Appendix A17.1
Arboricultural Impact Assessment

CMK

Horticulture & Arboriculture Ltd.

Arboricultural Assessment, Report

Scheme 03: Ballymun To City Centre

Project No.	TBAL001	**Date**	24/08/22
Project Name	BUSCONNECTS Core Bus Corridors. Emerging Preferred Routes / Public Consultation	**Revision**	-

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Report Prepared by
Ciaran Keating
BSc Pl. Sci. & Ecol
H.N.D. Hort.
AA Tech. Cert. Arb.,
PG. Dip. Arbor. & Urban Forestry

E-mail: cmkhortandarb@gmail.com
Mobile: 087 1182343
Address: Drumone, Oldcastle, Co. Meath, A82FK79

1. Client brief & Methodology

CMK Hort + Arb Ltd. were commissioned by Roughan and O'Donovan (ROD) engineering consultancy on behalf of NTA (National Transport Authority). to undertake an arboricultural assessment of trees on a located between Aran Quay, Dublin 2 and the intersection of the Ballymun Road with Santry Cross, Ballymun, Dublin 11. The fieldwork was undertaken between the 1st of July and the 29th of July 2020.

The survey methodology, supporting drawings and documentation follow the recommendations contained within BS 5837 (2012). The analysis of the trees was undertaken using the VTA methodology as developed by Mattheck and Breloer (1994).

The trees locations were taken from co-ordinates provided by ROD in the PDF [BCIDD-ROT-ENV_LA-0003_XX_00-SK-LL-0001 (Tree Survey)]. Survey data was recorded using a GPS enabled Trimble Geo 7X and formatted to the naming convention as specified in Tree Survey Specification document (No: 19.117.07 TSSAS).

Image 1. Site overview with red line outline of survey boundary located at north Dublin city.

2. General discription of trees

A total of 740 trees were surveyed on the route. The tree categories are presented in table 1. A breakdown of tree species can be seen in chart 1. A description of individual trees can be found in Appendix A: individual and group tree schedule (page 7).

From Aran Quay to the Phibsborough Road bridge, there is a low density of urban tree stock, of which Norway maple *Acer platanoides* and London plane *Platanus* × *acerifolia* are the most common species located here. These trees are of a healthy mix of age profiles, with the majority being early mature. The largest single group of trees in this area, are within an wide open grass area on Constitution Hill. These benefit form these favourable soil conditions and are well developed as a result (image 2).

Saint Mobhi Road (image 3) with it's many mature London plane (*Platanus* × *acerifolia*) and Norway maple (*Acer platanoides*) hold the densest concentration of higher value trees (85% are category B&A). These trees hold high landscape and amenity value for local residents. With some noted practical drawbacks associated with abundant leaf fall and shading over properties.

Conversely, the largest concentration of less vigorous trees are found in the median areas between Our Lady of Victories Catholic Church and Griffith Avenue (images 4&5). With many trees in this area being of a younger age profile and suffering poor drainage.

In this area, hornbeams (*Carpinus betulus*) along many of these median areas suffer from a crowded planting environment. This was less of an issue during their juvenile/young growth stage (image 6), but as they mature, canopy growth is suppressed from neighbouring competition (image 7).

Within the Ballymun area, street trees are most commonly small leaved lime *Tilia cordata* and the majority are of young to early mature. These trees were planted circa 2000 and have not developed to their full potential, partly due to limited soil areas (image 9).

Category	Number	% of total
A	69	9.3%
B	425	57.4%
C	219	29.6%
U	74	10%

Table 1. Tree Category breakdown (see page 12 for tree category explanations).

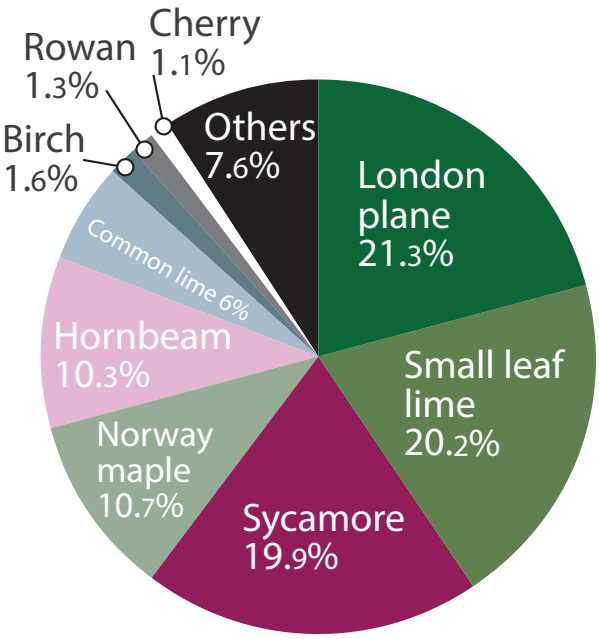


Chart 1. Tree species breakdown.

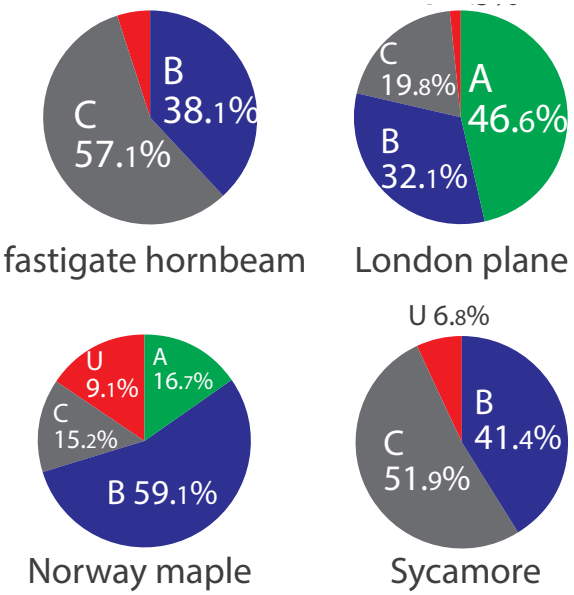


Chart 2. Tree category breakdown by most prevalent species.

3 Guidance for the design team with key considerations

A chief consideration regarding the retention of existing trees pertain to the protection of tree roots. Root growth is inhibited beneath roadways as they present effective barriers for root growth. This has the effect of promoting growth into open soil areas, such as grass verges, and to a lesser extent under paved footpaths.

This means that where roots are expected to be located within grass verges and near roadways, the verges will be expected to contain a greater mass of root volume. To protect existing trees the preservation of these verges areas must be considered. The accompanying survey impact drawings (BCIDD-ROT-ENV_LA-0304_ML_00-DR-LL-0001_CMK Pg.1-22) reflect these greater RPA (Root Protection Area) impacts.

Within the northern area of the route (north of Glasnevin Avenue), trees planted within the central median represent much of the total number of local amenity tree stock (image 7). Neighbourhoods to the south have access to trees in high density urban parks (e.g. Albert College Park). Ballymun contains a distinct lack of public urban trees and as such, the effect any of retained stock will have a higher beneficial impact for local residents in this area. In cases where this is not possible, new landscaping alternatives should be given greater emphasis.

Many of the median areas will have adjustments made to existing contours to accommodate new lanes on roadways. As the existing space is limited within these areas, with some less than 1.5m wide, small adjustments can have a significant impact on roots. As noted in Appendix A: individual and group tree schedule, some of these areas contain trees in a poor condition and in such cases the best approach is to replace with a new generation of healthier trees.

Image 2. Lime trees on Constitution Hill.

Image 3. Saint Mobhi Road with mature London plane and Norway maple.

Image 4. Sycamore and Norway maple adjacent to Our Lady of Victories church.

Image 5. Trees of mixed vigor located in the median areas between Our Lady of Victories Catholic Church and Griffith Avenue.

Image 6 Hornbeams adjacent to Albert College Park in 2010.

Image 7. Hornbeams adjacent to Albert College Park in 2020 (same trees as image 6).

Image 8. A large beech (03-T228) dominates the entrance to DCU.

Image 9. Lime trees within central median in Ballymun.

4. Statutory or non-statutory designations affecting trees within the survey area

No TPO (Tree Preservation Orders) or SACs (Special Area of Conservation) are designated for trees withing the survey area.

As stated in the Dublin City Tree Strategy 2016–2020, "Trees are a valuable functional component of the urban landscape – they also make a significant contribution to people's health and quality of life". The strategy affirms its objective as "a proactive and systematic good practice approach to tree management and inspection with the aim of promoting good tree health, condition, diversity, public amenity and a balanced age profile."

This document lays out strategies where outcomes are to ensure a balance tree health and public safety and comfort, were reasonable.

A greater emphasis is now placed on biodiversity and habitat then before. Where retaining trees, when safe, is considered desirable to promote the encouragement of native species. This includes standing deadwood and the retention of ivy growth on trees (except where removal is necessary to aid visual tree health assessment or where ivy growth is excessive and adversely affecting tree health).

While there are no Tree Protection Orders (TPOs) on any of the trees on this site, however unless planning permission which clearly identifies trees for removal has been granted then under Section 7 of the Forestry Act 2014 a person wishing to fell trees must apply to the minister for a licence to do so.

Exempted trees: Section 19 states that the requirement for a felling licence for the uprooting or cutting down of trees does not apply where:

- The tree in question is standing in an urban area
- The tree is considered dangerous and hazardous.
- The tree is within 10m of a public road and regarded as hazardous
- The tree in question is less than 100 ft. / 30m from a dwelling other than a wall or temporary structure;
- The tree in question is a hazel, apple, plum, damson, pear, or cherry tree grown for the value of its fruit or any ozier;

Other exceptions apply in the case of local authority road construction, road safety and electricity supply operations.

The Act is administered by the Forest Service (Department of Agriculture, Fisheries and Food). The Felling Section of the Forest Service is based in Johnstown Castle, Co. Wexford (053-9160200 or 1890-200223).

If any queries arise regarding tree felling in general it is recommended that advice is sought from Felling Section of the Forest Service or the local forestry development officer for further information.

Bats

Trees may contain bats. Bats are afforded legal protection under Irish and EU legislation and agreements (Wildlife Act (1976), Wildlife (Amendment) Act (2000), S.I. No. 94 of 1997 and S.I. No. 378 OF 2005 implementing the EU Habitats Directive, Bonn Convention (The Convention on the Conservation of Migratory Species of Wild Animal) and the Bern Convention (Convention on the Conservation of European Wildlife and Natural Habitats).

Trees provide roosting opportunities for bats. Mature trees are the most likely to have potential as roost sites. This may be provided by cavities, crevices, limb fractures, storm damage or mechanical damage and may even be by way of loose bark. Felling of mature trees and even surgery to large limbs may place bats at risk and both procedures remove roosting sites for bats.

Professional advice from a licenced surveyor should be sought prior to any works commencing on trees.

5. Arboricultural Impact

Design team meetings were strongly influenced by existing trees. With an overall objective to retain the maximum number of good quality trees were constraints of the infrastructure upgrade allowed.

The direct impact of the proposed construction (table 2) will necessitate the removal of 22.4% of the existing category A, B & C trees (refer to drawings BCIDD-ROT-ENV_LA-0304_ML_00-DR-LL-0001_CMK Pg.1-22). Only 4 category A trees will be removed. In addition, all category U trees (3.6%) will be removed.

The removal of trees will be most pronounced within central median areas where planned realignments to accommodate new lanes will impact roots and lead to tree failures. As noted in Appendix A: individual and group tree schedule, many of these groups of trees are currently suffering from poor soil conditions and crowded spacing. This leaves them in a worse position to recover from local disturbances.

Where the largest concentration of higher quality trees are located within Saint Mobhi Road, increased measures of care are recommended to reduce construction impact on roots (also detailed within Appendix A).

	Category A High value trees	Category B Moderate value trees	Category C Lower value trees	Category U Failed or failing trees	Total
Retain	65	314	168	-	547
Remove to facilitate construction	4	111	51	-	166
Remove for sound arboricultural practice	-	-	-	27	27
Category totals	69	425	219	27	**740**
Trees subject to an RPA incursion)	54	57	18	0	**129**
Trees to be pruned to facilitate the Proposed Development	2	9	2	0	**13**

Table 2. Arboricultural Impact breakdown.

6. Arboricultural Method Statement

This section gives general guidance on methods of work to minimise damage to trees. For privately owned trees, the owner (or their agent), should be consulted at an early stage prior to the commencement of any works. This will reduce the potential for future conflict between trees and works.

6.1 Below Ground

Wherever trees are present, precautions should be taken to minimise damage to their root systems. As the shape of the root system is unpredictable, there should be control and supervision of any works, particularly if this involves excavating through the surface 600mm, where the majority of roots develop.

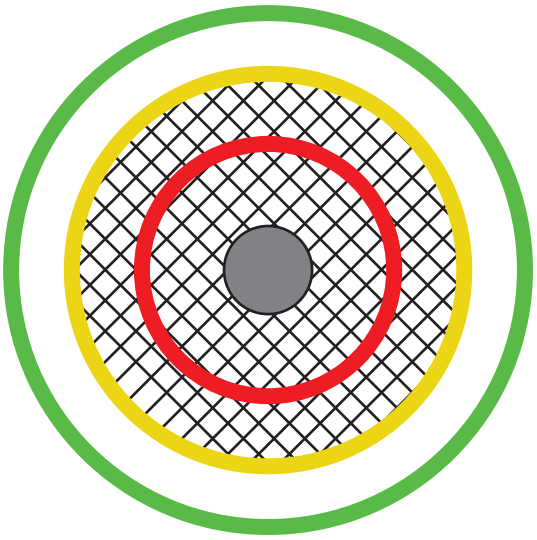
6.1.1 Fine Roots

Fine roots are vulnerable to desiccation once they are exposed to the air. Larger roots have a bark layer which provides some protection against desiccation and temperature change. The greatest risk to these roots occurs when there are rapid fluctuations in air temperature around them e.g. frost and extremes of heat. It is therefore important to protect exposed roots where a trench is to be left open overnight where there is a risk of frost. In winter, before leaving the site at the end of the day, the exposed roots should be wrapped with dry sacking. This sacking must be removed before the trench is backfilled.

6.1.2 Precautions

The precautions referred to in this section are applicable to any excavations or other works occurring within the Prohibited or Precautionary Zones as illustrated in Figure 1 – 'Tree Protection Zone'.

FIGURE 1 – Tree Protection Zone



Key

Trunk of tree

Canopy or branch spread

PROHIBITED ZONE – 1m from trunk. Excavations of any kind must be avoided within this zone. Materials, plant and spoil must not be stored within this zone.

PRECAUTIONARY ZONE – 4 x tree circumference. Where excavations must be undertaken within this zone the use of mechanical excavation plant should be prohibited. Precautions should be undertaken to protect any exposed roots. Materials, plant and spoil should not be stored within this zone.

PERMITTED ZONE – outside of the precautionary zone. Excavation works may be undertaken within this zone, however caution must be applied and the use of mechanical plant limited. Any exposed roots should be protected.

6.1.3 Realignment

Whenever possible works should always be diverted or re-aligned outside the Prohibited or Precautionary Zones. Under no circumstances can machinery be used to excavate open trenches within the Prohibited Zone.

The appropriate method of working within the Precautionary Zone should be determined in consultation with the local authority (or for privately owned trees the owner or their agent) and may depend on the following circumstances;

6.1.3.1 the scope of the works (e.g. one-off repair or part of an extensive operation)

6.1.3.2 degree of urgency (e.g. for restoration of supplies)

6.1.3.3 knowledge of location of other apparatus

6.1.3.4 soil conditions

6.1.3.5 age, condition, quality and life expectancy of the tree

Where works are required for the laying or maintenance of any apparatus within the Prohibited or Precautionary Zones there are various techniques available to minimise damage.

Acceptable techniques in order of preference are;

a) Trenchless

Wherever possible trenchless techniques should be used. The launch and reception pits should be located outside the Prohibited or Precautionary Zones.

In order to avoid damage to roots by percussive boring techniques it is recommended that the depth of run should be below 600mm. Techniques involving external lubrication of the equipment with materials other than water (e.g. oil, bentonite, etc.) must not be used when working within the Prohibited Zone. Lubricating materials other than water may be used within the Precautionary Zone following consultation and by agreement.

b) Broken Trench - Hand-dug

This technique combines hand dug trench sections with trenchless techniques if excavation is unavoidable. Excavation should be limited to where there is clear access around and below the roots. The trench is excavated by hand with precautions taken as for continuous trenching as in (c) below. Open sections of the trench should only be long enough to allow access for linking to the next section. The length of sections will be determined by local conditions, especially soil texture and cohesiveness, as well as the practical needs for access. In all cases the open sections should be kept as short as possible and outside of the Prohibited Zone.

c) Continuous Trench - Hand-dug

The use of this method must be considered only as a last resort if works are to be undertaken by agreement within the Prohibited Zone. The objective being to retain as many undamaged roots as possible.

Hand digging within the Prohibited or Precautionary zones must be undertaken with great care requiring closer supervision than normal operations.

After careful removal of the hard surface material digging must proceed with hand tools. Clumps of roots less than 25mm in diameter (including fibrous roots) should be retained in situ without damage. Throughout the excavation works great care should be taken to protect the bark around the roots.

All roots greater than 25mm diameter should be preserved and worked around. These roots must not be severed without first consulting the owner of the tree or the consulting arboriculturist. If after consultation severance is unavoidable, roots must be cut back using a sharp tool to leave the smallest wound.

6.1.4 Backfilling

6.1.4.1 Backfilling should be carefully carried out to avoid direct damage to roots and excessive compaction of the soil around them. The backfill should, where possible, include the placement of an inert granular material mixed with top soil or sharp sand (not builder's sand) around the roots. This should allow the soil to be compacted for resurfacing without damage to the roots securing a local aerated zone enabling the root to survive in the longer term.

6.1.4.2 Backfilling outside the constructed highway limits should be carried out using the excavated soil. This should not be compacted but lightly "tamped" and usually left slightly proud of the surrounding surface to allow natural settlement. Other materials should not be incorporated into the backfill.

6.1.5 Additional Precautions near Trees

6.1.5.1 Movement of heavy mechanical plant (excavators etc.) must not be undertaken within the Prohibited Zone and should be avoided within the Precautionary Zone, except on existing hard surfaces, in order to prevent unnecessary compaction of the soil. This is particularly important on soils with a high proportion of clay. Spoil or material must not be stored within the Prohibited Zone and should be avoided within the Precautionary Zone.

6.1.5.2 Where it is absolutely necessary to use mechanical plant within the Precautionary Zone care should be taken to avoid impact damage to the trunk and branches. A tree must not be used as an end-stop for paving slabs or other materials nor for security chaining of mechanical plant. If the trunk or branches of a tree are damaged in any way advice should be sought from the supervising arboriculturist.

See table 1 –'Prevention of Damage to Trees Below Ground' below for summary details regarding causes and types of damage to trees and the implications of the damage and the necessary precautions to be taken to avoid damage.

TABLE 1 - Prevention of Damage to Trees Below Ground

Causes of Damage	Type of Damage	Implications to Tree	Precautions
Trenching, mechanical digging etc.	Root severance	• The tree may fall over • Death of the root beyond the point of damage • Potential risk of infection of the tree The larger the root the greater the impact on the tree.	Hand excavate only within the Precautionary Zone. Work carefully around roots. Do not cut roots over 25mm in diameter without referring to the consulting arborist. For roots less than 25mm in diameter use a sharp tool and make a clean cut leaving as small a wound as possible.

Causes of Damage	Type of Damage	Implications to Tree	Precautions
Trenching, mechanical digging, top soilsurface removaletc.	Root bark damage	• The tree may fall over • If the damage circles the root it will cause the death of the root beyond that point • Potential risk of infection of the tree The larger the root the greater the impact on the tree.	Do not use mechanical machinery to strip the top soil within the Precautionary Zone. Hand excavate only within the Precautionary Zone. Work carefully around roots. Do not cut roots over 25mm in diameter without referring to the consulting arborist. For roots less than 25mm use a sharp tool and make a clean cut leaving as small a wound as possible.
Vehicle movement and plant use. Material storage within the precautionary area.	Soil compaction & water saturation	Restricts or prevents passage of gaseous diffusion through soil, the roots are asphyxiated and killed affecting the whole tree.	Prevent all vehicle movement, plant use or material storage within the Precautionary Zone.
Top-soil scouring, excavation or banking up.	Alterations in soil level causing compaction or exposure of roots.	Lowering levels strips out the mass of roots over a wide area. Raising soil levels asphyxiates roots and has the same effect as soil compaction.	Avoid altering or disturbing soil levels within the Precautionary Zone.
Use of herbicides.	Poisoning of the tree via root absorption	• Death of the whole tree • Death of individual branches Damage to leaves and shoots.	The selection and application of herbicides must be undertaken by a competent person in accordance with COSHH regulations.
Spillage of oils or other materials.	Contamination of soil	Toxic and asphyxiation effects of chemicals, oils, building materials (cement, plaster, additives etc.) on the root system can kill the tree.	Never store oils, chemicals or building materials within the Precautionary Zone or within the branch spread of a tree, which ever is the greater.
Placement or replacement of underground apparatus.	Various	Death of all or part of the tree.	Effective planning and liaison with the consulting arborist, taking into consideration the position of trees, and their future growth potential and management.

6.2 Above Ground

6.2.1 Damage by Pruning

Trees (including shrubs and hedges) can be damaged by inappropriate or excessive pruning. The aim of pruning should be to achieve vegetation clearances in ways which minimise the aesthetic and physical impact on retained trees and shrubs.

Reasonable care should be taken to avoid unnecessary damage to flora and fauna and to access ways.

Work should comply with BS3998. Pruning is a skilled job which should be undertaken by appropriately trained and experienced staff.

Given constraints often imposed by others it is not always possible to prune in an aesthetically pleasing way. However an effective Utility Arborist adjusts the work carried out for each plant to achieve the best possible standard, given the prevailing constraints.

- Ideally vegetation is left well balanced with natural crown shapes
- Pruning must also take into account the vegetation re-growth expected in the interval between cuts. This will vary widely between plant species and sites.
- Vegetation management: tree selection for retention and replanting at an early stage can be used to prevent the need for much more intrusive and damaging work in the future when the vegetation grows closer to the overhead line. Good practice often involves interventions over a number of cutting cycles to manage trees and shrubs so that future conflict with local infrastructure is minimised.

Where reasonably possible avoid recognised injurious practices such as:

- o Topping or lopping to an arbitrary height or branch length
- o Unbalancing a tree crown by excessive one-sided pruning
- o Pollarding. Unless pollarding is the existing recognised management technique.
- o Inappropriate use of flailing.
- o Climbing damage - Care should be taken to avoid injuring thin and weak barked species by inappropriate use of rope access techniques.
- o Access damage - Vehicle access and treatment of arisings should avoid injury to low branches, stems, root buttresses and feeder roots.
- o Spreading Disease - Appropriate regard should be given to avoid spreading fungal diseases.

- If the only pruning option is to severely reduce or unbalance a tree, then coppicing, or felling and replacement planting are often better options.

See table 2 – 'Prevention of Damage to Trees Above Ground' below for summary details regarding causes and types of damage to trees and the implications of the damage and the necessary precautions to be taken to avoid damage.

TABLE 2 - Prevention of Damage to Trees Above Ground

Causes of Damage	Type of Damage	Implications for the Tree	Precautions
Impact by vehicle or plant Physical attachment of signs or hoardings to the trunk Storage of materials at base of tree Rubbing by winch or pulling cables	Bark bruising, bark removal, damage to the wood, damage to buttress roots, abrasion to trunk	Wounding with the potential for infection ultimately resulting in death of all or part of the tree. Structural failure of the tree	Surround the trunk with protective free-standing barrier. Exclude vehicles, plant or material storage from the Precautionary Zone. Ensure sufficient clearance of cables or ropes.
Impact by vehicle or plant Rubbing by overhead cables	Bark damage to branches, breakage and splitting of branches, abrasion to branches	Structural failure of the branch. Wounding or loss of a branch with the potential for infection ultimately resulting in death of all or part of the branch or tree.	Exclude vehicles, plant or material storage from the Precautionary Zone. Ensure sufficient clearance of cables or ropes. All pruning should be carried out in accordance with BS3998 (prune affected branches to give appropriate clearance from cables)
Inappropriate sitingof overhead apparatus, such as CCTV, lighting fixtures and communications masts and dishes.	Inappropriate pruning, unnecessary tree removal	Severely pruning tree to acquire line of sight signal for communications dish etc.	Effective planning and liaison with arboriculturist, taking into consideration the position of trees,and their future growth potential and management.
Lack of forethought in design and location of apparatus and services entries on new developments	Complete tree removal	The tree is removed unnecessarily	Agree the location and installation of services at the design stage. Consideration should be given to the creation of dedicated service routes wherever possible.
Use of herbicides	Poisoning of the tree via absorption throughbark, leaves and shoots	Death of the whole tree, death of individual branches, damage to leaves andshoots	The selection and application of herbicides must be undertaken by a competent person in accordancewith COSHH regulations.

6.2.1 Chemical Damage to Trees

Chemical damage to trees adjacent to utility premises and operational land can be avoided if;

- the risk is identified when planning any work involving herbicides or other chemicals ensuring that only appropriate chemicals are used. Particular care should be exercised when considering the use of herbicides recommended for "non crop areas" as many of these also specify "do not use where there may be roots of desirable plants",
- herbicides are applied only at the rate and in the manner recommended by the manufacturer,
- follow-up applications are not undertaken until weeds reappear on the operational land,
- alternative methods of weed control are considered.

7. Limitations of Survey

This survey should be regarded as a preliminary assessment of the trees and deals with the current condition as identified during this survey only.

Every attempt was made to identify hazardous trees in this report however this survey was carried out from the ground and therefore cannot be held to have identified elements of decay which may be hidden out of sight within the crown or beneath ivy or other obstructions. To counter this limitation in the survey process it is vital that during tree works any additional defects found by the climbing arborist are communicated to the consulting arborist to allow appropriate action to be taken.

Similarly, a preliminary examination was made near roots, although extent of root growth under paving will not be known until construction begins.

The details within this survey are based on the condition of the trees during the survey period only. The findings in this survey cannot be held to be valid after any site disturbance, man-made or natural, which may have an adverse effect on any trees present.

8. Terminology

Tree categories

A	Trees of high quality and value due to their size, age, condition, historical/visual merit and/or conservation potential. (a minimum of 40 years)
A1	Mainly arboricultural values. Particularly good examples of species, essential components of groups or of formal or semi-formal arboricultural features.
A2	Mainly landscape values. Trees, groups or woodlands which provide a definite screening or softening effects to the locality in relation to views into or out of site, or those of particular visual importance.
A3	Mainly cultural values, including conservation. Trees, groups or woodlands of significant conservation, historical, comparative or other value (e.g. veteran trees or wood-pasture).
B	Trees of moderate quality and value (a minimum of 20 years)
B1	Mainly arboricultural values. Trees that might be included in high categories but are downgraded because of impaired condition (e.g. presence of remedial defects including unsympathetic past management and minor storm damage)
B2	Mainly landscape values. Trees present in numbers, usually as groups or woodlands, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal features (e.g. trees of moderate quality within an avenue that includes better A category specimens) or trees situated internally to the site, therefore individually having little visual impact on the wider locality.
B3	Mainly cultural values including conservation. Trees with clearly identifiable conservation or other cultural benefits.
C	Trees of low quality and value (a minimum of 10 years).
C1	Not qualifying in higher categories
C2	Trees present in groups or woodlands but without conferring on them greater landscape value and/or trees offering low or only temporary screening benefit.
C3	Trees with very limited conservation or other cultural benefits.
U	Trees in such condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management. Trees that are dead, dying or showing immediate and irreversible decline.

NB: The prefix 'P' denotes trees within private property.

Terminology (cont.)

Apparatus: Equipment such as valves, stopcocks, chambers, cabinets, transformer chambers etc and includes any structure for the lodging of apparatus.

Arboriculturist: A professional who cultivates and manages trees, hedgerows and shrubs and provides information and advice on specific tree related issues.

Carriageway: A way constituting or comprised in a highway, being a way (other than a cycle track) over which the public have a right of way for the passage of vehicles.

Comments: Refers to the tree's condition and suitability for the site.

Common name: Most widely used non botanical name.

Co-dominant: Two branches assuming the role of leading shoots. When growing close together may form a weak attachment (included bark) at their point of contact. Trees with this defect may be in danger of splitting at this weak attachment.

COSHH: Control of Substances Hazardous to Health Regulations

Crown Spread: Measured in metres north, east, south, and west.

Cycle track: A way constituting or comprised in a highway over which the public have a right of way on pedal cycles with or without a right of way on foot.

Decay fungi: Refers to those species of fungi which degrade living wood and which may, depending on the degree of degradation, render the tree structurally unsound.

Defects: Refers to cracks, storm damage and any other damage mechanical or biological.

Desiccation: The state of extreme dryness, the drying out of roots.

Diameter: Diameter of the trunk (millimetres) at 1.5m. M.S. after the measurement refers to the tree being multi-stemmed.

Footpath: A highway over which the public have a right of way on foot only, not being a footway.

Footway: A way comprised in a highway which also comprises a carriageway, being a way over which the public have a right of way on foot only.

Herbicide: A chemical that destroys plants.

Genus & Species: Refers to the botanical names for the tree.

Height: Measured in metres.

Monitor: Refers to trees which need to be re-surveyed on a yearly basis to assess their condition. This timescale may be sooner where works or adverse weather conditions have impacted negatively on the trees.

Overhaul: A reference to standard tree surgery work which consists of the removal of deadwood, crossing branches and balancing where appropriate.

Recommendations: Indicates surgery work necessary for the retention or, where necessary, removal of the tree.

Root plate: Formed just below the soil surface when shallow lateral growing roots predominate over the development of a deep taproot.

Tree No.: Refers to numbered tag fixed to tree during survey.

