Appendix G. Tree Survey

G.1. Report

Tree Experts in the Built Environment

John Morris Arboricultural Consultancy

Tree Risk Management | Trees, Planning & Development | Expert Witness | Arboricultural Clerk of Works | Government Support

Client: **Atkins Global**
Site: Glanmire to City Cycle Route
Cork

BASELINE TREE SURVEY REPORT

Date: 04th September 2023
Ref: 23-364-03

John Morris Arboricultural Consultancy

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CONTENTS

ATTACHMENTS

DOCUMENT TITLE	DOCUMENT REFERENCE
TREE SCHEDULE	23-364-01
TREE CONSTRAINTS PLAN	23-364-02

1. INTRODUCTION

Instruction

1.1. Instruction was received from Atkins Global on 24th July 2023 to undertake a tree survey and prepare an arboricultural report to assist the design team understand the arboricultural constraints and opportunities along a new cycle Active Travel Scheme, connecting Glanmire and Cork City.

Scope

1.2. The survey has been carried out in accordance with BS5837:2012 *Trees in relation to design, demolition and construction – Recommendations.*

1.3. The information collected during the survey has been used to prepare a baseline tree survey summary report.

Site

1.4. The route begins at the north east corner of Michael Collins Bridge on the N27 and extends east along the southern section of Horgan's Quay N8, past an industrial area onto the Lower Glanmire Road N8, beneath the Eastern Gateway Bridge and into Port of Cork 2000 Garden. The route then runs through the southern section of these gardens into Pork of Cork and along the northern section of Tivoli Estate north over the railway line to Dunkettle Roundabout.

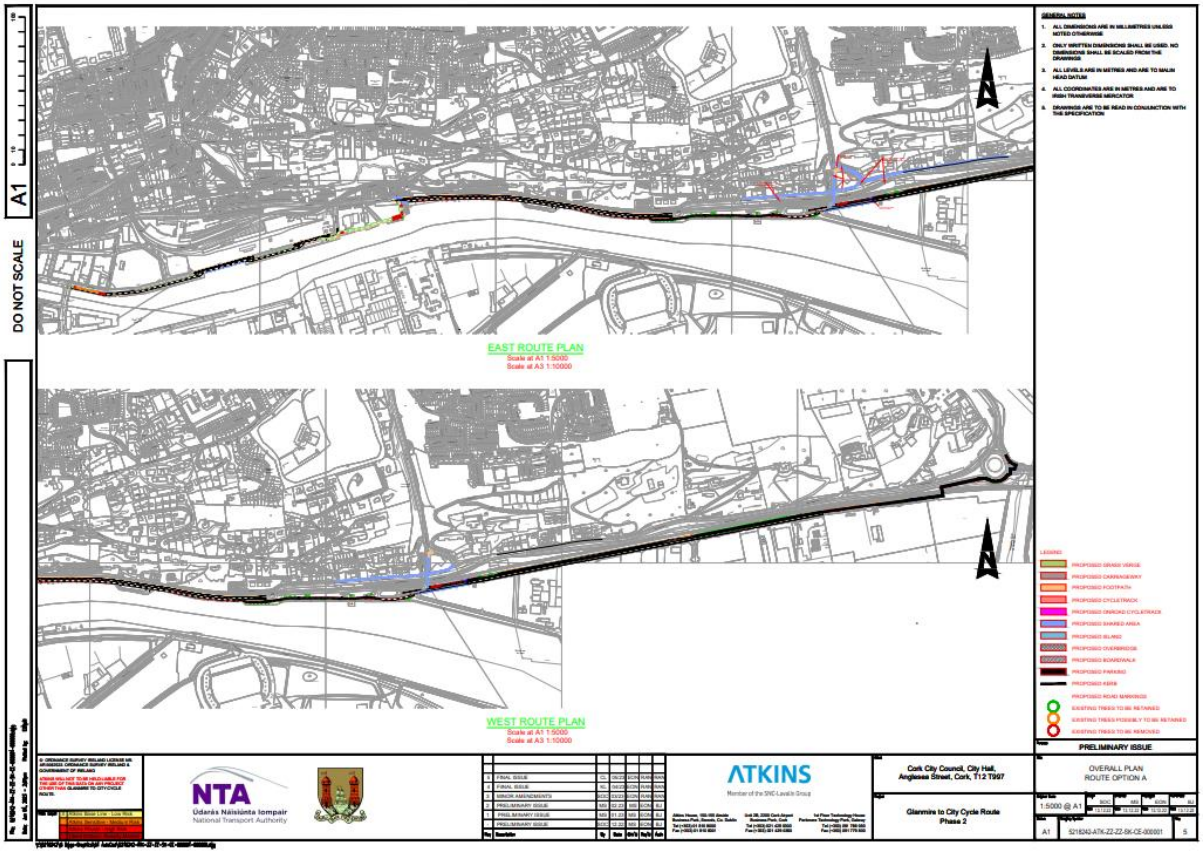

Figure 1. Plan to the Glanmire to City Cycle Route (Source: Atkins, 2023).

2. TREE SURVEY

Site Visit

2.1. The tree survey was undertaken between 9th and 11th August 2023.

2.2. Details of the survey methodology and assessment criteria can be found in Appendix 1.

2.3. A copy of the survey data can be found in the Tree Schedule (Ref: 23-364-01) attached to this report.

2.4. The extent of the tree survey has been marked on the Tree Constraints Plan (Ref: 23-364-02) also attached to this report.

2.5. The tree survey considered all trees and hedges that have the potential to be impacted by future development including those outside the application area, but within influencing distance.

2.6. The above ground constraints posed by canopy spread are plotted as a continuous line around the tree and shaded in the corresponding BS5837 retention category colour, whilst the below ground constraints posed by the Root Protection Area (RPA) have been plotted as a continuous magenta line with the text RPA inscribed.

2.7. The purpose of the tree survey was to provide guidance to the design team on the constraints and opportunities posed by trees.

2.8. The results of the survey allow the opportunity to balance the retention of significant trees against the opportunity to enhance the existing tree stock through proactive management.

Description of Trees

Michael Collins Bridge N27 and Penrose Quay N8

2.9. The trees on Penrose Quay comprise semi-mature sycamore and Norway maple planted in tree pits surrounded by brick pavers. These trees are establishing well and provide high public visual amenity in a busy area of the city centre.

Industrial area between Horgan's Quay and Lower Glanmire Road

2.10. There are a small number of self-sown saplings mainly comprising ash and sycamore in the grass verge south of the fence between the yard and River Lee. The ash trees are infected with Ash Dieback *(Hymenoscyphus fraxineus)* and have a limited useful life expectancy, while the sycamore are growing very close and through gaps in the steel palisade fence, and in places starting to cause damage. To the far east of the industrial area is a dense area of vegetation with Japanese knotweed.

Lower Glanmire Road

2.11. The street trees on Lower Glanmire Road include semi-mature Norway maple, Red maple, Sweedish whitebeam and a single lime. These trees are growing from the pavement surrounded by tarmac. A number are showing signs of physiological decline typical of root and soil disturbance, which is likely a result of soil compaction and poor growing conditions, which are exacerbated by the tarmac surrounding. Some of the trees along Lower Glanmire Road are recommended for removal due to severe crown dieback, and a number of others would benefit

from soil amelioration and resurfacing improvements, using a porous medium that will allow filtration of water and root respiration.

Port of Cork 2000 Garden

2.12. The Port of Cork 2000 Garden has a diverse variety of semi-mature and early mature trees including palm, hornbeam, Silver birch, Himalayan birch, Rowan, Mana ash and Downey birch. The trees are growing in wide open grass verges mainly to the north of path, and are starting to become well established in the environment. These trees from a linear green feature along the banks of the River Lee and provide visual amenity from within the park and from The Marina on the south side of the River Lee, and offer an urban green space close to the city centre and port.

Port of Cork and Tivoli Estate

2.13. At the entrance of Tivoli Estate is small group of mature silver maple and a single Norway maple behind a dense area of vegetation. The trees continue along the linear grass verge north of the port access road and include a wide variety of species and ages from young newly planted lime to mature lime, London plane, Norway maple and Purple sycamore. The majority of trees have underwent heavy crown reductions to provide clearance for overhead cables that extend along the grass verge parallel to the railway line. To the far east of the Tivoli Estate is a group of lime and Norway maple with occasional ash which have been 'topped' by removing the whole crown to provide clearance for overhead cables. The trees provide visual amenity and green connectivity along the Port access road but a number are declining or in poor structural condition due to heavy pruning for overhead cable clearance. These trees will never reach the full size and spread of their species into maturity and will likely have a shorter life expectancy.

Lower Glanmire Road N8 and Dunkettle Roundabout

2.14. The grass verge along the southern edge of the Lower Glanmire Road has dense shelter belt style tree cover that forms a continuous group to the Dunkettle Roundabout. The trees include Norway maple, silver birch, Scots pine and a dense understorey of cotoneaster and self-sown saplings. In the grass verge south of the roundabout are a number of young oak, while on the north eastern verge by the R369 is a single sycamore with an ash and some self-sown oak saplings.

2.15. A summary assessment of the tree quality is contained in Table 1.

2.16. A photographic tree record is provided in Appendix 2.

3. PLANNING POLICY, STATUTORY CONSIDERATIONS & TREE LEGISLATION

Planning Policy

3.1. The National Planning Framework 'Project Ireland 2040' and National Development Plan (2021-2030) underpin planning policy across Ireland. These documents recognise the need to manage future growth in a planned, productive and sustainable way.

3.2. At the heart of Green Infrastructure Planning is to protect, preserve and enhance national capital by:

> *"protecting and valuing important and vulnerable habitats, landscapes, natural heritage and green spaces".*

3.3. The Site falls within the jurisdiction of Cork City Council, which has a statutory obligation to ensure that provision is made for the protection of trees, woodlands and hedgerows under the Local Government Planning and Development Act (2000), through implementation of a Development Plan. The current plan for Cork is the Cork City Development Plan 2022-2028.

Cork City Development Plan 2022-2028

3.4. The Cork City Development Plan contains various policies in relation to trees and proposals for development including:

Chapter 6 I Green and Blue Infrastructure, Open Space and Biodiversity

Strategic Biodiversity Goals

To protect and enhance the city's trees and urban woodlands

Objective 6.5 - Trees & Urban Woodland

a. To protect and enhance the City's tree and urban woodlands in public and private ownership. Cork City Council will seek to survey, map and maintain existing important individual and groups of trees, using Tree Preservation Orders as appropriate;

b. To encourage the planting of new urban woodlands and trees where appropriate throughout the City and particularly where there are deficiencies in tree coverage as identified in the Cork City Green and Blue Infrastructure Study;

c. To support the preparation of a City Tree Strategy which provides a vision for long term planting, protection and maintenance of trees, hedgerows and woodlands;

d. To support retaining existing trees and the planting of new trees as part of new developments subject to care on the species of tree and the siting and management of the trees to avoid conflict with transport safety and residential amenity in particular;

e. To promote the planting of pollinator friendly native deciduous trees and mixed forestry to benefit biodiversity.

Objective 6.9 Landscape

e. To discourage proposals necessitating the removal of extensive amounts of trees, hedgerows and historic walls or other distinctive boundary treatments.

Objective 10.98 Protection of Natural Landscape

d. Discourage proposals necessitating the removal of extensive amounts of trees, hedgerows and historic walls or other distinctive boundary treatments.

3.5. The Cork City Development Plan (2022-2028) should influenced any future design proposals by ensuring that the existing trees are considered in the context of planning policy and retained where appropriate.

Tree Preservation Orders & Conservation Areas

3.6. Tree Preservation Orders (TPOs) may be made under Section 45 of the Local Government (Planning and Development) Act, 1963 and subsequent acts. Part XIII of the Planning and Development Act 2000 sets out the provisions for TPOs. A TPO can be made if it appears to the planning authority to be desirable and appropriate in the interest of amenity or the environment. A TPO can apply to a tree, trees, group of trees or woodland.

3.7. The principle effect of a TPO is to prohibit the cutting down, topping, lopping or wilful destruction of trees without the planning authority's consent. The order can also require the owner and occupier of the land subject to the order to enter into an agreement with the planning authority to ensure the proper management of the tree, trees or woodland. A review of the Cork City Development Plan (2022-2028) indicates that at the time of the development plan, there were no TPO's in place upon the Site (Table 6.15).

Irish Distilleries, North Mall
Westboro, Middle Glanmire Road
Lakeview, Castle Road
Belgrave Square, Wellington Road
Ringmahon Road
Roseville, Old Youghal Road
Springmount
Rockmahon, Castle Road
Brookfield House (Village), College Road
Deerpark, Greenmount
Ardnalee, Middle Glanmire Road
Castletreasure, Douglas

Table 6.15: Tree Preservation Orders in Cork City.

Special Amenity Area Orders

3.8. A National Special Amenity Area is a designation for a landscape of national importance for its aesthetic and/or recreational value.

3.9. Planning authorities are empowered (under section 202 of the Planning and Development Act 2000), to make a Special Amenity Area Order (SAAO) for reasons of outstanding natural beauty or its special recreational value and having regard to any benefits for nature conservation. The purpose is to preserve and enhance landscape character and to prevent and limit development.

3.10. A review of the Cork City Development Plan (2022-2028) indicates that the Site is not within a SAAO but some areas along the route are noted as ZO 17 Special Landscape Preservation Zones (Figure 2&3).

