassed areas with perennial wild flowers

1. Preparation: Before each cut remove litter and debris.
2. Cutting: Cut once in spring

   OR

   Cut in June to control rank grasses just as the first flush of flower finishes flowering

   OR

   Cut at the end of summer in Autumn if grasses are well behaved

   Remove and dispose of all arisings in recycling facility
3. Trimming: All edges.
   - 3.1. Arisings: Remove and dispose of all arisings in recycling facility
4. Watering: When instructed

5.14 Soft Landscape Specification

285 Top dressing

1. Location: All lawns
2. Timing: Following scarification and aeration
3. Material: Compost/ sand/ loam mix
4. Supplier: Submit proposals
    4.1. Product reference: 80/20 Fine Turf Top Dressing' by Pitchcare Ireland or equivalent.
5. Declaration of analysis: Submit.
6. Additional analyses: Not required
7. Samples: Supply 5 kg sample before ordering
8. Application rate: 2-4 kg/m²

295 Spiking

1. Location: All lawns
2. Timing: As necessary to relieve compaction
3. Operations: Aerate the soil and improve surface water penetration.
4. Depth (minimum): 100 mm

300 Scarifying

1. Location: All lawns
2. Timing: October or November, before top dressing
3. Operations: Relieve thatch conditions and remove dead grass.
4. Depth (maximum): 25 mm
5. Arisings: Remove

309 Edges to seeded areas

1. Location: All edges
2. Timing: After seeded areas are well established.
3. Method: Cut to clean straight lines or smooth curves. Draw back soil to permit edging.
4. Arisings: Remove.

310 Re-forming grass edges

1. Location: Where damage occurs
2. Method: Draw back soil and re-form edges to clean straight lines or smooth flowing curves, sloping slightly back from vertical.

311 Re-forming grass edges

1. Location: Where damage occurs
2. Standard: To BS 7370-3.
3. Finishing: Damaged parts of turned turf top dressed with suitable soil and seed mix matching the sward
    3.1. Support: Not required

320 Levelling hollows and bumps in turf

1. Standard: To BS 7370-3, clauses 12.4 and 12.5.

325 Relieving surface compaction in turf

1. Standard: To BS 7370-3.
2. Method: Spiking
3. Top dressing: Medium to fine sand
    3.1. Depth: 2-3 mm

380 Reinstatement of damaged lawns

1. Damaged turf: Remove to a depth of 30 mm.
2. Preparation: Cultivate substrate to a fine tilth.
3. Reinstatement: Contractor's choice of returfing or topsoiling and reseeding:
    3.1. Returfing: Quality and appearance to match existing.
    3.2. Reseeding: Fill with fine topsoil to BS 3882 multipurpose class, free from stones, debris and weeds. Reseed with a seed mix to match existing grass in quality and appearance.
4. Protection and watering: Provide as necessary to promote successful germination and/ or establishment.

381 Reinstatement of worn or damaged lawns

1. Worn or damaged areas: Make good by returfing or reseeding:
    1.1. Returfing standard: To BS 7370-3, Clause 12.2.
    1.2. Reseeding standard: To BS 7370-3, Clause 12.6.
2. Turf or seed: To match existing in appearance and quality.
3. Protection and watering: Provide as necessary to promote successful germination and/ or establishment.

Flower beds/ seasonal beddings

460 Beds of perennials or perennials and annuals

1. Gaps in planting: Refill by replanting.
2. Watering
    2.1. New plants: Before and after planting out.
    2.2. Ongoing: As necessary for the continued thriving of all planting.
3. Operations at end of growing season
    3.1. Trim: Older flowering stems of herbaceous perennials.
    3.2. Remove: Redundant plant supports, litter, debris and arisings.
    3.3. Cultivate: Fork over the soil, taking care not to cause undue disturbance to plants.
    3.4. Top dress: Apply sanitized and stabilized compost top dressing.

470 Flower beds generally

1. Operations
    1.1. Remove: Dead flower heads, fallen leaves, litter and debris.
    1.2. Weeds: Thoroughly hand weed.
    1.3. Cultivate: Lightly hoe.
    1.4. Trim: Clip grass edges.
2. Fungicide: Not required
3. Insecticide: Not required

5.15 Soft Landscape Specification

Shrubs/trees/hedges

500 Establishment of new planting

1. Duration: Three full growing seasons from the date of planting
2. Weed control
   2.1. Method: Keep planting beds clear of weeds by maintaining full thickness of mulch.
   2.2. Area: Maintain a weed free area around each tree and shrub, minimum diameter the larger of 1 m or the surface of the original planting pit.
3. Soil condition: Fork over beds to keep soil loose, with gentle cambers and no hollows. Do not reduce depth or effect of mulch.
4. Watering: As schedule/specification and when instructed.