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T001P		Ginkgo *Ginkgo biloba*	5.75	190	2.3	1.5;2.5;2;1	1.25s	1.75	Good	Young	Good	Located 1m from law library building. Single stemmed with minor lean east due to light suppression. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T002P		Ginkgo *Ginkgo biloba*	6	220	2.6	2;3.5;3;1	2e	2	Good	Young	Good	Located 1m from law library building. Single stemmed. No visible defects	No action necessary	No action necessary	20-30	B2
03-T003	Tag001	London plane *Platanus × acerifolia*	24	880	10.6	6;8;76	7e	7.5	Good	Mature	Good	Located on western kerb side of Church Street. Multi stemmed at 6m. Well formed canopy. Immediate root zone has pushed up the pavement to create an impediment to pedestrians. No visible defects.	Monitor for root displacement activity	No action necessary	20-30	A2
03-G004	Tag002	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	170	2	2;2;2;2	2.25w	2.5	Good	Early Mature	Good	Group of three early mature specimens located on the eastern side of church Road 0.5m from kerb. Some minor damage bark from pruning activity with no associated decay. All single stem with close branch unions which are unlikely to reduce long-term potential.	No action necessary	No action necessary	20-30	B2
03-T005	Tag003	Norway maple *Acer platanoides*	7	170	2	2;3;3;3	2.25s	2.5	Poor	Young	Poor	Located on a central median. Minor included bark at stem unions at 2m. Vigour poor with twiggy appearance in upper canopy.	No action necessary	Fell and replace as part of new planting schedule.	<10	U
03-T006	Tag004	Norway maple *Acer platanoides*	11	320	3.8	5;4;4.5;5	6.5n	6	Good	Early Mature	Good	Located on a central median. Multi stemmed at 2.5m with good unions present. Canopy well formed. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T007	Tag005	Norway maple *Acer platanoides*	9	270	3.2	3.5;4;4;4	3.5w	3.5	Good	Early Mature	Good	Located on a central median. Multi stemmed at 2.5m with good unions present. Canopy well formed. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T008	Tag006	Norway maple *Acer platanoides*	7.5	230	2.8	2;2;2;2	2.25e	2.5	Fair	Early Mature	Fair	Located on a central median. Minor bark damage and decay at small stem 2m east. Unlikely to impact long-term potential.	No action necessary	No action necessary	10-15	C2
03-T009	Tag007	Norway maple *Acer platanoides*	13	330	4	5;4;5;4.5	3s	3.25	Good	Early Mature	Good	Located on a central median. Multi stemmed at 2.25m. Sound unions present. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T010	Tag008	Norway maple *Acer platanoides*	10	290	3.5	4;4;5;4	3n	3.25	Good	Early Mature	Good	Located on a central median. Crown reduced east from Roadside pruning activity. Relatively well formed regardless. No visible defects.	No action necessary	No action necessary	15-20	B2
03-G011	Tag009	Birch *Betula pendula*	4.5	100	1.2	1.5;1.5;1.5;1.5	4n	4.25	Fair	Young	Fair	Two young birch with minor signs of bark damage from possible vandalism. No associated decay present.	No action necessary	No action necessary	10-15	C2
03-G011b	Tag010	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	7	175	2.1	2;2;2;2	2e	2.25	Good	Young	Good	Located on grass verge between Church Road and Coleraine street. A group of three fastigiate hornbeam. Well formed with no visible defects.	No action necessary	Remove to facilitate the cycle path.	15-20	B2
03-G012	Tag011	Small leaved lime cultivar *Tilia cordata* cv	9	280	3.4	3;3;3;3	3e	3.25	Good	Early Mature	Good	Located on grass verge 1.75m from pavement. A group of 28 early mature lime planted to screen Constitution hill flats from Constitution hill Road. Single stemmed and well formed due partly to suitable spacing.	No action necessary	20 trees need to be removed to facilitate the expansion of the bus corridor and new foot path. Eight northmost trees have been marked as suitable for retention.	20-30	B2
03-T013	Tag012	Small leaved lime cultivar *Tilia cordat*a cv	6.5	260	3.1	3;3;3;2		0.25	Good	Early Mature	Fair	Located behind a sheltered bus stop on Constitution hill Road. Bark damage between 0.75m-3m. No decay at present though a future possibility due to extent of damage.	Monitor for decay	Remove to facilitate the expansion of the bus corridor and new foot path.	10-15	C2
03-T014P		Norway maple *Acer platanoides*	10	440	5.3	3;2;4;5	5w	5.25	Good	Early Mature	Good	Located behind railings 2.25m inside kings Inn park. Multi stemmed from 2.5m with sound unions visible. Sub dominant to neighbouring tree group. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T015P		Norway maple *Acer platanoides*	12	520	6.2	6;4;5;6	5.5w	5.75	Good	Early Mature	Good	Located behind railings 2.25m inside kings Inn park. Dominant within neighbouring tree group. Close unions at stem unions though unlikely to limit potential short-medium term. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T0016	Tag013	Hawthorn *Crataegus monogyna* 'Pauls Scarlet'	3.5	160	1.9	2;2;2;2	1.75n	2	Good	Young	Good	Located within a sloped bedding area 2.5m from pavement. Young and well maintained. No visible defects.	No action necessary	Remove to facilitate proposed cyclepath.	15-20	C2
03-T017	Tag014	Cherry cultivar *Prunus* cv	11.5	500	6	5;5;5;4	3.5n	3.75	Good	Mature	Fair	Located within a sloped bedding area 2.5m from pavement. Co-dominant at 2.25m. Minor bark inclusion and small (200mm) cavity at this point. Otherwise well formed.	Monitor cavity at stem union.	No action necessary	20-30	B2
03-T018	Tag015	Cherry cultivar *Prunus* cv	12	530	6.4	3;5;6;5	2.75s	3	Good	Mature	Good	Located on raised grass verge 1.5m from footpath. Crown well formed with open unions. No defects visible.	Remove ivy at base.	No action necessary	30-40	A2
03-T019	Tag016	Sycamore *Acer pseudoplatanus*	17	700	8.4	5;7;8;5	7w	7.25	Good	Mature	Good	Located in open ground 2.5m behind a low(1m) railing. Basal growth indicates stress from pruning of large limbs at 2.5m south and south-east. Minor decay visible at these points though not of concern at present as they are highly localised. Co-dominant at 4.5m with open unions present.	Monitor for areas (2.5m south) for decay development.	No action necessary	20-30	B2
03-T020	Tag017	Sycamore *Acer pseudoplatanus*	15.5	540	6.5	5;5;3;5	2.5e	2.75	Good	Early Mature	Fair	Located in open ground 5m behind a low(1m) railing. Co-dominant at 3m with a drawn up form due to local competition. Root flare abutting high (4m) stone wall west.	No action necessary	Remove to facilitate proposed pocket park.	20-30	B2
03-T021	Tag018	London plane *Platanus × acerifolia*	13	340	4.1	2;3;3;2.5	6s	6.25	Good	Early Mature	Good	Located on western edge of the Phibsbrough Road. 0.25m from kerb. Single stemmed with no visible defects.	No action necessary	No action necessary	30-40	B2
03-T0022	Tag019	London plane *Platanus × acerifolia*	13	340	4.1	2;3;2;2	4.5w	4.75	Good	Early Mature	Good	Located on western edge of the Phibsbrough Road. 0.25m from kerb. Single stemmed with a compact crown due to Roadside maintenance. Cement on pavement west raised at two points due to root displacement.	Monitor pavement heave.	No action necessary	20-30	B2

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03-T023	Tag020	London plane *Platanus × acerifolia*	13	360	4.3	2;3;2.5;2.5	4e	4.25	Good	Early Mature	Good	Located on western edge of the Phibsbrough Road. 0.25m from kerb. Single stemmed with a compact crown due to Roadside maintenance. Cement on pavement west raised at two points due to root displacement.	Monitor pavement heave	No action necessary	20-30	B2
03-G024	Tag021	London plane *Platanus × acerifolia*	7	90	1.1	2;1;2;2	2.5w	2.75	Good	Young	Good	Located 0.25m from western kerb side. A group of two young London plane specimens. Single stem with canopy reduced near Roadway east. No visible defects.	No action necessary	Remove north most tree to facilitate the expansion of the bus corridor.	10-15	C2
03-T025	Tag022	London plane *Platanus × acerifolia*	7	150	1.8	2;1;2;2	3w	3.25	Good	Young	Good	Located 0.25m from western kerb side. Single stem with canopy reduced near Roadway east. No visible defects.	No action necessary	No action necessary	15-20	B2
03-G026	Tag023	London plane *Platanus × acerifolia*	9	140	1.7	2;2.5;2;1	3e	3.25	Good	Young	Good	Three young London plane located 0.25m east of Phibsbrough Road from kerb side. Canopy reduced west due to maintenance works. No visible defects.	No action necessary	No action necessary	15-20	C2
03-G027	Tag024	London plane *Platanus × acerifolia*	5	80	1	1;1;1;1	4e	4.25	Fair	Young	Good	Two juvenile London plane located 0.5m from western kerb side. No visible defects.	No action necessary	Remove to facilitate the expansion of the bus corridor.	10-15	C2
03-G0028	Tag025	London plane *Platanus × acerifolia*	12	280	3.4	3;3;3;3	6	6.25	Good	Early Mature	Good	Group of ten London plane located 0.25m from kerb on either side of the Roadside between Phibsborough shopping and Prospect Road bridge. The number of these feature minor bark damage from vandalism. Canopies have been raised near the Roadside. Minor pavement heave visible.	Monitor bark damage and pavement heave.	No action necessary	20-30	B2
03-T0029	Tag026	Cabbage palm *Cordyline australis*	2.5	180	2.2	1;1;1;1	1n	1.25	Fair	Early Mature	Good	Located within a raised planting area in a central medium. Short and vigorous. No visible defects.	No action necessary	Remove to facilitate construction of new footpath.	<10	C2
03-S030					0							Mixed planting of ornamental flowering plants dominated by bamboo to 2m.	No action necessary	Remove to facilitate construction		
03-T031	Tag027	London plane *Platanus × acerifolia*	17	660	7.9	6;7;6;5.5	3.5s	3.75	Good	Mature	Good	Well formed specimen with wide unions present. Roots east with minor damage from traffic activity but no associated decay. Minor pavement heave east to 2m.	No action necessary	No action necessary	40	A2
03-T032	Tag028	London plane *Platanus × acerifolia*	15.5	640	7.7	5;6;5;6	4.5w	4.75	Fair	Mature	Good	Located on the northern kerb side of the Lindsay Road. Features a crowded lower canopy from pruning activity. Crown overall has adapted well with vigorous regrowth. No visible defects.	No action necessary	No action necessary	30-40	B2
Note: 03-G033>G035 + 03-G037 are not included as part of the Ballymun route (they are now referenced as 04-G086 - 04-G090).																
03-G036	Tag032	London plane *Platanus × acerifolia*	14	440	5.3	4;4;4;4	8n	8.25	Good	Early Mature	Good	Group of two London plane located on the south side of prospect way. Pavement has been replaced around bases due to root heave. Crowns well formed though drawn up due to roadside maintenance of lower canopy. Wide unions present and no visible defects.	No action necessary	No action necessary	40	A2
03-T038	Tag034	London plane *Platanus × acerifolia*	18	660	7.9	7;8;6;6	5w	5.25	Good	Mature	Good	Located 0.5m from the kerb side on Iona Road. Well formed with no visible defects.	Raise canopy east to clear overhead services.	No action necessary	40	A2
03-S039		Arrow bamboo *Bambusa psedosasa Japonica*			0			0.25	Good	Early Mature	Good	Located within a raised planting area in the entrance to Botanic villas. A thick planting if bamboo forming a bush of 2.25m high and 0.75m radius.	No action necessary	No action necessary	15-20	B2
03-T040	Tag035	Rowan cultivar *Sorbus aucuparia* cv	3.5	90	1.1	1;1;0.5;1	2.75n	3	Fair	Young	Fair	Located on south side of Fairfield Road, 0.25m from the kerb. Bark damage north at 1m with some associated decay that may limit long-term potential.	No action necessary	No action necessary	10-15	C2
03-T041	Tag036	Austrian pine Pinus nigra	18	580	7	5;5;4;5	8n	8.25	Good	Mature	Good	Located on the southern entrance of St. Mobhí Road within a raised planting area. Well formed with no visible defects.	No action necessary	Construction of cycle path to south of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T042	Tag037	London plane *Platanus × acerifolia*	26	680	8.2	6;6;5;6	3s	3.25	Good	Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Well formed with sound unions and no visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T043	Tag038	Norway maple crimson king *Acer platanoides*	18	520	6.2	3;6;3;2	3.5n	3.75	Good	Mature	Fair	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Crown has a drawn up form due to Roadside pruning maintenance. A slight lean east at 3m that corrects in the middle of the canopy. Sound unions present throughout.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	B2
03-T044	Tag039	London plane *Platanus × acerifolia*	5.5	100	1.2	2;1.5;1;2	2.25e	2.5	Good	Young	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Young plane tree with minor branch damage west towards Road.	Remove support stake	Construction of cycle path to east of trunk. Current root system likely to be confined to existing grass area due to constraints. As such, Cellweb not required.	10-15	C2

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03-T045	Tag040	Norway maple crimson king *Acer platanoides*	24	620	7.4	5;5;5;4		0.25	Good	Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Multi stemmed from 2.5m with sound unions present. Crown heavily reduced west over Roadway. Remaining crown form drawn up as a result. No visible defects at base.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T046	Tag0041	Norway maple crimson king *Acer platanoides*	18	520	6.2	4;3;5;4	2.75s	3	Poor	Early Mature	Poor	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Areas of minor decay visible at points where pruning has created cavities. Shallow cavity at base of trunk north. Deadwood north in the upper canopy. Twiggy appearance throughout crown. Appears to be on a state of early decline.	Monitor for decline	Consider for removal due to limited long-term potential and replace new planting. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	10	C2
03-T047	Tag042	London plane *Platanus × acerifolia*	11	300	3.6	5;4;4;4	4e	4.25	Good	Early Mature	Fair	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Upper crown has been heavily pruned over Roadway; creating a lopsided form to east. Some close stem unions at 4.5m are likely to limit long-term potential.	Raise crown east over pavement	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	C2
03-T048	Tag043	Norway maple crimson king *Acer platanoides*	19	670	8	7;6;5;4	4n	4.25	Good	Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Multi stemmed from 3.25m. Sound unions present. Basal growth but no visible defects or stressor. Well developed crown.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T049	Tag044	Norway maple crimson king *Acer platanoides*	17	540	6.5	5;5;4;4	4s	4.25	Fair	Early Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Growth suppressed west due to Roadside maintenance. Multi stemmed from 4m with sound unions present. Sub-dominant to neighbouring trees. No defects visible.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T050	Tag045	London plane *Platanus × acerifolia*	8	200	2.4	4;2.5.3.3	2.25w	2.5	Good	Young	Fair	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Young and relatively well formed. Pronounced bark damage at 2.25m east. Though no decay present and unlikely to limit long-term potential as species is decay resistant.	Monitor at point of bark damage	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots.	10-15	C2
03-T051	Tag046	Norway maple crimson king *Acer platanoides*	19	620	7.4	5;5;6;4	4e	4.25	Good	Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Exhibits lean east for 0.75m which corrects at 4.25m. Four stems with sound unions present. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-T052	Tag047	London plane *Platanus × acerifolia*	21	840	10.1	6;5;6;7	5n	5.25	Good	Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Multi stemmed from 4.5m with sound unions present. Dominant within neighbouring tree group. Well developed crown if somewhat drawn up from lower canopy pruning activity. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T053	Tag048	Norway maple crimson king *Acer platanoides*	17	580	7	5;6;5;4	5e	5.25	Good	Mature	Fair	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Multi stemmed from 2.5m with sound unions present. Secondary growth in lower canopy due to pruning activity. Minor root damage west from traffic impacts. Form slightly drawn up due to pruning and sub-dominance in local tree group.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2

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03-T054	Tag049	Norway maple crimson king *Acer platanoides*	18.5	660	7.9	5.5;7;5;5	2.25e	2.5	Good	Mature	Good	Located on the eastern side of St. Mobhí Road, 0.25m from the kerb. Multi stemmed from 3m with sound unions present. Well developed crown though missing growth west over Roadway due to Road maintenance activity. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	30-40	A2
03-T0055	Tag050	London plane *Platanus × acerifolia*	24	780	9.4	6;7;6;4.5	4w	4.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Trunk co-dominant at 3m. Sound unions throughout. Minor pavement heave north and south. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T056	Tag051	London plane *Platanus × acerifolia*	22	800	9.6	6;5;6;6	4s	4.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Co-dominant from 2.25m. Sound unions throughout. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T057	Tag052	London plane *Platanus × acerifolia*	5.5	120	1.4	2;2;2;1.5	2.25w	2.5	Good	Young	Fair	Located less than 0.5m from the western kerb side of St. Mobhí Road. Young with minor bark inclusion at branch unions in lower canopy. Unlikely to impact long-term potential.	No action necessary	Construction of cycle path to west of trunk. Current root system likely to be confined to existing grass area due to constraints. As such, Cellweb not required.	10-15	C2
03-T058	Tag053	London plane *Platanus × acerifolia*	22	740	8.9	7;8;7;5	3s	3.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Multi stemmed from 2.75m with sound open unions present. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T059	Tag054	London plane *Platanus × acerifolia*	6	210	2.5	3;4;3;4	3n	3.25	Good	Young	Fair	Located less than 0.5m from the western kerb side of St. Mobhí Road. Multi stemmed from 2.5m with tight unions present.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T060	Tag055	London plane *Platanus × acerifolia*	26	800	9.6	6;7;6;6	3w	3.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Multi stemmed from 2.75m with sound unions present. Dominant within neighbouring tree group. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T061	Tag056	Norway maple crimson king *Acer platanoides*	19	640	7.7	4;4;4;5	5s	5.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Drawn up due to local competition. Multi stemmed from 2.25m with sound unions present. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-T062	Tag057	London plane *Platanus × acerifolia*	21	680	8.2	6;6;4;6	3n	3.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Minor pavement heave north to 2m. Minor cavity west at 2.5m though not significant at present. Multi stemmed from 3m. Well developed crown that is dominant in local group.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2

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03-T0063	Tag058	Norway maple crimson king *Acer platanoides*	18	640	7.7	6;5;6;5	2s	2.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Slightly drawn up form due to crown rasing over Roadside. Exhibits secondary growth at this point. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T064	Tag059	London plane *Platanus × acerifolia*	23	680	8.2	6;6;6;5	4w	4.25	Good	Mature	Fair	Located less than 0.5m from the western kerb side of St. Mobhí Road. Multi stemmed from 3.5m. Exhibits cavity at this point at the base of the northern stem.	Monitor cavity at base of northern stem.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T065	Tag060	London plane *Platanus × acerifolia*	21	760	9.1	7;7;7;5	3n	3.25	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Minor bark damage on root flare west. Multi stemmed from 3m with sound unions present. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T066	Tag061	London plane *Platanus × acerifolia*	22	740	8.9	6;7;6;5	2.5w	2.75	Good	Mature	Good	Located less than 0.5m from the western kerb side of St. Mobhí Road. Crown raised over Roadway. Secondary growth present beneath this point. Crown otherwise well developed. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T067	Tag062	Norway maple crimson king *Acer platanoides*	15	720	8.6	5;6;7;5	4s	4.25	Good	Mature	Fair	Located within a grass verge 0.25m from kerb side on the western side of St. Mobhí Road. Bark damage with localised decay at 1m east. Multi stemmed from 3m with sound unions present.	Monitor bark damage east	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T068	Tag063	London plane *Platanus × acerifolia*	24	860	10.3	7;6;7;6	5s	5.25	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the western side of St.Mobhí Road. Slight root heave on pavement west. Trunk co-dominant at 2.5m. Good unions present and a very well developed crown. No defects visible.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T069	Tag064	Norway Maple *Acer platanoides* 'Drummondii'	10	330	4	3;3;3;3	4n	4.25	Fair	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the western side of St.Mobhí Road. Bark damage south at 2m with localised decay present. Trunk co-dominant 2.25m.	Monitor damage	Remove to facilitate the expansion of the roadway and cycle path.	20-30	C2
03-T070	Tag065	London plane *Platanus × acerifolia*	20	660	7.9	6;7;6;5	5n	5.25	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the western side of St.Mobhí Road. Trunk co-dominant at 2.5m with stems creating a wide well developed canopy. Overhead services are rubbing against stem north at 6m.	No action necessary	Remove to facilitate the expansion of the roadway and cycle path.	40	A2
03-T071	Tag066	Norway maple crimson king *Acer platanoides*	14	500	6	4;4;4;3	4n	4.25	Poor	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the western side of St.Mobhí Road. Deadwood scattered throughout canopy with twiggy appearance were new growth would be expected.	Monitor	Remove to facilitate the expansion of the roadway and cycle path.	<10	C2
03-T072	Tag067	London plane *Platanus × acerifolia*	20	640	7.7	8;7;6;6	6s	6.25	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the western side of St.Mobhí Road. Three stems at 2.5m. Sound unions and well developed crown. No visible defects.	No action necessary	Remove to facilitate the expansion of the roadway and cycle path.	40	A2
03-T073	Tag068	London plane *Platanus × acerifolia*	23	680	8.2	6;6;6.5;6	5e	5.25	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Multi stemmed at 5m with a well formed crown. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T074	Tag069	London plane *Platanus × acerifolia*	22	660	7.9	5;5;6;5	6e	6.25	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Multi stemmed at 5m with a well formed crown. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T075	Tag070	London plane *Platanus × acerifolia*	23	700	8.4	7;6;7;6	4.5n	4.75	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Multi stemmed at 5m with a well formed crown. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T076	Tag071	London plane *Platanus × acerifolia*	19	670	8	6;3;5;5.5	4s	4.25	Fair	Mature	Fair	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Trunk co-dominant at 3m. Minor deadwood at 5m east. Crown light suppressed east due to neighbouring trees. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2

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03-T077	Tag072	London plane *Platanus × acerifolia*	19	600	7.2	6;3;5;4	2.5n	2.75	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Multi stemmed from 3m. Sub-dominant to neighbouring trees; canopy drawn up as a result. Overhead services intrude into lower canopy. Minor deadwood south at 5m.	Prune near overhead services	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T078	Tag073	London plane *Platanus × acerifolia*	9	240	2.9	4;1;2;3	5n	5.25	Good	Early Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Growth extended west due to light suppression. Overhead services intrude into the lower canopy. No visible defects.	Prune near overhead services	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T079	Tag074	London plane *Platanus × acerifolia*	11	560	6.7	3;3;3;4	4n	4.25	Fair	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Sub-dominant to neighbouring trees with form suppressed as a result. Minor bark damage at root flare east and north though no associated decay visible.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T080	Tag075	Norway Maple *Acer plátanoides* 'Drummondii'	9	320	3.8	2;3;3;3	3s	3.25	Fair	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Bark damage east at 0.25m. Sub-dominant and form drawn up as a result.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T081	Tag076	Norway Maple *Acer plátanoides* 'Drummondii'		380	4.6				Dead	Early Mature			Fell	Remove to facilitate the expansion of the foot path adjacent to proposed bus stop.		U
03-T082	Tag077	London plane *Platanus × acerifolia*	13	520	6.2	5;4;4;4	6s	6.25	Good	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Trunk co-dominant at 2.75m. Small cavity above union on base of north stem. Canopy growth extended west due to competition. No defects visible at base.	Monitor cavity area	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	15-20	B2
03-T083	Tag078	Norway maple *Acer plátanoides*	11	400	4.8				Very Poor	Early Mature			Fell	Recommend felling and replaced as part of new planting schedule.		U
03-T084	Tag079	London plane *Platanus × acerifolia*	21	630	7.6	6;5;4;5	6e	6.25	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Slightly drawn up as a result of local competition. Multi stemmed from 2.5m with sound unions present. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	30-40	B2
03-T0085	Tag080	Norway maple *Acer plátanoides*	11	310	3.7	3;1;3;2	4s	4.25	Good	Early Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Drawn up due to local competition. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	15-20	B2
03-T086	Tag081	London plane *Platanus × acerifolia*	15	520	6.2	6;5;5;4	4n	4.25	Good	Early Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Well formed with sound unions and no visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2

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03-T087	Tag082	Norway maple *Acer platanoides*	11	400	4.8	3;4;3;3	4.5e	4.75	Poor	Early Mature	Poor	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Deadwood east over footpath. Appears to be in a state of stress with secondary growth in lower canopy.	Remove deadwood over footpath.	Recommend felling and replaced as part of new planting schedule.	10-15	C2
03-T088	Tag083	London plane *Platanus × acerifolia*	15	560	6.7	6;5;6;5	2.25n	2.5	Good	Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Multi stemmed from 2.25m. Sound unions and no visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T089	Tag084	London plane *Platanus × acerifolia*	12	520	6.2	6;3;2;4	4n	4.25	Good	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Sub-dominant to neighbouring tree group. Growth extended north as a result. Minor bark damage at root flare east.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-T090	Tag085	London plane *Platanus × acerifolia*	12	420	5	2;1;1;6	5w	5.25	Fair	Early Mature	Fair	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Single stemmed and suppressed in form due to local competition. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	10-15	C2
03-T091	Tag086	London plane *Platanus × acerifolia*		70	0.8				Dead	Young			Fell	Fell and not be replaced as to afford better conditions for neighbouring tree (03-T092).		U
03-T092	Tag087	London plane *Platanus × acerifolia*	13	350	4.2	4;2;5;4	5.5s	5.75	Fair	Early Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Single stemmed with growth suppressed east due to local competition. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	B2
03-T093	Tag088	Norway maple *Acer platanoides*		310	3.7			0.25	Dead	Early Mature			Fell	Recommend felling and replaced as part of new planting schedule.	0	U
03-T094	Tag089	London plane *Platanus × acerifolia*	15	430	5.2	6;1;4;4	2.5s	2.75	Good	Early Mature	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Minor dead wood east at 4.5m due to light suppression. Drawn up due to local competition.	Remove deadwood over footpath east.	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-T095	Tag090	London plane *Platanus × acerifolia*	2.25	30	0.4	0.5;0.5;0.5;0.5	1.75n	2	Fair	Juvenile	Good	Located within a grass verge 0.25m from kerb side on the eastern side of St.Mobhí Road. Juvenile with no visible defects.	No action necessary	Juvenile tree that will have roots confined to grass verge area. No action necessary. SUDs are shown in this area, so if a swale is used here airspade techniques must to used to reduce impact on roots.	10-15	C2
03-T096	Tag091	Norway maple *Acer platanoides*		370	4.4				Dead	Early Mature			Fell	Recommend felling and replaced as part of new planting schedule.	0	U
03-T097	Tag0092	London plane *Platanus × acerifolia*	14	450	5.4	5;5;4;1	4s	4.25	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Canopy has been pruned west over footpath. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2

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03-T098	Tag093	Norway maple *Acer platanoides*	12	370	4.4	5;4;4;2	3s	3.25	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Basal growth though no defects visible. Crown well formed.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T099	Tag094	London plane *Platanus × acerifolia*	17	640	7.7	4;7;6;4	3.5s	3.75	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 4m with sound unions present. Crown well formed. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T100	Tag095	Norway maple *Acer platanoides*	13	430	5.2	5;4;3;4	3.25n	3.5	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Form slightly suppressed due to local competition. Drawn up as a result. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T101	Tag096	London plane *Platanus × acerifolia*	22	690	8.3	6.5;8;6;5	4n	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 3.5m with sound unions present. No defects visible.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T102	Tag097	Norway maple *Acer platanoides*	14	420	5	5;5;4;3	2.25n	2.5	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. No local light suppression has resulted in a well developed canopy. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T103	Tag098	London plane *Platanus × acerifolia*	20	680	8.2	6;6;6;4	2.25s	2.5	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Dominant in local tree group. Well formed canopy with sound stem unions. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T104	Tag099	London plane *Platanus × acerifolia*	22	680	8.2	8;7;6;4.5	4s	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Dominant in local tree group. Well formed canopy with sound stem unions. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T105	Tag100	London plane *Platanus × acerifolia*	23	720	8.6	6;7;6;6	3.5s	3.75	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 2.5m with sound unions. Well formed canopy. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T106	Tag101	Norway maple *Acer platanoides*	21	520	6.2	5;5;6;4	5n	5.25	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Well formed specimen with sound unions and a classical crown formation. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T107	Tag102	London plane *Platanus × acerifolia*	23	660	7.9	8;7;7;6	4w	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 4m with sound unions present. Dominant within local tree group. Well formed canopy. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2