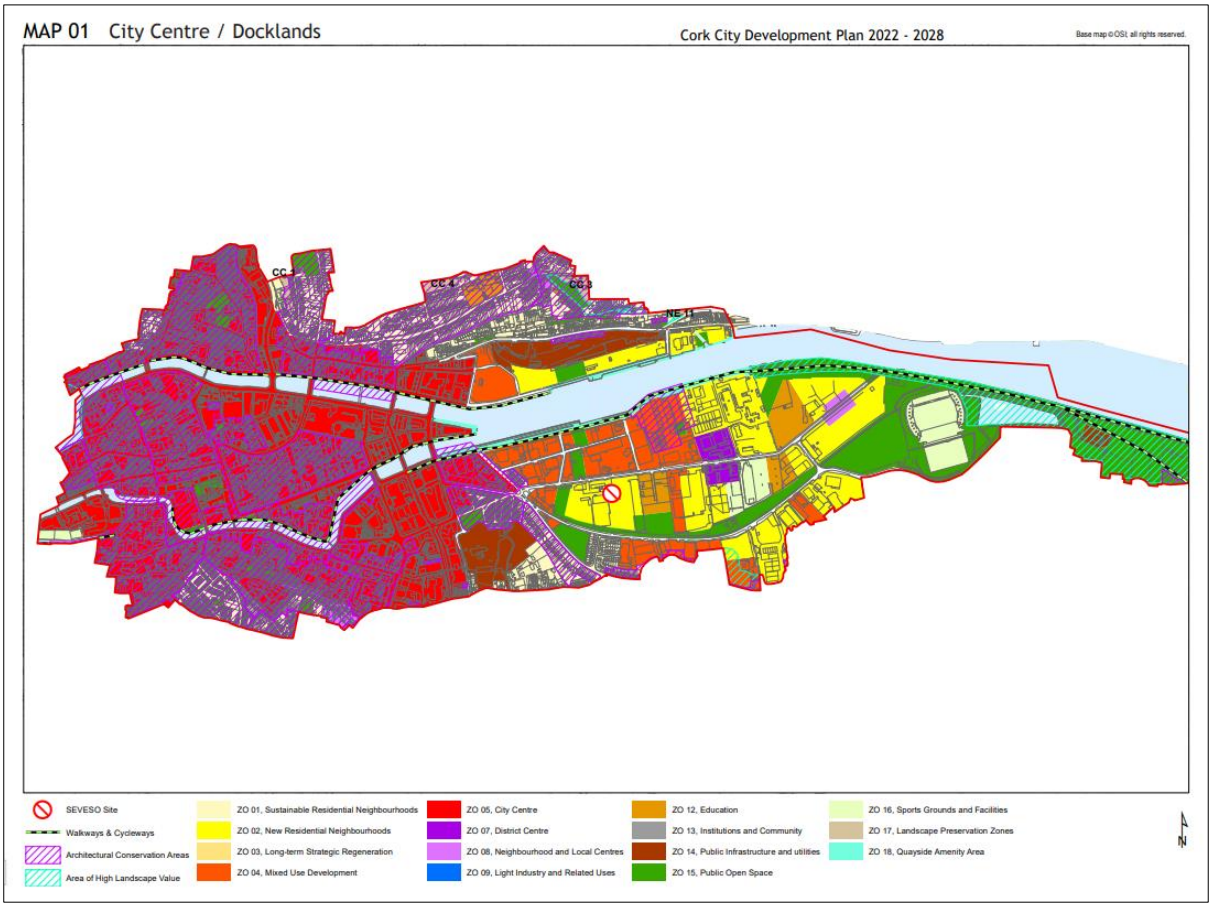

Figure 2. Map 01 City Centre / Docklands (Source: Cork Citty Development Plan 2022-2028).

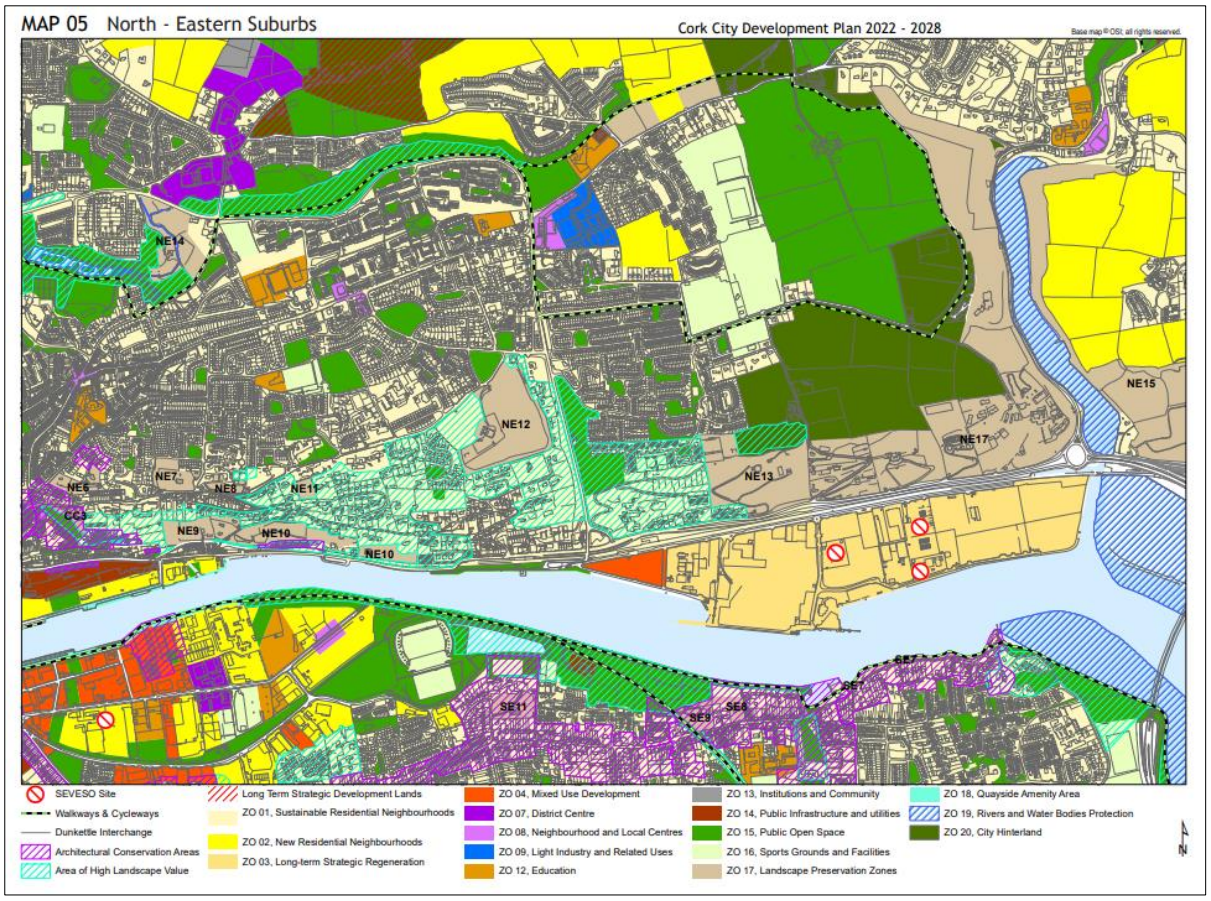

Figure 3. Map 05 North – Eastern Suburbs (Source: Cork Citty Development Plan 2022-2028).

Felling Licences

3.11. It is an offence for any person to uproot or cut down any tree unless the owner has obtained permission in the form of a felling licence from the Forest Service, with the exception of the following scenarios (under section 19 of the Forestry Act 2014):

- A tree in an urban area. (An urban area is an area that is comprised of a city, town or borough specified in Part 2 of Schedule 5and in Schedule 6 of the Local Government Act 2001, before the enactment of the Local Government Reform Act 2014 (this act dissolved Town Councils, however, the old boundaries of these areas are still considered as urban for the purpose of the Forestry Act 2014).
- A tree within 30 metres of a building (other than a wall or temporary structure) but excluding any building built after the trees were planted.
- A tree less than 5 years of age that came about through natural regeneration and removed from a field as part of the normal maintenance of agricultural land (but not where the tree is standing in a hedgerow).
- A tree uprooted in a nursery for the purpose of transplantation.
- A tree of the willow or poplar species planted and maintained solely for fuel under a

short rotation coppice.

- A tree outside a forest within 10 metres of a public road and which, in the opinion of the owner (being an opinion formed on reasonable grounds), is dangerous to persons using the public road on account of its age or condition.
- A tree outside a forest, the removal of which is specified in a grant of planning permission, providing it was indicated on the lodged plans as being planned for removal as part of the application
- A tree outside a forest of the hawthorn or blackthorn species growing in a hedge.
- A tree outside a forest in a hedgerow and felled for the purposes of its trimming the hedge providing that the tree does not exceed 20 centimetres diameter at 1.3 metres above ground level.
- Agricultural holdings can fell a limited small number of trees not exceeding 3 cubic metres.
- The maximum number of trees permitted to be felled under that exemption per year is 4 trees (12 cubic metres)
- Outside a forest, apple, pear, plum, or damson species are exempt from the need for a felling license.

Wildlife

3.12. The cutting of hedges is prohibited during the period 1st April to 31st August every year with limited exceptions under the Wildlife Acts 1976-2008.

4. ARBORICULTURAL PRINCIPLES

Trees and Development

4.1. Trees provide a multitude of economic, environmental and social benefits to individuals and communities including (but not limited) to visual amenity and landscape value, ecosystem services and habitats for local wildlife. Trees can also hold historic and cultural importance by providing links to the past that create a sense of place and belonging.

4.2. They are living, self-optimising, mechanical organisms that grow in and react to the environment in which they are located and are capable of being wounded or infected by objects or other organisms that can cause a decline in health or result in death.

4.3. Development proposals that will impact trees should consider the value and contribution made by those trees, the impacts of development activity upon their health and an assessment of future conflicts that may arise between trees and the development proposal.

Below Ground Constraints

4.4. Soils contain organic and mineral material, air and water that provides a medium essential for root growth. The physical properties of soils including texture, porosity and bulk density can greatly impact the availability of water, nutrients and oxygen in the soil available to support

the function and growth of tree roots. Protection of the soil environment in which trees grow is therefore essential to ensure tree vitality.

4.5. Tree roots provide support and anchorage and allow the uptake and transport of water, nutrients and oxygen for tree function and growth. Roots are commonly found in the upper 600-1000mm of soil, however depth can vary significantly depending on soil and local site conditions. Typically, tree root systems comprise a network of lateral roots that provide structural support and smaller fibrous roots that function in the uptake of water, nutrients and oxygen. Protection of the tree roots is therefore essential to ensure tree vitality.

Impacts of Construction & Development

4.6. The processes of construction including the movement of machinery and equipment near trees can cause soil compaction that can starve roots of oxygen and water, resulting in tree decline or death. Increasing ground levels near trees can cause similar impacts, whilst belowground soil excavations can damage root bark or lead to root severance and impair structural stability. Further impacts include (but are not limited to) contamination of soils by toxic substances such as cement or chemicals and root desiccation due to inadequate protection during exposure.

Root Protection Areas

4.7. In accordance with BS5837, the Root Protection Area (RPA) indicates the notional minimum area of ground around a tree deemed to contain sufficient roots and rooting volume to avoid adverse physiological or structural impairment and to support future tree function, growth and health.

4.8. The RPA is calculated in accordance with Section 4.6 of BS5837 and is summarised in Appendix 3.

4.9. The RPA is plotted as a continuous circle centred on the base of the stem, however where pre-existing site conditions such as the presence of built structures, changes in topography, soil type and structure or past management are likely to act as barriers, or alter normal distribution, BS5837 allows modifications to the shape of the RPA can be made based upon sound arboricultural assessment.

4.10. The default position should be that no development works occur inside RPAs, however in accordance with BS5837 when there is an overriding justification, it may be appropriate to implement specialist methods of construction or technical solutions that will reduce or eliminate the impact to roots and soil environments.

4.11. Additionally, where an area of RPA is lost, it should be demonstrated that the tree can remain viable with the area lost from encroachment compensated elsewhere contiguous with its RPA, based on the species, age, condition and past management of the tree, pre-existing site conditions and nature of operations proposed is undertaken.

Above Ground Constraints

4.12. Tree stems and crowns can restrict the availability of space on a development site that may result in conflicts between trees and the new built environment. The design and layout of a site

should take into consideration the presence of tree canopies, as well as individual species characteristics and future growth requirements in order to create a harmonious relationship between trees and the new built environment.

Future Development Proposals

4.13. Any future development proposal upon the lands should be influenced by trees already on the site. The default position should be to be retain trees of moderate and high arboricultural quality where they can successfully be integrated into the development in a sustainable way that will maintain their good health and vitality into the future. The aim should be to utilise existing trees as established landscaped features that will enhance new green spaces such as parks, gardens and public open space. New buildings, roads, car parks and other features of the new built environment should not be sited within the canopy or RPA of trees, however where this is not practicable a hierarchy of mitigation should be applied as illustrated in Figure 4.

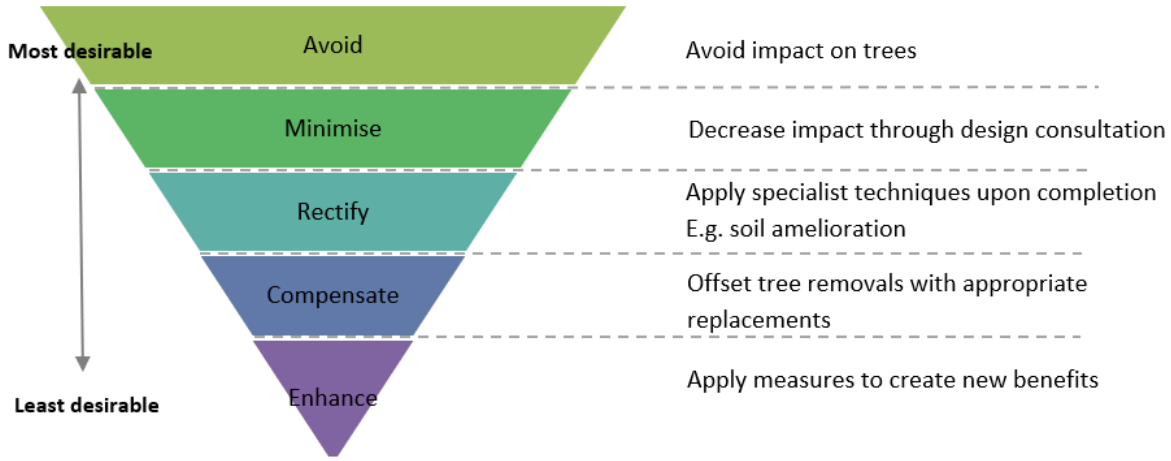

Figure 4. Trees & Development Mitigation Hierarchy (John Morris Arboricultural Consultancy, 2019).