510 Tree stakes and ties

1. Inspection/ Maintenance times: As scheduled and immediately after strong winds
2. Stakes
   2.1. Replace loose, broken or decayed stakes to original specification.
   2.2. If longer than half of clear tree stem height, cut to this height in spring. Retie to tree firmly but not tightly with a single tie.
3. Ties: Adjust, refix or replace loose or defective ties, allowing for growth and to prevent chafing.
   3.1. Where chafing has occurred, reposition or replace ties to prevent further chafing.
4. Removal of stakes and ties: When instructed
   4.1. Fill stake holes with lightly compacted soil.

515 Tree guy wires

1. Inspection/ Maintenance times: Immediately after strong winds
2. Operations
   2.1. Replace or resecure loose or missing guy wires.
   2.2. Adjust to suit stem growth and to provide correct and uniform tension.

520 Refirming of trees and shrubs

1. Timing: After strong winds, frost heave and other disturbances.
2. Refirming: Tread around the base until firmly bedded.
3. Collars in soil at base of tree stems, created by tree movement: Break up by fork, avoiding damage to roots. Backfill with topsoil and refirm.

525 Tree guards

1. Loose or defective guards: Adjust, refix or replace to original specification and to prevent chafing.

537 Nesting wild birds

1. Survey: Before starting hedge or tree work during the period of February to August (inclusive), carry out a survey by a qualified ecologist and submit report
2. Accidental disturbance: Report immediately.

540 Pruning generally

1. Pruning: In accordance with good horticultural and arboricultural practice.
   1.1. Removing branches: Do not damage or tear the stem or bark.
   1.2. Wounds: Keep as small as possible and cut cleanly back to sound wood.
   1.3. Cutting: Make cuts above and sloping away from an outward facing healthy bud, angled so that water will not collect on cut area.
   1.4. Larger branches: Prune neither flush nor leaving a stub, but using the branch bark ridge or branch collar as a pruning guide.
2. Appearance: Thin, trim and shape each specimen appropriately to species, location, season, and stage of growth, leaving a well-balanced natural appearance.
3. Tools: Use clean sharp secateurs, hand saws or other approved tools. Trim off ragged edges of bark or wood with a sharp knife.
4. Disease or infection: Give notice if detected.
5. Growth retardants, fungicide or pruning sealant: Do not use unless instructed.

545 Pruning of excessive overhang

1. Timing: As instructed
2. Operations: Remove growth encroaching onto grassed areas, paths, roads, signs, sightlines and road lighting luminaires.
3. Special requirements: None

550 Pruning of excessive height

1. Timing: As instructed
2. Operations: Remove excessive height As instructed.

555 Pruning trees and shrubs

1. Standard: To BS 7370-4.
2. Special requirements: None

570 Formative pruning of young trees

1. Standard: Type and timing of pruning operations to suit the plant species.
2. Time of year: Do not prune during the late winter/ early spring sap flow period.
3. Young trees up to 4 m high
   3.1. Crown prune by removing dead branches and reducing selected side branches by one third to preserve a well-balanced head and ensure the development of a single strong leader.
   3.2. Remove duplicated branches and potentially weak or tight forks. In each case cut back to live wood.
4. Whips or feathered trees: Do not prune.
5. Operatives: Approved specialist contractor

575 Pruning ornamental shrubs

1. General: Prune to encourage healthy and bushy growth and desirable ornamental features, e.g. flowers, fruit, autumn colour, stem colour.
2. Suckers: Remove by cutting back level with the source stem or root.

620 Removal of dead plant material

1. Operations: At the end of the growing season, check all shrubs and remove all dead foliage, dead wood, and broken or damaged branches and stems.