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03-T0108	Tag103	London plane *Platanus × acerifolia*	24	660	7.9	7;7;7;4	4s	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Larger specimen with well formed canopy and sound unions present. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T109	Tag104	Norway maple *Acer platanoides*	14	440	5.3	4;5;5;3	3.5s	3.75	Fair	Early Mature	Fair	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Deadwood in stem west over footpath. Sound unions present from multi stemmed at 3m.	Remove deadwood west at 7m.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	B2
03-T110	Tag105	London plane *Platanus × acerifolia*	4.25	150	1.8	3;3;2;3	3n	3.25	Good	Young	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Young and vigorous though long-term potential reduced by close proximity of nearby trees.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T111	Tag106	London plane *Platanus × acerifolia*	19	660	7.9	6;7;6;3	4n	4.25	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 3m with relatively open unions. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T112	Tag107	London plane *Platanus × acerifolia*	9	280	3.4	3;4;4;3	4.5s	4.75	Good	Early Mature	Fair	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Sub-dominant to neighbouring tree. Trunk co-dominant at 3.75m with a tight "V" shaped union present that may limit long-term potential. Roots exposed with minor damage present south.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T0113	Tag108	London plane *Platanus × acerifolia*	22	620	7.4	7;7;5;6	2.5n	2.75	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 3m with sound unions. Minor pavement heave south. Dominant within neighbouring tree group. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T0114	Tag109	Norway maple *Acer platanoides*	13	460	5.5	4;5;4.5;3	3.5n	3.75	Good	Early Mature	Fair	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Dead wood north at 3m. Multi stemmed with sound unions. Cavity with minor decay in south west stem at 2.75m.	Monitor cavity and remove deadwood.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	B2
03-T115	Tag110	London plane *Platanus × acerifolia*	22	680	8.2	6;6;8;3	3s	3.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 3m with sound unions present. Well formed canopy. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T116	Tag111	Norway maple *Acer platanoides*	15	460	5.5	2;2;3;4	3s	3.25	Good	Early Mature	Fair	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Bark damage at base east. Minor calvities at stem basin north. Form drawn up from Roadside maintenance activity east.	Monitor bark damage east.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	B2
03-T117	Tag112	London plane *Platanus × acerifolia*	23	680	8.2	6;6;5;5	4s	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 3m with sound unions present. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T118	Tag113	Norway maple *Acer platanoides*	19	620	7.4	6;5;5;3	3n	3.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Minor cavity west at 2.25m. Well developed and vigorous crown. Sound unions present.	Monitor cavity west.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T119	Tag114	Cherry cultivar *Prunus* cv	6.5	520	6.2	4;3;3;3.5	2.25w	2.5	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Exhibits a lean to west by 0.5m. Vigorous crown. No defects visible.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T120	Tag115	Norway maple *Acer platanoides*	20	580	7	3;6;4;5	4s	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Bark damage north at 0.25m for 0.75m. Multi stemmed from 3m with some close unions though unlikely to limit long-term potential.	Monitor bark damage east.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T121	Tag116	London plane *Platanus × acerifolia*	14	500	6	6;2;4;4	5n	5.25	Fair	Early Mature	Fair	Located 0.25m from the kerb side on the eastern side of St. Mobhí Road. Sub-dominant to neighbouring trees with suppressed vigour as a result. Hanging branch at 5m north. Deadwood in lower canopy north.	Dead wood	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T0122	Tag117	London plane *Platanus × acerifolia*		110	1.3				Dead	Young			Fell	Fell	0	U
03-T123	Tag118	London plane *Platanus × acerifolia*	16	500	6	7;4;5;5	4n	4.25	Good	Early Mature	Good	Located 0.25m from the kerb side on the eastern side of St. Mobhí Road. Co-dominant at 3m with sound union present. Minor mower damage at root flare east.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	30-40	B2
03-T124	Tag119	Norway maple *Acer platanoides*	12	400	4.8	4;4;4;3	4n	4.25	Good	Early Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Single stemmed with a well developed canopy. No visible defects apart from minor mower damage east with no associated decay.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T125	Tag120	London plane *Platanus × acerifolia*	18	620	7.4	6;5;5;6	4s	4.25	Good	Mature	Good	Located 0.25m from the kerb side on the western side of St. Mobhí Road. Multi stemmed from 4m with sound unions present. Well developed crown. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T126	Tag121	Norway maple *Acer platanoides*	17	600	7.2	4;4;3;3	2.5e	2.75	Good	Mature	Fair	Located 0.25m from the kerb side on the eastern side of St. Mobhí Road. Has sustained bark damage north from traffic impact. Mower damage to roots east. Decay not present at either of these points. Crown structure drawn up due to pruning activity. Sound unions present.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-T127	Tag122	London plane *Platanus × acerifolia*	20	640	7.7	7;6;6;5.5	6e	6.25	Good	Mature	Good	Located 0.25m from the kerb side on the eastern side of St. Mobhí Road. Multi stemmed from 4m with sound open unions. Minor mower damage east at root flare with no associated decay. Crown well developed.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T128	Tag123	Norway maple *Acer platanoides*	17	560	6.7	5;3;5;5	2.5n	2.75	Good	Mature	Fair	Located 0.25m from the kerb side on the eastern side of St. Mobhí Road. Has sustained traffic impact damage north at 0.25m with bark loss and localised decay. Trunk co-dominant at 4m with a sound u shaped union present. Crown well developed.	Monitor impact point north. No short term risk presents but long term potential likely to be significantly reduced.	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	15-20	B2
03-T129	Tag124	London plane *Platanus × acerifolia*	20	540	6.5	6;5;5;4.5	4w	4.25	Good	Mature	Fair	Located 0.25m from the kerb side on the south of Home Farm Road. Trunk co-dominant at 6m with minor included bark present in stem union. Deadwood west at 4m. Otherwise crown well developed.	Remove limb 4m west over Roadway.	No action necessary	15-20	B2

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03-T130	Tag125	London plane *Platanus × acerifolia*	20	660	7.9	6;6;5;5	3e	3.25	Good	Mature	Good	Located 0.25m from the kerb side on the north side of Home Farm Road. Well developed with no visible defects.	No action necessary	No action necessary	40	A2
03-T131	Tag126	London plane *Platanus × acerifolia*	20	660	7.9	5;4;6;6	3s	3.25	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed from 2.5m with some minor bark inclusion present though not significant at present. Roadside lighting intrudes canopy north. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T132	Tag127	Norway maple *Acer platanoides*	18	580	7	4;5;5;5	4.5e	4.75	Good	Mature	Fair	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed from 2.5m with sound unions. Limb at 3m north presents fungal growth.	Monitor limb at 3m north where infection may develop failure risk.	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T133	Tag128	London plane *Platanus × acerifolia*	21	660	7.9	5;6;7;6	3n	3.25	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Three vertically pronounced stems from 3.75m. Well developed with no visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T134	Tag129	Norway maple *Acer platanoides*	17	560	6.7	6;5;3;3	6n	6.25	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Sub-dominant to neighbouring tree south. Multi stemmed with sound unions present. Roadside lighting intruding canopy at 1m south. No defects visible.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T135	Tag130	London plane *Platanus × acerifolia*	23	820	9.8	6;6;6;6	4.5e	4.75	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Minor root damage north from mower activity. Multi stemmed from 5m with sound unions. Well form crown.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T136	Tag131	Norway maple *Acer platanoides*	17	510	6.1	4;5;4;5	6e	6.25	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Well formed with no visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T137	Tag132	London plane *Platanus × acerifolia*	17	400	4.8	3;6;7;6	5s	5.25	Good	Early Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Single stemmed and sub-dominant. Canopy extended south as a result. No defects visible.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T138	Tag133	London plane *Platanus × acerifolia*	24	660	7.9	6;6;5;6	4s	4.25	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Single stemmed with sound branch unions. Dominant within neighbouring group. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T0139	Tag134	Norway maple *Acer platanoides*	18	580	7	5;4;5;4	3.5s	3.75	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Trunk co-dominant at 2.5m with open union present. Minor damage to exposed roots east likely from mower activity. Crown well formed.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T140	Tag135	London plane *Platanus × acerifolia*	8.5	210	2.5	4;4;4;4	3.5n	3.75	Good	Young	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Young and single stemmed. Vigorous canopy cover. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	B2
03-T141	Tag136	London plane *Platanus × acerifolia*	18	580	7	5;5;6;6.5	5.5w	5.75	Good	Mature	Fair	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Has had large limb removed over footpath east and recovered well. Slightly crowded branch formation. No defects visible.	Overhaul	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T142	Tag137	Norway maple *Acer platanoides*	14	520	6.2	4;2;4;2.5	8s	8.25	Poor	Mature	Poor	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed from 2.25m with a close stem formation. Deadwood throughout into upper canopy. In a state of decline.	Fell	Recommend felling and replaced as part of new planting schedule.	<10	U

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03-T143	Tag138	London plane *Platanus × acerifolia*	18	600	7.2	4;6;5;3.5	5w	7	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed with sound unions. Well formed crown. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T144	Tag139	Norway maple *Acer plátanoides*	17	540	6.5	4;4;4;4	4e	5	Good	Mature	Fair	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed from 2.75m. Tightly spaced stems produce a dense branch structure. No defects visible at base.	Overhaul	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-T145	Tag140	London plane *Platanus × acerifolia*	15	580	7	6;5;5;4	5w	6	Good	Mature	Fair	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed at 2.25m with poor unions present which are likely to impact long term potential. No other defects visible.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T146	Tag141	Norway maple *Acer plátanoides*	8	280	3.4	2;2;2;2	3n	3.25	Fair	Young	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. No visible defects but vigour is suboptimal.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T147	Tag142	London plane *Platanus × acerifolia*	15	560	6.7	5;6;5;4	4.25n	4.5	Good	Mature	Good	Located 0.25m from kerb side of St.Mobhí Road on the eastern side. Multi stemmed from 3.5m with sound unions present. Minor damage to exposed roots west. Canopy limited west due to Roadside maintenance.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	B2
03-T148	Tag143	London plane *Platanus × acerifolia*	3	90	1.1	1;1;1;1	2.5w	2.75	Good	Young	Fair	Located on the corner of Griffith Avenue and St Mobhí Road. Mower impact damage west at base.	No action necessary	Construction of cycle path to east of trunk. Roots likely to be confined to grass verge area due to size.	10-15	C2
03-T149	Tag144	London plane *Platanus × acerifolia*	17	660	7.9	6;6;6;5	4n	4.25	Good	Mature	Fair	Located 0.25m from the kerb on the western side of St. Mobhí Road. Multi stemmed from 3.5m with minor bark inclusion on the southern stem. May limit long term potential but not an issue in short-medium term. No other defects visible.	Monitor point of inclusion.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T150	Tag145	Norway maple *Acer plátanoides*	13.5	520	6.2	2;3;3;2	2.5s	2.75	Poor	Mature	Poor	Located 0.25m from the kerb on the western side of St. Mobhí Road. Of poor vigour with secondary growth in lower canopy.	Review condition annually and remove if vigour deteriorates.	Recommend felling and replace as part of new planting schedule.	10	C2
03-T151	Tag146	London plane *Platanus × acerifolia*	7.5	700	8.4	7.5;7.5;6;5	5w	5.25	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Multi stemmed from 4.5m with sound unions. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T152	Tag147	Norway maple *Acer plátanoides*	17	640	7.7	4;5;6;4	4s	4.25	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Multi stemmed from 3.5m with sound unions. Minor bark damage south at 4m with no associated decay visible. Crown well formed.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T153	Tag148	Norway maple *Acer plátanoides*	14	450	5.4	4;4;2;2	6e	6.25	Good	Early Mature	Fair	Located 0.25m from the kerb on the western side of St. Mobhí Road. Sub-dominant to mature maple south. Has drawn up form as a result. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2

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03-T154	Tag149	Norway maple *Acer platanoides*	13	440	5.3	2.5;4;4;3	2.5s	2.75	Fair	Early Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Canopy limited north due to local competition. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T155	Tag150	London plane *Platanus × acerifolia*	19	660	7.9	6;7;6;6	4n	4.25	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Minor pavement heave west. Well formed with no visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T156	Tag151	London plane *Platanus × acerifolia*	18	610	7.3	6;7;7;5	2w	2.25	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Trunk co-dominant at 3m with a sound union present. Crown well formed. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	40	A2
03-T157	Tag152	Norway maple *Acer platanoides*	17	520	6.2	3;4;4;3	4n	4.5	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Well formed with no visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T158	Tag153	London plane *Platanus × acerifolia*	20	680	8.2	6;6;6;5	5n	6	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Multi stemmed from 4m. Well formed with sound unions. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T159	Tag154	London plane *Platanus × acerifolia*	20	640	7.7	6;7;6;5	6n	6	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Trunk co-dominant from 2.25m with a sound union. No defects visible.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T160	Tag155	London plane *Platanus × acerifolia*	19	590	7.1	5;7;5;6	4n	4.5	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Street lamp intrudes into canopy south. Trunk co-dominant from 3m with a sound union. Crown well formed. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T161	Tag156	Norway maple *Acer platanoides*	18	560	6.7	5;5;6;5	4w	4.5	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Trunk co-dominant at 3m with sound union. Form slightly drawn up. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	30-40	A2
03-T162	Tag157	London plane *Platanus × acerifolia*	20	580	7	7;7;5;5	3w	4	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Minor bark damage north at 1.75m with no associated decay. Sound unions and a well formed canopy.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T163	Tag158	Norway maple *Acer platanoides*	18	580	7	4;4;5;5	3s	4	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Multi stemmed at 3m with sound unions. No visible defects apart from minor bark damage east with no associated decay.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance. SUDs are shown in this area north of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	30-40	A2

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03-T164	Tag159	London plane *Platanus × acerifolia*	20	680	8.2	7;6;5;6	4.5n	4.5	Good	Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road. Well formed with sound unions. No visible defects.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T0165	Tag160	London plane *Platanus × acerifolia*	10	210	2.5	5;5;3;4	2.5w	3	Good	Young	Fair	Located 0.25m from the kerb on the western side of St. Mobhí Road. Single stemmed with a raised canopy east over Roadway. Some bark damage north due to likely traffic impacts.	No action necessary	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10-15	C2
03-T166	Tag161	London plane *Platanus × acerifolia*	15	560	6.7	4;5;6;4	3n	3.5	Good	Mature	Fair	Located 0.25m from the kerb on the western side of St. Mobhí Road, north of Griffith Ave. Bark damage from vandalism at base west. Crown markedly reduced due to Roadside maintenance.	No action necessary	No action necessary	20-30	B2
03-T167	Tag162	Norway maple *Acer platanoides*	18	520	6.2	6;6;4;3	4w	4.5	Good	Mature	Fair	Located 0.25m from the kerb on the western side of St. Mobhí Road, north of Griffith Ave. A street lamp intrudes into the canopy at 0.25m south. Trunk is multi stemmed from 3m with sound unions. Minor root damage east. A slight lean west from base that corrects at 3m.	No action necessary	No action necessary	20-30	B2
03-T168	Tag163	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	9	300	3.6	3;3;3;3	2n	2.25	Good	Early Mature	Fair	Located 0.25m from the kerb on the western side of St. Mobhí Road, north of Griffith Ave. Roots have displaced pavement south with shallow crack appearing for 1.75m. Some close branch unions have produced overcrowding and rubbing at 2.5m. Rounded canopy produces an attractive profile.	Prune to reduce crowding.	No action necessary	20-30	B2
03-T169	Tag164	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	9	250	3	2;3;3;3	2s	2.25	Good	Early Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road, north of Griffith Ave. Sub-dominant to tree north with canopy reduced here as a result. A rounded canopy that presents an attractive profile. No defects visible.	No action necessary	No action necessary	20-30	B2
03-T170	Tag165	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	9	330	4	3;3;3;3	2s	2.25	Good	Early Mature	Good	Located 0.25m from the kerb on the western side of St. Mobhí Road, north of Griffith Ave. Pronounced pavement heave from root displacement west. Minor bark inclusion at union points at 2.25m. Rounded canopy produces an attractive profile. No other defects visible.	Alert on area of pavement heave.	No action necessary	20-30	B2
03-T171	Tag166	London plane *Platanus × acerifolia*	16	510	6.1	1;5;2;4	3w	3.25	Fair	Mature	Good	Located on the corner of Griffith Ave. and St.Mobhí road. 1m from the northern kerb side. Has a shallow canopy, with growth extending only on east-west axis. No visible defects.	No action necessary	Construction of cycle path to south of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T172	Tag167	London plane *Platanus × acerifolia*	22	720	8.6	6;6;4;6	5.5n	5.75	Good	Mature	Good	Located on the corner of Griffith Ave. and St.Mobhí Road, 1m from a low property boundary wall. Trunk to three stems at 3m with good unions. Dominant to local trees. Services box at 0.25m west. No visible defects.	No action necessary	No action necessary	40	A2
03-T173	Tag168	London plane *Platanus × acerifolia*	18	600	7.2	6;6;6;6	3e	3.25	Good	Mature	Good	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Multi stemmed from 2.75m with sound unions. Drawn up form due to Roadside pruning activity.	No action necessary	Remove to facilitate construction of cycle path.	30-40	B2
03-T174	Tag169	London plane *Platanus × acerifolia*	18	600	7.2	4;6;5;6	3e	3.25	Good	Mature	Fair	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Multi stemmed from 2.25m with some unfavourable unions south though not significant at present. Crown reduced over Roadside and growth extended east as a result.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T175	Tag170	London plane *Platanus × acerifolia*	13	300	3.6	4;5;4;5	4s	4.25	Good	Early Mature	Good	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Single stemmed with canopy raised over Roadway. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	20-30	B2
03-T176	Tag171	London plane *Platanus × acerifolia*	21	600	7.2	7;6;5;6	4n	4.25	Good	Mature	Good	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Four stems from 2.5m with sound unions. Crown well formed despite Roadside pruning activities. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T177	Tag172	Norway Maple *Acer plátanoides* 'Drummondii'	5.5	230	2.8	3;2;1;2	2.25n	2.5	Fair	Young	Fair	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Large section of bark damage south. Likely to limit long-term potential.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	10	C2
03-T178	Tag173	Norway Maple *Acer plátanoides* 'Drummondii'	8	320	3.8	3;3;4;3	3.5n	3.75	Good	Early Mature	Good	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Single stemmed and well formed. No visible defects.	No action necessary	Remove to facilitate the expansion of the foot path adjacent to proposed bus stop.	20-30	B2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T179	Tag0174	London plane *Platanus × acerifolia*	19	620	7.4	6;5;5.5;5	4.5n	4.75	Good	Mature	Good	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Sound unions and a well formed crown. No visible defects.	No action necessary	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	40	A2
03-T180	Tag175	London plane *Platanus × acerifolia*	21	580	7	6;5;5;4	6n	6.25	Fair	Mature	Fair	Located 0.25m from the kerb side of the eastern St.Mobhí Road, north of Griffith Ave. Cavity in southern stem at 5.5m. Vigour not ideal with some minor deadwood south in upper canopy.	Reduce canopy south by 1m.	Construction of cycle path to east of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20	B2
03-T181	Tag176	London plane *Platanus × acerifolia*	19	620	7.4	7;6;4;5	5n	5.25	Good	Mature	Good	Located 0.25m from the kerb side of the eastern Ballymun Road, north of Griffith Ave. Street lamp intrudes into the canopy 1m south. Multi stemmed at 5m with the central stem exhibiting cavity south above unions.	Prune central stem.	Remove to facilitate cyclepath construction.	20-30	B2
03-T0182	Tag177	Sycamore *Acer pseudoplatanus*	5	130	1.6	1;1;1;1	1.5n	1.75	Fair	Young	Fair	Located within a grass verge on a central median on the Ballymun Road. Young and well formed though some twiggy appearance throughout crown.	No action necessary	No action necessary	10-15	C2
03-T183	Tag178	Sycamore *Acer pseudoplatanus*	7.5	230	2.8	2;3;2;3	3n	3.25	Good	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Some poor unions at point of stem formation. Not significant at present though likely to reduce long-term potential. Soil built up around base.	No action necessary	No action necessary	15-20	C2
03-T184	Tag179	Sycamore *Acer pseudoplatanus*	6.5	150	1.8	2;2.5;1;1	2.5n	2.75	Good	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Minor bark damage at base east from traffic impact. Contains hanging branch in lower canopy south. Dead wood at south.	Remove deadwood and hanging branch.	No action necessary	10-15	C2
03-T185	Tag180	Sycamore *Acer pseudoplatanus*	7	240	2.9	4;4;4;3	3.5n	3.75	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Single stemmed and well formed. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T186	Tag181	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6.5	330	4	3;3;2;3	1e	1.25	Fair	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Soil built up around base. Scorch on leafs.	Review soil management for build-up and drainage.	No action necessary	10-15	C2
03-T187	Tag182	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5.5	240	2.9	2;2;2;2	0	0.25	Good	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Street lamp intrudes in canopy 1.5m south. Leaf scorch in lower canopy.	Review drainage options.	No action necessary	15-20	C2
03-T188	Tag183	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5	310	3.7	2;2;2;2	0	0.25	Poor	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Soil built up at base. Dead wood at top of central stem. Leaf scorch in places.	Review drainage options.	No action necessary	10-15	C2
03-T189	Tag184	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5	230	2.8	1;2;2;2	0.5e	0.75	Poor	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Loss of vigour and exhibiting leaf scorch due to poor drainage with hard soil and rainwater runoff to Road below.	Review drainage	No action necessary	10-15	C2
03-T190	Tag185	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	4	160	1.9	1;1;1;1	0	0.25	Poor	Young	Fair	Located within a grass verge on a central median on the Ballymun Road. Loss of vigour and exhibiting leaf scorch due to poor drainage with hard soil and rainwater run-off to adjacent Roadway. Sub-dominant to neighbouring tree north.	Review drainage	No action necessary	10-15	C2
03-T191	Tag186	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	4	220	2.6	1;1;1;1	0.5e	0.75	Poor	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Loss of vigour and exhibiting leaf scorch due to poor drainage with hard soil and rainwater run-off to adjacent Roadway. Sub-dominant to acer north.	Review drainage	No action necessary	10-15	C2
03-T192	Tag187	Sycamore *Acer pseudoplatanus*	9	320	3.8	3;3;3;3	2n	2.25	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Multi stemmed at 2.25m minor deadwood at union. Otherwise on visible defects.	Dead wood	No action necessary	15-20	B2
03-T193	Tag188	Norway Maple *Acer platanoides* 'Drummondii'	9	190	2.3	1;3;1;1	1.75w	2	Fair	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Sub-dominant to neighbouring trees and drawn up as a result. Light deadwood scattered through canopy. No visible defects.	Dead wood	No action necessary	10-15	C2
03-T194	Tag189	Sycamore *Acer pseudoplatanus*	9	320	3.8	5;6;3;4	7w	7.25	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Trunk multi stem at 2.25m with sound unions. No visible defects.	No action necessary	No action necessary	30-40	B2
03-T195	Tag190	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5.5	280	3.4	2;3;2;1	0.5e	0.75	Poor	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Bark loss west at 0.25m with no associated decay.	No action necessary	No action necessary	10-15	C2
03-T196	Tag191	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	330	4	2;2;2;3	0	0.25	Good	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Soil built up at base. Light deadwood in crown.	Dead wood	No action necessary	15-20	B2
03-T197	Tag192	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5.5	280	3.4	2.5;1;2;2	3e	3.25	Fair	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Trunk co-dominant at 0.25m with a tight union. Leaf scorch in lower canopy.	No action necessary	No action necessary	10-15	C2
03-T198	Tag193	Sycamore *Acer pseudoplatanus*	5	190	2.3	2;1;2;2	2n	2.25	Good	Young	Poor	Located within a grass verge on a central median on the Ballymun Road. Bark damage south at base with no associated decay. Tight union with potential for included bark.	No action necessary	No action necessary	15-20	C2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T199	Tag194	Sycamore *Acer pseudoplatanus*	5	120	1.4	1;1;1;1	2.25e	2.5	Good	Young	Good	Located within a grass verge on a central median on the Ballymun Road. Young and well formed. No visible defects.	No action necessary	No action necessary	15-20	C2
03-T200	Tag195	Sycamore *Acer pseudoplatanus*	5	120	1.4	1;2;1;2	2w	2.25	Good	Young	Good	Located within a grass verge on a central median on the Ballymun Road. Young and well formed. No visible defects.	No action necessary	No action necessary	15-20	C2
03-T201	Tag196	Sycamore *Acer pseudoplatanus*	5.5	140	1.7	1;1;1;2.5	1.75w	2	Good	Young	Good	Located within a grass verge on a central median on the Ballymun Road. Young and well formed. No visible defects.	No action necessary	No action necessary	15-20	C2
03-T202	Tag197	Sycamore *Acer pseudoplatanus*	7.5	230	2.8	0.5;2;3;2	2s	2.25	Good	Early Mature	Poor	Located within a grass verge on a central median on the Ballymun Road. Sub-dominant to neighbour to north. Canopy suppressed north as a result. Deadwood in southern stem.	No action necessary	No action necessary	10-15	C2
03-T203	Tag198	Sycamore *Acer pseudoplatanus*	8	280	3.4	3;4;2;3	1.75n	2	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Dominant within neighbouring tree group. Well formed with no visible defects.	No action necessary	No action necessary	20-30	B2
03-T204	Tag199	Sycamore *Acer pseudoplatanus*	7	220	2.6	2;3;0.5;2	2.25n	2.5	Fair	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Sub-dominant and drawn up as a result. Canopy suppressed south. No visible defects.	No action necessary	No action necessary	10-15	C2
03-T205	Tag200	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5.5	260	3.1	2;2;1;2	1w	1.25	Good	Early Mature	Fair	Located within a grass verge on a central median on the Ballymun Road. Canopy suppressed south due to neighbouring tree. No visible defects.	No action necessary	No action necessary	15-20	B2
03-T206	Tag201	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5	190	2.3	1;2;1;2	1n	1.25	Poor	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Canopy suppressed due to neighbouring tree. No defects visible.	No action necessary	No action necessary	10-15	C2
03-T207	Tag202	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5	250	3			0.25	Dead	Early Mature		Located within a grass verge on a central median on the Ballymun Road (opposite house no. 55).	Fell - Fall target (Roadway) east and west.	Fell		U
03-T208	Tag203	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5	220	2.6	1;2;1;2	1.5w	1.75	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Leaf scorch in lower canopy. Some tight stem unions but not significant at present.	No action necessary	No action necessary	10-15	C2
03-T209	Tag204	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	7	220	2.6	2;2;2;2.5	2n	2.25	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Well formed with no visible defects.	No action necessary	No action necessary	20-30	B2
03-T210	Tag205	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5.5	180	2.2	1.5;1.5;1.5;1.5	1.75e	2	Good	Early Mature	Good	Located within a grass verge on a central median on the Ballymun Road. Minor bark damage north. Crown well formed and vigorous.	No action necessary	No action necessary	15-20	B2
03-T211	Tag206	Sycamore *Acer pseudoplatanus*	5	130	1.6	2;1;2;3	3.5n	3.75	Good	Young	Fair	Located 0.25m from the kerb of the western side of the Ballymun Road. Young and relativity well formed with minor deadwood west over pathway.	Dead wood	No action necessary	15-20	C2
03-T212	Tag207	Sycamore *Acer pseudoplatanus*	9	190	2.3	3;2.5;3;4		0.25	Good	Young	Good	Located 0.25m from the kerb of the western side of the Ballymun Road. Well formed with canopy slightly reduced over Roadway.	No action necessary	No action necessary	20-30	B2
03-T213	Tag208	Sycamore *Acer pseudoplatanus*	7.5	180	2.2	2;1.5;2;2	3.5n	3.75	Good	Young	Good	Located 0.25m from the kerb of the western side of the Ballymun Road. Well formed with canopy slightly reduced over Roadway.	No action necessary	No action necessary	20-30	B2
03-T214	Tag209	Sycamore *Acer pseudoplatanus*	3.5	60	0.7	0.5;0.5;0.5;0.5	4n	4.25	Poor	Young	Poor	Located 0.25m from the kerb of the western side of the Ballymun Road. Juvenile with twiggy branch appearance.	Loosen stake strap and review for replacement.	Remove to facilitate construction of cycle path.	10	C2
03-T215	Tag210	Sycamore *Acer pseudoplatanus*	9	180	2.2	2;3;2;1.5	2.25w	2.5	Good	Young	Good	Located 0.25m from the kerb of the eastern side of the Ballymun Road. Well formed with no visible defects.	No action necessary	Remove to facilitate construction of cycle path.	20-30	B2
03-T216	Tag211	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	7	160	1.9	2;2;2;2	4n	4.25	Good	Young	Good	Located within a grass verge on a central median on the Ballymun Road. No visible defects.	No action necessary	No action necessary	20-30	B2
03-G217	Tag212	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	8	280	3.4	3;3;3;3	2e	2.25	Good	Early Mature	Good	Located on the eastern side of the Ballymun Road 3m from the Roadside. This group of three hornbeam show no major defects just minor leaf scorch in the lower canopy.	No action necessary	Two northern most trees needs to be removed to facilitate construction of cycle path.	20-30	B2
03-T218	Tag213	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	10	280	3.4	2;3;2;2	2.5e	2.75	Good	Early Mature	Good	Located on a grass verge within a central median adjacent to Albert college park on the Ballymun Road. Well formed with no visible defects.	No action necessary	SUDs are shown in this area south of trunk, so if a swale is used here airspade techniques must to used to reduce impact on roots.	20-30	B2
03-G219	Tag214	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	140	1.7	1;1;1;1	1.5s	1.75	Fair	Young	Fair	Located on a grass verge within a central median adjacent to Albert college park on the Ballymun Road. A group of 22 young hornbeams that are in poor condition due to sub optimal drainage conditions.	Review drainage options.	No action necessary	10	C2
03-T220	Tag215	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	220	2.6	2;3;1;2	1.75e	2	Fair	Early Mature	Fair	Located on a grass verge within a central median adjacent to Albert college park on the Ballymun Road. Leaf scorch and poor vigour throughout crown.	Review drainage options	No action necessary	10	C2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T221	Tag216	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	210	2.5			0.25	Dead	Young			Fell - fall hazard by way of Roadway east/ west.	Fell		U
03-T222	Tag217	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	180	2.2				Dead	Young			Fell	Fell		U
03-T223	Tag218	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	10.5	240	2.9	3;3.5;1;3	2e	2.25	Good	Early Mature	Good	Located on a grass verge within a central median adjacent to Albert college park on the Ballymun Road. Well formed with no visible defects.	No action necessary	No action necessary	20-30	B2
03-G224	Tag219	Sycamore *Acer pseudoplatanus*	11	260	3.1	2;1.5;2;3	5e	5.25	Good	Early Mature	Good	Located adjacent to Albert college park on the western side of the Ballymun Road 0.25m from the kerb. A group of three early mature sycamores that have slightly reduced canopies east due to Roadside pruning. Otherwise well formed with no visible defects.	No action necessary	No action necessary	20-30	B2
03-G225	Tag220	Sycamore *Acer pseudoplatanus*	11	370	4.4	3;3;3;3	6e	6.25	Good	Early Mature	Good	Located at both sides of the eastern entrance to St.Canices Road less than 0.25m from the kerb. A group of two early mature sycamore that have their canopies reduced towards the Roadside. The southern specimen has overhead services intruding into the canopy. No defects visible.	No action necessary	No action necessary	20-30	B2
03-T226	Tag221	Sycamore *Acer pseudoplatanus*	6	200	2.4	3;2;3;3	2w	2.25	Good	Young	Good	Located adjacent to Albert college park on the western side of the Ballymun Road. Single stemmed with a well formed crown.	No action necessary	The roadway is likely to constrain root growth the towards the east. Cycle path construction will have little impact on this tree.	20-30	B2
03-G227	Tag222	Sycamore *Acer pseudoplatanus*	13	350	4.2	5;3;5;4	5n	5.25	Good	Early Mature	Good	Located adjacent to Albert college park on the western side of the Ballymun Road. A group of 5 early mature sycamore. Minor pavement heave from root displacement visible west. Canopies reduced east due to Roadside maintenance. Otherwise well formed if somewhat drawn up.	No action necessary	The roadway is likely to constrain root growth the towards the east. Cycle path construction will have little impact on these trees.	30-40	B2
03-T228	Tag223	Beech *Fagus sylvatica*	22	1120	13.4	7;6;5;6	6w	6.25	Good	Mature	Fair	Located within an open area 20m north of the DCU entrance on the eastern side of the Ballymun Road. Trunk co-dominant at 2.5m with a sound union. A large section of the northern stem has failed at 8m with decay extending up the remaining 2.5m. Underneath this point no deadwood is visible and the vigour is good. Examination with a sounding hammer found no areas with internal cavities to 3m. Despite this defect, this tree retains a full crown and presents a specimen of high landscape value.	Monitor area of decay around northern stem.	Proposed works to intrude into the RPA north of tree. However existing footpath will reduce impact on roots. Recommend excavation with hand tools to minimise disturbance.	30-40	A2
03-T229	Tag224	Sycamore *Acer pseudoplatanus*	3.25	80	1	0.5;1;0.5;0.5	2e	2.25	Poor	Young	Fair	Located within a grass verge on the central median adjacent to Albert college park. Scorched leaves due to drainage issue. Poor vigour as a result.	Review drainage options.	No action necessary	10-15	C2
03-T0230	Tag225	Sycamore *Acer pseudoplatanus*	7	180	2.2	2;2;1;2	2w	2.25	Poor	Young	Fair	Located within a grass verge on the central median adjacent to Albert college park. Scorched leaves due to drainage issue. Poor vigour as a result. Contains a plaque with a dedication to a Road traffic victim.	No action necessary	No action necessary	10-15	C2
03-G231	Tag226	Sycamore *Acer pseudoplatanus*	9	200	2.4	2;2;2;2	2w	2.25	Good	Young	Good	Located within a grass verge on the central median adjacent to Albert College Park. Group of two young sycamore. Good unions present and no visible defects.	No action necessary	No action necessary	15-20	B2
03-G232	Tag227	Sycamore *Acer pseudoplatanus*	6	130	1.6	2;1;2;1	2	2.25	Poor	Young	Fair	Located within a grass verge on the central median adjacent to Albert College Park. A group of 15 young sycamore. Exhibiting poor vigour due to suboptimal drainage. (323-337)	Review drainage options.	A modification to the contours of this median will result in the loss of three these trees on the eastern edge of medium (refer to drawing TBAL001_129).	10	C2
03-T233	Tag228	Sycamore *Acer pseudoplatanus*	5	180	2.2				Dead				Fell	Fell	0	U
03-G234	Tag229	Sycamore *Acer pseudoplatanus*	7.5	220	2.6	2;2.5;2;2.5	2e	2.25	Fair	Early Mature	Good	Located within a grass verge on the central median adjacent to Albert College Park. A group of 8 early mature sycamore. Some minor deadwood in smaller branches but vigour fair.	No action necessary	No action necessary	15-20	B2
03-G235	Tag230	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	5	200	2.4	1.5;1.5;1.5;1.5	2e	2.25	Fair	Early Mature	Fair	Located within a grass verge on the central median adjacent to Albert College Park. A group of two early mature hornbeam. Lacking in vigour due to poor drainage.	Review drainage options.	No action necessary	10-15	C2
03-T236	Tag231	Sycamore *Acer pseudoplatanus*	4	110	1.3				Dead	Young		Located on grass verge within the central median of the Ballymun Road north of DCU entrance.	Fell	Fell		U
03-G237	Tag232	Sycamore *Acer pseudoplatanus*	6	140	1.7	1.5;1.5;1.5;1.5	2e	2.25	Fair	Young	Fair	Located on grass verge within the central median of the Ballymun Road north of DCU entrance. A group of 6 young sycamore. Affected by leaf scorch and decreased vigour due to poor drainage.	Review drainage options.	No action necessary	15-20	C2
03-G238	Tag233	Sycamore *Acer pseudoplatanus*	11	350	4.2	3;3;3;3	2e	2.25	Fair	Early Mature	Good	Located on grass verge within the central median of the Ballymun Road north of DCU entrance. A group of 3 early mature sycamore. As with the young specimens located here, these trees are affected by poor drainage. They will likely prove more resilient due to their maturity.	Review drainage options.	No action necessary	15-20	C2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-G239	Tag234	Sycamore *Acer pseudoplatanus*	6.5	140	1.7				Dead			Located on grass verge within the central median of the Ballymun Road north of DCU entrance. Group of two dead sycamore.	Fell	Fell		U
03-G240	Tag235	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	180	2.2	1;1.5;1;1.5	1e	1.25	Poor	Young	Fair	Located on grass verge within the central median of the Ballymun Road north of DCU entrance. A group of 7 young hornbeam. Roots exposed due to heavy pedestrian activity. Vigour decreased due to poor drainage.	Review drainage options.	No action necessary. One has failed about should be removed (refer to drawing).	10-15	C2
03-G0241P		Birch *Betula pendula*	12	320	3.8	3;3;3;3	3w	3.25	Fair	Mature	Good	Located within a garden of residential property on eastern side of Ballymun Road approx 50m south of St.Pappin Road. A group of 7 mature birch. Unmanaged but vigorous.	No action necessary	No action necessary	15-20	B2
03-G242	Tag236	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	11	290	3.5	2;2;2;2	2.5e	2.75	Good	Early Mature	Good	Located on the western side of the Ballymun Road opposite Lady of victories church. A group of 6 early mature hornbeam. Vigorous and well maintained. All are exhibiting some minor degree of pavement heave.	No action necessary	Construction of the proposed cycle path will necessitate removal of three of the six trees (refer to drawing).	20-30	B2
03-G243	Tag237	Common Lime *Tilia* x *europaea*	21	390	4.7	3;3;3;3	3w	3.25	Good	Early Mature	Good	Located within a wide grass verge 12m from the pedestrian path adjacent to the eastern side of the Ballymun Road. A group of 9 early mature common lime. Drawn up forms due to close proximity. Some V shaped unions that may reduce long-term potential though not significant at present. Providing high landscape value for neighbouring properties.	No action necessary	No action necessary	30-40	B2
03-G244	Tag238	Common Lime *Tilia* x *europaea*	12	370	4.4	3;3;3;3	5s	5.25	Good	Early Mature	Good	Located within a wide grass verge 12m from the pedestrian path adjacent to the eastern side of the Ballymun Road. A group of 6 early mature common lime. Relatively good spacing as to afford well developed crowns. No visible defects.	Raise canopy near pathway.	No action necessary	30-40	B2
03-G245	Tag239	Common Lime *Tilia* x *europaea*	12	320	3.8	3;3;3;3	3w	3.25	Good	Early Mature	Good	Located within a wide grass verge 12m from the pedestrian path adjacent to the eastern side of the Ballymun Road. A group of 9 early mature common lime. Well spaced plantings as to allow for good crown development. Some exhibit minor damage to exposed roots from mower activity. No defects visible otherwise.	No action necessary	No action necessary	30-40	B2
03-G246	Tag240	Common Lime *Tilia* x *europaea*	11	340	4.1	3;3;3;3	3w	3.25	Good	Early Mature	Good	Located within a wide grass verge 12m from the pedestrian path adjacent to the eastern side of the Ballymun Road. Group of 9 early mature common lime. All feature some degree of minor root damage due to mower activity. Otherwise well formed with no visible defects.	No action necessary	No action necessary	30-40	B2
03-G247	Tag241	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	11	190	2.3	2;2;2;2	2n	2.25	Poor	Early Mature	Fair	Located 0.25m from the kerb side on the eastern side of the Ballymun Road outside Lady of Victories church. A group of five fastigiate hornbeams. Poor soil conditions have resulted in declining vigour.	No action necessary	Remove two southern most trees to facilitate construction of cycle path and access for bus stop.	15-20	C2
03-T0248P		Cherry cultivar *Prunus* cv	6.5	490	5.9	4;5;5;4	1.75s	2	Good	Mature	Good	Located within the grounds of Lady of Victories church 0.5m from a low (0.25m) western boundary wall. Minor root damage due to mower activity. Provides high landscape value. No visible defects.	No action necessary	No action necessary	30-40	A2
03-T0249P		Copper beech *Fagus sylvatica*	5	170	2	2;3;1;1	1n	1.25	Good	Young	Fair	Located within the grounds of Lady of Victories church 0.5m from a low (0.25m) western boundary wall. Trunk co-dominant from 1.25m with sound union. Sub-dominant to neighbouring trees. Minor bark damage north at root flare.	No action necessary	No action necessary	15-20	B2
03-T0250P		Cherry cultivar *Prunus* cv	6	320	3.8	5;3;3;3	2s	2.25	Good	Early Mature	Fair	Located within the grounds of Lady of Victories church 0.5m from a low (0.25m) western boundary wall. Multi stemmed from base. Tight spacing of stems may limit long-term potential.	No action necessary	No action necessary	15-20	B2
03-G251	Tag242	Sycamore *Acer pseudoplatanus*	3	80	1	1;1;1;1			Very Poor	Young	Poor	Located on the central medium opposite Lady of Victories church on the Ballymun Road. A group of 5 young sycamore in a state of decline.	Replace with a new generation of trees.	Remove and replace.	<10	U
03-G252	Tag243	Norway maple *Acer platanoides*	6	190	2.3	2;2;2;2	2n	2.25	Good	Early Mature	Fair	Located on the central medium opposite Lady of Victories church on the Ballymun Road. A group 8 early mature Norway maple. Some exhibit minor bark damage from likely traffic impact that may reduce long-term potential. Vigorous and well formed crowns.	No action necessary	No action necessary	15-20	B2
03-G253	Tag244	Sycamore *Acer pseudoplatanus*	6	200	2.4	2;3;2;3	2.25e	2.5	Good	Early Mature	Good	Located on the central medium opposite Lady of Victories church on the Ballymun Road. A group of two early mature sycamore. Sound unions with no visible defects.	No action necessary	No action necessary	20-30	B2
03-G254	Tag245	Sycamore *Acer pseudoplatanus*	4	150	1.8	1;1;1;1	1.5n	1.75	Poor	Young	Fair	Located on the central medium opposite Lady of Victories church on the Ballymun Road. A group of 4 young sycamore. Of poor vigour due to unsuitable soil conditions. Minor deadwood throughout canopies.	Review soil and drainage conditions. Remove deadwood.	A modification to the contours of this median will result in the loss of these poor specimen trees.	10-15	C2
03-T255	Tag246	Common Lime *Tilia* x *europaea*	8.5	320	3.8	3;3;4;4	3n	3.25	Good	Early Mature	Good	Located on the western side of the Ballymun Road within an open area 2.5m from footpath. Minor root damage east due to mower activity. Single stemmed with sound unions and a well developed crown. Overhead services intrude into canopy.	No action necessary	Construction of foot path potentially damaging 20% of roots towards the north east. Recommend use of hand tools to reduce damage to roots.	20-30	B2
03-T256	Tag247	Common Lime *Tilia* x *europaea*	4	340	4.1	4;4.5;3;4	3e	3.25	Good	Early Mature	Good	Located on the western side of the Ballymun Road within an open area 2.5m from footpath. Minor root damage east due to mower activity. Multi stemmed from 3m with close unions which may limit long-term potential. Well developed crown.	No action necessary	Remove to facilitate construction of foot path.	15-20	B2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T257	Tag248	Cooper beech *Fagus sylvatica*	3.25	90	1.1	0.5;1;0.5;0.5	0	0.25	Good	Young	Good	Located within an open area on the grounds of Ballymun library. Young and vigorous. No visible defects.	No action necessary	No action necessary	10-15	C2
03-T258	Tag249	Mountain ash	5.5	140	1.7	1;2;1;1	2.25e	2.5	Fair	Young	Fair	Located within an open area on the grounds of Ballymun library. Sub-dominant with canopy extended east as a result. Bark damage east at 0.5m with no associated decay.	No action necessary	No action necessary	10-15	C2
03-T259	Tag250	Swedish whitebeam *Sorbus aria*	9	460	5.5	3.5;4;4.5;5	3.25e	3.5	Good	Mature	Good	Located within an open area on the grounds of Ballymun library. Minor patches of bark loss near base. Dominant within tree group. Well formed with no visible defects.	No action necessary	No action necessary	20-30	A2
03-T260	Tag251	Ash *Fraxinus excelsior*	12	500	6	5;6;3;6	2.25n	2.5	Good	Early Mature	Good	Located within an open area on the grounds of Ballymun library. Minor deadwood in lower canopy due to light suppression as would be expected for this species. Crown squat but well formed. No visible defects.	Dead wood	No action necessary	40	A2
03-T261	Tag252	Rowan cultivar *Sorbus aucuparia* cv	2.5	110	1.3	0;3;0;0	2e	2.25	Fair	Young	Fair	Located within an open area on the grounds of Ballymun library. Young and poor formed due to light suppression from dominant neighbours.	No action necessary	No action necessary	10-15	C2
03-G262	Tag253	Rowan cultivar *Sorbus aucuparia* cv	3	60	0.7	0.5;0.5;0.5;0.5	0.5e	0.75	Very Poor	Juvenile	Poor	Located within an open area on the grounds of Ballymun library. A group of two juvenile rowan cv. In a state of advanced decline due to poor light conditions.	No action necessary	No action necessary	<10	U
03-T263	Tag254	Swedish whitebeam *Sorbus aria*	9	460	5.5	4;4;4;3	2.25n	2.5	Good	Mature	Good	Located within an open area on the grounds of Ballymun library. Some close stem unions with associated branch rubbing present. Otherwise dominant with no other defects.	Undertake formative pruning	No action necessary	20-30	B2
03-T264	Tag255	Field maple *Acer campestre*	9	300	3.6	4;2;4;4	2.5n	2.75	Good	Early Mature	Good	Located within an open area on the grounds of Ballymun library. Co-dominant at 3m with sound unions. Canopy suppressed east. No visible defects.	No action necessary	No action necessary	20-30	B2
03-G264	Tag256	Rowan *Sorbus aucuparia*	6	200	2.4	2;3;2;2	3n	3.25	Fair	Early Mature	Good	Located within an open area on the grounds of Ballymun library. A group of two early mature rowans. Canopies somewhat suppressed due to neighbouring. No visible defects.	No action necessary	No action necessary	10-15	B2
03-G265	Tag257	Sycamore *Acer pseudoplatanus*	7.5	220	2.6	3;3;3;3	2e	2.25	Fair	Young	Good	Located on a grass verge within the cental median of the Ballymum Road adjacent to Ballymun library. A group of five young sycamore. Relatively well formed though vigour somewhat suppressed due to Roadside location.	No action necessary	No action necessary	15-20	B2
03-G266	Tag258	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	12	230	2.8	3;3;3;3	2.5e	2.75	Fair	Early Mature	Fair	Located within a grass verge in the central median of the Ballymun Road adjacent to Shanliss Road. A group of seven early mature hornbeam. Vigour reduced possibly due to soil conditions/Roadside location.	No action necessary	No action necessary	10-15	C2
03-G267	Tag259	Sycamore *Acer pseudoplatanus*	6	90	1.1	1;1;1;1	2.5e	2.75	Fair	Young	Fair	Located within a grass verge in the central median of the Ballymun Road adjacent to Shanliss Road. A group of eight young/juvenile sycamore. Somewhat drawn up due to close spacing. No visible defects.	No action necessary	No action necessary	10-15	C2
03-G268	Tag260	Sycamore *Acer pseudoplatanus*	14	310	3.7	4;4;4;4	3e	3.25	Good	Early Mature	Good	Located within a grass verge in the central median of the Ballymun Road adjacent to Shanliss Road. A group of seven early mature sycamore. Light deadwood in lower crowns. No visible defects.	Dead wood	No action necessary	20-30	B2
03-G269	Tag261	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	6	170	2	1;1;1;1	3	3.5	Good	Young	Fair	Located within a grass verge in the central median of the Ballymun Road adjacent to Shanliss Road. A group of two young hornbeam. Both exhibit minor bark damage at base but not significant at present. No other defects visible.	No action necessary	No action necessary	10-15	C2
03-G270	Tag262	Small leaved lime cultivar *Tilia cordat*a cv	8	220	2.6	2;2;2;2	2.75e	3	Good	Early Mature	Good	Located within the central median on the Ballymun Road; north of Shanliss Road. A group of 20 early mature small leafed lime. Well suited to environment in generous sized planting plots.	No action necessary	No action necessary	15-20	B2
03-G271	Tag263	Sycamore *Acer pseudoplatanus*	6	120	1.4	0.5;1;0.5;0.5	3e	3.25	Fair	Young	Fair	Located within a grass verge adjacent to Ballymun library 3m from the kerb side of the western side of the Ballymun Road. A group of 16 young sycamore of limited vigour due to poor soil conditions. Minor deadwood in some specimens.	No action necessary	No action necessary	10-15	C2
03-G272	Tag264	Sycamore *Acer pseudoplatanus*	9	320	3.8	4;5;4;4			Good	Early Mature	Good	Located within a grass verge adjacent to Ballymun Youthreach. A group of 11 early mature sycamore planted 5m apart. Crowns are crowded from heavy pruning activity which may limit long-term potential. Has plaque with dedication to local residents at base	No action necessary	No action necessary	20-30	B2
03-T273	Tag265	Ash *Fraxinus excelsior*	6	190	2.3	3;3.5;3;1.5	1.75m	2	Good	Young	Fair	Located within a open area adjacent to Ballymun Youthreach. Single stemmed young ash with bark damage at base west. Has plaque with dedication to local residents at base.	Monitor bark damage at base	No action necessary	15-20	C2
03-T274	Tag266	Small leaved lime cultivar *Tilia cordat*a cv	5.5	160	1.9	3;2;2.5;2	1.75s	2	Good	Young	Good	Located within a open area adjacent to Ballymun Youthreach. Single stemmed with a well formed canopy and no visible defects. Has plaque with dedication to local residents at base.	No action necessary	No action necessary	20-30	B2
03-T275	Tag267	Swedish whitebeam *Sorbus aria*	7	380	4.6	4;4;3;3.5	1.5e	1.75	Good	Early Mature	Fair	Located within a open area adjacent to Ballymun Youthreach. Girdling roots present. Close unions among stems that may limit long-term potential.	No action necessary	No action necessary	20-30	B2
03-T276	Tag268	Birch *Betula pendula*	8.5	350	4.2	3;3;2;2	2n	2.25	Good	Early Mature	Good	Located within a open area adjacent to Ballymun Youthreach. Co-dominant from base. Tall and well formed.	No action necessary	No action necessary	20-30	B2
03-T277	Tag269	Larch *Larix decidua*	6.5	170	2	1;1.5;1;1	1.75e	2	Good	Young	Fair	Located within a open area adjacent to Ballymun Youthreach. Exhibits a lean north-east that corrects at 2m due to light suppression south. No other defects visible.	No action necessary	No action necessary	20-30	B2