5. ABOUT THE AUTHOR & LIMITATIONS

Authors Qualifications & Experience

5.1. This report has been written by John Morris, Director and Principal Arboricultural Consultant at John Morris Arboricultural Consultancy Ltd. John has a First Class BSc (Hons) in Housing (Ulster University) and a Post Graduate Diploma (UK NQF Level 7) in Arboriculture & Urban Forestry (Myerscough College & University of Central Lancashire). John has worked in the housing, development and arboricultural sectors combined for over 15 years and regularly undertakes continuous professional development (CPD) in all areas of arboriculture and wider business administration. John is a Professional member of the Arboricultural Association (AA), Associate member of the Institute of Chartered Foresters (ICF) and Chartered member of the Institute of Housing (CIH).

Limitations

5.2. This report is for planning purposes and is not a detailed assessment of the health and condition of trees, however where defects have been identified works have been recommended to ensure site safety.

5.3. This report does not take responsibility for the effects of extreme weather conditions, vandalism, accidents or any works to trees that occur without the authors knowledge, or that are not recommended within this report.

5.4. Tools used during the assessment have been limited to a sounding mallet, probe or binoculars. No invasive or diagnostic equipment has been used, nor have any aerial inspections, belowground root investigations, or soil, leaf or root samples been taken for further testing or analysis.

5.5. Trees were assessed during visits conducted between 8th and 11th August 2023 and the information gathered during the survey pertains to that moment in time. The observations within this report will remain valid for two years from the date of inspection. It is recommended that trees are inspected again within two years of the date of this report to assess what works are required for reasons of good arboricultural management and to enable the client to manage their legal reasonability in terms of tree risk management.

5.6. The location of trees places reliance on the accuracy of the topographical survey unless otherwise caveated within the report.

5.7. All works recommendation as a result of the survey should be undertaken by a suitably qualified and insured arborist in accordance with BS3998:2020 *Tree Works – Recommendations* to prevent any structural or physiological impairment to trees.

Appendix 1: Tree Survey Criteria (BS5837:2012)

The assessment of the trees has been carried out in accordance with the guidance provided in Annexe C of BS5837, which requires that any tree on or influencing distance of the site with a stem diameter of over 75mm at 1.5m above ground level be recorded.

Stem diameter measurements were taken using a girthing tape or Biltmore stick, and in accordance with Annexe D of BS5837.

Height, crown spread, and canopy clearance measurements are recorded in accordance with the measurement convention detailed in paragraph 4.4.2.6 of BS5837.

The trees are categorised in an order defined in **Table 1** of BS5837, a copy of which can be seen below in **Figure 1**, but which can be summarised as:

- **Category A** Trees of high quality and value in such a condition as to be able to make a substantial contribution for a minimum of 40 years.
- **Category B** Trees of moderate quality and value in such a condition as to make a significant contribution for a minimum 20 years.
- **Category C** Trees of low quality and value currently in adequate condition and able to remain until new planting can be established with a minimum useful life expectancy of 10 years, and young trees with a stem diameter less than 150mm.
- **Category U** Trees in poor structural condition or physiological decline that cannot be realistically retained in the context of current land use for more than 10 years.

Further subcategories 1-3 indicate the area(s) in which a tree or group retention value lies.

- Mainly arboricultural.
- Mainly landscape.
- Mainly cultural, including conservation.

Table 1 **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 the 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**.*			See Table 2
	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	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	See Table 2
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	See Table 2
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	See Table 2

Appendix 2 – Photographic Record

Figure 1. Trees on Penrose Quay N8.

Figure 2. Self-sown vegetation on grass verge between industrial area and River

Figure 3. Self-sown vegetation by industrial area.

Figure 4. Street trees on Lower Glanmire Road N8.

Figure 5. Declining street trees on Glanmire Road N8.

Figure 6. Well established trees in Port of Cork 2000 Garden.

Figure 7. Mature trees on Tivoli Estate that have been heavily pruned for overhead cable clearance.

Figure 8. Mature treeline on Tivoli Estate.

Figure 9. Trees to far east of Tivoli Estate that have been 'topped' for overhead cable clearance.

Figure 10. Shelterbelt planting along N8 carriageway.

Figure 11. Self-sown oak saplings in grass verges by Dunkettle Roundabout.

Appendix 3 – Calculation of the Root Protection Area

Circle Radius

The circle radius has been calculated by obtaining the stem diameter (measured at 1.5m above the ground) in millimetres and multiplying it by 12. Where the tree is multi-stemmed, an average stem diameter is calculated by the following formula specified in section 4.6.1 (a) & (b) of BS5837.

For trees with two to five stems, the combined stem diameter should be calculated as follows:

$$\sqrt{(\text{stem diameter 1})^2 + (\text{stem diameter 2})^2 \ldots + (\text{stem diameter 5})^2}$$

For trees with more than five stems (not illustrated in Annex C), the combined stem diameter should be calculated as follows:

$$\sqrt{(\text{mean stem diameter})^2 \times \text{number of stems}}$$

This total is then divided by 1000 to provide a circle radius in metres.

RPA Areas

The RPA has been assessed according to the recommendations set out in section 4.6 of BS5837. It is calculated by multiplying the radius squared by 3.142 (π).

Length of sides of a square

Section 5.5.3 of BS5837 recommends that the ground protection and barriers should be shown as a polygon surrounding the stem of the tree. With a circle, the distance from the edge of the circle to the centre will remain constant, but with a square, the distance from the centre of the tree to the sides of the square is less than the distance to the corner of the square. The area of the square must remain the same as the area of the circle. In order to ensure that it is
the case, the length of side of the square is calculated at the square root of the RPA area.

Minimum barrier distance

This is the closest point that a side of the square can be to the centre of the tree.

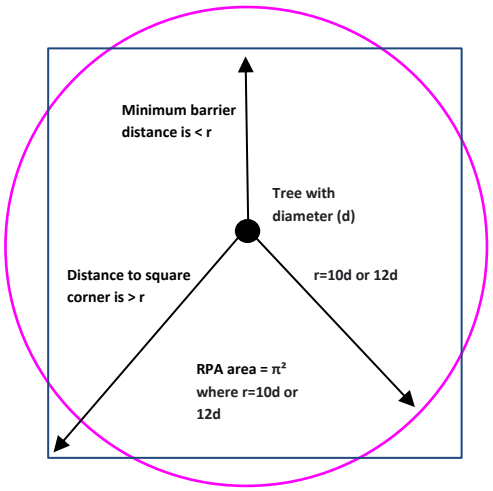

Figure 1. Illustration of area calculations and minimum barrier distances

Figure 1 illustrates the differences between a square and a circle in area. Where the distance from the centre of the tree to the corner of the square is greater than the radius of the circle (r), but the distance from the centre of the tree to the side of the square is greater than the radius of the circle (r), the total area will remain the same. The minimum barrier distance from the tree is calculated by taking the length of the side and dividing it by two.

Clarification note on the RPA radius

The RPA radius is not the automatic minimum distance of the tree protection. It is a notional figure for use as a means of calculating the actual area of the RPA. BS5837 clarifies this under *Section 3.7 Root Protection Area (RPA) – layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the trees viability, and where the protection of the roots and soil structure is treated as a priority.*

Client	Atkins
Project / Site	Glanmire to City Centre Cycle Route
Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation	20+	2	Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:	*G - Group*	*H - Hedgerow*	*W - Woodland*	*P - Tree is on private land*	**Tree is not on topographical survey and therfore position remains indicitive*	*# Measurements estimated (tree is inaccessible)*	

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
1	0001	Purple sycamore	*Acer pseudoplatanus 'Purpurea'*	7	230	1	4	3	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	23	3
2	0002	Norway maple	*Acer platanoides*	8	290	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	41	4
3	0003	Sycamore	*Acer pseudoplatanus*	7	270	1	3	4	3	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	34	3
4	0004	Norway maple	*Acer platanoides*	7	240	1	3	4	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	28	3
5	0005	Norway maple	*Acer platanoides*	8	220	1	3	5	3	4	N/a	N/a	N/a	SM	Poor	Fair	Single stem forming spreading crown, dieback throughout, small deadwood <25mmÃ„, in raised brick planter.	Reduce height and radial by 0.5m. Remove deadwood.	10+	C1	23	3
6	0006	Sycamore	*Acer pseudoplatanus*	6	220	1	3	3	3	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, small bark wound occluding well, in raised brick planter.	None.	20+	B1	23	3
7	0007	Purple sycamore	*Acer pseudoplatanus 'Purpurea'*	6	180	1	3	3	3	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	14	2
8	0008	Norway maple	*Acer platanoides*	7	230	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	23	3
9	0009	Norway maple	*Acer platanoides*	8	300	1	5	3	5	5	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	41	4
10	0010	Norway maple	*Acer platanoides*	7	250	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	28	3
11	0011	Norway maple	*Acer platanoides*	6	260	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in raised brick planter.	None.	20+	B1	28	3
12	0012	Sycamore	*Acer pseudoplatanus*	5	165	1	3	1	1	2	N/a	N/a	N/a	SM	Fair	Fair	Two stems from base forming compact crown, pruned over fence with crown dieback, self-sown in verge by fence.	None.	10+	C1	14	2
13	0013	Ash (Common)	*Fraxinus excelsior*	4	165	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Two stems from base forming compact crown, Hymenosycphus fraxineus, self-sown in grass verge by fence.	None.	<10	U	14	2
14	0014	Ash (Common)	*Fraxinus excelsior*	5	155	1	3	2	1	2	N/a	N/a	N/a	SM	Poor	Poor	Two stems from base forming assymetric crown, Hymenosycphus fraxineus with severe crown dieback, self-sown in grass verge by fence.	None.	<10	U	10	2
15	0015	Sycamore	*Acer pseudoplatanus*	5	150	1	3	3	2	3	N/a	N/a	N/a	SM	Poor	Fair	Single stem forming compact crown, growing through gap in fence, self-sown in grass verge.	Fell to prevent damage to fence.	10+	C1	10	2
G16	0016	Sycamore	*Acer pseudoplatanus*	5	140	1	1	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Multistem group with compact crown, crown dieback, self-sown in grass verge by fence.	None.	<10	U	10	2
G17	0017	Mixed species group	*N/a*	6	160	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Mixed species group comprising 1 alder, 2 sycamore and buddleia, self-sown in grass verge.	None.	10+	C1	10	2
18	0018	Sycamore	*Acer pseudoplatanus*	4	120	1	1	1	1	1	N/a	N/a	N/a	SM	Poor	Poor	Single stem forming compact crown, severe crown dieback, in grass verge.	None.	<10	U	7	2
19	0019	Ash (Commom)	*Fraxinus excelsior*	4	120	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Two stems from base forming compact crown, Hymenosycphus fraxineus with severe crown dieback, self-sown in grass verge	None.	<10	U	7	2
20	0020	Ash Common)	*Fraxinus excelsior*	3	140	1	1	1	1	1	N/a	N/a	N/a	SM	Poor	Poor	Single stem forming compact crown, Hymenosycphus with severe crown dieback, self-sown in grass verge.	None.	<10	U	10	2
G21	0021	Alder (Common)	*Alnus glutinosa*	5	180	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Cluster of 4 forming compact crown, self-sown in grass verge.	None.	10+	C2	14	2
22	0022	Mixed species group	*N/a*	5	120	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Dense mixed species group comprising Japanese knotweed, buddleia and occasional sycamore sapling.	None.	<10	U	7	2

Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation	20+	2	Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:	*G - Group*	*H - Hedgerow*	*W - Woodland*	*P - Tree is on private land*	**Tree is not on topographical survey and therfore position remains indicitive*	*# Measurements estimated (tree is inaccessible)*	