630 Dead and diseased plants

1. Removal: As soon as possible
2. Replacement: In the next scheduled round of replacement planting

5.16 Soft Landscape Specification

635 Reinstatement of shrub/ herbaceous areas

1. Dead and damaged plants: Remove.
2. Mulch/ matting materials
   2.1. Carefully move to one side and dig over the soil, leaving it fit for replanting.
3. Do not disturb roots of adjacent plants.
4. Replacement plants
   4.1. Use pits and plants: To original specification or to match the size of adjacent or nearby plants of the same species, whichever is the greater.
   4.2. Additional requirements: Submit details and cost of plants before ordering
5. Dressing: Slow release fertilizer:
   5.1. Type: Organic
   5.2. Application rate: 50 g/m²

645 Weed control generally

1. Weed tolerance: At all times, weed cover less than 10% and no weed to exceed 100 mm high
2. Adjacent plants, trees and grass: Do not damage.

650 Hand weeding

1. General: Remove weeds entirely, including roots.
2. Disturbance: Remove the minimum quantity of soil, and disturb plants, bulbs and mulched surfaces as little as possible.
3. Completion: Rake area to a neat, clean condition.
4. Mulch: Reinstate to original depth.

655 Weed cutting by hand or machine

1. Undesirable grass, brambles and herbaceous growth: Cut down cleanly to a maximum height of 50 mm.
2. Herbicides: Do not use

675 Digging over

1. General: Dig over beds. Do not damage existing plants, bulbs and roots.
   1.1. Depth of dig (minimum): 75 mm

680 Soil aeration

1. Compacted soil surfaces
   1.1. Prick up: To aerate the soil of root areas and break surface crust.
   1.2. Size of lumps: Reduce to crumb and level off.
   1.3. Damage: Do not damage plants and their roots.

685 Soil level adjustment

1. Level of soil/mulch at edges of beds: Reduce to 50 mm below adjacent grass or hard surface.
   1.1. Arisings (if any): Spread evenly over the bed.

695 Fertilizing established trees and shrubs

1. Time of year: After flowering
2. Type of fertilizer: Organic/ Slow release
3. Application: Spread evenly.
   3.1. Rate: As manufacturer's recommendations

700 Snow removal from shrubs/ trees

1. Standard: To BS 7370-4.
2. Plants subject to snow removal: All evergreens
3. Timing: Within 24 hours of snowfall

705 Winter leaf removal

1. Operations: Take down temporary leaf fences. Collect accumulations of drifted leaves from the vicinity and from planting beds.
2. Arisings: Distribute evenly over all planting beds

Tree work

810 Tree work generally

1. Identification: Before starting work agree which trees, shrubs and hedges are to be removed or pruned.
2. Protection: Avoid damage to neighbouring trees, plants and property
3. Standard: To BS 3998.
4. Removing branches: Cut vertical branches similarly, with no more slope on the cut surface than is necessary to shed rainwater.
5. Appearance: Leave trees with a well-balanced natural appearance.
6. Chain saw work: Operatives must hold a Certificate of Competence.
7. Tree work: To be carried out by an approved member of the Arboricultural Association.

815 Additional work

1. Defective, diseased, unsafe or weak parts of trees additional to those scheduled for attention: Give notice if detected.

820 Prevention of wound bleeding

1. Standard: To BS 3998.

825 Prevention of disease transmission

1. Standard: To BS 3998.

830 Cleaning out and deadwooding

1. Remove
   1.1. Dead, dying, or diseased wood, broken branches and stubs.
   1.2. Fungal growths and fruiting bodies.
   1.3. Rubbish, windblown or accumulated in branch forks.
   1.4. Wires, clamps, boards and metal objects, if removable without causing further damage and not part of a support structure that is to be retained.
   1.5. Other unwanted objects, e.g. tree houses, swings.

835 Cutting and pruning generally

1. Tools: Appropriate, well maintained and sharp.
2. Final pruning cuts

2.1. Chainsaws: Do not use on branches of less than 50 mm diameter.
2.2. Hand saws: Form a smooth cut surface.
2.3. Anvil type secateurs: Do not use.
3. Removing branches: Do not damage or tear the stem.
4. Wounds: Keep as small as possible, cut cleanly back to sound wood leaving a smooth surface, and angled so that water will not collect on the cut area.
5. Cutting: Cut at a fork or at the main stem to avoid stumps wherever possible.
6. Large branches: Remove only if unavoidable
6.1. Remove in small sections and lower to ground with ropes and slings.
7. Dead branches and stubs: When removing, do not cut into live wood.
8. Unsafe branches: Remove epicormic shoots and potentially weak forks that could fail in adverse weather conditions.
9. Disease or fungus: Give notice if detected. Do not apply fungicide or sealant unless instructed.