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03-T278	Tag270	Ash *Fraxinus excelsior*	4.5	120	1.4	2;1;2;1	1.5s	1.75	Fair	Young	Fair	Located within a open area adjacent to Ballymun Youthreach. Young with bark damage east from likely mower activity. Planted to deep with no root flame visible.	No action necessary	No action necessary	10-15	C2
03-T279	Tag271	Willow *Salix alba*	4	200	2.4	0.5;3;2;1	1.5s	1.75	Poor	Young	Fair	Located within a open area adjacent to Ballymun Youthreach. Sub-dominant to neighbouring tree with growth suppressed as a result. Deadwood present north.	Dead wood	No action necessary	10-15	C2
03-T280	Tag272	Willow *Salix alba*	7	440	5.3	3;2;4;5	2s	2.25	Good	Mature	Good	Located within a open area adjacent to Ballymun Youthreach. Minor deadwood present in lower canopy characteristic to species. Well form with no visible defects.	No action necessary	No action necessary	20-30	B2
03-T281	Tag273	Ash *Fraxinus excelsior*	6	190	2.3	2;2;2;2	2.25w	2.5	Good	Young	Fair	Located within a open area adjacent to Ballymun Youthreach. Single stemmed with minor bark damage at 1.75m west. No other visible defects.	No action necessary	No action necessary	15-20	B2
03-T282	Tag274	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	17	380	4.6	3;4;4;4	2w	2.25	Good	Mature	Good	Located within a grass verge south of Shanliss Road on the eastern side of the Ballymun Road. Close stem unions likely to limit long-term potential. No other visible defects.	Undertake formative pruning	Construction of cycle path potentially damaging 20% of roots west. A recovery likely from this minor area of root damage.	20-30	B2
03-T283	Tag275	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	10	370	4.4	3;4;4;3	2w	2.25	Good	Mature	Fair	Located within a grass verge south of Shanliss Road on the eastern side of the Ballymun Road. Co-dominant at 0.75m with close stem unions likely to limit long-term potential.	Undertake formative pruning	No action necessary	15-20	C2
03-T284	Tag276	Rowan *Sorbus aucuparia*	7	160	1.9	2;2;2;2	2.5s	2.75	Good	Early Mature	Good	Located within a grass verge south of Shanliss Road on the eastern side of the Ballymun Road. Single stemmed with no visible defects.	No action necessary	No action necessary	15-20	B2
03-T285	Tag277	Common Lime *Tilia* x *europaea*	9	260	3.1	2;3;1.5;1	3e	3.25	Good	Early Mature	Good	Located within a grass verge south of Shanliss Road on the eastern side of the Ballymun Road. Drawn up form due to crown raising. Minor cavities from pruning wounds which may reduce long-term potential.	Monitor for decay.	No action necessary	15-20	C2
03-G286	Tag278	Norway maple *Acer platanoides*	9	170	2	2;3;2;2	2.5e	2.75	Good	Early Mature	Good	Located within a residential carpark north of Gateway Ave. on the western side of the Ballymun Road. A group of six young/early mature Norway maple. Planted too deep with root flares not visible which may limit long-term potential.	No action necessary	No action necessary	15-20	B2
03-T287	Tag279	Pedunculate oak *Quercus robur*	6	100	1.2	0.5;0.5;0.5;0.5	1.5n	1.75	Fair	Young	Fair	Located within a residential carpark north of Gateway Ave. on the western side of the Ballymun Road. Young and drawn up. Soil build-up around base.	Clear soil near base.	No action necessary	10-15	C2
03-T288	Tag280	Small leaved lime cultivar *Tilia corda*ta cv	4.5	100	1.2	1;1;1;1	1.5w	1.75	Fair	Young	Fair	Located on the central median within Ballymun town on the Ballymun Road. Young with no visible defects.	No action necessary	No action necessary	10-15	C2
03-T289	Tag281	Small leaved lime cultivar *Tilia cordata* cv	6	160	1.9	1;1.5;1.5;2	3e	3.25	Good	Early Mature	Good	Located on the central median within Ballymun town on the Ballymun Road. Single stemmed with some large diameter pruning cuts though no associated decay.	No action necessary	No action necessary	15-20	B2
03-T290	Tag282	Small leaved lime cultivar *Tilia corda*ta cv	7.5	190	2.3	3;3;2.5;3	3s	3.25	Good	Early Mature	Good	Located on the central median within Ballymun town on the Ballymun Road. Single stemmed and well formed with no visible defects.	No action necessary	No action necessary	20-30	B2
03-G291	Tag283	Small leaved lime cultivar *Tilia corda*ta cv	7	150	1.8	2;2;2;1	4e	4.25	Fair	Young	Good	Located on the central median within Ballymun town on the Ballymun Road. A group of 23 young small leaf lime. Many exhibit light canopy cover. These trees were planted circa 2000 and have not developed to their full potential, partly due to limited soil areas	No action necessary	Remove group to accommodation new median contours.	10-15	C2
03-G292	Tag284	Small leaved lime cultivar *Tilia corda*ta cv	9	210	2.5	2;3;2;2	3e	3.25	Good	Early Mature	Good	Located on the central median within on the Ballymun Road north of Glasnevin Ave. A group of 44 young/early mature small leaf lime. Canopies are well formed and vigorous.	No action necessary	1 tree to be removed due to median realignment (refer to drawing).	15-20	B2
03-T293	Tag285	Holm oak		90	1.1				Very Poor	Young	Dead	Located adjacent to St. Pappins nursing home surrounding by pavement in a small 1m² planting area.	Fell	Fell and replace with similar.	0	U
03-T294	Tag286	Common Lime *Tilia* x *europaea*	5	120	1.4	1.5;1.5;1.5;1.5	1s	1.25	Good	Young	Good	Located adjacent to St. Pappins nursing home surrounding by pavement in a small 1m² planting area. Young and well formed. No visible defects.	No action necessary	No action necessary	10-15	C2
03-T295	Tag287	Beech *Fagus sylvatica*	8	110	1.3	1;1;1;1	2n	2.25	Fair	Young	Fair	Located adjacent to St. Pappins nursing home surrounding by pavement in a small 1m² planting area. Tall and drawn up. Leaf scorch in lower canopy.	Reduce soil level at base.	No action necessary	10-15	C2
03-T296	Tag288	Pedunculate oak *Quercus robur*	10	170	2	3;3;3;2	1.5n	1.75	Good	Young	Good	Located adjacent to St. Pappins nursing home surrounding by pavement in a small 1m² planting area. Young with a relatively well developed crown. No defects visible.	No action necessary	No action necessary	30-40	B2
03-T297	Tag363	Whitebeam *Sorbus aria*	9	480	5.8	4;5;5;4	1.75n	2	Good	Mature	Good	Located on Royal Canal Bank Road opposite Crossguns Business Park within a raised planting area. Minor inclusion east at 1.5m though bark showing positive recovery. Well formed canopy. Presents high landscape value for local residents.	Remove minor deadwood south at 6m. Monitor inclusion area at 1.5m east.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise root disturbance.	20-30	B2
03-T298P		Cypress cultivar	8	250	3	1;1;0.5;0.5	5n	5	Good	Early mature	Good	Located within the garden of a private residence 6m from the boundary wall. Tall and drawn up with a well maintained canopy. No visible defects.	No action necessary	No action necessary	20-30	B2
03-T299P		Beech weeping *Fagus sylvatica* 'Pendula'	6	240	2.88	2;1;1;2	3w	0.5	Fair	Early mature	Fair	Located within the garden of a private residence 0.5m from the boundary wall. Has been topped and lost a high percentage of vigour as a result.	No action necessary	No action necessary	15-20	C2

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03-T300P		*Leyland Cypress* Pendula CV	13	380	4.56	2;2.5;2;2	6n	4.5	Good	Early mature	Good	Located within the grounds of Phibsborough public library. Tall and drawn up. No defects visible.	No action necessary	These trees need to be removed to facilitate the construction of an underpass. The reduction of current levels by 4m will mean that their survival potential is too low. This would be a good opportunity for new landscaping options.	20-30	B2
03-T301P		*Leyland Cypress* Pendula CV	14	350	4.2	2;1.5;2;1.5	6e	4.5	Good	Early mature	Good	Located within the grounds of Phibsborough public library. Tall and drawn up. No defects visible.	No action necessary		20-30	B2
03-T302P		Leyland Cypress Pendula CV	13	340	4.08	2;1;2;2	6n	5	Fair	Early mature	Fair	Located within the grounds of Phibsborough public library. Canopy west suppressed due to local competition.	No action necessary		20-30	C2
03-T303P		Monterey cypress *Hesperocyparis macrocarpa*	20	670	8.04	6;5;7;5	6s	6	Good	Mature	Good	Located within the grounds of Phibsborough public library. Single stemmed. Dominant within neighbouring group. Well formed canopy.	No action necessary		40	B2
03-T304P		Monterey cypress *Hesperocyparis macrocarpa*	9	160	1.92				Very poor	Young	Fair	Located within the grounds of Phibsborough public library. Subdominant to neighbouring group. Canopy heavily suppressed with almost total loss of vigour.	Remove		<10	U
03-T305P		Monterey cypress *Hesperocyparis macrocarpa*	14	360	4.32	2;2.5;2;2	5s	2.5	Fair	Early mature	Fair	Located within the grounds of Phibsborough public library. Trunk co-dominant at 2m. 'Elephant ears' formed to stabilise poor union.	No action necessary		30-40	B2
03-T306P		Monterey cypress *Hesperocyparis macrocarpa*	18	490	5.88	4;3;4;3	5n	4.5	Good	Early mature	Good	Located within the grounds of Phibsborough public library. Well formed with no visible defects.	No action necessary		40	A2
03-T307P		Monterey cypress *Hesperocyparis macrocarpa*	18	620	7.44	4;5;6;5	6.5s	8	Good	Mature	Good	Located within the grounds of Phibsborough public library. Minor deadwood in lower canopy due to light suppression. Contains pruning wounds in lower canopy that have been well recovered from.	Remove deadwood.		40	B2
03-G308	Tag364	Bay laurel *Laurus nobilis*	9	430	5.16	3;3;1;3	4n	5	Good	Early mature	Fair	Located within Blessington Street Park adjacent to the Phibsborough Volunteer Statue. A group of three bay laurel. Provides screening for residents to east.	No action necessary	These trees need to be removed to facilitate the construction of an underpass. The reduction of current levels by approx. 4m will mean that their survival potential is too low. This would be a good opportunity for new landscaping options.	20-30	C2
03-T309	Tag365	Turkish Hazel *Corylus colurna*	14	410	4.92	4;5;5;4	4n	4	Good	Early mature	Good	Located within Located within Blessington Street Park. Well formed with no visible defects.	No action necessary		40	B2
03-T310	Tag366	Turkish Hazel *Corylus colurna*	14	430	5.16	5;3;4;3	4n	4	Good	Early mature	Good	Located within Located within Blessington Street Park. Well formed with no visible defects.	No action necessary		40	B2
03-T311	Tag367	Japanese maple *Acer palmatum*	8.5	420	5.04	4;4;2.5;5	2w	5	Good	Early mature	Good	Located within Located Blessington Street Park on a sloping verge 8m wide. Soil built up around base of tree. Close unions permit potential for future infection.	No action necessary	Remove to facilitate the construction of a cycle path.	20-30	B2
03-T312	Tag368	Purple leaf plum *Prunus Cerasifera Nigra*	6.5	350	4.2	2;2;3;5	3w	4	Poor	Early mature	Poor	Located within Located Blessington Street Park on a sloping verge 8m wide. Heavy ivy encourages on canopy. Poor vigour and in a state of decline.	Consider for removal	Remove to facilitate the construction of a cycle path.	<10	C2
03-G313	Tag369	Cherry *Prunus avium*	5	220	2.64	3;3;3;3	3n	3	Good	Early mature	Good	Located within Located within Blessington Street Park. Two early mature cherry. Well formed with no visible defects.	Raise canopy east over pedestrian footpath.	Remove this group to facilitate construction of new cycle path.	20-30	B2
03-G314	Tag370	Turkish Hazel *Corylus colurna*	7	380	4.56	4;4;4;4	2.75e	3	Good	Early mature	Good	A group a five Turkish hazel located along the Royal Canal Bank Road within Blessington Street Park. Some exhibit minor root damage due to mower impact. This is unlikely to limit long-term potential.	No action necessary	North most tree to be removed (refer to drawing). No impact on remaining trees.	20-30	B2
03-S315		Lobelia *Lobelia cardinalis*, Petunia *Petunioideae*										Located within Located Blessington Street Park within a rasing plating area. A mix of flowering plants (Lobelia, Petunia).		Remove and develop new landscaping options.		
03-G316P		Small leaved lime cultivar *Tilia cordat*a cv	8.5	250	3	2.5;2.5;2.5;2.5	2.75w	3	Good	Young/ Early mature	Good	A group of 7 small leaf lime located within a raised bedding area on eastern side of Botanic Road. No visible defects.	No action necessary	Remove to facilitate construction of new footpath.	15-20	B2
03-G317	Tag371	Small leaved lime cultivar *Tilia cordat*a cv	6.5	280	3	2;2;2;2	3n	2	Good	Young/ Early mature	Good	A group of 4 small leaf lime located within a grass verge on the southern side of the R102. Young with no visible defects.	No action necessary	Remove this group to facilitate construction of new cycle path.	15-20	B2
03-G318P		Small leaved lime cultivar *Tilia cordat*a cv	8	310	3.7	2;1.5;2;2	3w	4	Good	Early mature	Good	A group of 11 small leaf lime located within a raised grass area Phibsborough Fire Station. Crowns have been raised for roadside maintenance. No visible defects.	No action necessary	No action necessary	20-20	B2
03-G319		London plane *Platanus × acerifolia*	14m avg	280avg	3	4;3;3;3	4s	5	Good	Early Mature	Fair-good	Located on the southern side of Botanic Road are five early mature London plane. These trees are single stemmed and drawn up. Canopies north over the roadway have been raised to 5m. Some specimens exhibit impact wounds towards the roadside. This damage is unlikely to reduce long-term potential.	Monitor impact damage	No action necessary	30-40	B2
03-T320		Beech *Fagus sylvatica*	19	600	7.2	3;3;3;3	1.75	2.5	Good	Mature	Good	Located at the junction of Botanic Road and Botanic Avenue within an open grass area. Has sculpted form through regular tip pruning.	No action necessary	No action necessary	40	B2
03-G321		Hornbeam *Carpinus betulus*	13avg	250avg	3	2;2;2;2	5	7	Fair	Young/ Early Mature	Fair	Located on the Ballymun road south of Griffith Avenue. 16 trees less the 0.5m from the kerb side within confined planting spaces. Many display minor pavement heave and some exhibit root girdling. Bark damage between 0-1.5m is a common feature though none display associated decay. Canopies have been raised consistently to produce a drawn up appearance.	Monitor for decay	No action necessary	20-30	C2/B2