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
23	0023	Red maple	*Acer rubrum*	7	240	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming spreading crown, girdling roots, surrounded by tarmac.	Reduce by 0.5m.	10+	C1	28	3
24	0024	Red maple	*Acer rubrum*	8	230	1	3	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming spreading crown, surrounded by tarmac.	Reduce by 0.5-1m.	10+	C1	23	3
25	0025	Red maple	*Acer rubrum*	6	230	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming compact crown, surrounded by tarmac.	-	10+	C1	23	3
26	0026	Red maple	*Acer rubrum*	7	200	1	3	4	4	3	N/a	N/a	N/a	SM	Fair	Fair	Three leaders from 2m forming spreading crown, dieback, surrounded by tarmac.	Reduce by 0.5-1m.	10+	C1	18	2
27	0027	Box leaf maple	*Buxus sempervirens*	7	140	1	3	3	3	3	N/a	N/a	N/a	SM	Poor	Poor	Three leaders from 2m forming compact crown, severe crown dieback, surrounded by tarmac.	Fell.	<10	U	10	2
28	0028	Sycamore	*Acer pseudoplatanus*	6	240	1	2	3	4	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, surrounded by tarmac.	None.	0+	C1	28	3
29	0029	Sycamore	*Acer pseudoplatanus*	5	170	1	2	2	2	2	N/a	N/a	N/a	SM	Poor	Poor	Two leaders from 2m forming compact crown, severe crown dieback, surrounded by tarmac.	Fell.	<10	U	14	2
30	0030	Sycamore	*Acer pseudoplatanus*	5	110	1	1	1	1	1	N/a	N/a	N/a	SM	Poor	Poor	Single stem forming compact crown, severe crown dieback, dying.	Fell.	<10	U	5	1
31	0031	Small Leaf Lime	*Tilia cordata*	9	300	1	5	5	5	5	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown, surrounded by tarmac.	Reduce by 0.5m. Remove deadwood. Remove epicormic growth from stem.	10+	C1	41	4
32	0032	Norway maple	*Acer platanoides*	6	200	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 3m forming spreading crown, dieback throughout crown, surrounded by tarmac.	Reduce by 0.5m. Remove deadwood.	10+	C1	18	2
33	0033	Norway maple	*Acer platanoides*	7	200	1	4	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 2m forming spreading crown, surrounded by tarmac.	None.	10+	C1	18	2
34	0034	Norway maple	*Acer platanoides*	5	120	1	2	2	3	2	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming compact crown, surrounded by tarmac.	None.	10+	C1	7	2
35	0035	Norway maple	*Acer platanoides*	5	150	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, surrounded by tarmac.	None.	10+	C1	10	2
36	0036	Norway maple	*Acer platanoides*	8	190	1	4	3	3	3	N/a	N/a	N/a	SM	Poor	Fair	Single stem forming spreading crown, crown dieback and narcosis, surrounded by tarmac.	Reduce by 0.5-1m. Remove torn limb over footpath.	10+	C1	18	2
37	0037	Norway maple	*Acer platanoides*	7	200	1	4	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, surrounded by tarmac.	None.	10+	C1	18	2
38	0038	Norway maple	*Acer platanoides*	7	120	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming spreading crown, surrounded by tarmac.	None.	10+	C1	7	2
39	0039	Norway maple	*Acer platanoides*	7	150	1	3	3	3	3	N/a	N/a	N/a	SM	Poor	Fair	Single stem forming compact crown, dieback, surrounded by tarmac.	Reduce by 0.5m. Remove deadwood.	10+	C1	10	2
40	0040	Norway maple	*Acer platanoides*	5	110	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Three leaders from 2m forming compact crown, severe crown dieback, surrounded by tarmac.	Fell.	<10	U	5	1
41	0041	Norway maple	*Acer platanoides*	7	140	1	3	2	3	3	N/a	N/a	N/a	SM	Poor	Poor	Single stem forming compact crown, severe crown dieback, dying, underground services, surrounded by tarmac.	Fell.	<10	U	10	2
42	0042	Norway maple	*Acer platanoides*	7	170	1	3	3	3	3	N/a	N/a	N/a	SM	Poor	Poor	Three leaders from 2m forming compact crown,severe crown dieback, underground services, surrounded by tarmac.	Fell	<10	C1	14	2
43	0043	Norway maple	*Acer platanoides*	7	180	1	3	3	4	3	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming compact crown, surrounded by tarmac.	None.	10+	C1	14	2
44	0044	Norway maple	*Acer platanoides*	7	210	1	4	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Three leaders from 2m forming spreading crown, dieback in upper crown, surrounded by tarmac.	None.	10+	C1	18	2
45	0045	Norway maple	*Acer platanoides*	6	160	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Three leaders from 2m forming compact crown, dieback in lower crown, surrounded by tarmac.	None.	10+	C1	10	2
46	0046	Norway maple	*Acer platanoides*	6	150	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming compact crown, surrounded by tarmac.	None.	10+	C1	10	2

Reference	23-364-01
Survey Date	8th - 11th August 2023

John Morris Arboricultural Consultancy

Abreviation	Definition	Age Class		Physiological Condition		Structural Condition		Category		U.L.E	Sub category	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation	20+	2	Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:							

Suffix: *G - Group H - Hedgerow W - Woodland P - Tree is on private land *Tree is not on topographical survey and therfore position remains indicitive # Measurements estimated (tree is inaccessible)*

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m) N	E	S	W	C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
47	0047	Sweedish whitebeam	*Sorbus intermedia*	7	310	1	4	6	6	3	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 3m forming spreading crown, deadwood throughout crown, underground services, surrounded by tarmac.	Reduce by 1m. Remove deadwood.	10+	C1	41	4
48	0048	Sweedish whitebeam	*Sorbus intermedia*	5	220	1	2	3	4	3	N/a	N/a	N/a	SM	Fair	Poor	Two leaders from 2m forming spreading crown, lean, basal wound with decay into root plate, surrounded by tarmac.	None.	<10	U	23	3
49	0049	Norway maple	*Acer platanoides*	7	230	1	4	3	4	3	N/a	N/a	N/a	EM	Fair	Fair	Two leaders from 2m forming spreading crown, dieback in upper crown, surrounded by tarmac.	None.	10+	C1	23	3
50	0050	Norway maple	*Acer platanoides*	5	110	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, severe crown dieback throughout, surrounded by tarmac.	Fell	<10	U	5	1
51	0051	Norway maple	*Acer platanoides*	6	140	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, dieback, surrounded by tarmac.	Remove deadwood.	10+	C1	10	2
52	0052	Norway maple	*Acer platanoides*	8	150	1	4	3	3	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, severe crown dieback, underground services, surrounded by tarmac.	Reduce by 1m. Remove deadwood.	10+	C1	10	2
53	0053	Norway maple	*Acer platanoides*	7	160	1	3	2	2	2	N/a	N/a	N/a	SM	Poor	Fair	Two leaders from 3m forming compact crown, severe crown dieback, surrounded by tarmac.	Fell.	<10	U	10	2
54	0054	Norway maple	*Acer platanoides*	7	190	1	4	3	3	3	N/a	N/a	N/a	SM	Poor	Fair	Three leaders from 2m forming spreading crown, crown dieback throughout, surrounded by tarmac.	Reduce by 0.5m. Remove deadwood.	10+	C1	18	2
55	0055	Norway maple	*Acer platanoides*	8	180	1	3	3	4	3	N/a	N/a	N/a	SM	Fair	Fair	Three leaders from 2m forming compact crown, dieback throughout crown, surr by tarmac.	Reduce by 0.5m. Remove deadwood.	10+	C1	14	2
56	0056	Norway maple	*Acer platanoides*	8	180	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Three leaders from 3m forming compact crown, dieback, surrounded by tarmac.	Remove deadwood.	10+	C1	14	2
57	0057	Norway maple	*Acer platanoides*	7	170	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 3m forming compact crown, dieback throughout crown, surrounded by tarmac.	Reduce by 0.5m. Remove deadwood.	10+	C1	14	2
58	0058	Norway maple	*Acer platanoides*	8	220	1	4	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 2m forming compact crown, dieback in upper crown, surrounded by tarmac.	None.	10+	C1	23	3
59	0059	Silver birch	*Betula pendula*	7	260	1	3	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming compact crown, dieback in upper crown, basal wound occluding well, surrounded by tarmac.	None.	10+	C1	28	3
60	0060	Palm	*Phoenix sp.*	5	250	1	2	2	2	2	N/a	N/a	N/a	EM	Poor	Fair	Two stems from base, compact crown, dieback.	None.	10+	C1	28	3
61	0061	Palm	*Phoenix sp.*	5	200	1	1	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming compact crown, dieback.	None.	10+	C1	18	2
62	0062	Palm	*Phoenix sp.*	4	220	1	1	1	2	2	N/a	N/a	N/a	EM	Poor	Fair	Single stem forming compact crown, dieback.	None.	10+	C1	23	3
63	0063	Palm	*Phoenix sp.*	4	240	1	2	2	2	2	N/a	N/a	N/a	EM	Poor	Fair	Single stem forming compact crown, dieback.	None.	10+	C1	28	3
64	0064	Palm	*Phoenix sp.*	4	240	1	1	1	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	28	3
65	0065	Palm	*Phoenix sp.*	4	210	1	1	1	1	1	N/a	N/a	N/a	EM	Poor	Fair	Single stem forming compact crown, dieback.	None.	10+	C1	18	2
66	0066	Alder (Common)	*Alnus glutinosa*	5	190	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	18	2
67	0067	Hornbeam (Group)	*Carpinus betulus*	10	310	1	5	4	5	4	N/a	N/a	N/a	EM	Fair	Fair	Group of three forming homogeneous spreading canopy.	None.	20+	B1	41	4
68	0068	Sessile oak	*Quercus petraea*	11	290	1	4	6	4	6	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown.	None.	20+	B1	41	4
69	0069	Sessile oak	*Quercus petraea*	10	250	1	4	4	3	4	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown.	None.	20+	B1	28	3
70	0070	Silver birch	*Betula pendula*	8	310	1	3	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown.	None.	20+	B1	41	4
71	0071	Silver birch	*Betula pendula*	14	410	1	6	6	5	4	N/a	N/a	N/a	M	Fair	Fair	Single stem forming broad spreading crown with weeping foliage.	None.	20+	B1	72	5
72	0072	Mana ash	*Fraxinus ornus*	12	470	1	5	5	5	5	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 2m forming broad spreading crown.	None.	20+	B1	102	6

Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
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C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
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Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
73	0073	Mana ash	*Fraxinus ornus*	8	360	1	5	6	5	3	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 2m forming spreading crown, third leader has failed in past with large strip wound to base, wound occluding well.	None.	10+	C1	55	4
74	0074	Silver birch	*Betula pendula*	3	100	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown.	None.	10+	C1	5	1
75	0075	Silver birch	*Betula pendula*	9	230	1	4	4	4	5	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown with weeping foliage.	None.	20+	B1	23	3
76	0076	Hawthorn (Common)	*Crataegus monogyna*	3	100	1	1	1	1	1	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming suppressed compact crown, severe crown dieback.	None.	10+	C1	5	1
77	0077	Himalayan birch	*Betula utilis*	10	240	1	4	3	4	5	N/a	N/a	N/a	EM	Fair	Fair	Four leaders from 2m forming spreading crown.	None.	20+	B1	28	3
78	0078	Himalayan birch	*Betula utilis*	10	230	1	4	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown.	None.	20+	B1	23	3
79	0079	Himalayan birch	*Betula utilis*	10	230	1	4	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Two leaders from 2m forming spreading crown.	None.	20+	B1	23	3
80	0080	Himalayan birch	*Betula utilis*	10	250	1	4	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Two leaders from 2m forming spreading crown.	None.	20+	B1	28	3
81	0081	Himalayan birch	*Betula utilis*	11	260	1	4	3	4	3	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 2m forming spreading crown.	None.	20+	B1	28	3
82	0082	Rowan / Mountain Ash	*Sorbus aucuparia*	9	390	1	3	3	3	3	N/a	N/a	N/a	M	Fair	Fair	Two stems from base forming spreading crown.	None.	20+	B1	72	5
83	0083	Rowan / Mountain Ash	*Sorbus aucuparia*	9	400	1	3	3	4	4	N/a	N/a	N/a	M	Fair	Fair	Two stems from base forming spreading crown.	None.	20+	B1	72	5
84	0084	Rowan / Mountain Ash	*Sorbus aucuparia*	8	425	1	2	4	5	3	N/a	N/a	N/a	M	Fair	Fair	Four stems from base forming spreading crown.	None.	20+	B1	82	5
85	0085	Hornbeam	*Carpinus betulus*	10	270	1	3	1	3	3	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown with dense foliage	None.	20+	B1	34	3
86	0086	Hornbeam	*Carpinus betulus*	11	280	1	4	4	1	2	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown with dense.	None.	20+	B1	34	3
87	0087	Hornbeam	*Carpinus betulus*	10	280	1	1	3	3	3	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown with dense foliage.	None.	20+	B1	34	3
88	0088	Yew	*Taxus baccata*	6	240	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, clad with vine and ivy, surrounded by shrubs.	None.	10+	C1	28	3
89	0089	Rowan / Mountain Ash	*Sorbus aucuparia*	5	120	1	3	3	2	2	N/a	N/a	N/a	SM	Fair	Fair	Two stems from 0.5m forming compact crown.	None.	10+	C1	7	2
90	0090	Rowan / Mountain Ash	*Sorbus aucuparia*	5	90	1	1	2	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown, severe crown dieback, dying.	None.	<10	U	5	1
G91	0091	Cotoneaster (Group)	*Cotoneaster sp.*	6	240	1	3	3	3	3	N/a	N/a	N/a	EM	Fair	Fair	Dense ivy clad group surrounded by dense vegetation, behind kerb.	None.	10+	C2	28	3
92	0092	Downey birch	*Betual pubescens*	12	420	1	7	4	6	4	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming broad spreading crown, surrounded by dense vegetation behind kerb.	None.	20+	B1	82	5
93	0093	Downey birch	*Betual pubescens*	11	280	1	6	5	5	3	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming broad spreading crown, surrounded by dense vegetation behind kerb.	None.	20+	B1	34	3
94	0094	Downey birch	*Betual pubescens*	8	250	1	5	5	4	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming spreading crown, surrounded by dense vegetation behind kerb.	None.	20+	B1	28	3
95	0095	Himalayan birch	*Betula utilis*	7	160	1	3	4	5	5	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in grass verge behind kerb.	None.	20+	B1	10	2
96	0096	Silver birch	*Betula pendula*	6	170	1	2	3	3	3	N/a	N/a	N/a	EM	Fair	Fair	Single leaning stem forming compact crown with weeping foliage, in verge behind kerb.	None.	10+	C1	14	2
97	0097	Himalayan birch	*Betula utilis*	6	120	1	1	2	2	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming compact crown, surrounded by vegetation behind kerb.	None.	10+	C1	7	2
98	0098	Cotoneaster	*Cotoneaster sp.*	5	160	1	4	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Multistem from base forming assymetric crow, surrounded by dense vegetation behind kerb.	None.	10+	C1	10	2
99	0099	Norway maple	*Acer platanoides*	10	320	1	4	4	4	5	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown, topped	None.	10+	C1	48	4
100	0100	Silver maple	*Acer saccharinum*	10	590	1	4	4	4	5	N/a	N/a	N/a	M	Fair	Fair	Three leaders from 3m forming spreading crown, topped.	None.	10+	C1	163	7

Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation	20+	2	Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:	*G - Group*	*H - Hedgerow*	*W - Woodland*	*P - Tree is on private land*	**Tree is not on topographical survey and therfore position remains indicitive*	*# Measurements estimated (tree is inaccessible)*	

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
101	0101	Silver maple	*Acer saccharinum*	10	510	1	4	4	5	4	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 2m forming spreading crown, topped.	None.	10+	C1	113	6
102	0102	Silver maple	*Acer saccharinum*	10	440	1	4	3	5	2	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 3m forming spreading crown, topped.	None.	10+	C1	92	5
103	0103	Silver maple	*Acer saccharinum*	10	480	1	5	5	5	2	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 3m forming spreading crown, topped.	None.	10+	C1	102	6
104	0104	Lime (Small leaf)	*Tilia cordata*	4	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
105	0105	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
106	0106	Lime (Small leaf)	*Tilia cordata*	3	90	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
107	0107	Lime (Small leaf)	*Tilia cordata*	4	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
108	0108	Lime (Small leaf)	*Tilia cordata*	4	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
109	0109	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
110	0110	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
111	0111	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
112	0112	Lime (Small leaf)	*Tilia cordata*	3	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
113	0113	Sycamore	*Acer pseudoplatanus*	7	230	1	4	5	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in verge by car park.	None.	10+	C1	23	3
114	0114	Purple sycamore	*Acer pseudoplatanus 'Purpurea'*	7	290	1	5	3	3	4	N/a	N/a	N/a	SM	Fair	Fair	Two leaders from 2m forming spreading crown	None.	10+	C1	41	4
115	0115	Lime (Small leaf)	*Tilia cordata*	4	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown	None.	10+	C1	3	1
116	0116	Sweedish whitebeam	*Sorbus intermedia*	7	470	1	3	4	4	4	N/a	N/a	N/a	M	Fair	Fair	Single stem forming spreading crown	None.	20+	B1	102	6
117	0117	Norway maple	*Acer platanoides*	8	390	1	5	4	5	6	N/a	N/a	N/a	M	Fair	Fair	Single stem forming spreading crown	None.	20+	B1	72	5
118	0118	Lime (Small leaf)	*Tilia cordata*	13	780	1	6	5	6	7	N/a	N/a	N/a	M	Fair	Fair	Two stems from 1m forming broad spreading crown	None.	20+	B1	272	9
119	0119	Norway maple	*Acer platanoides*	8	320	1	5	5	5	4	N/a	N/a	N/a	EM	Fair	Fair	Four leaders from 2m forming spreading crown	None.	20+	B1	48	4
120	0120	Silver birch	*Betula pendula*	8	320	1	2	2	2	3	N/a	N/a	N/a	M	Fair	Fair	Single stem forming compact crown with weeping foliage	None.	20+	B1	48	4
121	0121	Silver birch	*Betula pendula*	11	420	1	4	1	4	4	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown with weeping foliage	None.	20+	B1	82	5
122	0122	Norway maple	*Acer platanoides*	11	540	1	5	2	4	3	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	None.	20+	B1	137	7
123	0123	Norway maple	*Acer platanoides*	13	600	1	6	5	6	4	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 2m forming broad spreading crown	None.	20+	B1	163	7
124	0124	Norway maple	*Acer platanoides*	12	490	1	5	3	5	3	N/a	N/a	N/a	M	Fair	Fair	Four leaders from 2m forming spreading crown	None.	20+	B1	113	6
125	0125	Norway maple	*Acer platanoides*	12	560	1	6	6	6	5	N/a	N/a	N/a	M	Fair	Fair	Three leaders from 2m forming broad spreading crown	None.	20+	B1	137	7
126	0126	Lime (Small leaf)	*Tilia cordata*	3	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
127	0127	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
128	0128	Lime (Small leaf)	*Tilia cordata*	3	90	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
129	0129	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
130	0130	Lime (Small leaf)	*Tilia cordata*	4	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
131	0131	Lime (Small leaf)	*Tilia cordata*	4	100	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
132	0132	Lime (Small leaf)	*Tilia cordata*	4	100	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
133	0133	Lime (Small leaf)	*Tilia cordata*	4	100	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
134	0134	Lime (Small leaf)	*Tilia cordata*	4	100	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
135	0135	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
136	0136	Lime (Small leaf)	*Tilia cordata*	4	70	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
137	0137	Lime (Small leaf)	*Tilia cordata*	4	90	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
138	0138	Lime (Small leaf)	*Tilia cordata*	4	90	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
139	0139	Lime (Small leaf)	*Tilia cordata*	4	90	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	5	1
140	0140	Lime (Small leaf)	*Tilia cordata*	3	80	1	1	1	1	1	N/a	N/a	N/a	Y	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	3	1
141	0141	Silver birch	*Betula pendula*	3	320	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming compact crown, topped.	None.	10+	C1	48	4
142	0142	Silver birch	*Betula pendula*	6	350	1	1	3	4	5	N/a	N/a	N/a	Dead	Dead	Dead	Single stem forming spreading crown, dead.	Fell.	<10	U	55	4
143	0143	Silver maple	*Acer saccharinum*	16	620	1	3	3	6	10	N/a	N/a	N/a	M	Fair	Poor	Two leaders from 3m forming assymetric spreading crown, previous limb failure roadside.	Reduce by 3-4m	10+	C1	177	8

Reference	23-364-01											
Survey Date	8th - 11th August 2023											
Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**			**U.L.E**	**Sub category**
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation		40+	1 Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation		20+	2 Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation		10+	3 Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention		<10	
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:	*G - Group H - Hedgerow W - Woodland P - Tree is on private land *Tree is not on topographical survey and therfore position remains indicitive # Measurements estimated (tree is inaccessible)*						

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m) N	E	S	W	C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
144	0144	Silver maple	*Acer saccharinum*	16	560	1	5	5	7	6	N/a	N/a	N/a	M	Fair	Fair	Single stem forming broad spreading crown	Reduce by 2-3m.	20+	B1	137	7
145	0145	Lime (Small leaf)	*Tilia cordata*	14	490	1	3	3	5	4	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 3m forming spreading crown	None.	20+	B1	113	6
146	0146	Lime (Small leaf)	*Tilia cordata*	10	580	1	2	5	6	6	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	Remove ivy	20+	B1	150	7
147	0147	London plane	*Platanus x hispanica*	11	610	1	3	3	6	4	N/a	N/a	N/a	M	Fair	Fair	Two ivy clad leaders from 2m forming spreading crown	None.	20+	B1	163	7
148	0148	London plane	*Platanus x hispanica*	16	540	1	4	5	7	5	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 3m forming broad spreading crown	None.	10+	B1	137	7
149	0149	London plane	*Platanus x hispanica*	15	630	1	7	4	8	3	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 3m forming broad spreading crown	None.	20+	B1	177	8
150	0150	London plane	*Platanus x hispanica*	15	790	1	7	7	8	4	N/a	N/a	N/a	M	Fair	Fair	Single stem forming broad spreading crown	None.	10+	B1	290	10
151	0151	London plane	*Platanus x hispanica*	15	560	1	6	4	7	5	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 2m forming spreading crown	None.	20+	B1	137	7
152	0152	London plane	*Platanus x hispanica*	15	700	1	7	7	7	5	N/a	N/a	N/a	M	Fair	Fair	Two leaders from 4m forming broad spreading crown	None.	10+	B1	222	8
153	0153	Hornbeam	*Carpinus betulus*	5	290	1	1	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown	Remove ivy	10+	C1	41	4
154	0154	Hornbeam	*Carpinus betulus*	10	300	1	2	1	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown	Remove ivy	10+	C1	41	4
155	0155	Lime (Small leaf)	*Tilia cordata*	12	560	1	3	4	6	5	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	None.	20+	B1	137	7
156	0156	Hornbeam	*Carpinus betulus*	9	250	1	1	1	1	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown	None.	10+	C1	28	3
157	0157	Hornbeam	*Carpinus betulus*	10	300	1	2	1	4	3	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown	Remove ivy	10+	C1	41	4
158	0158	Hornbeam	*Carpinus betulus*	10	280	1	2	1	4	1	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown	Remove ivy	10+	C1	34	3
159	0159	Hornbeam	*Carpinus betulus*	11	300	1	2	1	3	1	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown	Remove ivy	10+	C1	41	4
160	0160	Hornbeam	*Carpinus betulus*	9	380	1	3	4	3	1	N/a	N/a	N/a	EM	Fair	Fair	Two ivy clad leaders from 2m forming compact crown.	Remove ivy	10+	C1	64	5
161	0161	Hornbeam	*Carpinus betulus*	7	350	1	2	2	1	2	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming compact crown.	None.	10+	C1	55	4
162	0162	Silver maple	*Acer saccharinum*	12	550	1	4	4	5	7	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming broad spreading crown	Remove epicormic growth and ivy to allow full visual inspection	20+	B1	137	7
163	0163	Silver maple	*Acer saccharinum*	14	670	1	3	5	6	5	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	Remove epicormic growth and ivy to allow full visual inspection	20+	B1	206	8
164	0164	Lime (Small leaf)	*Tilia cordata*	12	590	1	3	5	5	4	N/a	N/a	N/a	M	Fair	Fair	Three ivy clad leaders from 2m forming spreading crown	Remove ivy	20+	B1	163	7
165	0165	Lime (Small leaf)	*Tilia cordata*	12	570	1	3	5	5	5	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	Remove ivy	20+	B1	150	7
166	0166	Norway maple	*Acer platanoides*	12	480	1	2	2	2	3	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming compact crown	Remove ivy	10+	C1	102	6
167	0167	Lime (Small leaf)	*Tilia cordata*	12	640	1	3	5	5	5	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	Remove ivy to allow full visual inspection	20+	B1	191	8
168	0168	Lime (Small leaf)	*Tilia cordata*	5	440	1	3	3	3	4	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	92	5
169	0169	Mana ash	*Fraxinus ornus*	11	540	1	2	3	4	2	N/a	N/a	N/a	M	Fair	Fair	Three leaders from 2m forming spreading crown	None.	10+	C1	137	7
170	0170	Mana ash	*Fraxinus ornus*	11	550	1	3	5	4	5	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming spreading crown	None.	20+	B1	137	7
171	0171	Silver birch	*Betula pendula*	7	250	1	2	1	1	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact with weeping foliage.	None.	10+	C1	28	3
172	0172	Mana ash	*Fraxinus ornus*	8	330	1	3	4	3	2	N/a	N/a	N/a	EM	Fair	Fair	Two leaders from 2m forming compact crown.	None.	10+	C1	48	4
173	0173	Mana ash	*Fraxinus ornus*	6	580	1	2	4	2	2	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem forming compact crown.	Remove ivy to allow full visual inspection.	10+	C1	150	7

Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation	20+	2	Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:	G - Group	H - Hedgerow	W - Woodland	P - Tree is on private land	*Tree is not on topographical survey and therfore position remains indicitive	# Measurements estimated (tree is inaccessible)	

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
174	0174	Ash (Common)	*Fraxinus excelsior*	9	510	1	2	4	4	5	N/a	N/a	N/a	M	Fair	Fair	Four leaders from 2m forming spreading crown	None.	10+	C1	113	6
175	0175	Purple sycamore	*Acer pseudoplatanus 'Purpurea'*	11	390	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown	None.	10+	C1	72	5
176	0176	Sycamore	*Acer pseudoplatanus*	10	430	1	2	4	4	4	N/a	N/a	N/a	M	Fair	Fair	Single stem forming spreading crown	None.	10+	C1	82	5
177	0177	Purple sycamore	*Acer pseudoplatanus 'Purpurea'*	10	340	1	2	4	4	3	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 2m	None.	10+	C1	55	4
178	0178	Sycamore (Pair)	*Acer pseudoplatanus*	10	480	1	2	5	4	4	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem, self-sown semi mature Sycamore from base.	Remove ivy to allow full visual inspection.	10+	C1	102	6
179	0179	Purple sycamore	*Acer pseudoplatanus 'Purpurea'*	10	550	1	2	5	4	5	N/a	N/a	N/a	M	Fair	Fair	Single ivy clad stem 10+	Remove ivy to allow full visual inspection.	-	C1	137	7
180	0180	Norway maple	*Acer platanoides*	10	320	1	1	3	4	1	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 2m forming spreading crown, heavily pruned north to provide overhead cable clearance.	None.	10+	C1	48	4
181	0181	Norway maple	*Acer platanoides*	8	360	1	2	5	4	4	N/a	N/a	N/a	EM	Fair	Fair	Single stem forming spreading crown, heavily pruned north for overhead cable clearance.	None.	10+	C1	55	4
182	0182	Ash (Common)	*Fraxinus excelsior*	10	420	1	4	5	4	5	N/a	N/a	N/a	EM	Poor	Poor	Three ivy clad leaders from 2m forming spreading crown, Hymenosycphus fraxineus with crown dieback and deadwood <50mmÃ¸.	Fell.	<10	U	82	5
183	0183	Norway maple	*Acer platanoides*	8	310	1	3	4	4	4	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 1m forming spreading crown.	None.	20+	B1	41	4
184	0184	Norway maple	*Acer platanoides*	6	290	1	2	3	2	3	N/a	N/a	N/a	SM	Fair	Fair	Three ivy clad leaders from 1m forming compact crown, topped.	None.	10+	C1	41	4
185	0185	Ash (Common)	*Fraxinus excelsior*	4	290	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	41	4
186	0186	Lime (Small leaf)	*Tilia cordata*	4	280	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	34	3
187	0187	Norway maple	*Acer platanoides*	4	310	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	41	4
188	0188	Lime (Small leaf)	*Tilia cordata*	4	320	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	48	4
189	0189	Norway maple	*Acer platanoides*	4	300	1	1	1	1	1	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	41	4
190	0190	Lime (Small leaf)	*Tilia cordata*	3	460	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	92	5
191	0191	Lime (Small leaf)	*Tilia cordata*	3	360	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
192	0192	Lime (Small leaf)	*Tilia cordata*	4	350	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
193	0193	Norway maple	*Acer platanoides*	4	240	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
194	0194	Lime (Small leaf)	*Tilia cordata*	4	410	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	72	5
195	0195	Lime (Small leaf)	*Tilia cordata*	3	360	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
196	0196	Lime (Small leaf)	*Tilia cordata*	4	320	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	48	4
197	0197	Lime (Small leaf)	*Tilia cordata*	4	370	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	64	5
198	0198	Lime (Small leaf)	*Tilia cordata*	4	320	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	48	4
199	0199	Lime (Small leaf)	*Tilia cordata*	3	350	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
200	0200	Lime (Small leaf)	*Tilia cordata*	4	350	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4