840 Crown reduction/ shaping

1. General: Cut back selectively to lateral or sublateral buds or branches to retain flowing branch lines without leaving stumps.
2. Operations: Reduce crown by 15%

845 Crown lifting

1. Clearances: Remove branch systems to give clearance.
1.1. Height: 2.5 m above footpaths/ As recommended by BS 7370-4, clause 3.7.2.3
2. Removing branches: Remove whole branches back to the stem, or cut lower portions of branches back to lateral or sublateral buds or branches. Do not leave stumps.

850 Crown thinning

1. Removing branches: Remove inward growing, crossing, rubbing, dead and damaged branches.
2. Thinning: Selectively remove secondary and small live branch growth evenly throughout the crown.
2.1. Quantity: 10 %
3. Cutting: Make no cuts of more than 25 mm diameter.
3.1. Branches: Cut back to lateral or sublateral buds or branches without leaving stumps.
4. Appearance: Leave a uniform and well-balanced structure of branches and foliage.

855 Cutting tree roots

1. Excavating: Use hand tools only.
2. Protected area: Do not cut roots within an area which is the larger of:
2.1. The branch spread of the tree.
2.2. An area with a radius of half the tree's height, measured from the trunk.
3. Outside protected area: Give notice of roots exceeding 50 mm in diameter. Do not cut without approval.
4. Cutting
4.1. Cutting: Make clean smooth cuts with a hand saw.
4.2. Wounds: Minimize. Avoid ragged edges.
4.3. Finishing: Pare cut surfaces smooth with a sharp knife.
5. Backfilling
5.1. Protection: Cover cut roots with clean sharp sand
5.2. Material: Backfill with original topsoil.

860 Removing trees, shrubs and hedges

1. Standard: To BS 3998.
2. Existing services: Check for below and above ground services. Give notice if they may be affected.
3. Shrubs and smaller trees: Cut down and grub up roots.
4. Tree stumps
4.1. Treatment: Remove mechanically to a minimum depth of 300 mm below ground level
4.2. Removal by winching: Give notice. Do not use other trees as supports or anchors.
5. Protection: Avoid damage to neighbouring trees, plants and property
6. Work near retained trees: Where tree canopies overlap and in confined spaces generally, take down trees carefully in small sections to avoid damage to adjacent trees that are to be retained.
7. Filling holes
7.1. Material: Use as-dug material and/ or imported soil as required.
7.2. Finishing: Consolidate and grade to marry in with surrounding ground level.

865 Bark damage

1. Wounds
1.1. Do not attempt to stop sap bleeding.
1.2. Bark: Remove ragged edges using a sharp knife.
1.3. Wood: Remove splintered wood from deep wounds.
1.4. Size: Keep wounds as small as possible.
2. Liquid or flux oozing from apparently healthy bark: Give notice.

870 Cavities in trees

1. Investigation: Remove rubbish and rotten wood. Probe the cavity to find the extent of any decay, and give notice.
2. Water filled cavities: Do not drain.
3. Sound wood inside cavities: Do not remove.
4. Cavity openings: Do not cover

Water areas - Not Used

Hard landscape areas/fencing

910 Hard surfaces and gravel areas

1. Herbicide: Apply a suitable foliar acting or residual herbicide. Allow recommended period for herbicide to take effect before clearing arisings.
2. Hard surfaces: Remove litter, leaves and other debris.
3. Surface gutters and channels: Remove mud, silt and debris.
4. Drainage gullies: Empty traps and flush clean.
5. Gravel areas: Rake over. Remove weeds, litter, leaves and debris, and level off.
6. Repairs to flexible bituminous pavings: In accordance with the original paving specification or BS 7370-2, clause 4.12.
7. Stain removal: In accordance with BS 7370-2, table 4.

Ω End of Section

S14
Irrigation

General

110 Irrigation system uPVC Pipe & Outlet

1. Description: FOR EXTERNAL TREE PITS
2. Source: Mains water supply or Harvested rainwater or locally sourced from canal or other river/waterbody where there is an adequate supply.
3. Locations: To all tree pits
4. Manufacturer: Submit proposals
5. Type: Perforated plastics irrigation pipe with inlet
6. Pipe Diameter: 100 mm
7. Ring Diameter: 900 mm OR to fit around root ball of tree (whichever is greater)
8. Inlet: Black plastics, with cap
9. Installation: As below:
    - 9.1. Pipe: Lay in loop above root ball with slight fall away from inlet pipe. Trim length to ensure a close fit in the tree pit. Connect both ends of pipe securely into plastics tee junction on inlet.
    - 9.2. Top cap of inlet: Protruding slightly above finished surround level.
    - 9.3. Backfill matieral: Carefully compact in layers.