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T322		Lime common *Tilia × europaea*	20	700	8.4	6;5.5;5;5	5n	6	Good	Mature	Good	Located within an wide grass verge on the southern side of Griffith Avenue. Trunk co-dominant at 4.25m with a sound union present. Well developed crown. No visible defects.	Remove basal suckers	Construction of cycle path to south of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise root disturbance. SUDs are shown in this area north of trunk, so if a swale is used here similar airspade techniques must to used to reduce impact on roots.	40	A2
03-G323		Small leaved lime cultivar *Tilia cordat*a cv	13avg	290avg	3.5	3;3;3;3	4s	4.5	Good	Early mature	Fair/good	Located on the northern side of Griffith Ave between the Ballymun and Mobhí roads. Four early mature lime trees within a wide (3m) grass verge. Crowns are suffering form congestion in the lower canopy with close unions visible. Pavement heave visible north within footpath.	Branch pruning to reduce congestion	Construction of cycle path to north of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise root disturbance.	30-40	B2
03-T324	Tag372	Norway maple *Acer platanoides*	8	240	2.88	1.5;1;1.5;1.5	2.25w	2.5	Good	Early mature	Good	Located on the western side of Ballymun Road after the R102. Crowded lower canopy that may reduce long term potential. Pavement heave visible. Crown raised east over roadway.	Branch pruning to reduce congestion	No action necessary	20-30	B2
03-T325	Tag373	Norway maple *Acer platanoides*	8	240	2.88	1.5;1;1.5;1.5	2.5w	3	Good	Early mature	Good	Located on the western side of Ballymun Road after the R102. Crowded lower canopy that may reduce long term potential. Crown raised east over roadway.	Branch pruning to reduce congestion	Remove this group to facilitate construction of new cycle path.	20-30	B2
03-T326	Tag374	Norway maple *Acer platanoides*	3.37	130	1.6	1;1;1;1	2e	2	Fair	Young	Poor	Located on the eastern side of Ballymun Road after the R102. Young with a twiggy appearance.	No action necessary	No action necessary	10	C2
03-T327	Tag375	Norway maple *Acer platanoides*	4.5	200	2.4	1;1;1;1	2.5e	2.5	Good	Young	Good	Located on the eastern side of Ballymun Road after the R102. Young and relatively well formed.	No action necessary	No action necessary	20-30	B2
03-G328		Monterey cypress *Cupressus macrocarpa* Norway maple *Acer platanoides*	9-16	250-800	3-9	1;2.5;1;2	3w	3w	Fair-good	Early mature-mature	Fair-good	A group of 49 early mature and mature Monterey cypress. Contain light storm damage. Due to close spacing (<2m), these should be considered for retension as a group, otherwise they are susceptible to windthrow.	Overhaul	Remove this group to facilitate construction of new footpath. Intrusion into RPA of at least 50% and exacerbation of windthrow effects over high traffic target.	30-40	B2
03-T329		Monterey cypress *Cupressus macrocarpa*	17	1120	12	2;7;5.5;5	4W	4.25W	Good	Mature	Good	Multi-stemmed from 2.25m. Well formed canopy. Large diameter pruning cut south at 1.15m with no associated decay.	No action necessary	Remove to facilitate construction of proposed footpath.	40+	A2
03-T330		Monterey cypress *Cupressus macrocarpa*	18	920	11.4	4;3;2;3	14N	14N	Good	Mature	Good	Multi-stemmed from 2m. Drawn up due to local competition with canopy development confined to the upper canopy. No visible defects.	Remove compost at base	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T331		Monterey cypress *Cupressus macrocarpa*	17	620	7.4	2;2;1.5;2	7s	7s	Fair	Mature	Fair	Drawn up with a poorly developed canopy	No action necessary	Remove to facilitate construction of proposed footpath.	20-30	C2
03-T332		Leyland cypress *xCuprocyparis leylandii*	7.5	300	3.6	2;1;1;1	2N	2N	Poor	Early Mature	Fair	A sub-dominant specimen of limited crown cover	Cut ivy	Remove to facilitate construction of proposed footpath.	10-20	C2
03-T333		Leyland cypress *xCuprocyparis leylandii*	7	280	N/A	1;4;1;3	N/A	N/A	Very Poor	Early Mature	Poor	In a state of advanced decline	Fell	Remove to facilitate construction of proposed footpath.	>10	U
03-T334		Leyland cypress *xCuprocyparis leylandii*	8	310	3.7	1;1;1;1	2S	2S	Fair	Early Mature	Good	A sub-dominant specimen with heavy ivy growth up trunk but no visible defects.	Cut ivy	Remove to facilitate construction of proposed footpath.	10	C2
03-T335		Monterey cypress *Cupressus macrocarpa*	14	720	8.6	5;5;5;5	3S	3S	Good	Mature	Good	Relatively well developed. Crown restricted toward south-east due to competition from neighbouring trees	Cut ivy	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T336		Leyland cypress *xCuprocyparis leylandii*	9	300	3.5	2;2;1;2	3N	3N	Good	Early Mature	Good	Tall slender specimen. No visible defects	No action necessary	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T337		Monterey cypress *Cupressus macrocarpa*	14	610	7.5	1;5;5;5	3S	3S	Fair	Mature	Good	Trunk multi-stemmed from 1.25m with tight unions between stems. Very heavy ivy growth obscuring view for assessment. Upper crown restricted toward north due to competition from neighbouring tree.	Cut ivy	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T338		Monterey cypress *Cupressus macrocarpa*	12	480	N/A	3;3;2;4	N/A	N/A	Poor	Mature	Poor	In a state of advanced decline	Fell	Remove to facilitate construction of proposed footpath.	N/A	U
03-T339		Monterey cypress *Cupressus macrocarpa*	9	300	3.5	4;7;1;0	6E	6E	Poor	Mature	Poor	Trunk with a strong lean toward east.	Fell	Unlikely to be suitable for retention with removal of neighbouring tree.	<10	U
03-T340		Leyland cypress *xCuprocyparis leylandii*	7	280	N/A	2;2;2;2	N/A	N/A	Dead	Early Mature	Dead	In a state of advanced decline	Fell	Remove to facilitate construction of proposed footpath.	0	U

Route & Tree ID	Tree Tag Number	Species	Est. Height (m)	Stem Diameter (mm)	RPA Radius (M)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (years)	Category
03-T341		Monterey cypress *Cupressus macrocarpa*	9	320	3.6	1;1;1;1	2N	2N	Very Poor	Early Mature	Fair	In a state of decline due to competition from neighbouring trees	Cut ivy	Remove to facilitate construction of proposed footpath.	10	C2
03-T342		Monterey cypress *Cupressus macrocarpa*	16	680	8.2	4;4;2;4	4E	4E	Good	Mature	Fair	A cluster of 3 stems forming one combined canopy. Deadwood throughout crowns	Cut ivy	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T343		Leyland cypress *xCuprocyparis leylandii*	8	280	3.3	1;1;1;1	3n	3n	Fair	Early Mature	Fair	Vigour limited and becoming swamped in ivy	Cut ivy	Remove to facilitate construction of proposed footpath.	10-15	C2
03-T344		Leyland cypress *xCuprocyparis leylandii*	9	300	3.5	2;2;2;2	2n	2n	Good	Early Mature	Good	Well developed. No visible defects	No action necessary	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T345		Leyland cypress *xCuprocyparis leylandii*	9	300	3.5	2;2;1;2	2n	2n	Good	Early Mature	Good	Well developed. No visible defects	No action necessary	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T346		Leyland cypress *xCuprocyparis leylandii*	9	300	3.5	2;2;1;2	0	0	Good	Early Mature	Good	Well developed. No visible defects	No action necessary	Remove to facilitate construction of proposed footpath.	30-40	B2
03-T347		Monterey cypress *Cupressus macrocarpa*	15	470	4.7	5;7;5;5	4S	4S	Good	Mature	Fair	A well developed dominant specimen. Storm damage and deadwood in crown.	Overhaul	Remove to facilitate construction of proposed footpath. 1.5m RPA lost to west with roots undermined.	30-40	B2
03-T348		Monterey cypress *Cupressus macrocarpa*	13	300		4;5;1;4	4N	4N	Poor	Mature	Fair	A sub-dominant specimen with a trunk lean toward north. Deadwood in lower crown.	Deadwood	Remove to facilitate construction of proposed footpath. 1.5m RPA lost to west with roots undermined.	10-15	C2
03-T349		Monterey cypress *Cupressus macrocarpa*	17	540	6.4	6;6;4;4	2.25n	2,5n	Good	Mature	Good	Crown relatively well structured with light storm damage.	Deadwood	Remove to facilitate construction of proposed footpath. 1.4m RPA lost to west with roots undermined.	30-40	B2
03-T350		London plane *Platanus × acerifolia*	15	700	8.4	1;2;1;2	5E	6E	Good	Mature	Fair	Tall slender specimen. Crown reduced over roadway. No visible defects.	No action necessary	Remove to facilitate construction of proposed footpath and crossing.	30-40	B2
03-G351		London plane *Platanus × acerifolia*	15-17	700avg	8.4	2;2;2;2	6N	6N	Good	Mature	Fair	Crown reduced over roadway. No visible defects.	No action necessary	No action necessary	30-40	B2

BS 5837 (2012). Trees in Relation to Design Demolition and Construction

Mattheck and Breloer (1994). The body language of trees

Dublin City Council (2016) Dublin City Tree Strategy 2016 – 2020

NJUG (2007) Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees.

CMK
Horticulture & Arboriculture Ltd.

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Arboricultural Assessment, Report

Scheme 04: Finglas To City Centre

Project No.	TFIN001	**Date**	24/08/22
Project Name	BUSCONNECTS Core Bus Corridors. Emerging Preferred Routes / Public Consultation	**Revision**	-

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Report Prepared by
Ciaran Keating
BSc Pl. Sci. & Ecol
H.N.D. Hort.
AA Tech. Cert. Arb.,
PG. Dip. Arbor. & Urban Forestry

E-mail: cmkhortandarb@gmail.com
Mobile: 087 1182343
Address: Drumone, Oldcastle, Co. Meath, A82FK79

1 Client brief & Methodology

CMK Hort + Arb Ltd. were commissioned by Roughan & O'Donovan (ROD) engineering consultancy on behalf of NTA (National Transport Authority) to undertake an arboricultural assessment of trees on a located on the Finglas Road (R135) between its intersection with the R108 in Dublin 11 and turn-off to Seamus Ennis Road, Finglas. The fieldwork was undertaken between the 10th and the 14th of August 2020.

The survey methodology, supporting drawings and documentation follow the recommendations contained within BS 5837 (2012). The analysis of the trees was undertaken using the VTA methodology as developed by Mattheck and Breloer (1994).

The trees locations were taken from co-ordinates provided by ROD in the PDF (BCIDD-ROT-ENV_LA-0004_XX_00-SK-LL-0001 (Tree Survey)). Survey data was recorded using a GPS enabled Trimble Geo 7X and formatted to the naming convention as specified in Tree Survey Specification document (No: 19.117.07 TSSAS).

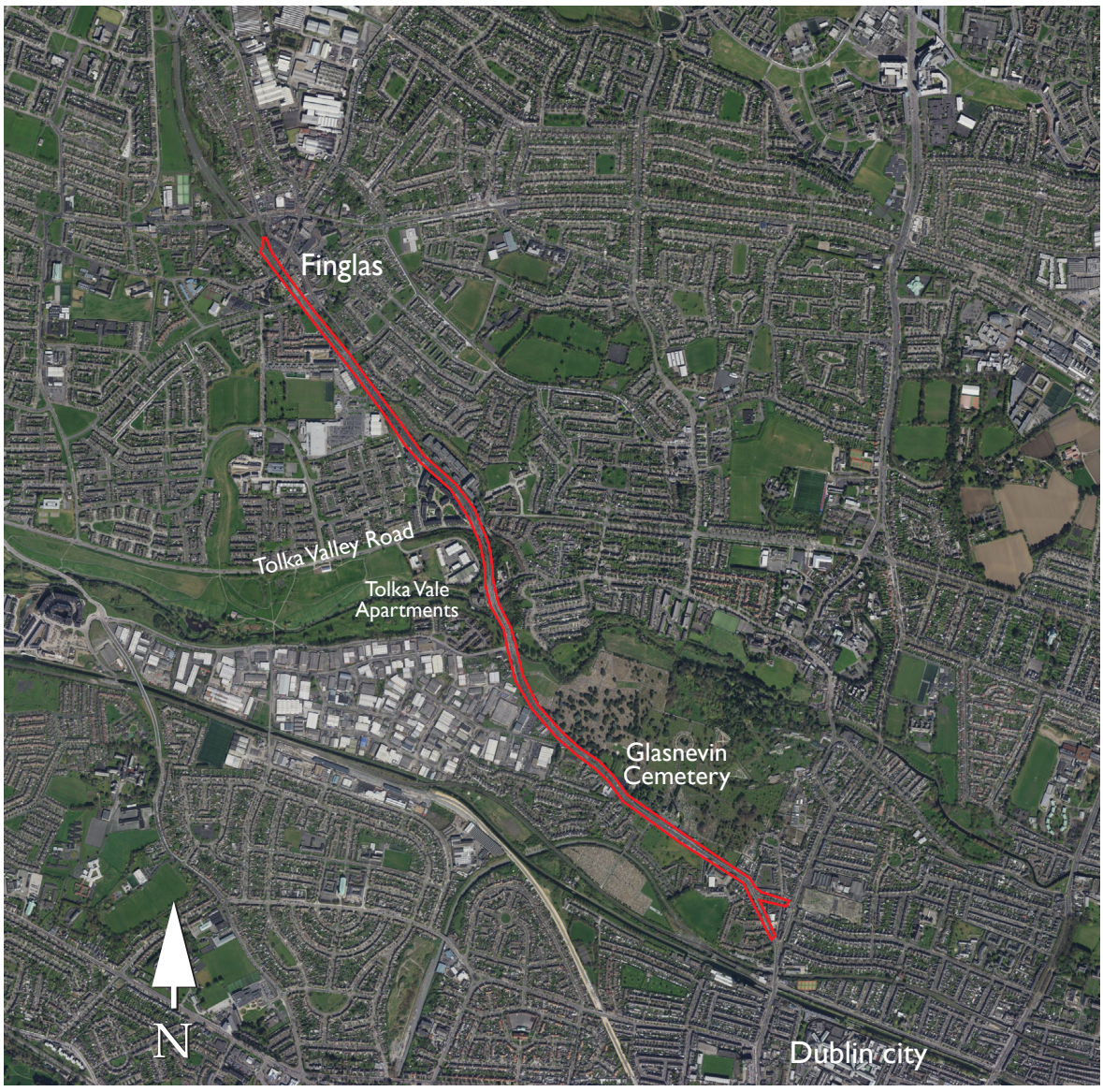


Image 1. Site overview with red line outline of survey boundary located at north Dublin city.

2. General description of trees

A total of 519 trees were surveyed on the route. The tree categories are presented in table 1 (see page 11 for individual and group tree schedule. A breakdown of tree species are outlined in chart 1 and a category breakdown of most prevalent species in chart 2.

This description of surveyed trees begins in the southern section of the route, on the R108 adjacent to the intersection with Prospect Avenue are located more established street trees; London plane (*Platanus* × *acerifolia*). These are in contrast with the majority of younger specimens of street trees located throughout the route (image 2).

Image 2. Early mature London plane on the R108 adjacent to the intersection with Prospect Avenue.

North, adjacent to younger London plane street plantings are a line of private trees within the grounds of St. Vincent's Secondary School (image 3). Less than 1m from the public foot path, these include some well formed early mature rowan (*Sorbus aucuparia*), Birch (*Betula pendula*), Purple leaf plum (*Prunus cerasifera Nigra*) and mature Black alder (Alnus glutinosa),

Image 3. Early mature cherry, sycamore, birch and rowan withing the grounds of St.Vincent's Secondary School.

Category	Number	% of total
A	16	3.1%
B	361	69.6%
C	134	25.8%
U	8	1.5%

Table 1. Tree Category breakdown (see page 12 for tree category explanations).

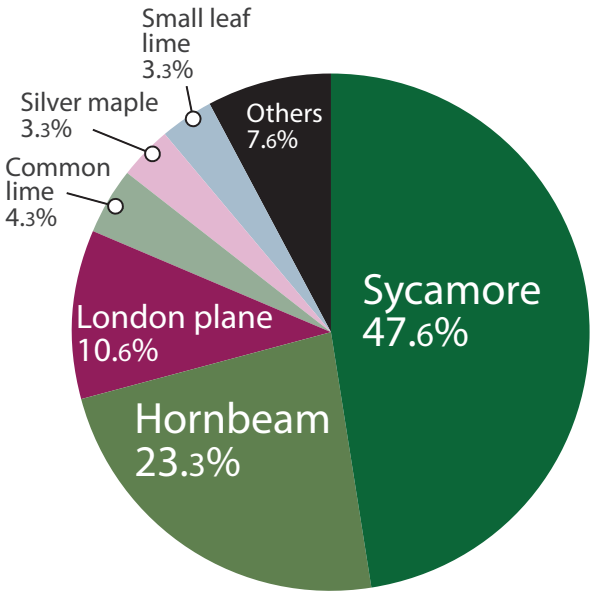


Chart 1. Tree species breakdown.

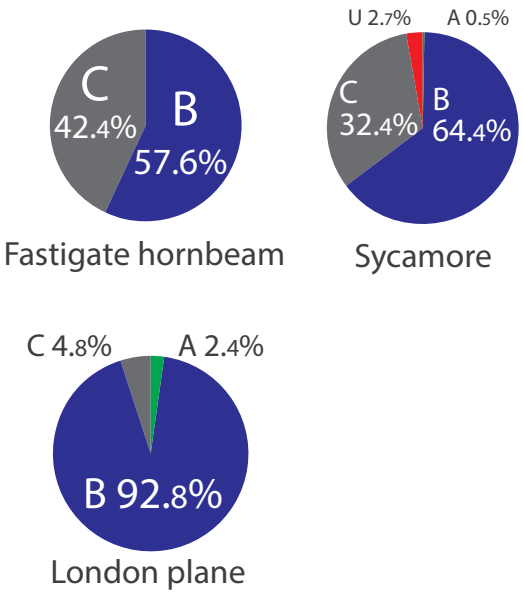


Chart 2. Tree category breakdown by most prevalent species.

Cherry (*Prunus avium*), Sycamore (*Acer pseudoplatanus*), Swedish whitebeam (*Sorbus aria*).

Within Claremont Lawns Park, 200m north and 4.5m from the boundary wall, are a line of common lime (*Tilia* x *europaea*). This group of 17 trees are

Image 4. Lime trees within Claremont Lawns Park and silver maple street trees.

vigorous and well developed (image 4).

300m north of Claremont Lawns Park is the first central median on the surveyed route (image 5). This contains Rowan (*Sorbus aucuparia*) and London plane (*Platanus* × *acerifolia*) within a gently sloping grass verge median. Many of

Image 5. Rowan and London plane on the central median between Claremont court and the Willows.

these specimens are suffering from soil buildup near root flares.

Adjacent to the Glasnevin cemetery a longer, 400m, median contains a group of 28 London plane (*Platanus* × *acerifolia*) of mixed age profiles, with the majority being younger early mature. These trees are likely to be suited to this environment due to their drought tolerance (image 6).

Image 6. Early mature London plane trees in the central median adjacent to Glasnevin Cemetery.

North of the Old Finglas Road and Tolka Valley apartments Fastigiate hornbeam (*Carpinus betulus* '*Fastigiata*') and Sycamore (*Acer pseudoplatanus*) populate the central median (image 7). These trees contain some poorer specimens due to poor soil conditions. More mature sycamores are located in grass verges along the western side of the roadway. These trees are better developed and have benefited from larger planting areas.

Image 7. Sycamore in the central median north of the Old Finglas Road.

Adjacent to the Tolka and Eden Apartments, are located some of the more mature sycamore surveyed on the route (at heights of 17m) (image 8). These trees provide good amenity value to residents living in high density apartments with a lack of local open green spaces within the immediate locality.

South of Glenhill road within the central median here, are Fastigiate hornbeam (*Carpinus betulus* 'Fastigiata') and Sycamore (*Acer pseudoplatanus*). These have not reached their full potential due to over crowding from tight proximity planting (image 9).

At the entrance to Glenhill Road are two mature gum trees (*Eucalyptus spp*) (image 10). These are unusual to find in north Dublin, the majority being found south of

Image 8. A larger early mature sycamore street tree adjacent to the Tolka and Eden Apartments.

Image 9. Sycamore and hornbeam in the central median south of Glenhill Road.

the city. Planted in an open area these have become well established.

North of the Clearwater shopping centre a street plantings of early mature Fastigiate hornbeam (*Carpinus betulus* '*Fastigiata*') are located along the foot paths in grass verges. Younger specimens populate the central median (image 11).

Image 10. Two mature eucalyptus at the entrance to Glenhill Road.

Image 11. Street planting of early mature fastigiate hornbeam north of the Clearwater shopping centre.

These are some of the poorer quality trees, located in this section, due to sub-optimal soil conditions and close proximity planting.

Adjacent to Finglas Village are located early mature Sycamore (*Acer pseudoplatanus*) (image 12). Some of these trees exhibit basal growth near footpaths, that would be best removed for aesthetic and safety concerns.

Within the north-most section of the surveyed route, a group of small-leaf lime (*Tilia cordata*) are located on a sloping grass verge before the turn-off to Seamus Ennis Road in Finglas village. These have developed well due to good soil conditions (image 13).

Image 12. An early mature sycamore in Finglas village.

Image 13. Young small leaf lime and sycamore before the turn-off to Seamus Ennis Road in Finglas village.

3. Statutory or non-statutory designations affecting trees within the survey area

No TPO (Tree Preservation Orders) or SACs (Special Area of Conservation) are designated for trees withing the survey area.

As stated in the Dublin City Tree Strategy 2016–2020, "Trees are a valuable functional component of the urban landscape – they also make a significant contribution to people's health and quality of life". The strategy affirms its objective as "a proactive and systematic good practice approach to tree management and inspection with the aim of promoting good tree health, condition, diversity, public amenity and a balanced age profile."

This document lays out strategies where outcomes are to ensure a balance tree health and public safety and comfort, were reasonable.

A greater emphasis is now placed on biodiversity and habitat then before. Where retaining trees, when safe, is considered desirable to promote the encouragement of native species. This includes standing deadwood and the retention of ivy growth on trees (except where removal is necessary to aid visual tree health assessment or where ivy growth is excessive and adversely affecting tree health).

While there are no Tree Protection Orders (TPOs) on any of the trees on this site, however unless planning permission which clearly identifies trees for removal has been granted then under Section 7 of the Forestry Act 2014 a person wishing to fell trees must apply to the minister for a licence to do so.

Exempted trees: Section 19 states that the requirement for a felling licence for the uprooting or cutting down of trees does not apply where:

- The tree in question is standing in an urban area
- The tree is considered dangerous and hazardous.
- The tree is within 10m of a public road and regarded as hazardous
- The tree in question is less than 100 ft. / 30m from a dwelling other than a wall or temporary structure;
- The tree in question is a hazel, apple, plum, damson, pear, or cherry tree grown for the value of its fruit or any ozier;

Other exceptions apply in the case of local authority road construction, road safety and electricity supply operations.

The Act is administered by the Forest Service (Department of Agriculture, Fisheries and Food). The Felling Section of the Forest Service is based in Johnstown Castle, Co. Wexford (053-9160200 or 1890-200223).

If any queries arise regarding tree felling in general it is recommended that advice is sought from Felling Section of the Forest Service or the local forestry development officer for further information.

Bats

Trees may contain bats. Bats are afforded legal protection under Irish and EU legislation and agreements (Wildlife Act (1976), Wildlife (Amendment) Act (2000), S.I. No. 94 of 1997 and S.I. No. 378 OF 2005 implementing the EU Habitats Directive, Bonn Convention (The Convention on the Conservation of Migratory Species of Wild Animal) and the Bern Convention (Convention on the Conservation of European Wildlife and Natural Habitats).

Trees provide roosting opportunities for bats. Mature trees are the most likely to have potential as roost sites. This may be provided by cavities, crevices, limb fractures, storm damage or mechanical damage and may even be by way of loose bark. Felling of mature trees and even surgery to large limbs may place bats at risk and both procedures remove roosting sites for bats.

Professional advice from a licenced surveyor should be sought prior to any works commencing on trees.

4. Guidance for the design team with key considerations

A chief consideration regarding the retention of existing trees pertain to the protection of tree roots. Root growth is inhibited beneath roadways as they present effective barriers for root growth. This has the effect of promoting growth into open soil areas, such as grass verges, and to a lesser extent under paved footpaths.

This means that where roots are expected to be located within grass verges and near roadways, the verges will be expected to contain a greater mass of root volume. To protect existing trees the preservation of these verges areas must be considered. The accompanying survey impact drawings (BCIDD-ROT-ENV_LA-0304_ML_00-DR-LL-0001_CMK Pg.23-37) reflect these greater RPA (Root Protection Area) impacts.

This route contains many young trees that have the potential to resist disturbance to their root structure. If consideration is applied during works, these trees have good potential to recover from root loss, particularly in areas where potential root damage is only affecting one side of the tree and less than 20% of total root area.

Many of the median areas will have adjustments made to existing contours to accommodate new lanes on roadways. As the existing space is limited within these areas, with some less than 1.5m wide, small adjustments can have a significant impact on roots. As noted in Appendix A: individual and group tree schedule, some of these areas contain trees in a poor condition and in such cases the best approach is to replace with a new generation of healthier trees, as they will have a decreased resistance to soil disturbance and root damage.

5. Arboricultural Impact

Design team meetings were strongly influenced by existing trees. With an overall objective to retain the maximum number of good quality trees were constraints of the infrastructure upgrade allowed.

The direct impact of the proposed construction (table 2) will necessitate the removal of 13.1% of the existing category A, B & C trees. Only 3 category A trees will be removed. In addition, all category U trees (8) will be removed.

The removal of trees will be most pronounced within footpath areas where walk ways are to be made wider to accommodate new cycle lanes. Impacts are greater on more mature trees where they have less potential to recover from root area disturbances.

Some of the existing category C trees have been shown as marked for removal where proposed works add a new stressor to trees that have already suffering due to poor soil conditions (as detailed within Appendix A).

	Category A High value trees	Category B Moderate value trees	Category C Lower value trees	Category U Failed or failing trees	Total
Retain	13	322	108	-	443
Remove to facilitate construction	3	39	26	-	68
Remove for sound arboricultural practice	-	-	-	8	8
Category totals	16	361	134	8	**519**
Trees subject to an RPA incursion	1	40	6	-	**47**
Trees to be pruned to facilitate the Proposed Development	-	29	-	-	**29**

Table 2. Arboricultural Impact breakdown.

6. Arboricultural Method Statement

This section gives general guidance on methods of work to minimise damage to trees. For privately owned trees, the owner (or their agent), should be consulted at an early stage prior to the commencement of any works. This will reduce the potential for future conflict between trees and works.

6.1 Below Ground

Wherever trees are present, precautions should be taken to minimise damage to their root systems. As the shape of the root system is unpredictable, there should be control and supervision of any works, particularly if this involves excavating through the surface 600mm, where the majority of roots develop.