Reference	23-364-01
Survey Date	8th - 11th August 2023

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H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
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C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
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Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
201	0201	Lime (Small leaf)	*Tilia cordata*	4	340	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
202	0202	Lime (Small leaf)	*Tilia cordata*	4	350	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
203	0203	Lime (Small leaf)	*Tilia cordata*	4	380	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	64	5
204	0204	Lime (Small leaf)	*Tilia cordata*	4	400	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	72	5
205	0205	Sycamore	*Acer pseudoplatanus*	4	250	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
206	0206	Lime (Small leaf)	*Tilia cordata*	4	380	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	64	5
207	0207	Lime (Small leaf)	*Tilia cordata*	3	400	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	72	5
208	0208	Lime (Small leaf)	*Tilia cordata*	3	320	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	48	4
209	0209	Lime (Small leaf)	*Tilia cordata*	3	340	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
210	0210	Sycamore	*Acer pseudoplatanus*	3	280	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	34	3
211	0211	Lime (Small leaf)	*Tilia cordata*	3	360	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
212	0212	Norway maple	*Acer platanoides*	4	260	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
213	0213	Norway maple	*Acer platanoides*	4	210	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	18	2
214	0214	Sycamore	*Acer pseudoplatanus*	4	200	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	18	2
215	0215	Norway maple	*Acer platanoides*	4	250	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
216	0216	Norway maple	*Acer platanoides*	4	230	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	23	3
217	0217	Norway maple	*Acer platanoides*	3	280	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	34	3
218	0218	Sycamore	*Acer pseudoplatanus*	4	230	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	23	3
219	0219	Sycamore	*Acer pseudoplatanus*	4	240	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
220	0220	Sycamore	*Acer pseudoplatanus*	4	260	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
221	0221	Sycamore	*Acer pseudoplatanus*	4	240	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
222	0222	Norway maple	*Acer platanoides*	4	240	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	28	3
223	0223	Sycamore (var)	*Acer pseudoplatanus*	3	220	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	23	3
224	0224	Lime (Small leaf)	*Tilia cordata*	4	420	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	82	5
225	0225	Lime (Small leaf)	*Tilia cordata*	4	360	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
226	0226	Lime (Small leaf)	*Tilia cordata*	4	370	1	2	2	2	2	N/a	N/a	N/a	EM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	64	5
227	0227	Lime (Small leaf)	*Tilia cordata*	4	340	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
228	0228	Lime (Small leaf)	*Tilia cordata*	4	340	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	55	4
229	0229	Hornbeam	*Carpinus betulus*	3	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
230	0230	Ash (Common)	*Fraxinus excelsior*	4	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
231	0231	Hornbeam	*Carpinus betulus*	4	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2

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							N	E	S	W												
232	0232	Ash (Common)	*Fraxinus excelsior*	3	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
233	0233	Hornbeam	*Carpinus betulus*	3	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
234	0234	Ash (Common)	*Fraxinus excelsior*	4	130	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
235	0235	Hornbeam	*Carpinus betulus*	4	130	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
236	0236	Ash (Common)	*Fraxinus excelsior*	4	80	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
237	0237	Hornbeam	*Carpinus betulus*	4	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
238	0238	Hornbeam	*Carpinus betulus*	3	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
239	0239	Ash (Common)	*Fraxinus excelsior*	2	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
240	0240	Hornbeam	*Carpinus betulus*	3	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
241	0241	Ash (Common)	*Fraxinus excelsior*	4	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
242	0242	Hornbeam	*Carpinus betulus*	4	100	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
243	0243	Ash (Common)	*Fraxinus excelsior*	4	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
244	0244	Hornbeam	*Carpinus betulus*	3	110	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
245	0245	Hornbeam	*Carpinus betulus*	3	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
246	0246	Ash (Common)	*Fraxinus excelsior*	3	110	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
247	0247	Ash (Common)	*Fraxinus excelsior*	3	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
248	0248	Hornbeam	*Carpinus betulus*	3	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
249	0249	Ash (Common)	*Fraxinus excelsior*	4	100	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
250	0250	Alder (Common)	*Alnus glutinosa*	3	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
251	0251	Ash	*Malus sp.*	3	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
252	0252	Hornbeam	*Carpinus betulus*	3	70	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
253	0253	Ash (Common)	*Fraxinus excelsior*	3	80	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	3	1
254	0254	Ash (Common)	*Fraxinus excelsior*	2	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
255	0255	Hornbeam	*Carpinus betulus*	3	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
256	0256	Ash (Common)	*Fraxinus excelsior*	3	110	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
257	0257	Hornbeam	*Carpinus betulus*	4	130	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
258	0258	Ash (Common)	*Fraxinus excelsior*	4	130	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
259	0259	Hornbeam	*Carpinus betulus*	4	120	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	7	2
260	0260	Ash (Common)	*Fraxinus excelsior*	5	140	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	10	2
261	0261	Hornbeam	*Carpinus betulus*	4	110	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1
262	0262	Hornbeam	*Carpinus betulus*	4	90	1	2	2	2	2	N/a	N/a	N/a	Y	Fair	Fair	Single ivy clad stem forming compact crown, topped.	None.	10+	C1	5	1

Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
H	Height (m)	Y (Young)	Newly planted (<10 yrs old)	Good	No obvious health problems	Good	No visible defects	A	High value and conservation	40+	1	Mainly arboricultural
Stem Dia.	Stem diameter (mm)	SM (Semi-mature)	First third of life expectancy	Fair	Intervention may improve health	Fair	Defects may require intervention	B	Moderate value and conservation	20+	2	Mainly landscape
C.C	Crown clearance (m)	EM (Early mature)	Second third of life expectancy	Poor	Serious ill health or dying	Poor	Dangerous or no remedy	C	Low value and conservation	10+	3	Mainly cultural
L.B.H	Lowest (significant) branch height (m)	M (Mature)	Full age for species					U	Not suitable for retention	<10		
L.B.D	Direction of lowest (significant) branch	OM (Over mature)	Beyond life expectancy & in decline									
U.L.E	Minimum useful life expectancy (yrs)	V (Veteran)	Ancient characteristics or conservation value		Suffix:	*G - Group*	*H - Hedgerow*	*W - Woodland*	*P - Tree is on private land*	**Tree is not on topographical survey and therfore position remains indicitive*	*# Measurements estimated (tree is inaccessible)*	

Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
263	0263	Sycamore	*Acer pseudoplatanus*	7	280	1	3	4	3	4	N/a	N/a	N/a	SM	Fair	Fair	Multistem from base forming spreading crown, dense epicormic growth obscuring full visual inspection, on railway line.	None.	10+	C1	34	3
G264	0264	Mixed Species Group	*N/a*	8	270	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Dense multistem self-sown group comprising sycamore and willow, along verge of railway track	None.	10+	C2	34	3
265	0265	Sycamore	*Acer pseudoplatanus*	5	220	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single self-sown stem in verge by railway track, causing damage to steel palisade boundary fence (behind whitebeam).	Fell.	10+	C1	23	3
266	0266	Sycamore	*Acer pseudoplatanus*	8	280	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single self-sown stem forming spreading crown, in verge by railway track.	None.	10+	C1	34	3
267	0267	Sycamore	*Acer pseudoplatanus*	8	270	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Two self-sown stems forming homogeneous canopy, in verge by railway track (behind electric box).	None.	10+	C1	34	3
268	0268	Sycamore	*Acer pseudoplatanus*	9	300	1	4	2	4	3	N/a	N/a	N/a	EM	Fair	Fair	Multistem self-sown group forming spreading canopy, in verge by railway track.	None.	10+	C1	41	4
269	0269	Holm oak	*Quercus ilex*	8	490	1	6	7	6	7	N/a	N/a	N/a	EM	Fair	Fair	Multistem from base forming spreading crown.	None.	20+	B1	113	6
270	0270	Whitebeam	*Sorbus aria*	7	270	1	5	4	5	3	N/a	N/a	N/a	EM	Fair	Fair	Three leaders from 2m forming spreading crown	None.	10+	C1	34	3
271	0271	Norway maple	*Acer platanoides*	8	280	1	2	1	5	3	N/a	N/a	N/a	EM	Fair	Fair	Two leaders from 3m forming suppressed assymetric crown.	None.	10+	C1	34	3
272	0272	Cotoneaster	*Cotoneaster sp.*	8	250	1	3	5	5	3	N/a	N/a	N/a	M	Fair	Fair	Single stem forming spreading crown (by storm drain)	None.	10+	C1	28	3
273	0273	Norway maple	*Acer platanoides*	7	240	1	5	2	3	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, limb damage in lower crown.	None.	10+	C1	28	3
274	0274	Sessile oak	*Quercus petraea*	4	180	1	2	1	3	2	N/a	N/a	N/a	SM	Fair	Poor	Single stem, root plate failure due to collision.	None.	<10	U	14	2
275	0275	Norway maple	*Acer platanoides*	7	240	1	4	2	2	2	N/a	N/a	N/a	SM	Fair	Poor	Four leaders from 0.5m, codominant limb failures leaving tear out wounds to stem (opposite Crimson King)	None.	<10	U	28	3
G276	0276	Mixed Species Group	*0*	6	180	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Dense mixed species group comprising cotoneaster, birch,Norway maple, sycamore, elder and buddleia.	None.	10+	C2	14	2
277	0277	Silver birch	*Betula pendula*	10	220	1	4	4	4	4	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	23	3
278	0278	Silver birch	*Betula pendula*	10	250	1	2	3	3	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	28	3
279	0279	Scots pine	*Pinus sylvestris*	12	260	1	2	2	1	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	28	3
280	0280	Silver birch	*Betula pendula*	10	240	1	3	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	28	3
281	0281	Scots pine	*Pinus sylvestris*	14	300	1	2	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	41	4
282	0282	Scots pine	*Pinus sylvestris*	12	180	1	2	1	2	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	14	2
283	0283	Scots pine	*Pinus sylvestris*	12	290	1	2	3	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	41	4
284	0284	Scots pine	*Pinus sylvestris*	12	160	1	1	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	10	2
285	0285	Silver birch	*Betula pendula*	10	190	1	2	3	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	18	2
286	0286	Silver birch	*Betula pendula*	10	215	1	1	2	1	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	23	3
287	0287	Silver birch	*Betula pendula*	9	220	1	2	2	2	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	23	3
288	0288	Scots pine	*Pinus sylvestris*	11	290	1	1	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	41	4
289	0289	Silver birch	*Betula pendula*	11	180	1	1	2	1	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	14	2