Performance - Not Used

Products - Not Used

Execution

610 Installation generally

1. Standard: In accordance with BS 7562-5, BS 8558, BS EN 805, BS EN 806-4 and BS EN 12484-4, water supply regulations and the requirements of the water supply undertaker.
2. Generally
    - 2.1. Fixing: Secure and neat in locations and depths suitable for the purpose.
    - 2.2. Outlets and valves: Adequately support to prevent pipes being strained during operation.
    - 2.3. Open ends of pipes: Temporarily seal with purpose made plugs or blanking caps to prevent ingress of dirt, insects or rodents during installation.
3. Equipment, components and accessories
    - 3.1. Store in original packaging in dry conditions.
    - 3.2. Where appropriate, securely fix parallel or perpendicular to the enclosing structure.
4. Corrosion resistance: In locations where moisture is present or may occur, provide corrosion resistant fittings/ fixings and avoid contact between dissimilar metals by use of suitable washers, gaskets, etc.
5. Performance: Free from leaks and the audible effects of expansion, vibration and water hammer.
6. Access: Allow adequate space for inspection, servicing and maintenance.

611 Installation of pumps

1. Pipeline connections: Prevent transmission of pipeline forces to pump casing.
2. Pipeline mounted pumps: Support on purpose made brackets lined with vibration absorbent material.
3. Alignment: Align and balance to minimize vibration.
4. Drive belts: Correctly tensioned.
5. Access: Provide adequate space for service and maintenance.
6. Identification plate: Engrave showing:
    - 6.1. Manufacturer's name and address.
    - 6.2. Serial number.
    - 6.3. Duty and maximum head.
    - 6.4. Speed.
    - 6.5. Electrical loading.

612 Pipeline installation

1. Appearance: Install pipes straight, and parallel or perpendicular to walls, floors, ceilings, and other building elements.
2. Joints, bends and offsets: Minimize.
3. Access: Locate runs to facilitate installation of equipment, accessories and insulation and allow access for maintenance.
4. Electrical equipment: Install pipelines 150 mm (minimum) clear of electrical equipment. Do not run pipelines through electrical enclosures or above distribution boards, controllers or outlets.
5. Insulation: Allow space around pipelines to fit insulation without compression.
6. Drains and vents: Fix pipelines to falls. Fit draining taps at low points and vents at high points.
7. Thermal expansion and contraction: Allow for thermal movement of pipelines. Isolate from structure. Prevent noise or abrasion of pipelines caused by movement. Sleeve pipelines passing through walls, floors or other building elements.

Completion

910 Testing

1. Standard: To BS EN 12484-5.
2. Notice (minimum): Three days.
3. Condition of pipework and equipment prior to testing: Correctly installed, secure and clean.
4. Pressure testing: Joints, fittings and components must be free from leaks and signs of physical distress when tested for at least one hour as follows:
    - 4.1. Systems fed directly from the mains: Apply a test pressure equal to 1.5 times the maximum pressure to which the installation or relevant part is designed to be subjected in operation.
    - 4.2. Systems fed from storage: Apply a test pressure equal to the pressure produced when the storage cistern is filled to its normal maximum operating level.
5. Other test procedures: As recommended by the manufacturer and required by the water undertaker.
6. Test results: Submit.

920 Commissioning

1. Equipment: Check and adjust operation of equipment and controls.
2. Outlets: Check operation of outlets for satisfactory rate of flow.

930 Documentation

1. Submit prior to completion
    - 1.1. Full technical description of each system installed.
    - 1.2. Manufacturers' operating and maintenance instructions for all equipment and controls.

1.3. Manufacturers' guarantees and warranties.
1.4. Operating instructions for the system as a whole giving optimum settings for all controls.
1.5. Record drawings showing the location of circuits, fittings, pipes, apparatus and operating controls.
1.6. Electrical inspection and completion certificates to BS 7671.

2. Number of copies: One hard and one soft copy

940 Operating tools

1. Tools: Supply tools for operation, maintenance and cleaning purposes.
2. Keys: Supply keys for valves, vents and cabinets, outlets etc.

Ω End of Section

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