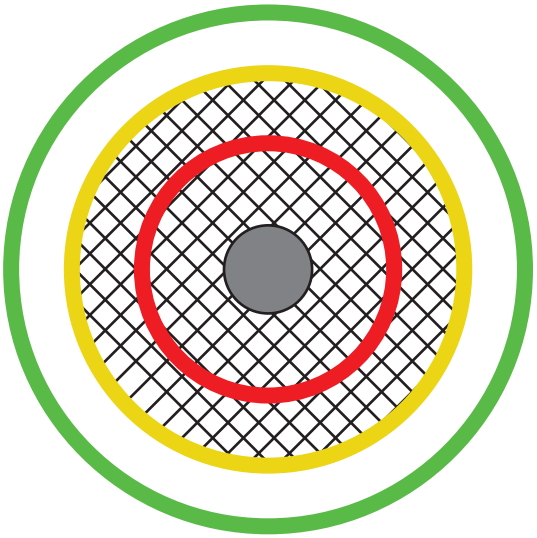
6.1.1 Fine Roots

Fine roots are vulnerable to desiccation once they are exposed to the air. Larger roots have a bark layer which provides some protection against desiccation and temperature change. The greatest risk to these roots occurs when there are rapid fluctuations in air temperature around them e.g. frost and extremes of heat. It is therefore important to protect exposed roots where a trench is to be left open overnight where there is a risk of frost. In winter, before leaving the site at the end of the day, the exposed roots should be wrapped with dry sacking. This sacking must be removed before the trench is backfilled.

6.1.2 Precautions

The precautions referred to in this section are applicable to any excavations or other works occurring within the Prohibited or Precautionary Zones as illustrated in Figure 1 – 'Tree Protection Zone'.

FIGURE 1 – Tree Protection Zone



Key

Trunk of tree

Canopy or branch spread

PROHIBITED ZONE – 1m from trunk. Excavations of any kind must be avoided within this zone. Materials, plant and spoil must not be stored within this zone.

PRECAUTIONARY ZONE – 4 x tree circumference. Where excavations must be undertaken within this zone the use of mechanical excavation plant should be prohibited. Precautions should be undertaken to protect any exposed roots. Materials, plant and spoil should not be stored within this zone.

PERMITTED ZONE – outside of the precautionary zone. Excavation works may be undertaken within this zone, however caution must be applied and the use of mechanical plant limited. Any exposed roots should be protected.

6.1.3 Realignment

Whenever possible works should always be diverted or re-aligned outside the Prohibited or Precautionary Zones. Under no circumstances can machinery be used to excavate open trenches within the Prohibited Zone.

The appropriate method of working within the Precautionary Zone should be determined in consultation with the local authority (or for privately owned trees the owner or their agent) and may depend on the following circumstances;

6.1.3.1 the scope of the works (e.g. one-off repair or part of an extensive operation)

6.1.3.2 degree of urgency (e.g. for restoration of supplies)

6.1.3.3 knowledge of location of other apparatus

6.1.3.4 soil conditions

6.1.3.5 age, condition, quality and life expectancy of the tree

Where works are required for the laying or maintenance of any apparatus within the Prohibited or Precautionary Zones there are various techniques available to minimise damage.

Acceptable techniques in order of preference are;

a) Trenchless

Wherever possible trenchless techniques should be used. The launch and reception pits should be located outside the Prohibited or Precautionary Zones.

In order to avoid damage to roots by percussive boring techniques it is recommended that the depth of run should be below 600mm. Techniques involving external lubrication of the equipment with materials other than water (e.g. oil, bentonite, etc.) must not be used when working within the Prohibited Zone. Lubricating materials other than water may be used within the Precautionary Zone following consultation and by agreement.

b) Broken Trench - Hand-dug

This technique combines hand dug trench sections with trenchless techniques if excavation is unavoidable. Excavation should be limited to where there is clear access around and below the roots. The trench is excavated by hand with precautions taken as for continuous trenching as in (c) below. Open sections of the trench should only be long enough to allow access for linking to the next section. The length of sections will be determined by local conditions, especially soil texture and cohesiveness, as well as the practical needs for access. In all cases the open sections should be kept as short as possible and outside of the Prohibited Zone.

c) Continuous Trench - Hand-dug

The use of this method must be considered only as a last resort if works are to be undertaken by agreement within the Prohibited Zone. The objective being to retain as many undamaged roots as possible.

Hand digging within the Prohibited or Precautionary zones must be undertaken with great care requiring closer supervision than normal operations.

After careful removal of the hard surface material digging must proceed with hand tools. Clumps of roots less than 25mm in diameter (including fibrous roots) should be retained in situ without damage. Throughout the excavation works great care should be taken to protect the bark around the roots.

All roots greater than 25mm diameter should be preserved and worked around. These roots must not be severed without first consulting the owner of the tree or the consulting arboriculturist. If after consultation severance is unavoidable, roots must be cut back using a sharp tool to leave the smallest wound.

6.1.4 Backfilling

6.1.4.1 Backfilling should be carefully carried out to avoid direct damage to roots and excessive compaction of the soil around them. The backfill should, where possible, include the placement of an inert granular material mixed with top soil or sharp sand (not builder's sand) around the roots. This should allow the soil to be compacted for resurfacing without damage to the roots securing a local aerated zone enabling the root to survive in the longer term.

6.1.4.2 Backfilling outside the constructed highway limits should be carried out using the excavated soil. This should not be compacted but lightly "tamped" and usually left slightly proud of the surrounding surface to allow natural settlement. Other materials should not be incorporated into the backfill.

6.1.5 Additional Precautions near Trees

6.1.5.1 Movement of heavy mechanical plant (excavators etc.) must not be undertaken within the Prohibited Zone and should be avoided within the Precautionary Zone, except on existing hard surfaces, in order to prevent unnecessary compaction of the soil. This is particularly important on soils with a high proportion of clay. Spoil or material must not be stored within the Prohibited Zone and should be avoided within the Precautionary Zone.

6.1.5.2 Where it is absolutely necessary to use mechanical plant within the Precautionary Zone care should be taken to avoid impact damage to the trunk and branches. A tree must not be used as an end-stop for paving slabs or other materials nor for security chaining of mechanical plant. If the trunk or branches of a tree are damaged in any way advice should be sought from the supervising arboriculturist.

See table 1 –'Prevention of Damage to Trees Below Ground' below for summary details regarding causes and types of damage to trees and the implications of the damage and the necessary precautions to be taken to avoid damage.

TABLE 1 - Prevention of Damage to Trees Below Ground

Causes of Damage	Type of Damage	Implications to Tree	Precautions
Trenching, mechanical digging etc.	Root severance	• The tree may fall over • Death of the root beyond the point of damage • Potential risk of infection of the tree The larger the root the greater the impact on the tree.	Hand excavate only within the Precautionary Zone. Work carefully around roots. Do not cut roots over 25mm in diameter without referring to the consulting arborist. For roots less than 25mm in diameter use a sharp tool and make a clean cut leaving as small a wound as possible.

Causes of Damage	Type of Damage	Implications to Tree	Precautions
Trenching, mechanical digging, top soilsurface removaletc.	Root bark damage	• The tree may fall over • If the damage circles the root it will cause the death of the root beyond that point • Potential risk of infection of the tree The larger the root the greater the impact on the tree.	Do not use mechanical machinery to strip the top soil within the Precautionary Zone. Hand excavate only within the Precautionary Zone. Work carefully around roots. Do not cut roots over 25mm in diameter without referring to the consulting arborist. For roots less than 25mm use a sharp tool and make a clean cut leaving as small a wound as possible.
Vehicle movement and plant use. Material storage within the precautionary area.	Soil compaction & water saturation	Restricts or prevents passage of gaseous diffusion through soil, the roots are asphyxiated and killed affecting the whole tree.	Prevent all vehicle movement, plant use or material storage within the Precautionary Zone.
Top-soil scouring, excavation or banking up.	Alterations in soil level causing compaction or exposure of roots.	Lowering levels strips out the mass of roots over a wide area. Raising soil levels asphyxiates roots and has the same effect as soil compaction.	Avoid altering or disturbing soil levels within the Precautionary Zone.
Use of herbicides.	Poisoning of the tree via root absorption	• Death of the whole tree • Death of individual branches Damage to leaves and shoots.	The selection and application of herbicides must be undertaken by a competent person in accordance with COSHH regulations.
Spillage of oils or other materials.	Contamination of soil	Toxic and asphyxiation effects of chemicals, oils, building materials (cement, plaster, additives etc.) on the root system can kill the tree.	Never store oils, chemicals or building materials within the Precautionary Zone or within the branch spread of a tree, which ever is the greater.
Placement or replacement of underground apparatus.	Various	Death of all or part of the tree.	Effective planning and liaison with the consulting arborist, taking into consideration the position of trees, and their future growth potential and management.

6.2 Above Ground

6.2.1 Damage by Pruning

Trees (including shrubs and hedges) can be damaged by inappropriate or excessive pruning. The aim of pruning should be to achieve vegetation clearances in ways which minimise the aesthetic and physical impact on retained trees and shrubs.

Reasonable care should be taken to avoid unnecessary damage to flora and fauna and to access ways.

Work should comply with BS3998. Pruning is a skilled job which should be undertaken by appropriately trained and experienced staff.

Given constraints often imposed by others it is not always possible to prune in an aesthetically pleasing way. However an effective Utility Arborist adjusts the work carried out for each plant to achieve the best possible standard, given the prevailing constraints.

- Ideally vegetation is left well balanced with natural crown shapes
- Pruning must also take into account the vegetation re-growth expected in the interval between cuts. This will vary widely between plant species and sites.
- Vegetation management: tree selection for retention and replanting at an early stage can be used to prevent the need for much more intrusive and damaging work in the future when the vegetation grows closer to the overhead line. Good practice often involves interventions over a number of cutting cycles to manage trees and shrubs so that future conflict with local infrastructure is minimised.

Where reasonably possible avoid recognised injurious practices such as:

- o Topping or lopping to an arbitrary height or branch length
- o Unbalancing a tree crown by excessive one-sided pruning
- o Pollarding. Unless pollarding is the existing recognised management technique.
- o Inappropriate use of flailing.
- o Climbing damage - Care should be taken to avoid injuring thin and weak barked species by inappropriate use of rope access techniques.
- o Access damage - Vehicle access and treatment of arisings should avoid injury to low branches, stems, root buttresses and feeder roots.
- o Spreading Disease - Appropriate regard should be given to avoid spreading fungal diseases.

- If the only pruning option is to severely reduce or unbalance a tree, then coppicing, or felling and replacement planting are often better options.

See table 2 – 'Prevention of Damage to Trees Above Ground' below for summary details regarding causes and types of damage to trees and the implications of the damage and the necessary precautions to be taken to avoid damage.

TABLE 2 - Prevention of Damage to Trees Above Ground

Causes of Damage	Type of Damage	Implications for the Tree	Precautions
Impact by vehicle or plant Physical attachment of signs or hoardings to the trunk Storage of materials at base of tree Rubbing by winch or pulling cables	Bark bruising, bark removal, damage to the wood, damage to buttress roots, abrasion to trunk	Wounding with the potential for infection ultimately resulting in death of all or part of the tree. Structural failure of the tree	Surround the trunk with protective free-standing barrier. Exclude vehicles, plant or material storage from the Precautionary Zone. Ensure sufficient clearance of cables or ropes.
Impact by vehicle or plant Rubbing by overhead cables	Bark damage to branches, breakage and splitting of branches, abrasion to branches	Structural failure of the branch. Wounding or loss of a branch with the potential for infection ultimately resulting in death of all or part of the branch or tree.	Exclude vehicles, plant or material storage from the Precautionary Zone. Ensure sufficient clearance of cables or ropes. All pruning should be carried out in accordance with BS3998 (prune affected branches to give appropriate clearance from cables)
Inappropriate sitingof overhead apparatus, such as CCTV, lighting fixtures and communications masts and dishes.	Inappropriate pruning, unnecessary tree removal	Severely pruning tree to acquire line of sight signal for communications dish etc.	Effective planning and liaison with arboriculturist, taking into consideration the position of trees,and their future growth potential and management.
Lack of forethought in design and location of apparatus and services entries on new developments	Complete tree removal	The tree is removed unnecessarily	Agree the location and installation of services at the design stage. Consideration should be given to the creation of dedicated service routes wherever possible.
Use of herbicides	Poisoning of the tree via absorption throughbark, leaves and shoots	Death of the whole tree, death of individual branches, damage to leaves andshoots	The selection and application of herbicides must be undertaken by a competent person in accordancewith COSHH regulations.

6.2.1 Chemical Damage to Trees

Chemical damage to trees adjacent to utility premises and operational land can be avoided if;

- the risk is identified when planning any work involving herbicides or other chemicals ensuring that only appropriate chemicals are used. Particular care should be exercised when considering the use of herbicides recommended for "non crop areas" as many of these also specify "do not use where there may be roots of desirable plants",
- herbicides are applied only at the rate and in the manner recommended by the manufacturer,
- follow-up applications are not undertaken until weeds reappear on the operational land,
- alternative methods of weed control are considered.

7. Terminology

Tree categories

A	Trees of high quality and value due to their size, age, condition, historical/visual merit and/or conservation potential. (a minimum of 40 years)
A1	Mainly arboricultural values. Particularly good examples of species, essential components of groups or of formal or semi-formal arboricultural features.
A2	Mainly landscape values. Trees, groups or woodlands which provide a definite screening or softening effects to the locality in relation to views into or out of site, or those of particular visual importance.
A3	Mainly cultural values, including conservation. Trees, groups or woodlands of significant conservation, historical, comparative or other value (e.g. veteran trees or wood-pasture).
B	Trees of moderate quality and value (a minimum of 20 years)
B1	Mainly arboricultural values. Trees that might be included in high categories but are downgraded because of impaired condition (e.g. presence of remedial defects including unsympathetic past management and minor storm damage)
B2	Mainly landscape values. Trees present in numbers, usually as groups or woodlands, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal features (e.g. trees of moderate quality within an avenue that includes better A category specimens) or trees situated internally to the site, therefore individually having little visual impact on the wider locality.
B3	Mainly cultural values including conservation. Trees with clearly identifiable conservation or other cultural benefits.
C	Trees of low quality and value (a minimum of 10 years).
C1	Not qualifying in higher categories
C2	Trees present in groups or woodlands but without conferring on them greater landscape value and/or trees offering low or only temporary screening benefit.
C3	Trees with very limited conservation or other cultural benefits.
U	Trees in such condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management. Trees that are dead, dying or showing immediate and irreversible decline.

NB: The prefix 'P' denotes trees within private property.

Terminology (cont.)

Apparatus: Equipment such as valves, stopcocks, chambers, cabinets, transformer chambers etc and includes any structure for the lodging of apparatus.

Arboriculturist: A professional who cultivates and manages trees, hedgerows and shrubs and provides information and advice on specific tree related issues.

Carriageway: A way constituting or comprised in a highway, being a way (other than a cycle track) over which the public have a right of way for the passage of vehicles.

Comments: Refers to the tree's condition and suitability for the site.

Common name: Most widely used non botanical name.

Co-dominant: Two branches assuming the role of leading shoots. When growing close together may form a weak attachment (included bark) at their point of contact. Trees with this defect may be in danger of splitting at this weak attachment.

COSHH: Control of Substances Hazardous to Health Regulations

Crown Spread: Measured in metres north, east, south, and west.

Cycle track: A way constituting or comprised in a highway over which the public have a right of way on pedal cycles with or without a right of way on foot.

Decay fungi: Refers to those species of fungi which degrade living wood and which may, depending on the degree of degradation, render the tree structurally unsound.

Defects: Refers to cracks, storm damage and any other damage mechanical or biological.

Desiccation: The state of extreme dryness, the drying out of roots.

Diameter: Diameter of the trunk (millimetres) at 1.5m. M.S. after the measurement refers to the tree being multi-stemmed.

Footpath: A highway over which the public have a right of way on foot only, not being a footway.

Footway: A way comprised in a highway which also comprises a carriageway, being a way over which the public have a right of way on foot only.

Herbicide: A chemical that destroys plants.

Genus & Species: Refers to the botanical names for the tree.

Height: Measured in metres.

Monitor: Refers to trees which need to be re-surveyed on a yearly basis to assess their condition. This timescale may be sooner where works or adverse weather conditions have impacted negatively on the trees.

Overhaul: A reference to standard tree surgery work which consists of the removal of deadwood, crossing branches and balancing where appropriate.

Recommendations: Indicates surgery work necessary for the retention or, where necessary, removal of the tree.

Root plate: Formed just below the soil surface when shallow lateral growing roots predominate over the development of a deep taproot.

Tree No.: Refers to numbered tag fixed to tree during survey.

Route & Tree ID	Tree Tag Number	Species	Category and Sub Category	Est. Height (m)	Stem Diameter (mm)	RPA Radius (m)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (yrs)
04-G001	Tag291	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	C2	5.5	120	1.4	1;1;1;1	4.5s	4.75	Fair	Young	Good	Located on the northern side of the Finglas Road at the pedestrian entrance to Decourcey square. A group of three young fastigiate hornbeam. Some exhibit pruning wounds that may limit long-term potential. Overhead services limit canopies south due to maintenance activities.	No action necessary	No action necessary	10-15
04-G002	Tag292	London plane *Platanus × acerifolia*	B2	8	180	2.2	2;2;2;2	6s	6.25	Good	Young	Good	Located either side of Finglas Road east of St.Vincents school. A group of four young London plane. Single stemmed and vigorous. Pavement heave present.	Prune near overhead services.	Remove to facilitate construction of roadway/cycle path.	15-20
04-T003	Tag293	London plane *Platanus × acerifolia*	B2	10	220	2.6	2.5;2.5;2.5;2.5	6s	6.25	Good	Young	Good	Single stemmed and vigorous. Pavement heave present.	No action necessary	Remove to facilitate construction of roadway/cycle path.	15-20
04-T004P		Sycamore *Acer pseudoplatanus*	B2	11	370	4.4	6;6;5;5	2.5n	2.75	Fair	Early Mature	Fair	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Exhibits signs of having been coppiced with dense stems and tight unions. Girdling roots visible at base north and south.	No action necessary	No action necessary	15-20
04-T005P		Swedish whitebeam *Sorbus aria*	A2	12	390	4.7	7;6;6.5;6	3.25n	3.5	Good	Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Some branches rubbing in lower canopy. No other visible defects.	Prune branches that are rubbing in lower canopy.	Remove to facilitate construction of foot path.	20-30
04-T006P		Cherry *Prunus avium*	B2	9	360	4.3	4;3;4;5	2w	2.25	Good	Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Heavy ivy prevents clear inspection. Sound unions are visible. Bark damage visible east however no decay present.	Cut ivy	Remove to facilitate construction of foot path.	20-30
04-T007P		Cherry *Prunus avium*	B2	9	290	3.5	4;3;4;4	2.5w	2.75	Good	Early Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Co-dominant at 1m with poor union present. May limit long term potential. No other defects visible.	No action necessary	Remove to facilitate construction of foot path.	20-30
04-T008P		Rowan *Sorbus aucuparia*	B2	7	260	3.1	1;2;3;2	1s	1.25	Fair	Early Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Multi-stemmed from base. No defects visible.	No action necessary	Remove to facilitate construction of foot path.	15-20
04-T009P		Birch *Betula pendula*	B2	8	210	2.5	1;2;3;1	4s	4.25	Fair	Early Mature	Fair	Located inside the grounds of St.Vincents school 2.25m from boundary fence. A group of four early mature birch. Planted closely together with canopies suppressed as a result. No defects visible.	No action necessary	Remove to facilitate construction of foot path.	15-20
04-T010P		Sycamore *Acer pseudoplatanus*	B2	10.5	370	4.4	4.5;4;5;4	3s	3.25	Good	Early Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Well formed with no visible defects.	No action necessary	Remove to facilitate construction of foot path.	20-30
04-T011P		Birch *Betula pendula*	B2	13	240	2.9	2;2;3;4	2w	2.25	Good	Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Single stemmed and well formed.	No action necessary	Remove to facilitate construction of foot path.	20-30
04-T012P		Purple leaf plum *Prunus Cerasifera Nigra*	C2	6	240	2.9	2;4;2.5;1	2.25s	2.5	Fair	Early Mature	Fair	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Exhibits signs of minor fungal - cushion bracket (*Phellinus pomaceus*) in lower canopy though not significant at present.	Monitor infection.	Remove to facilitate construction of foot path.	10-15
04-T013P		Black alder *Alnus glutinosa*	B2	13	360	4.3	3;3;5;4	4n	4.25	Good	Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Single stem with heavy ivy obscuring inspection of upper crown.	Cut ivy and re-assess	Remove to facilitate construction of foot path.	20-30
04-T014P		Cherry *Prunus avium*	C2	6	370	4.4	3;2;4;2	2.5s	2.75	Fair	Mature	Fair	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Heavy pruning activity has contributed to sub-optimal vigour.	No action necessary	Remove to facilitate construction of foot path.	10-15
04-T015P		Sycamore *Acer pseudoplatanus*	A2	18	490	5.9	7;8;7;7	3s	3.25	Good	Mature	Good	Located inside the grounds of St.Vincents school 2.25m from boundary fence. Well formed with no visible defects.	No action necessary	Remove to facilitate construction of foot path.	30-40
04-G016	Tag294	Silver maple *Acer saccharinum*	B2	13	290	3.5	4;4;4;4	5n	5.25	Good	Early Mature	Good	Located on the southern side of the Finglas Road adjacent to Glasnevin cemetery. A group of three early mature silver maple. Single stemmed with no visible defects.	Remove hanging branches south.	Remove two easterly trees to facilitate construction of roadway (refer to drawing).	20-30
04-G017	Tag295	Silver maple *Acer saccharinum*	B2	7.5	180	2.2	2;2;1;1	4n	4.25	Good	Young	Good	Located on the southern side of the Finglas Road adjacent to Glasnevin cemetery. A group of ten young silver maple. Well formed with no visible defects.	SUDs are shown between these trees. Root protection mats should be placed during works on nearby SUDs construction to reduce impact on roots.	A single tree to be removed due to road contouring (refer to drawing).	15-20
04-G018	Tag296	Field maple *Acer campestre*	A2	7	240	2.9	4;3;3;2	2n	2.25	Good	Early Mature	Good	Located inside Claremont Lawns park south of Finglas Road, 7m from the boundary wall. A group of two young field maple. Well formed with no visible defects.	No action necessary	No action necessary	20-30

Route & Tree ID	Tree Tag Number	Species	Category and Sub Category	Est. Height (m)	Stem Diameter (mm)	RPA Radius (m)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (yrs)
04-G019	Tag297	Common Lime *Tilia* x *europaea*	B2	7.5	250	3	3;3;3;3	1.5n	1.75	Good	Early Mature	Good	Located inside Claremont Lawns park south of Finglas Road, 4.5m from the boundary wall. A group of 17 early mature lime. Vigorous with no visible defects.	Raise crown 1-2m for amenity access.	Remove nine easterly trees to facilitate construction of foot path (refer to drawing). Provision is given for a planting area surrounding current trees, however the impact of reducing levels and constructing the proposed foot path on two sides, less than 1m of existing trees will make these trees unviable.	30-40
04-G020	Tag298	Fastigiate hornbeam *Carpinus betulus 'Fastigiata'*	B2	6.5	210	2.5	1.5;1.5;1.5;1.5	2.5n	2.75	Good	Young	Good	Located within a 2m grass verge on the southern side of Finglas Road. A group of 14 young fastigiate hornbeam. Well suited to local environment with no defects visible.	SUDs are shown between these trees. Root protection mats should be placed during works on nearby SUDs construction to reduce impact on roots.	No action necessary	20-30
04-T021	Tag299	Rowan *Sorbus aucuparia*	U	7	200	2.4	1;1;1;1		0.25	Very Poor	Early Mature	Very Poor	Located on a central median on the Finglas Road adjacent to the Willows residential housing estate. Co-dominate from 2.5m with pronounced decay present above and below the union.	Fell	Fell and recommend replace with similar.	<10
04-T022	Tag300	Rowan *Sorbus aucuparia*	U	6.5	240	2.9	1;1;1;1		0.25	Fair	Early Mature	Very Poor	Located on a central median on the Finglas Road adjacent to the Willows residential housing estate. Bark damage with deep underlaying decay in base from 0.25m south.	Fell	Fell and recommend replace with similar.	0
04-G023	Tag301	Rowan *Sorbus aucuparia*	B2	6.5	210	2.5	2;2;1;1	3s	3.25	Good	Early Mature	Fair	Located on a central median on the Finglas Road adjacent to the Willows residential housing estate. A group of four early mature rowan. Some exhibit bark damage from likely mower impacts. Though no associated decay visible at present.	No action necessary	Construction works to facilitate road lanes are needed here, which has a chance of damage to root systems. However, the affected areas are less then 10% of the potential root area and as these trees are younger they should recover well.	15-20
04-T024	Tag302	London plane *Platanus × acerifolia*	B2	18	540	6.5	6;6;5;5.5	2w	2.25	Good	Mature	Good	Located on a central median on the Finglas Road adjacent to the Willows residential housing estate. Soil built up too high west with no root flair visible. Lower canopy is dense with some intrusion into roadway. Otherwise well formed.	Raise canopy 2-3m for traffic safety.	Construction works to facilitate road lanes are needed here, which has a chance of damage to root systems. However, as the affected area are less then 10% of the potential root area this tree should recover well.	30-40
04-G025	Tag303	London plane *Platanus × acerifolia*	B2	12	270	3.2	4;4.5;2;3	4.5n	4.75	Good	Early Mature	Good	Located on a central median on the Finglas Road adjacent to the Willows residential housing estate. A group of seven early mature London plane. These have been planted deep with western root flares not visible. Crowns show good vigour. These trees are well suited for this roadside environment.	Reduce soil level west.	Construction works to facilitate road lanes are needed here, which has a chance of damage to root systems. However, the affected areas are less then 10% of the potential root area and as these trees are younger they should recover well.	15-20
04-T026	Tag304	Cherry cultivar *Prunus cv*	C2	5	230	2.8	3;3;3;1.5	3e	3.25	Fair	Early Mature	Poor	Located within a narrow grass verge 0.25m from the roadside at the entrance to the Willows residential estate. Bark damage with associated decay at 1.25m west. Potentially limited long-term potential.	Reassesss and remove if decay progresses.	No action necessary	10
04-T027	Tag305	Cherry cultivar *Prunus cv*	U	6	440	5.3	1;1;1;1		0.25	Fair	Mature	Very poor	Located within a narrow grass verge 0.25m from the roadside at the entrance to the Willows residential estate. Extensive decay in main stem.	Fell	Fell	<10

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04-T028	Tag306	London plane *Platanus × acerifolia*	B2	16	480	5.8	5;3.5;4;5	4s	4.25	Fair	Early Mature	Fair	Located within a wide grass verge on the central median of the Finglas Road. Has lost a stem south at 4.25m. No associated decay visible. Drawn up canopy form. No other visible defects.	No action necessary	No action necessary	20-30
04-G029	Tag307	London plane *Platanus × acerifolia*	B2	10	290	3.5	3.5;3.5;3.5;3.5	6e	6.25	Good	Early Mature	Fair	Located within a wide (4m) grass verge in the central median on the Finglas road adjacent to Lidl shopping centre. A group of 25 early mature London plane. Many have been planted too deeply with root flares not visible. Pruning wounds visible in lower crown due to roadside maintenance which these trees are exhibiting resilience to. Canopies are well formed and vigorous.	Reduce soil levels near root flare.	No action necessary	15-20
04-G030	Tag308	London plane *Platanus × acerifolia*	C2	6.5	110	1.3	1;2;1;1	2.25n	2.5	Good	Young	Good	Located within a wide (4m) grass verge in the central median on the Finglas road adjacent to Lidl shopping centre. A group of two young London plane. No visible defects.	No action necessary	No action necessary	10-15
04-T031	Tag309	London plane *Platanus × acerifolia*	A2	17	540	6.5	6;7;6;6	4.5w	4.75	Good	Mature	Good	Located within a wide (4m) grass verge in the central median on the Finglas road adjacent to Lidl shopping centre. Single stemmed with well formed canopy. No visible defects.	No action necessary	Minimal disturbance inside RPA. Remommend use of hand tools where possible to reduce impact on roots.	30-40
04-G032	Tag310	Small leaved lime cultivar *Tilia cordata* cv	C2	5	140	1.7	2;2;2;2	2s	2.25	Fair	Young	Fair	Located on the eastern side of the Finglas road within a 2.5m grass verge. A group of six young small leaf lime. Some exhibit impact damage though no associated decay.	No action necessary	Remove the first, most easterly tree, to facilitate construction of foot path. The other five will have minimal impact from root disturbance.	10-15
04-G033	Tag311	Small leaved lime cultivar *Tilia cordata* cv	B2	9	240	2.9	3;3;2;3	3w	3.25	Good	Early Mature	Good	Located on the eastern side of the Finglas road within a 2.5m grass verge. A group of three small leaf lime. Well formed with no visible defects.	No action necessary	No action necessary	20-30
04-G034	Tag312	Rowan *Sorbus aucuparia*	C2	7	250	3	2;2;2;2		0.25	Fair	Early Mature	Fair	Located within a grass verge 2.5m wide in a cental median north of Tolka river bridge. A group of four early mature rowan. No visible defects.	No action necessary	Remove three north-most trees to facilitate construction of roadway. The single southerly tree is unaffected (refer to drawing).	20-30
04-G035	Tag313	London plane *Platanus × acerifolia*	B2	11	370	4.4	4;4;3;4	4w	4.25	Good	Early Mature	Good	Located within a grass verge 2.5m wide in a cental median north of Tolka river bridge. A group of six early mature London plane. Well formed and suited to roadside environment. No major defects save for some root damage from mower activity with no associated decay.	No action necessary	Remove two north-most trees to facilitate construction of roadway.	30-40
04-T036	Tag314	Cherry *Prunus avium*	B2	5.5	170	2	4;4;2;3.5	2.5s	2.75	Good	Early Mature	Fair	Located within a grass verge on the corner of the Finglas Road and the Old Finglas road. Exhibits bark damage at base north with no associated decay. Single stem with sound branch unions. Canopy suppressed at 2m south by advert hoarding.	No action necessary	No action necessary	15-20
04-G037	Tag315	Fastigiate hornbeam *Carpinus betulus 'Fastigiata'*	B2/C2	6	140	1.7	2;2;2;2	3n	3.25	Good	Young	Good	Located on a 3.5m grass verge within a sloping central median. A group of four young fastigiate hornbeam. No visible defects.	No action necessary	Remove for construction works to facilitate road lanes.	15-20
04-T038	Tag316	Sycamore Acer *pseudoplatanus*	U		150	1.8	1;1;1;1		0.25				Located on a 3.5m grass verge within a sloping central median.	Fell	Fell	0
04-G039	Tag317	Sycamore Acer *pseudoplatanus*	C2/B2	6	140	1.7	2;2;2;2	2.5n	2.75	Good	Young	Good	Located on a 3.5m grass verge within a sloping central median. A group of seven young sycamore and one birch. Soil levels are sub-optimal, but no defects visible.	No action necessary	Construction works to facilitate road lanes are needed here, which has a chance of damage to root systems. However, the affected areas are less then 10% of the potential root area and as these trees are young they should recover well. Three needed to be removed (refer to drawing)	10-15
04-T040	Tag318	Sycamore Acer *pseudoplatanus*	B2	17	500	6	6;5;4;5	3n	3.25	Good	Mature	Fair	Located on a 3.5m grass verge within a sloping central median. Exhibits minor root girdling east due to sub-optimal soil levels. Multi stemmed from 2.25m with minor deadwood in centre stem likely caused by light suppression. Crown well formed.	Dead wood	No action necessary	20-30
04-G041	Tag319	Sycamore *Acer pseudoplatanus*	B2	9	180	2.2	3;3;3;3	4s	4.25	Good	Young	Good	Located on a 3.5m grass verge within a sloping central median. A group of 15 young sycamore.	Reduce soil levels	No action necessary	15-20