Reference	23-364-01
Survey Date	8th - 11th August 2023

Abreviation	**Definition**	**Age Class**		**Physiological Condition**		**Structural Condition**		**Category**		**U.L.E**	**Sub category**	
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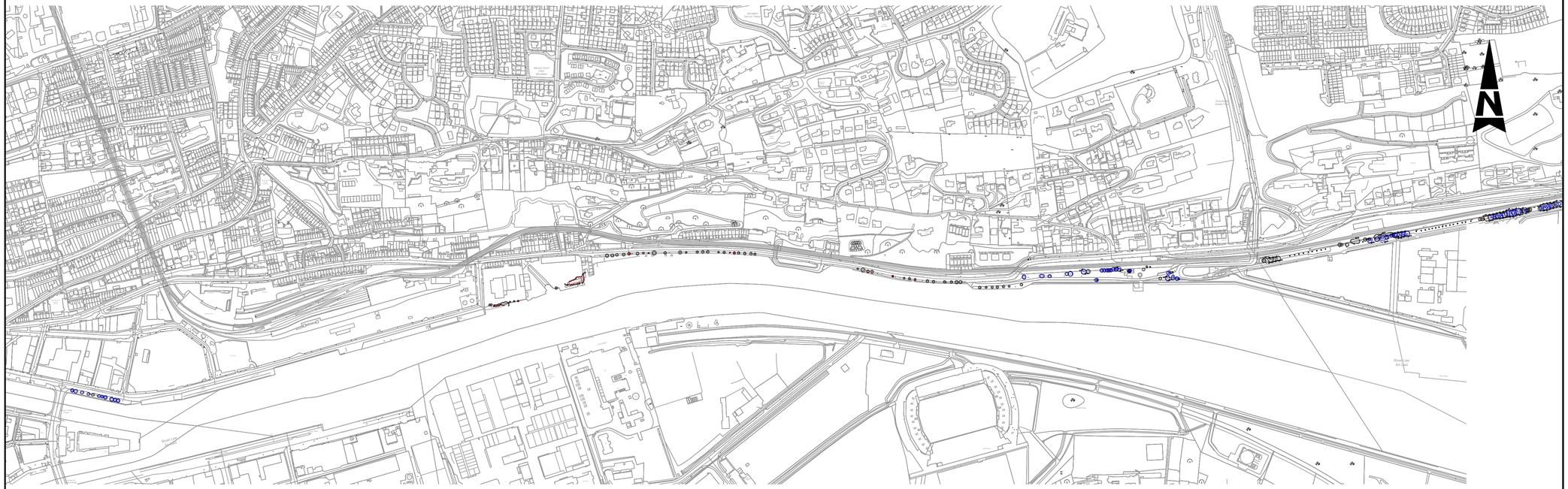
Tree No.	Tag No.	Species	Botanical Name	H (m)	Stem Dia.	No of Stems	Crown Spread (m)				C.C (m)	L.B.H (m)	L.B.D	Age	Physiological	Structural	Comments	Recommendations	U.L.E	Cat.	RPA (m2)	RPA Radial distance (m)
							N	E	S	W												
G290	0290	Alder (Common)	*Alnus glutinosa*	10	150	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Group of 10 forming spreading canopy, in roadside verge.	Remove dead stem	10+	C1	10	2
291	0291	Silver birch	*Betula pendula*	11	220	1	2	3	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	23	3
292	0292	Silver birch	*Betula pendula*	11	360	1	2	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, behind lamp post in roadside verge.	None.	10+	C1	55	4
293	0293	Silver birch	*Betula pendula*	11	280	1	1	2	2	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	34	3
G294	0294	Scots pine	*Pinus sylvestris*	12	140	1	3	3	3	3	N/a	N/a	N/a	SM	Fair	Fair	Dense ivy clad group of 17forming spreading canopy, in roadside verge.	Remove 3no. Dead/dying stems at end of group.	10+	C1	10	2
295	0295	Scots pine	*Pinus sylvestris*	12	120	1	2	2	3	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	7	2
296	0296	Oak (English)	*Quercus robur*	4	140	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown, in roadside verge.	None.	10+	C1	10	2
297	0297	Oak (English)	*Quercus robur*	4	120	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Small oak and other vegetation on verge by roundabout are <75mmø (on sloping bank by water.	None.	10+	C1	7	2
298	0298	Oak (English)	*Quercus robur*	4	80	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown.	None.	10+	C1	3	1
299	0299	Oak (English)	*Quercus robur*	4	140	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown.	None.	10+	C1	10	2
300	0300	Oak (English)	*Quercus robur*	4	100	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown.	None.	10+	C1	5	1
301	0301	Ash (Common)	*Fraxinus excelsior*	3	110	1	1	1	1	1	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming spreading crown.	None.	10+	C1	5	1
302	0302	Ash (Common)	*Fraxinus excelsior*	8	240	1	3	3	1	2	N/a	N/a	N/a	SM	Fair	Fair	Single stem forming suppressed assymetric crown.	None.	10+	C1	28	3
303	0303	Sycamore	*Acer pseudoplatanus*	10	410	1	5	6	6	5	N/a	N/a	N/a	SM	Fair	Fair	Single ivy clad stem forming spreading crown.	None.	10+	C1	72	5

G.2. Tree Survey Drawing

A1

0 10 100

DO NOT SCALE



EAST ROUTE PLAN
Scale at A1 1:5000
Scale at A3 1:10000

WEST ROUTE PLAN
Scale at A1 1:5000
Scale at A3 1:10000

GENERAL NOTES

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4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. REFER TO LANDSCAPE DRAWING FOR DETAILS OF HARD AND SOFT LANDSCAPING WITHIN THE VERGE
6. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

Risk Level		
	X	Atkins Base Line - Low Risk
		Atkins Sensitive - Medium Risk
		Atkins Private - High Risk
		Client Critical - Already Marked

NTA
Údarás Náisiúnta Iompair
National Transport Authority

Rev	Description	By	Date	Chk'd	Rev'd	Auth
0	FINAL ISSUE	SK	05/23	EON	EON	RAN

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Client: Cork City Council, City Hall, Anglesea Street, Cork, T12 T997

Project: Glanmire to City Cycle Route (Phase 2)

Purpose: PRELIMINARY ISSUE

Title: OVERALL PLAN
TREE SURVEY INFORMATION

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK	EON	EON	RAN
	Date 21.05.24	Date 21.05.24	Date 21.05.24	Date 21.05.24

Status	Drawing Number	Rev
A1	5218242-ATK-ZZ-ZZ-SK-CE-003001	0

File: 5218242-ATK-ZZ-ZZ-SK-CE-003001-003009.dwg
Date: May 21, 2024 - 10:52am Plotted by: skielok

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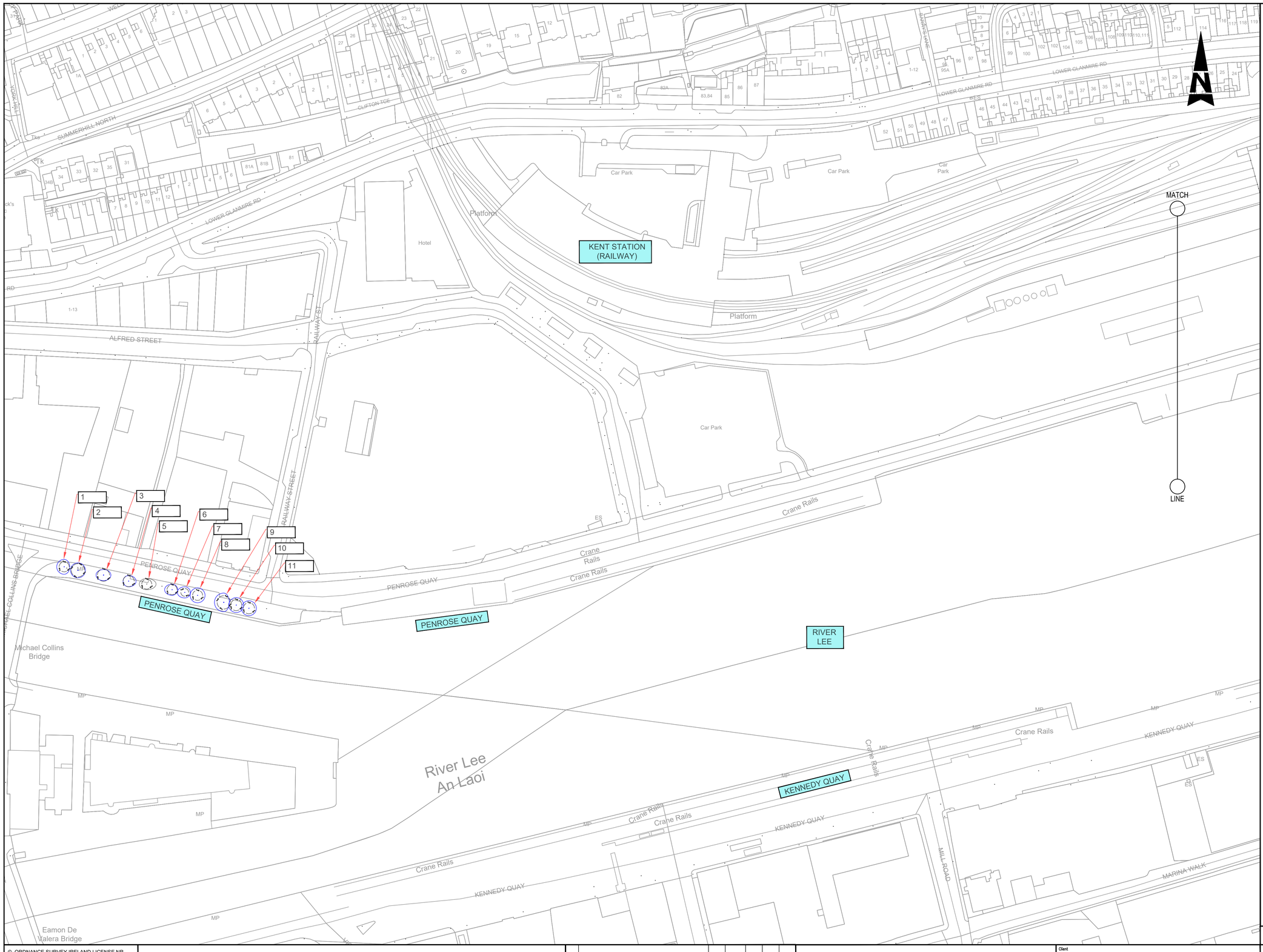

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A1

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Project: Glanmire to City Cycle Route (Phase 2)

Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN
TREE SURVEY INFORMATION
SHEET 1 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK Date 21.05.24	EON Date 21.05.24	EON Date 21.05.24	RAN Date 21.05.24

Status	Drawing Number	Rev
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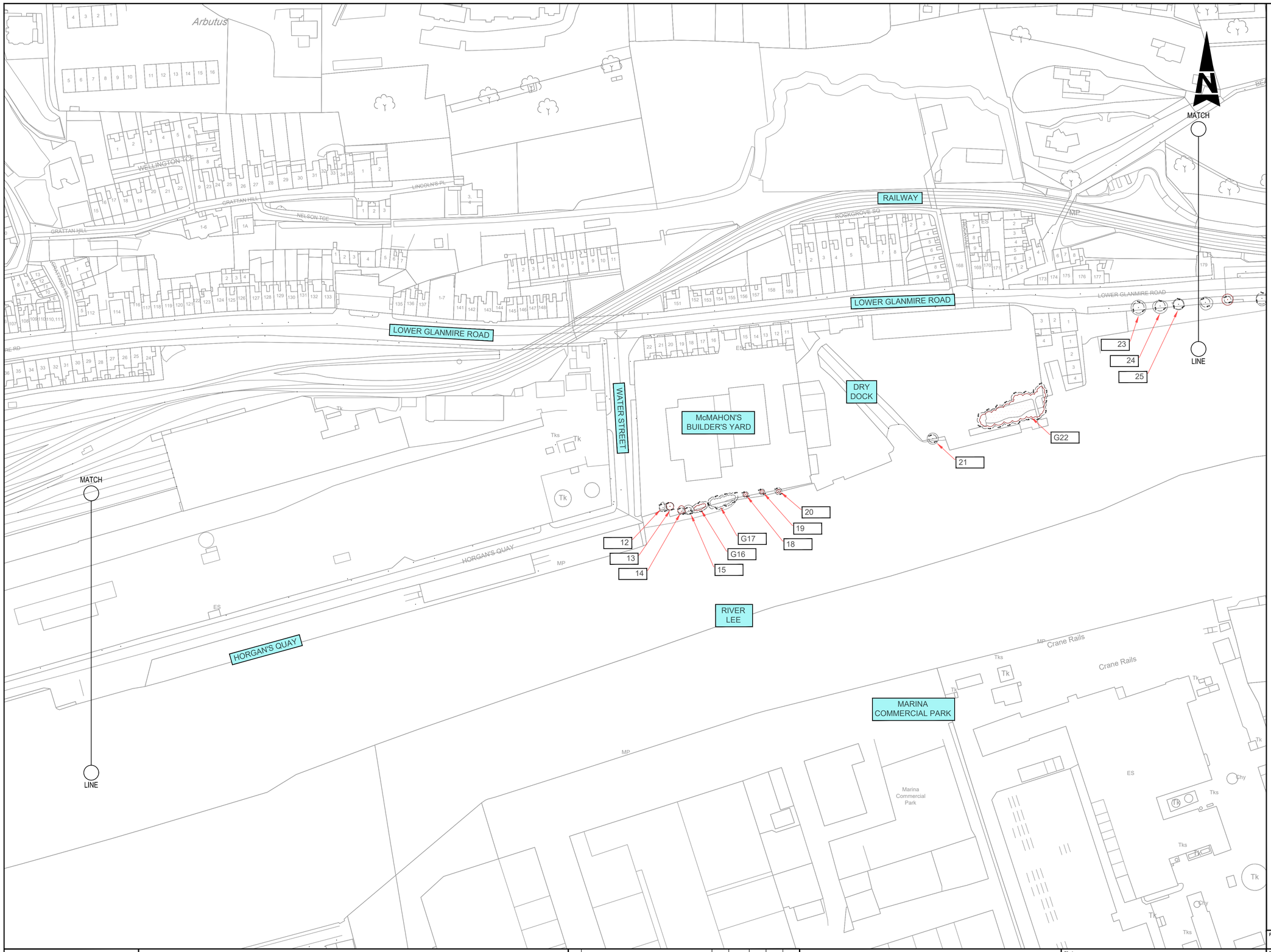

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Date: May 21, 2024 - 10:52am Plotted by: skeilok

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Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN TREE SURVEY INFORMATION SHEET 2 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK Date 21.05.24	EON Date 21.05.24	EON Date 21.05.24	RAN Date 21.05.24

Status	Drawing Number	Rev
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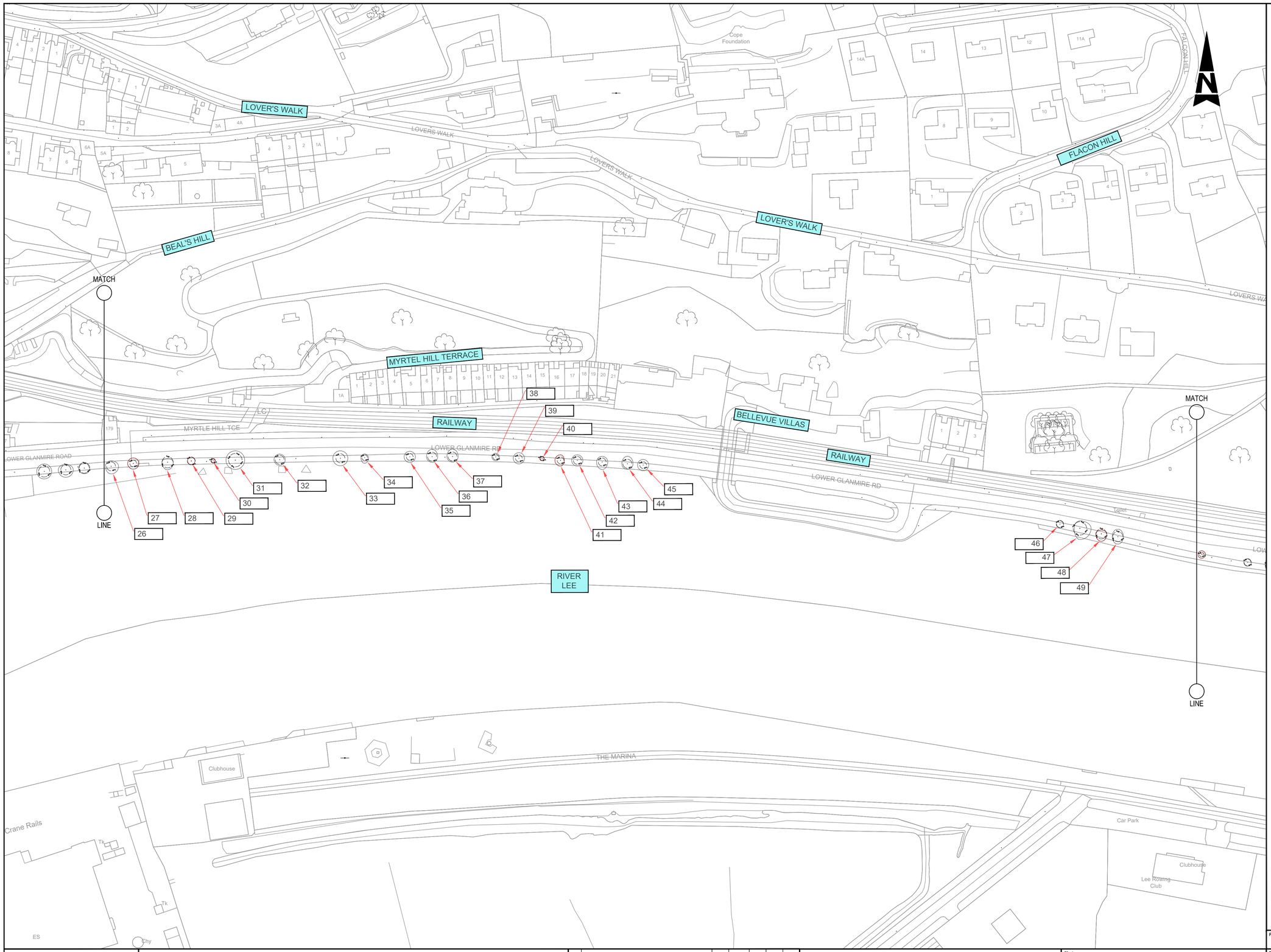

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Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN TREE SURVEY INFORMATION SHEET 3 OF 8

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1:5000 @ A1	SK Date 21.05.24	EON Date 21.05.24	EON Date 21.05.24	RAN Date 21.05.24

Status	Drawing Number	Rev
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Údarás Náisiúnta Iompair
National Transport Authority

Rev	Description	By	Date	Chk'd	Rev'd	Auth
0	FINAL ISSUE	SK	05/23	EON	EON	RAN

ATKINS
Member of the SNC-Lavalin Group

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Client: Cork City Council, City Hall, Anglesea Street, Cork, T12 T997

Project: Glanmire to City Cycle Route (Phase 2)

Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN
TREE SURVEY INFORMATION
SHEET 4 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK	EON	EON	RAN
	Date 21.05.24	Date 21.05.24	Date 21.05.24	Date 21.05.24

Status	Drawing Number	Rev
A1	5218242-ATK-ZZ-ZZ-SK-CE-003005	0

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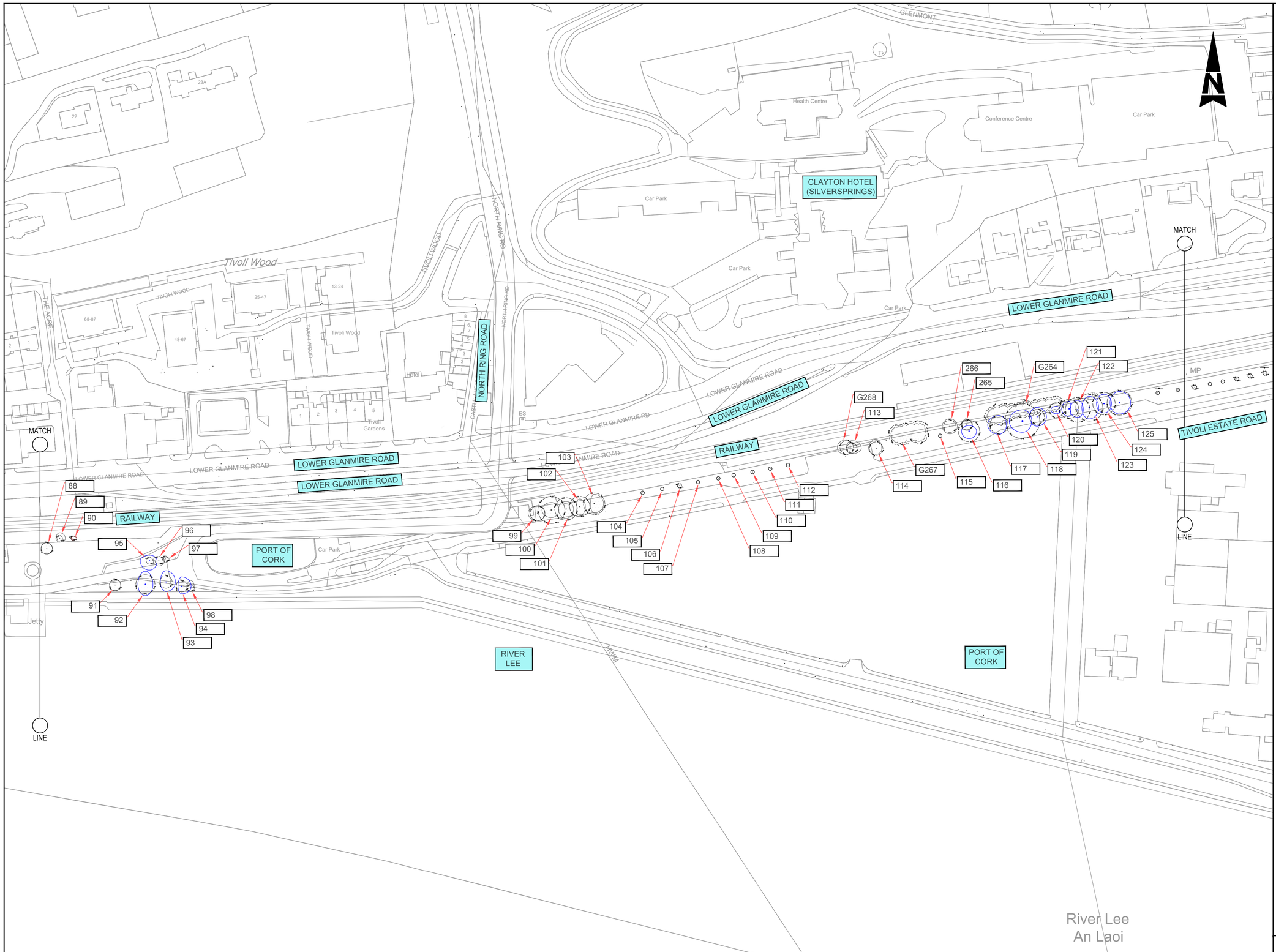

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. REFER TO LANDSCAPE DRAWING FOR DETAILS OF HARD AND SOFT LANDSCAPING WITHIN THE VERGE
6. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

Risk Level		
	X	Atkins Base Line - Low Risk
		Atkins Sensitive - Medium Risk
		Atkins Private - High Risk
		Client Critical - Already Marked

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Project: Glanmire to City Cycle Route (Phase 2)

Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN TREE SURVEY INFORMATION SHEET 5 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK 21.05.24	EON 21.05.24	EON 21.05.24	RAN 21.05.24

Status	Drawing Number	Rev
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Date: May 21, 2024 - 10:52am Plotted by: skellok

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DO NOT SCALE

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Date: May 21, 2024 - 10:52am Plotted by: skielok

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Client: Cork City Council, City Hall, Anglesea Street, Cork, T12 T997

Project: Glanmire to City Cycle Route (Phase 2)

Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN TREE SURVEY INFORMATION SHEET 6 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK Date 21.05.24	EON Date 21.05.24	EON Date 21.05.24	RAN Date 21.05.24

Status	Drawing Number	Rev
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Date: May 21, 2024 - 10:52am Plotted by: skelok

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Project: Glanmire to City Cycle Route (Phase 2)

Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN TREE SURVEY INFORMATION SHEET 7 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
1:5000 @ A1	SK Date 21.05.24	EON Date 21.05.24	EON Date 21.05.24	RAN Date 21.05.24

Status	Drawing Number	Rev
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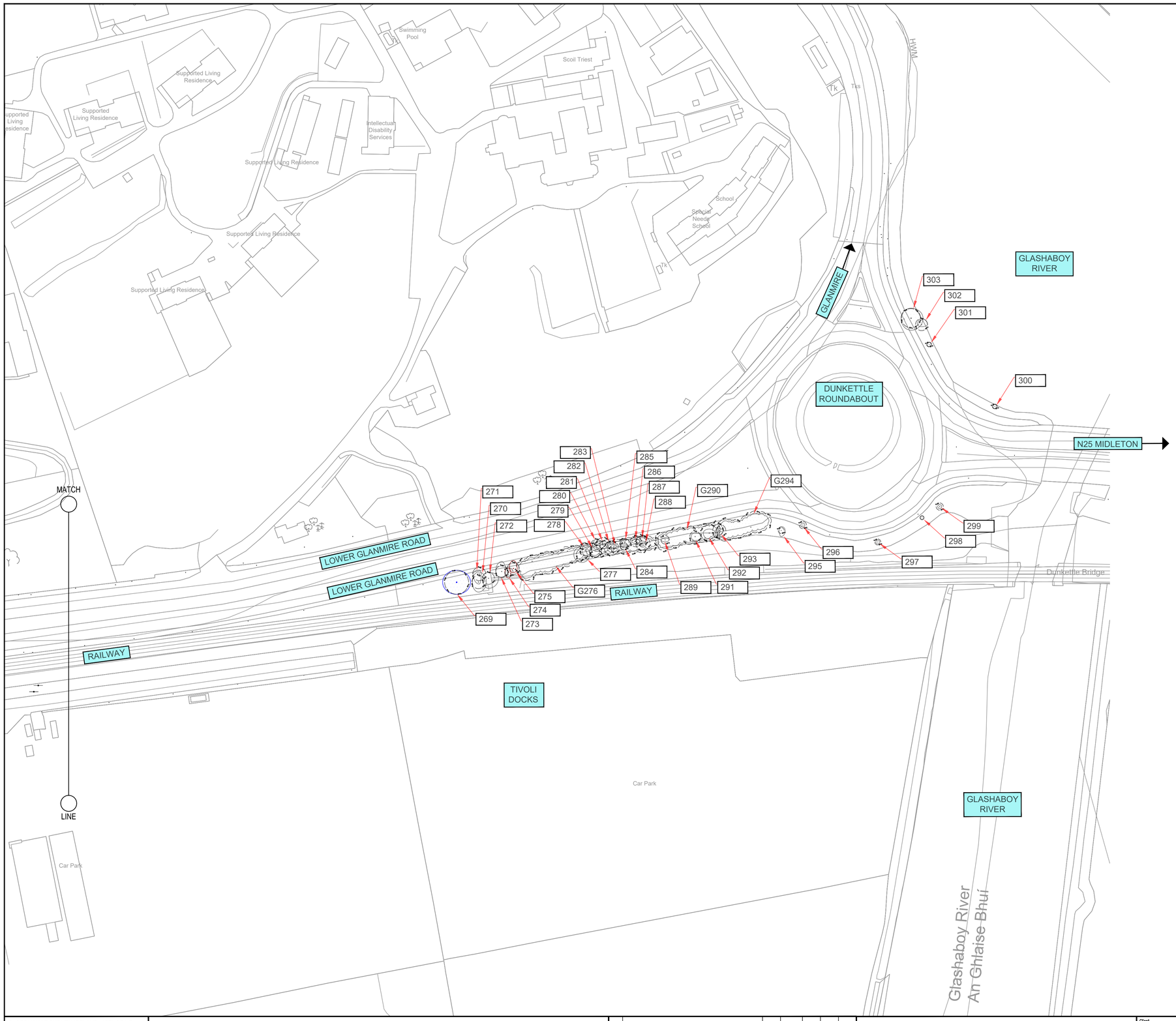

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DO NOT SCALE

File: 5218242-ATK-ZZ-ZZ-SK-CE-003001-003009.dwg
Date: May 21, 2024 - 10:52am Plotted by: skelelk

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Purpose: PRELIMINARY ISSUE

Title: LAYOUT PLAN
TREE SURVEY INFORMATION
SHEET 8 OF 8

Original Scale	Drawn	Checked	Reviewed	Authorised
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	Date 21.05.24	Date 21.05.24	Date 21.05.24	Date 21.05.24

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A1	5218242-ATK-ZZ-ZZ-SK-CE-003009	0

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