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04-G042	Tag320	Sycamore *Acer pseudoplatanus*	B2	16	400	4.8	5;4;5;5	4n	4.25	Good	Early Mature	Good	Located on the western side of the finglas road, north of the Old Finglas road junction. A group of nine early mature sycamore within a 2m wide grass verge. These specimens display a dense multi stem arrangement due to heavy pruning activity. Crowns have been raised east over roadway which produces a drawn up profile. The many of the trees located on the southern side have produced pavement heave that presents a hazard for foot traffic.	No action necessary	Construction of cycle path to south of trunks of the two southern trees. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise root disturbance. The seven remaining trees have minimal impact (<10%)to root systems from works.	20-30
04-G043	Tag320	Sycamore *Acer pseudoplatanus*	C2	8	150	1.8	2;2;2;1	3w	3.25	Fair	Young	Good	Located on the western side of the finglas road, north of the Old Finglas road junction. A group of two young sycamore. No visible defects.	No action necessary	SUDs are shown between these trees. Root protection mats should be placed during works on nearby SUDs construction to reduce impact on roots.	10-15
04-G044	Tag321	Sycamore *Acer pseudoplatanus*	B2	11	200	2.4	3;1;4;3	2.75n	3	Good	Young	Good	Located on the eastern side of the Finglas road, north of the Old Finglas road. A group of two young sycamore within a 2m wide grass verge. Minor mower damage to root flare with no associated decay. Sound sounds visible.	No action necessary	Construction of cycle path to south of trunks of the two southern trees. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise root disturbance.	15-20
04-G045	Tag322	Cherry *Prunus avium*	C2		90	1.1	0.5;0.5;0.5;0.5		0.25	Fair	Juvenile	Fair	Located on the eastern side of the Finglas road, north of the Old Finglas road within a 2m wide grass verge. A group of two Juvenile cherry. Leaf scorch present. Will need to be pruned in coming seasons due to overhead services directly above.	Review drainage.	SUDs are shown between these trees. Root protection mats should be placed during works on nearby SUDs construction to reduce impact on roots.	10-15
04-T046	Tag323	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	10	270	3.2	4;5;4;4	3n	3.25	Good	Early Mature	Good	Located within a 1.3m wide grass verge in a central median adjacent to the Tolka Apartments apartments. Impact damage at base west with no major physiological effects visible. Well developed crown that has been well maintained.	No action necessary	No action necessary	15-20
04-G047	Tag324	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	7	180	2.2	2;2;2;2	2.75w	3	Good	Young	Good	Located within a 1.3m wide grass verge in a central median adjacent to the Tolka Apartments apartments. A group of five young fastigiate hornbeam. Many exhibit mower impact that may limit long-term potential.	No action necessary	No action necessary	15-20
04-G048	Tag325	Sycamore *Acer pseudoplatanus*	C2	6.5	200	2.4	1.5;1.5;1.5;1.5	4.5n	4.75	Fair	Young	Fair	Located within a 1.3m wide grass verge in a central median adjacent to the Tolka Apartments apartments. A group of 22 young sycamore. Many exhibit mower impact damage that may impact long-term potential.	No action necessary	No action necessary	10-15
04-G049	Tag326	Sycamore *Acer pseudoplatanus*	B2	11	200	2.4	3;3;3;3	5n	5.25	Good	Young	Good	Located within a 1.3m wide grass verge in a central median adjacent to the Tolka Valley Road. A group of two young sycamore. Forms drawn up due to roadside maintenance. No defects visible.	No action necessary	No action necessary	20-30
04-T050	Tag327	Sycamore *Acer pseudoplatanus*	B2	19	510	6.1	5;6;5;6	3n	3.25	Good	Early Mature	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Tolka Apartments. Has a dense stem formation due to pollarding activity. This specimen may present negative impact through excessive shading for adjacent residents. Minor pavement heave west.	Prune to reduce shading on apartments	Verge expansion near root zone. Recommend use of AirSpade/ hand tools where possible to reduce damage to roots.	20-30
04-G051	Tag328	Sycamore *Acer pseudoplatanus*	B2	10.5	340	4.1	4;4;4.5;4.5	2.75n	3	Good	Early Mature	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Tolka Apartments. A group of two early mature sycamore. Minor pavement heave west. Well formed with no visible defects.	No action necessary	Verge expansion near root zone. Recommend use of AirSpade/ hand tools where possible to reduce damage to roots.	20-30
04-G052	Tag329	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	C2	5.5	100	1.2	1;1;1;1	0	0.25	Fair	Juvenile	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Tolka Apartments. A group six Juvenile fastigiate hornbeam. No defects visible.	No action necessary	Verge expansion near root zone. Recommend use of AirSpade/ hand tools where possible to reduce damage to roots.	10-15

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04-G053	Tag330	Sycamore *Acer pseudoplatanus*	B2	11	250	3	4;4;4;4	2.5n	2.75	Good	Young	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Tolka Apartments. A group of six young sycamore. Well formed with no visible defects.	No action necessary	Construction of cycle path to west of trunks. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance.	15-20
04-T054	Tag331	Sycamore *Acer pseudoplatanus*	B2	17	480	5.8	5;5;4.5;6	5w	5.25	Good	Early Mature	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Tolka and Eden Apartments. Minor cavity at 2m west not significant at present but likely to reduce long term potential. Dense stem formation. Serves as a high value aesthetic feature to main entrance to the Tolka and Eden Apartments.	Monitor for adaptation to cavity.	Construction of cycle path to west of trunk. Recommend use of Cellweb or equivalent to protect roots, with AirSpade excavation to minimise disturbance to root zone.	15-20
04-G055	Tag332	Sycamore *Acer pseudoplatanus*	C2	3	60	0.7	0.5;0.5;0.5;0.5	2.5n	2.75	Good	Juvenile	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Eden Apartments. Group of two juvenile sycamore. No defects visible.	No action necessary	Retained with recommended use of cellweb and build up of cyclepath.	10-15
04-G056	Tag333	Sycamore *Acer pseudoplatanus*	B2	11	360	4.3	3;3;3;3	4.5n	4.75	Good	Early Mature	Good	Located within a 1.5m grass verge on the western side of the Finglas road adjacent to the Tolka Vale Apartments. A group of 6 early mature sycamore. Minor mower impacts on some specimens but unlikely to reduce long term potential. Well formed with no defects visible.	No action necessary	Remove one tree (see drawing) as roots are impacted directly north from new cycle path. South most tree to be retained with recommended use of cellweb and build up of cyclepath. Where SUDs are shown within 3m of areas near trunks, airspade techniques must to used to reduce impact on roots.	20-30
04-G057	Tag335	Sycamore *Acer pseudoplatanus*	B2	12	300	3.6	3;3.5;3;3.5		0.25	Good	Early Mature	Fair	Located on the eastern side of the Fingal road, adjacent to the Tolka Vale Apartments. Within a 2.25m wide grass verge. A group of 16 early mature sycamore. Close unions present where stems form that may produce branch rubbing in future.	No action necessary	Where SUDs are shown within 3m of areas near trunks, airspade techniques must to used to reduce impact on roots.	20-30
04-T058	Tag336	Sycamore *Acer pseudoplatanus*	C2	7	160	1.9	2;2.5;2;2	3w	3.25	Fair	Young	Fair	Located on the eastern side of the Fingal Road, adjacent to the Tolka Vale Apartments. Bark damage south with minor associated decay.	Reassess for viability for retention annually	No action necessary	10
04-T059	Tag337	Sycamore *Acer pseudoplatanus*	U	11	380	4.6	1;1;1;1		0.25	Dead	Early Mature			Fell	Fell	0
04-T060	Tag338	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	C2	10	530	6.4	3;4;1;2	2n	2.25	Poor	Early Mature	Fair	Located within a central median on a 3m wide grass verge. Girdling roots north and east. Wide spread decline in vigour throughout crown. Source of stressor not visible.	Improve drainage	No action necessary	10-15
04-T061	Tag339	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	10	260	3.1	3;3;2;3	3.5n	3.75	Good	Early Mature	Good	Located within a central median on a 3m wide grass verge. Minor root damage due to mower activity. Crown well formed.	No action necessary	No action necessary	15-20
04-G062	Tag340	Sycamore *Acer pseudoplatanus*	C2	8	250	3	2;2;2;2	4w	4.25	Fair	Young	Good	Located within a central median on a 3m wide grass verge. A group of seven young sycamore. Planted within 3m apart these specimens are drawn up as a result.	No action necessary	No action necessary	10-15
04-G063	Tag341	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	7.5	200	2.4	3;3;3;3	2.5e	2.75	Good	Early Mature	Good	Located within a central median on a 3m wide grass verge. A group of nine early mature fastigiate hornbeam and three early mature sycamore. Well formed with no visible defects.	No action necessary	No action necessary	15-20
04-T064	Tag342	Sycamore *Acer pseudoplatanus*	U		150	1.8	3;3;3;3		0.25	Very Poor	Young			Fell	Fell	
04-T065	Tag343	Sycamore *Acer pseudoplatanus*	C2	6.5	210	2.5	3;2;3;3.5	3n	3.25	Fair	Young	Fair	Located on western side of the Finglas road within a 2m wide grass verge. Single stemmed. Minor deadwood and reduced vigour.	No action necessary	No action necessary	10-15

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04-G066	Tag344	Sycamore *Acer pseudoplatanus*	B2	13	440	5.3	5;4;3.5;4	2n	2.25	Good	Early Mature	Good	Located on western side of the Finglas road within a 2m wide grass verge. A group of seven early mature sycamore. These all feature minor impact damage to exposed roots/root flare from mower activity. However the effects are mitigated by these specimens maturity. Generous planting distance (10m) has allowed for well developed crowns.	No action necessary	Remove the two north most trees to facilitate construction of cycle path. Establish tree protection to mitigate damage to roots. Use of hand tools where possible are recommended to mimimise impact on roots including areas where SUDs are shown.	20-30
04-T067	Tag345	Eucalyptus *Eucalyptus globulus*	A2	22	910	10.9	6;7;6;6	5n	5.25	Good	Mature	Good	Located within an open area at the entrance to the Glenhill residential housing estate. Heavy ivy growth obscures inspection of the lower trunk (2-6m) area. However the base contains no defects - two large diameter pruning cuts (0.5m south and east) have recovered well. Features a lean east by 1.5m that corrects at 6m. A wide crown with characteristic open canopy has afforded favourable conditions for an undercanopy of a group of 8 young ash 4m west. A tree a high landscape value given its maturity and rarity (especially in North Dublin).	Cut ivy and re-assess	No action necessary	30-40
04-T068	Tag346	Eucalyptus *Eucalyptus globulus*	A2	19	580	7	4;4;2.5;4		0.25	Good	Mature	Good	Located within an open area at the entrance to the Glenhill residential housing estate. Single stemmed and sub-dominant to neighbouring eucalyptus 5m south. Minor mower damage to exposed roots east.	No action necessary	No action necessary	30-40
04-G071	Tag347	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	7	210	2.5	2;2;2;2	2n	2.25	Good	Early Mature	Good	Located within an open area north of the roadway entrance to Clearwater shopping centre. A group of 8 early mature fastigiate hornbeam. Some exhibit minor bark damage from mower activity. Crowns exhibit good vigour due to favourable drainage conditions.	No action necessary	Pleace tree protection fencing.	20-30
04-T072	Tag348	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	7	240	2.9	1.5;1.5;1.5;1.5	2.25e	2.5	Good	Early Mature	Good	Located within a narrow (1.25m) grass verge on the western side of the Finglas road; north of the Clearwater shopping centre. A group of 7 early mature fastigiate hornbeam. No defects visible.	No action necessary	Open verge area is expanding east near the root systems of these trees. Use of hand tools where possible are recommended to mimimise impact on roots.	15-20
04-G073	Tag349	Sycamore *Acer pseudoplatanus*	B2	12	310	3.7	3;3;3;3	4n	4.25	Good	Young	Fair	Located on both sides of the Finglas road; directly south of Finglas village. A group of 26 young/early mature sycamore. Many exhibit minor deadwood in lower canopy which is characteristic for the species. Crown profiles are drawn up due to roadside pruning.	Dead wood	Six to remove to facilitate construction of cycle path on the western side of the Finglas Road (refer to drawing). Where SUDs are shown within 3m of areas near trunks, airspade techniques must to used to reduce impact on roots. Tree protection fencing is recommended for those on the eastern side.	20-30
04-G074	Tag350	Sycamore *Acer pseudoplatanus*	C2	9	160	1.9	2;2;2;2	3n	3.25	Poor	Young	Fair	Located within a 1.5m wide grass verge on the eastern side of the Finglas road; 40m north of the Clearwater Shopping Centre entrance. A group of four young sycamore. These exhibit poor vigour from likely suboptimal planting (root flares are not visible).	Reduce soil levels	Remove to facilitate construction of cycle path. These poor specimens will suffer from significant impact on root systems.	10
04-G075	Tag351	Sycamore *Acer pseudoplatanus*	C2	5.5	120	1.4	1;1;1;1	3e	3.25	Poor	Young	Fair	Located within a grass verge in the central median starting at the entrance to the Clearwater Shopping Centre and continuing north. A group of 11 Juvenile sycamore. These have been planted too deep and have poor soil conditions.	Improve soil conditions. If no improvement taken - consider for replacement.	Remove five (see drawing) to facilitate construction of roadway. Median will realign and impact tree RPA's. As these trees are of poorer quality new plantings would be recommended.	<10
04-T076	Tag352	Sycamore *Acer pseudoplatanus*	U		100	1.2	1;1;1;1		0.25					Fell	Fell	0

Route & Tree ID	Tree Tag Number	Species	Category and Sub Category	Est. Height (m)	Stem Diameter (mm)	RPA Radius (m)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (yrs)
04-T077	Tag355	Sycamore *Acer pseudoplatanus*	B2	9	260	3.1	3;3;3;3	4w	4.25	Good	Early Mature	Good	Located within a grass verge in the central median beginning at the entrance to the Clearwater Shopping Centre and continuing north. Minor pruning wounds in lower canopy with no associated decay.	No action necessary	Remove to facilitate construction of realigned median.	20-30
04-G078	Tag354	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	C2	6	190	2.3	2;2;2;2	2.75n	3	Good	Young	Good	Located within a 3m wide grass verge on a central median directly south of Finglas village. A group of 29 young fastigiate hornbeam and two young sycamore.	No action necessary	Remove five at north end of median (refer to drawing) to facilitate construction of realigned roadway.	10-15
Note: Tag 355 Not in use																
04-G079	Tag356	Sycamore *Acer pseudoplatanus*	B2	12	390	4.7	4;5;4;3	3w	3.25	Good	Early Mature	Fair	Located within a 2m wide grass verge on the eastern side of the Finglas road adjacent to the Wellmount road junction. A group of nine early mature sycamore. Have been pollarded and have a dense stem structure with a drawn up profile as a result.	Remove basal growth near footpaths.	No action necessary	20-30
04-T080	Tag357	Sycamore *Acer pseudoplatanus*	U		280	3.4	1;1;1;1		0.25	Very Poor	Early Mature			Fell	Fell	<10
04-G081	Tag358	Birch *Betula pendula*	B2	6	170	2	2;2;2;2	1.75e	2	Good	Early Mature	Good	Located on a central median on the Finglas road; north of the Wellmount junction. A group of two early mature birch. Sound unions present and no visible defects.	No action necessary	No action necessary	15-20
04-G082	Tag359	Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	B2	11	240	2.9	3;3;3;3	3.5e	3.75	Good	Early Mature	Good	Located on a central median on the Finglas road, north of the Wellmount junction. A group of four early mature fastigiate hornbeam. No defects visible.	No action necessary	No action necessary	15-20
04-G083	Tag360	Sycamore *Acer pseudoplatanus*	B2	9	200	2.4	2;2;2;2	3n	3.25	Good	Young	Good	Located within a 2m grass verge south of the North Road turn-off. A group of nine young sycamore. Planted 6m+ apart. Well developed crowns.	No action necessary	Three southern most trees have either SUDs or reduction of root zone shown so airspade techniques should to used to reduce impact on roots. Six trees north require no action.	15-20
04-G084	Tag361	Sycamore *Acer pseudoplatanus*	C2	4.5	120	1.4	1;1;1;1	2.5e	2.75	Good	Juvenile	Good	Located within a 2m grass verge south of the North Road turn-off. A group of two Juvenile sycamore plantings with no visible defects.	No action necessary	No action necessary	10-15
04-G085	Tag362	Small leaved lime cultivar *Tilia cordata* cv	C2	5	180	2.2	2;2;2;2	2w	2.25	Good	Young	Fair	Located within a 9m sloping grass verge embankment south of the North Road turn-off. A group of five small leaf lime. Planted in a tight grouping which will limit long-term potential. Exposed roots have damaged bark with some associated decay present.	No action necessary	No action necessary	10-15
04-G086	Tag029	London plane *Platanus* × *acerifolia*	C2	10	130	1.6	2;2;2;2	3w	3.25	Fair	Young	Fair	Group of six young trees either side of Finglas Road; south of Prospect Way. Located 1m from kerb; many exhibit minor bark damage from minor traffic impacts. Lower crowns have been reduced over Roadway to 1m.	No action necessary	No action necessary	15-20
04-T087	Tag030	London plane *Platanus* × *acerifolia*	B2	13	210	2.5	3;3;4;4	3.75w	4	Good	Early Mature	Good	Located on the Finglas Road parallel to Prospect Way. 0.5m from kerb. Roots causing minor pavement heave east. Single stem with early development of included bark at branch union 2.25m west though unlikely to limit long-term potential. Lower canopy east has been raised for Roadside maintenance.	Raise canopy west over pavement.	No action necessary	20-30
04-T088	Tag031	Rowan cultivar *Sorbus aucuparia* cv	B2	6	290	3.5	2.5;3;3;2	2.25n	2.5	Good	Early Mature	Fair	Located at the entrance to De Courcy Square 2m from the finglas Road kerb side. Multi stemmed from 2m where it appears to have been coppiced in past. Lower canopy crowded as a result with deadwood and branch rubbing. Pavement heave west for 1.5m.	Undertake formative pruning	Remove to facilitate construction of cycle path.	15-20
04-G089	Tag032	London plane *Platanus* × *acerifolia*	A2	14	440	5.3	4;4;4;4	8n	8.25	Good	Early Mature	Good	Group of five London plane located on the south side of prospect way. Pavement has been replaced around bases due to root heave. Crowns well formed though drawn up due to Roadside maintenance of lower canopy. Wide unions present and no visible defects.	No action necessary	No action necessary	40
04-G090	Tag033	London plane *Platanus* × *acerifolia*	A2	11	340	4.1	4;3;4;3	7s	7.25	Good	Early Mature	Good	Group of four London plane located on the north side of prospect way, 0.3m from the kerb side. Growth moderately extended north due to Roadside pruning south. Wide unions present for stems and limbs. These trees provide high landscape value for this setting.	No action necessary	The single eastern tree to be removed to facilitate construction of cycle path. Three western trees to be retained (refer to drawing).	30-40

Route & Tree ID	Tree Tag Number	Species	Category and Sub Category	Est. Height (m)	Stem Diameter (mm)	RPA Radius (m)	Canopy Spread (N,E,S,W)	First Significant Branch (m) and Direction	Canopy Clearance (m)	Physiological Condition	Life Stage	Structural Condition	Condition Comments	Preliminary Management Comments	Tree Works to Facilitate the Development	Estimated Remaining Contribution (yrs)
04-G091		Lombardy poplar *Populus nigra* 'Italica'	B2	18	350 avg	4.2	3;3;3;3	N/A	N/A	Good	Mature	Good	Well developed trees planted to screen the footbridge from the south. No visible defects. Roots will spread extensively into the surrounding grasses area including the access area from the road to the base of the bridge.	No action necessary	Access footpath propsed at this point to link North Road and the R135. Will encrouch into RPA. Recommend buildup of path with Cellweb to protect roots. Tree protection fencing during initial construction.	15-30
04-G092		Birch *Betula pendula*	B2	10 avg	250 avg	3	2;2;2;2	2n	3	Good	Early Mature	Good	A cluster of seven trees adjacent to wall along R135. Relatively well developed.	No action necessary	Place tree protection fencing.	20
04-G093		Eucalyptus *Eucalyptus gunnii*	C2	6-12 avg	250 avg	3	2;2;2;2	2n	2.5	Fair	Young/ Early mature	Fair	A cluster of younger eucalyptus located between the R135 and boundary railing. Form generally poor due to competition between trees.	Overhaul	No action necessary	10-20
04-G094		Small leaved lime cultivars *Tilia cordata* cv	B2	6 avg	210 avg	2.5	2.5,2.5,2.5,2.5	2n	2.5	Good	Early Mature	Good	A single line planting forming a partial screen to the adjacent retail centre. Well developed with no visible defects.	No action necessary	No action necessary	40
04-G095		Norway maple *Acer platanoides,* Purple leaved Norway maple *Acer platanoides* Crimson King	B2	10 avg	310 avg	3.8	3;3;3;3	3n	3.5	Good	Early Mature	Good	A screen planting to the edge of a public park, set back 2.5m from a metal railing on a low stone wall. Trees relatively well developed.	No action necessary	A footpath is proposed along outside of the low wall. This is unlikely to has any adverse effect on RPA, where roots will be impeded by this obstacle.	40
04-G096		Ash *Fraxinus excelsior,* Norway maple *Acer platanoides,* Cherry *Prunus avium*	B2	10-12 avg	320 avg	3.9	4;4;4;4	3n	3.5	Good	Early Mature	Good	A well developed group of trees, set 2.5m back from a metal railing on a low stone wall. Forming a screen planting to edge of public park.	No action necessary	Public foot path proposed adjacent to low stone wall. Raise canopies to 3m over railing to accommodate future works. No impact foreseen due to wall acting as root barrier. Wall with railing can function as tree protection.	30-40
04-G097		Sycamore *Acer pseudoplatanus*	B2	5-7 avg	210 avg	2.5	2;2;2;2	2s avg	2.5	Good	Early Mature	Good	A planted group of 35 early mature sycamore. Moderate branch congestion in the lower canopies, otherwise well developed with good light exposure available (3.5m plus between plantings)	No action necessary	A public foot path is proposed to link Casement Road to the R135. The outline of which is sympathetic to this existing tree group. Recommend setting proposed path 4m from tree group. Place tree protection fencing south and east of tree group. Raise canopies to 2.75m that extend over proposed footpath.	30-40
04-G098		Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	C2	6	200		1;1;1;1	N/A	N/A	Good	Young	Fair	Located within the median at the enterence to the Clearwater shopping centre. Young and heavily pruned to upper canopy.	No action necessary	Remove to facilitate construction of roadway.	10-20
04-G099		Fastigiate hornbeam *Carpinus betulus* 'Fastigiata'	C2	6	180		1;1;1;1	N/A	N/A	Good	Young	Fair	Located within the median at the enterence to the Clearwater shopping centre. Young and heavily pruned to upper canopy.	No action necessary	Remove to facilitate construction of roadway.	10-20

9. REFERENCES

BS 5837 (2012). Trees in Relation to Design Demolition and Construction

Mattheck and Breloer (1994). The body language of trees

Dublin City Council (2016) Dublin City Tree Strategy 2016 – 2020

NJUG (2007) Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees.

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0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

A 0

A 50

A 100

A 150

A 200

A 250

A 300

A 350

NORTHWOOD

OLD BALLYMUN ROAD

Mast

SHEET 01

SHEET 02

PROPOSED SCHEME

Tie in to existing

ST. MARGARETS ROAD

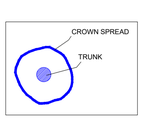
Dublin

Baile Átha Cliath

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



Drawing to be interpreted with reference to Tree Survey document

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Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 1
NOTES Do Not Scale - Use Figured Dimensions Only Not for Construction Purposes unless Specifically Marked	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

A 500 A 550 A 600 A 650 A 700 A 750 A 400 A 450

A GEO_CS-0003 B GEO_CS-0003

03-T0296 03-T0295 03-T0294 03-T0293

03-G0292

BALLYMUN MAIN STREET

SANTRY AVENUE

SANTRY CROSS

BALBUTCHER LANE

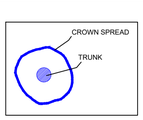
SHEET 01 SHEET 02 SHEET 02 SHEET 01 SHEET 03 SHEET 02

DOMVILLE WOODS 20-21 OLD BALLYMUN ROAD The Kilmore Apts. The Claremont Apts. The Goulding Apts. The Maieston The Turnpike Apts. The Hampton The Charter Apts. Linnbhla BALCURRIS ROAD BALCURRIS CLOSE BALCURRIS GARDENS

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 2
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked	DRAWN BY: CIARAN KEATING		CK. INITIALS	REVISION. C
	STATUS: Planning			

SCALE 1:500 @ A1; 1:1000 @ A3

0 5.0 10.0 20.0 30.0 40.0 50.0m

A 800 A 850 A 900 A 950 A 1000 A 1050 A 1100 A 1150

COULTRY ROAD

SHANGAN ROAD

BALLYMUN MAIN STREET

BALLYMUN CAR PARK

BALBUTCHER LANE

SILLOGE ROAD

BALCURRIS ROAD

Ballymun Civic Centre

Ballymun Shopping Centre

Car Park

Hotel

Mast

ESB

TK

SHEET 02

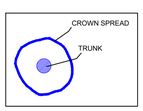
SHEET 03

SHEET 04

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 3
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

A 1150 A 1200 A 1250 A 1300 A 1350 A 1400 A 1450 A 1500 A 1550

BALLYMUN CIVIC CENTRE

TRINITY COMPREHENSIVE SECONDARY SCHOOL

SHANLISS ROAD

GATEWAY AVENUE

GATEWAY CRESCENT

GATEWAY VIEW

SILLOGE ROAD

SHEET 03 SHEET 04 SHEET 03 SHEET 04 SHEET 04 SHEET 04 SHEET 05

Ballymun Civic Centre

Car Park

Local Gov Building

GS Stn

Ballymun Leisure Center

Trinity Comprehensive School

Scoil an tSeachtar Laoch

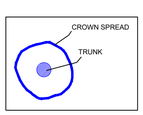
School

03-G0291 03-G0270 03-G0286 03-G0287 03-G0272 03-T0288 03-T0289 03-T0290 03-T0281 03-T0273 03-T0274

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 4
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

SHANLISS ROAD

A 1550 A 1600 A 1650 A 1700 A 1750 A 1800 A 1850 A 1900

COLLINS AVENUE

BALLYMUN ROAD

GLASNEVIN AVENUE

Stormanstown House

Ballymun Adult Education School

Sports Surface

Library

Clubhouse

Tennis Court

Tennis Ground

College

Car Park

SHEET 04

SHEET 05

SHEET 06

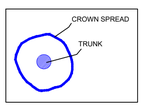
03-T0284 03-T0285 03-T0283 03-T0282 03-T0281 03-T0280 03-T0279 03-T0278 03-T0277 03-T0276 03-T0275 03-T0274 03-T0273 03-T0272 03-T0271 03-T0270 03-T0269 03-T0268 03-T0267 03-T0266 03-T0265 03-T0264 03-T0263 03-T0262 03-T0261 03-T0260 03-T0259 03-T0258 03-T0257 03-T0256 03-T0255

03-G0247 03-G0254 03-G0253

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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Arboricultural & Arboriculture Ltd

Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 5
NOTES Do Not Scale - Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

CHURCH OF OUR LADY OF VICTORIES

ALBERT COLLEGE DRIVE

BALLYMUN ROAD

ST PAPPIN ROAD

ALBERT COLLEGE GROVE

ALBERT COLLEGE LAWN

WADELAI GREEN

SEAN SWIFT ROAD

Our Lady Of Victories Girls Primary School

Dublin

Baile Átha Cliath

Whitehall

Our Lady Of Victories

A 1950

A 2000

A 2050

A 2100

A 2150

A 2200

A 2250

A 2300

03-G0246

03-G0245

03-G0244

03-G0243

03-G0241P

03-T0228

03-T0249P

03-T0248P

03-T0250P

03-G0247

03-G0240

03-G0237

03-G0239

03-G0238

03-G0254

03-G0253

03-G0252

03-G0251

03-G0242

03-G0227

03-T0256

03-T0255

SHEET 05

SHEET 06

SHEET 07

LEGEND:

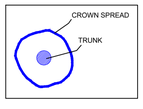
- EXISTING SURFACE RETAINED
- PROPOSED POURED CONCRETE
- PROPOSED ASPHALT
- PROPOSED STONE PAVING
- PROPOSED CONCRETE PAVING
- PROPOSED STONE / CONCRETE SETT PAVING
- PROPOSED SELF-BINDING GRAVEL
- PROPOSED COMMUNITY ENHANCEMENT
- PROPOSED TREES
- RETAINED TREES
- REMOVED TREES
- RETAINED VEGETATION
- REMOVED VEGETATION
- PROPOSED HEDGEROW
- PROPOSED NATIVE PLANTING
- PROPOSED ORNAMENTAL PLANTING
- RETAINED GRASS VERGE AND AMENITY AREAS
- PROPOSED GRASS VERGE AND AMENITY AREAS
- PROPOSED SPECIES RICH GRASS LAND
- SUDS
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

- RETAINED TREES CATEGORY A
- RETAINED TREES CATEGORY B
- RETAINED TREES CATEGORY C
- USE OF CELLWEB AND AIRSPADE EXCAVATION TO PROTECT ROOTS

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 6
NOTES Do Not Scale - Use Figured Dimensions Only Not For Construction Purposes unless Specifically Marked	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

A 2300 A 2350 A 2400 A 2450 A 2500 A 2550 A 2600 A 2650 A 2700

ALBERT COLLEGE

Dublin Baile Átha Cliath

DCU ENTRANCE

ALBERT COLLEGE PARK

BALLYMUN ROAD

HAMPSTEAD AVENUE

ST CANICE'S ROAD

GLASNEVIN TENNIS CLUB

DEAN SWIFT RD

SHEET 06

SHEET 07

SHEET 08

03-T0228 03-T0236 03-T0229 03-T0230 03-T0231 03-T0233 03-T0226 03-T0222 03-T0220 03-T0221 03-T0218 03-T0214

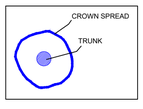
03-G0227 03-G0232 03-G0234 03-G0235 03-G0237 03-G0238 03-G0231 03-G0219 03-G0217 03-G0224 03-G0225

Stump

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



Drawing to be interpreted with reference to Tree Survey document

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CMK
Horticulture & Arboriculture Ltd.

Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 7
NOTES Do Not Scale - Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

N

A 2700 A 2750 A 2800 A 2850 A 2900 A 2900 A 2950 A 3000 A 3050

HAMPSTEAD AVENUE

THE RISE

ST. MOBHI ROAD

BALLYMUN ROAD

GRIFFITH AVENUE

GRIFFITH AVENUE

GLASNEVIN TENNIS CLUB

DCU SPORTSGROUNDS

SHEET 07

SHEET 08

SHEET 09

SHEET 20

Health Centre

Saint Michael's Special National School

Saint Michael's House Special National School

Saint Michael's Special National School

Ballymun Local Centre

03-T0146 03-T0147 03-T0148 03-T0171 03-T0172 03-T0173 03-T0174 03-T0175 03-T0176 03-T0177 03-T0178 03-T0179 03-T0180 03-T0181 03-T0182 03-T0183 03-T0184 03-T0185 03-T0186 03-T0187 03-T0188 03-T0189 03-T0190 03-T0191 03-T0192 03-T0193 03-T0194 03-T0195 03-T0196 03-T0197 03-T0198 03-T0199 03-T0200 03-T0201 03-T0202 03-T0203 03-T0204 03-T0205 03-T0206 03-T0207 03-T0208 03-T0209 03-T0210 03-T0211 03-T0212 03-T0213 03-T0214 03-T0215 03-T0166 03-T0167 03-T0168 03-T0169 03-T0170 03-T0322 03-T0324 03-T0325 03-T0326 03-T0327 03-G0321 03-G0323 03-G317

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT

CROWN SPREAD

TRUNK

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Horticulture & Arboriculture Ltd

Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 8
NOTES: Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Worded.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

RATHLIN ROAD

HOME FARM ROAD

Sports Surface
Multiple Use

GRIFFITH AVENUE

A 3100

A 3150

A 3200

A 3250

A 3300

A 3350

3400

A 3450

STELLA AVENUE

HOME FARM ROAD

ENTRANCE TO SCOIL CHAITRIONA SECONDARY SCHOOL

03-T0125 03-T0126 03-T0127 03-T0128 03-T0129 03-T0130 03-T0131 03-T0132 03-T0133 03-T0134 03-T0135 03-T0136 03-T0137 03-T0138 03-T0139 03-T0140 03-T0141 03-T0142 03-T0143 03-T0144 03-T0145 03-T0146 03-T0147 03-T0148 03-T0149 03-T0150 03-T0151 03-T0152 03-T0153 03-T0154 03-T0155 03-T0156 03-T0157 03-T0158 03-T0159 03-T0160 03-T0161 03-T0162 03-T0163 03-T0164 03-T0165 03-T0117 03-T0118 03-T0119 03-T0120 03-T0121 03-T0122 03-T0123 03-T0124 03-T0095 03-T0096 03-T0097 03-T0098 03-T0099 03-T0100 03-T0101 03-T0102 03-T0103 03-T0104 03-T0105 03-T0106 03-T0107 03-T0108 03-T0109 03-T0110 03-T0111 03-T0112 03-T0113 03-T0114 03-T0115 03-T0116

03-G-0328

Lamppost

lamp-post

ST MOBHI ROAD

ST. MOBHI BOITHIRIN

BOITHIRIN H

Bealnagown House

(The Inland Fisheries Trust)

Car Park

Mhs

Mh

LS

Tk

Flats

SHEET 08

SHEET 09

SHEET 10

GEO_CS-0003 C

GEO_CS-0003 C

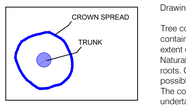
GEO_CS-0003 D

REFER TO MAP 18 FOR ALTERNATIVE TRAFFIC ROUTES - ST. MOBHI ROAD

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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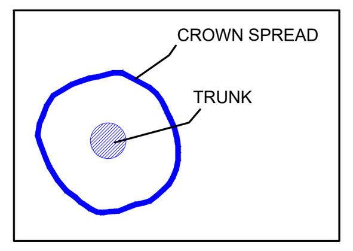
Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 9
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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Client:	PROJECT:			JOB NO.
NATIONAL TRANSPORT AUTHORTY (NTA)	BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 10
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	**DRAWN BY:** CIARAN KEATING		**CK** INITIALS	**REVISION.** C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

BOTANIC AVENUE

ST MOBHI GROVE

FAIRFIELD ROAD

BOTANIC ROAD

CLIFTONVILLE ROAD

MARGUERITE ROAD

ST TERESA'S ROAD

A 3850

A 3900

A 3950

A 4000

A 4050

A 4100

A 4150

A 4200

REFER TO MAP 18 FOR ALTERNATIVE TRAFFIC ROUTES - ST. MOBHI ROAD

30kph TRAFFIC CALMING ZONE

SHEET 10

SHEET 11

SHEET 12

GEO_CS-0003

GEO_CS-0008

03-T0066
03-T0065
03-T0064
03-T0063
03-T0062
03-T0061
03-T0060
03-T0059
03-T0058
03-T0057
03-T0056
03-T0055
03-T0054
03-T0053
03-T0052
03-T0051
03-T0050
03-T0049
03-T0048
03-T0047
03-T0046
03-T0045
03-T0044
03-T0043
03-T0042
03-T0041
03-T0040
03-T0039

03-G0319

lamp-post

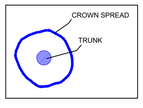
post

Car Park

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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CMK
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Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 11
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

MARGUERITE ROAD
BOTANIC ROAD
ST TERESA'S ROAD
PROSPECT AVENUE
PROSPECT WAY
DE COURCY SQUARE
FINGLAS ROAD
IONA ROAD
LINDSAY ROAD
DALCASSIAN DOWNS
THE COURT
BOTANIC MEWS
ST TERESA PLACE

A 4200 A 4250 A 4300 A 4350 A 4400 A 4450 A 4500 A 4550 A 4600
B 4100 B 4127 B 4050 B 4000 B 3950

GEO_CS-0003 GEO_CS-0002

SHEET 11 SHEET 12 SHEET 13 SHEET 12 SHEET 13

03-G316P 03-T0038 03-G0036 03-T0032 03-T0031 03-S0030 03-T0029

04-G0090 04-G0089 04-G0086 04-T0087 04-T0088 04-G001 04-G001 04-G001

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT

CROWN SPREAD
TRUNK

Drawing to be interpreted with reference to Tree Survey document

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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 12
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Worked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

03-T297

ROYAL CANAL BANK

ROYAL CANAL BANK

WHITWORTH ROAD

LINDSAY GROVE

PROSPECT ROAD

WESTMORELAND BRIDGE

ENNISKERRY ROAD

ROYSE ROAD

DEVERY'S LANE

PHIBSBOROUGH ROAD

LEINSTER STREET NORTH

MUNSTER STREET

CONNAUGHT STREET

A 4600

A 4650

A 4700

A 4750

A 4800

A 4850

A 4900

A 4950

H1

H1

H1

GEO_CS-0003

GEO_CS-0003

GEO_CS-0003

SHEET 12

SHEET 13

SHEET 13

SHEET 14

03-G0028

Tennis Ground

Recreational Complex

Car Park

Cross Guns Quay

5th Lock

Tunnel

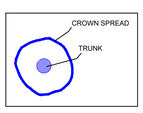
Phibsboro Shopping Centre

Area under construction

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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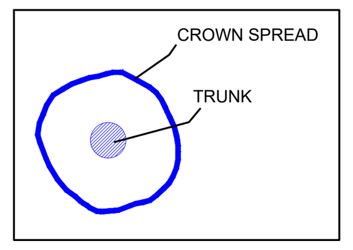
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 13
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Worded.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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NATIONAL TRANSPORT AUTHORTY (NTA)	BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 14
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	**DRAWN BY:** CIARAN KEATING		**CK** INITIALS	**REVISION.** C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

BLESSINGTON STREET BASIN

BLESSINGTON STREET PARK

ROYAL CANAL BANK

ROYAL CANAL BANK

KINGS INN STREET

BOTHAR BHAILE PHIB

KING'S INNS COURT

WHITE'S LANE NORTH

PHIBSBOROUGH ROAD

ROYAL CANAL TERRACE

MONCK PLACE

ALL SAINTS CHURCH

PHIBSBOROUGH FIRE STATION

MCGOWAN'S

BROADSTONE BUS DEPOT

SHEET 14

SHEET 15

SHEET 16

03-G0026

03-T0025

03-G0024

03-T0023

03-T0022

03-G318P

A 5400

A 5450

A 5500

A 5550

A 5600

A 5650

A 5700

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT

CROWN SPREAD

TRUNK

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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 15
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

03-T350

2m high stump only

03-G351

03-G351

03-G351

WESTERN WAY

DOMINICK STREET

A 5900

A 5950

A 6000

KINGS INN PARK

GEO_CS-0003

A 6050

A 6100

03-T0016

03-T0015P

03-T0014P

03-T0017

03-T0018

03-T0021

03-T0019

03-T0020

BROADSTONE GATE

03-G0012

03-T0013

CONSTITUTION HILL

SHEET 15

SHEET 16

SHEET 16

SHEET 17

A 5750

A 5800

A 5850

GEO_CS-0003

DUBLIN BUS DEPOT

Dublin Bus Phibsboro Depot

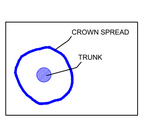
Dublin Bus Phibsboro Depot

Constitution Hill (Flats)

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 16
NOTES Do Not Scale - Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

LINENHALL STREET
ANNE ST NORTH
COLERAINE STREET
KINGS STREET NORTH
BERESFORD STREET
STIRRUP LANE
NEW STREET NORTH
CHURCH TERRACE
CATHERINE LANE NORTH
CHURCH STREET LOWER
BRUNSWICK STREET NORTH
KINGS STREET NORTH
NICHOLAS AVENUE
LINENHALL TERRACE
LISBURN ST
LURGAN STREET
COCKOO LANE
The Old Distillery
Car Park
Chancery Hall Apts.
The Hardwicke Apts.
Kevin Barry (Flats)
A 6100
A 6150
A 6200
A 6250
A 6300
A 6350
A 6400
A 6450
A 6500
GEO_CS-0003
SHEET 16
SHEET 17
SHEET 19
SHEET 18
03-G0011b
03-G0011
03-G0012
03-G0004
03-T0005
03-T0006
03-T0007
03-T0008
03-T0009
03-T0010
03-T0003

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT

CROWN SPREAD
TRUNK

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CMK
Horticulture & Arboriculture Ltd.

Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 17
NOTES Do Not Scale - Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

N

GREEK STREET

BERESFORD ST

BERESFORD STREET

FATHER MATTHEW SQUARE

CHURCH AVENUE WEST

MARY'S LANE

Saint Michan's House Flats

Saint Michan's House

St Michan's House (Flats)

1-34C

Court House

Platform

Platform

COURTS OF JUSTICE

Land Registry

INNS QUAY

HWM

3.3

A 6500

A 6600

A 6650

A 6700

A 6750

A 6800

A 6550

FATHER MATTHEW SQUARE

CHURCH AVENUE WEST

MARY'S LANE

CHANCERY STREET

MORGAN PLACE

INNS QUAY

03-G0004

03-G0004

03-G0004

03-T0003

CHURCH STREET

Central Bridewell G S Station

Public Records Office

Aras Ui Dhalaigh

3.5

SHEET 18

SHEET 17

CAPUCHIN FRIARY

Saint Mary of the Conception Church

03-T0002P

03-T0001P

ST. MICHANS CHURCH

MAY LANE

MARY'S LANE

Father Mathew Bridge

PROPOSED SCHEME

Tie in to existing

BS

FATHER MATHEW BRIDGE

HAMMOND LANE

Arran Quay Apts

LAW LIBRARY BUILDING

Law Library Building

158-164

Area under construction

ARAN QUAY

BOW STREET

FRIARY AVENUE

Infield Village Apts

HAMMOND LANE

Arran Square Apts

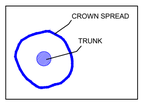
Arran Quay Apts

LIFFEY

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



Drawing to be interpreted with reference to Tree Survey document

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CMK
Arboricultural & Arboriculture Ltd.

Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 18
NOTES Do Not Scale - Use Figured Dimensions Only Not for Construction Purposes unless Specifically Marked	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

ORMOND SQUARE

ST MICHAN'S ST

CHARLES ST

GEORGE'S HILL

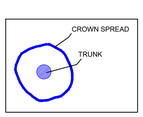
SHEET 19

SHEET 17

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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Horticulture & Arboriculture Ltd

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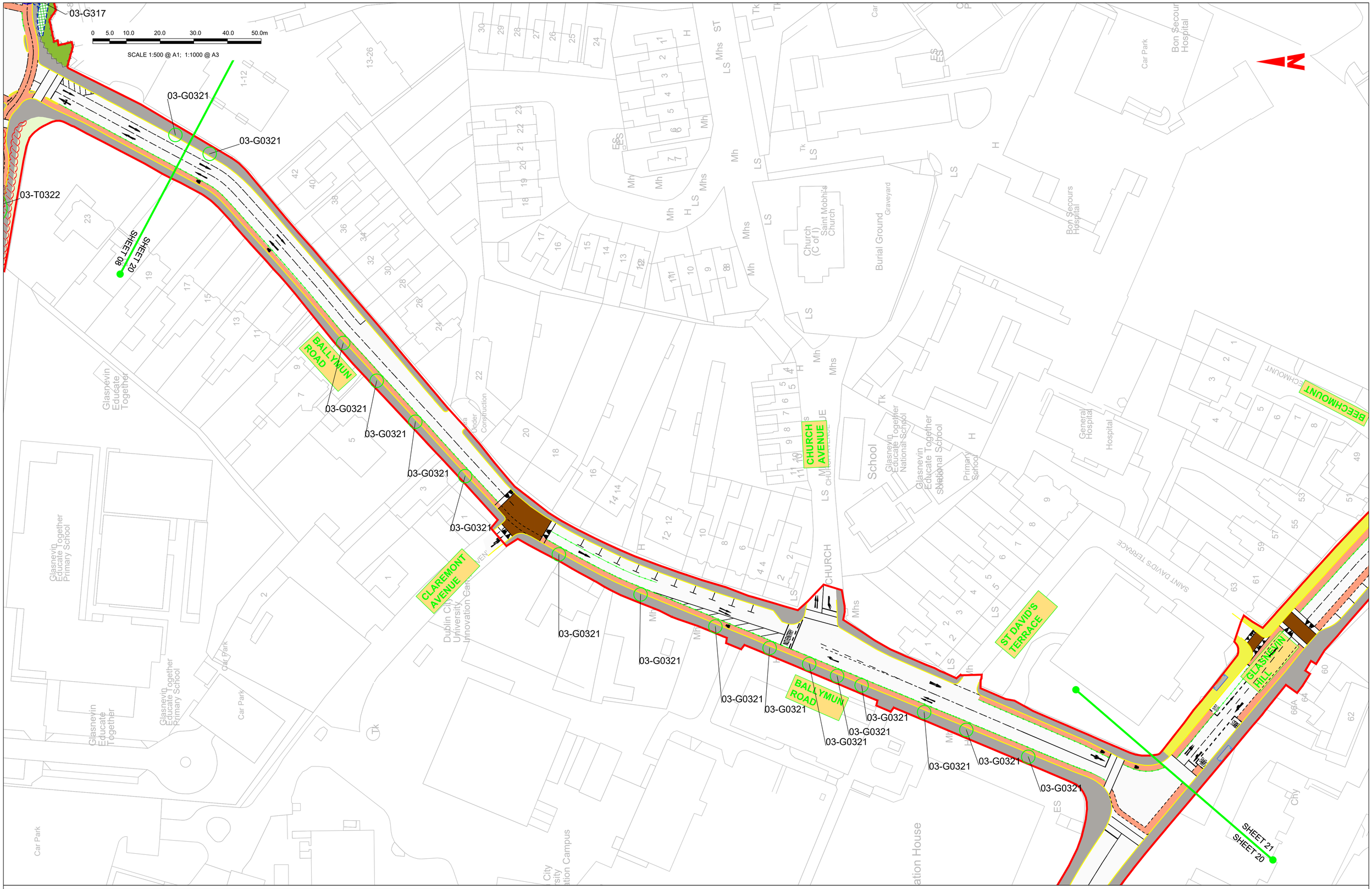
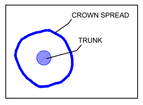
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 19
NOTES All Dimensions Are Figured Dimensions Only Not For Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
© THIS DRAWING IS COPYRIGHT OF CMK HORTICULTURE + ARBORICULTURE	STATUS: Planning			



LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 20
NOTES Do Not Scale - Use Figured Dimensions Only Not for Construction Purposes unless Specifically Marked	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

N

CHURCH AVENUE

BEECHMOUNT

RIVER GARDENS

GLASNEVIN HILL

ST DAVID'S TERRACE

BALLYMUN ROAD

SHEET 21

SHEET 22

SHEET 20

03-G0321

03-G0321

03-G0321

03-G0321

03-G0321

03-G0321

03-G0321

Church (C of I) Saint Mobhi's Church

Burial Ground

Graveyard

Bon Secours Hospital

General Hospital

Hospital

School

Glasnevin Educate Together National School

Primary School

Innovation House

Holy Faith Convent Cemetery

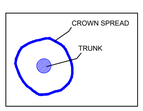
Holy Faith Convent Burial Ground

Convent of the Holy Faith

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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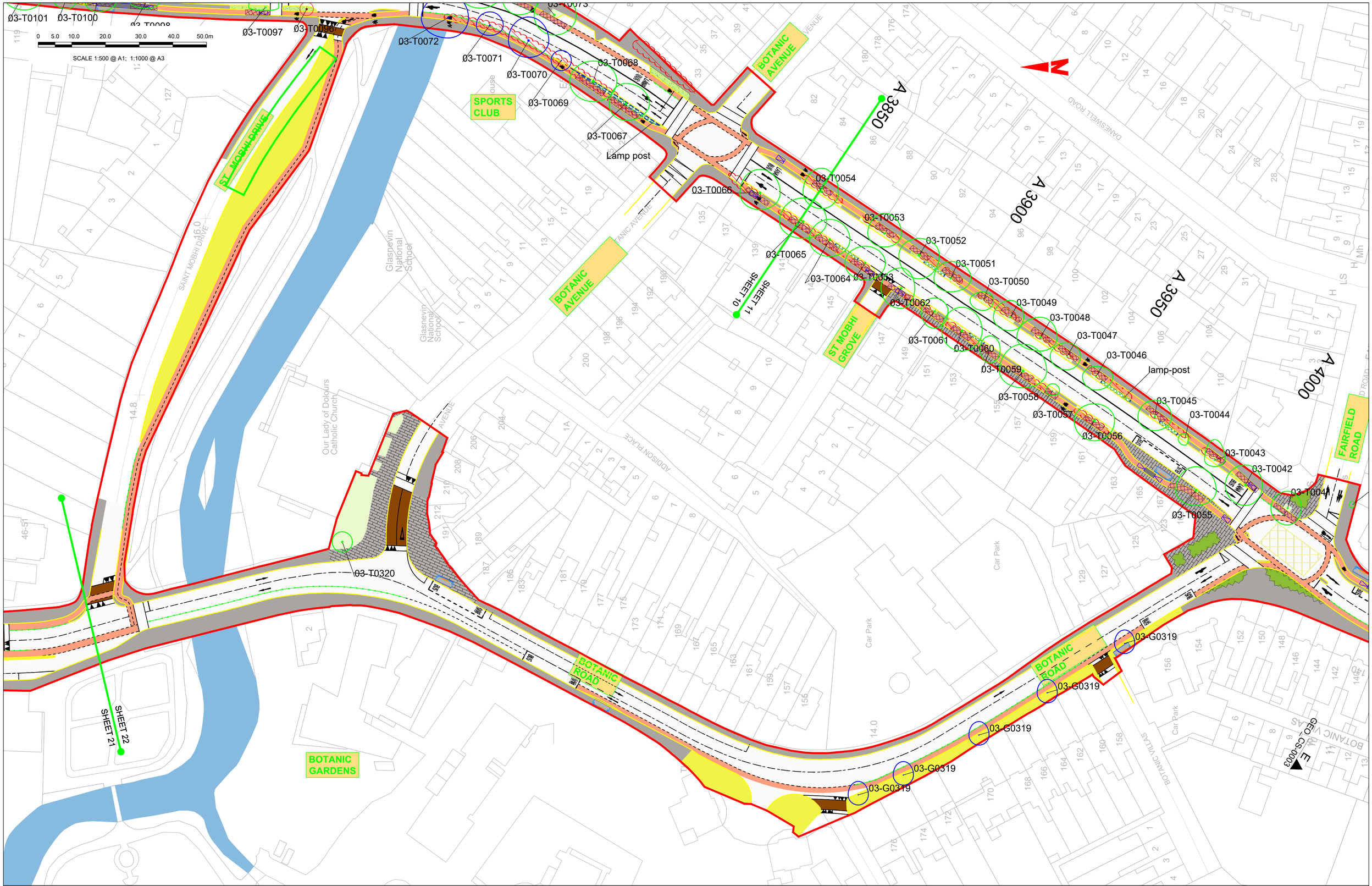
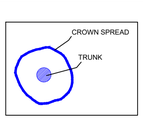
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 21
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Worked	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			



LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 22
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
© THIS DRAWING IS COPYRIGHT OF CMK HORTICULTURE + ARBORICULTURE	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

N

Tie in to existing PROPOSED SCHEME

Tie in to existing PROPOSED SCHEME

Tie in to existing PROPOSED SCHEME

04-G094

04-G096

04-G095

04-G097

04-G093

04-G091

04-G092

B 0

B 50

B 100

B 150

ST. MARGARET ROAD

MCKEE AVENUE

CASEMENT ROAD

NORTH ROAD

FINGLAS ROAD

BARRY AVENUE

Footbridge

Footbridge

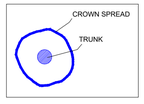
SHEET 23

SHEET 24

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 23
	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

NOTES
Do Not Scale. Use Figured Dimensions Only.
Not for Construction Purposes unless Specifically Marked.

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

FINGLAS ROAD

SHEET 23

SHEET 24

B 200

B 250

B 300

B 350

B 400

SHEET 24

SHEET 25

Mellowes Park

Sports Ground

FINGLAS NORTH

CASEMENT ROAD

BROOKVILLE

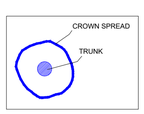
ED Bdy

N

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 24
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

SHEET 24
SHEET 25
SHEET 25
SHEET 26

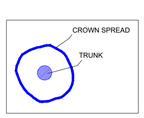
B 450
B 500
B 550
B 600
B 650
B 700

MELLOWES PARK
FINGLAS NORTH
FINGLAS ROAD
CASEMENT ROAD
NORTH ROAD
Mellowes Park
Playground
Playground
Sports Grounds
Sports Grounds
Ball Alley
Brookville Court 1-42
Apts. 1-9

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 25
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

SHEET 25

SHEET 26

SHEET 26

SHEET 27

B 700

B 750

B 800

B 850

B 900

B 950

B 1000

NORTH ROAD

MELLOWES ROAD

FINGLAS ROAD

THE LAWN

FINGLAS VILLAGE

FIRE STATION

Fire Station

Ball Alley

Brookville Court 1-42

Social Welfare Office

King William's Rampart

The Rectory

Mellows Court

Glebe View

Monument

Bank

Car Park

Ramp

Stone Cross

BM 60.32

BM 55.27

04-G085

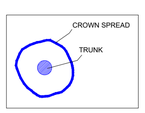
04-G084

04-G083

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1
			DRAWING NO. 26
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING	CK INITIALS	REVISION. C
© THIS DRAWING IS COPYRIGHT OF CMK HORTICULTURE + ARBORICULTURE	STATUS: Planning		

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

N

B 950
B 1000
B 1050
B 1100
B 1150
B 1200
B 1250

GEO_CS-0004 A

SHEET 26
SHEET 27
SHEET 28

FINGLAS ROAD
THE LAWN
CHURCH STREET
CHURCH TERRACE
WELLMOUNT ROAD
MAIN STREET
BALLYGALL ROAD

ST. MICHAELS HOLY FAITH SECONDARY SCHOOL

Presbyteries
St. Canice's Church (Cath)
Grotto
Parochial House
Car Park
Bank
Stone Cross
Grave Yard
Church
Church Tce.
St. Canice's Square
Foot Bridge
School
Presby
ED Bdy

BM 55.27
BM 51.67

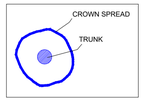
04-G085 04-G083 04-G084 04-G082 04-G079 04-G081 04-G080 04-G078 04-G073

Stump
NO ENTRY
LOW WALL

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1
	DRAWN BY: CIARAN KEATING		CK. INITIALS
	STATUS: Planning		REVISION. C

DRAWING NO. 27

NOTES
Do Not Scale. Use Figured Dimensions Only.
Not for Construction Purposes unless Specifically Marked.

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

WELLMOUNT ROAD

Car Park

SHEET 27

SHEET 28

FINGLAS ROAD

B 1200

B 1250

B 1300

B 1350

B 1400

B 1450

B 1500

GEO_CS-0004

GEO_CS-0004

FINGLAS PLACE

FINGLAS ROAD

FINGLAS

FINGLAS PL

BALLYGALL PLACE

GLENHILL

Finneber Fort

Finneber Square

FINNEBER FORT

Tk

Tks

Erins Isle Gaa Club

04-G073

04-G074

04-G075

04-G076

04-G077

04-G078

04-G079

SHEET 28

SHEET 29

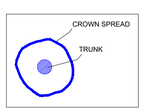
0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 28
	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

NOTES
Do Not Scale. Use Figured Dimensions Only.
Not for Construction Purposes unless Specifically Marked.

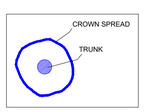
0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



Drawing to be interpreted with reference to Tree Survey document

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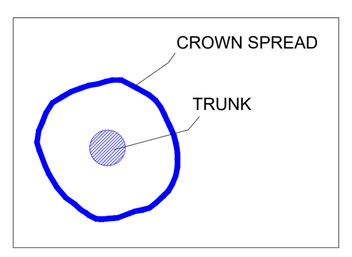
CMK
Horticulture & Arboriculture Ltd.

Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME		JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1
			DRAWING NO. 29
NOTES: DO NOT Scale. Use Figured Dimensions Only. Not For Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING	CK INITIALS	REVISION. C
	STATUS: Planning		

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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CMK
Horticulture & Arboriculture Ltd.

Client: NATIONAL TRANSPORT AUTHORTY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 30
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

SHEET 30
SHEET 31
SHEET 32

GEO_CS-0004 C

PROSPECT HILL

TOLKA VALLEY RD

CRAIGIE COURT

FINGLAS ROAD

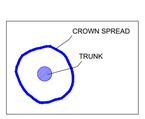
B 2100
B 2150
B 2200
B 2250
B 2300

THE BOTANIC
THE EDEN
THE TOLKA
THE IONA
Prospect Hill
Ramp to underground car park
GRIFFITH HEIGHTS
Griffith Heights
Griffith Cresent
ED Bdy

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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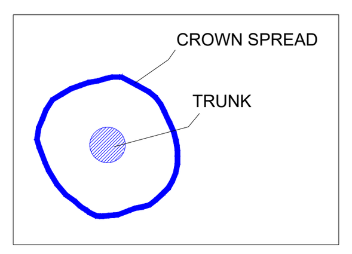
Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 31
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



Drawing to be interpreted with reference to Tree Survey document

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Client: NATIONAL TRANSPORT AUTHORTY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 32
	DRAWN BY: CIARAN KEATING		**CK** INITIALS	**REVISION.** C
	STATUS: Planning			

NOTES
Do Not Scale. Use Figured Dimensions Only.
Not for Construction Purposes unless Specifically Marked.

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

SHEET 32

SHEET 33

SHEET 33

SHEET 34

B 2550

B 2600

B 2650

B 2700

B 2750

B 2800

TOLKA RIVER

FINGLAS ROAD

BALLYBOGGAN ROAD

GLASNEVIN CEMETERY

Tolka Bridge

Tolka River

Lisín Glen

Pumping Station

Apts

1-24

Weir

WOODS

GLASNEVIN

VIOLET

VIOLET HILL

HILL

DRIVE

04-G034

04-G035

04-G029

04-T054

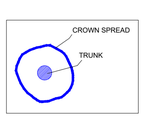
Sump

LANE

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 33
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK. INITIALS	REVISION. C
	STATUS: Planning			

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

SHEET 33
SHEET 34
SHEET 35

B 2800
B 2850
B 2900
B 2950
B 3000
B 3050
B 3100

GEO_CS-0004

FINGLAS ROAD

GLASNEVIN CEMETERY

PROSPECT

CEMETERY

LIDL

PETROL STATION

Car Park

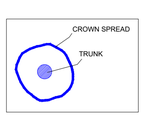
SLANEY CLOSE

Ramp

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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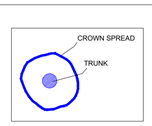
Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME			JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 34
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction. Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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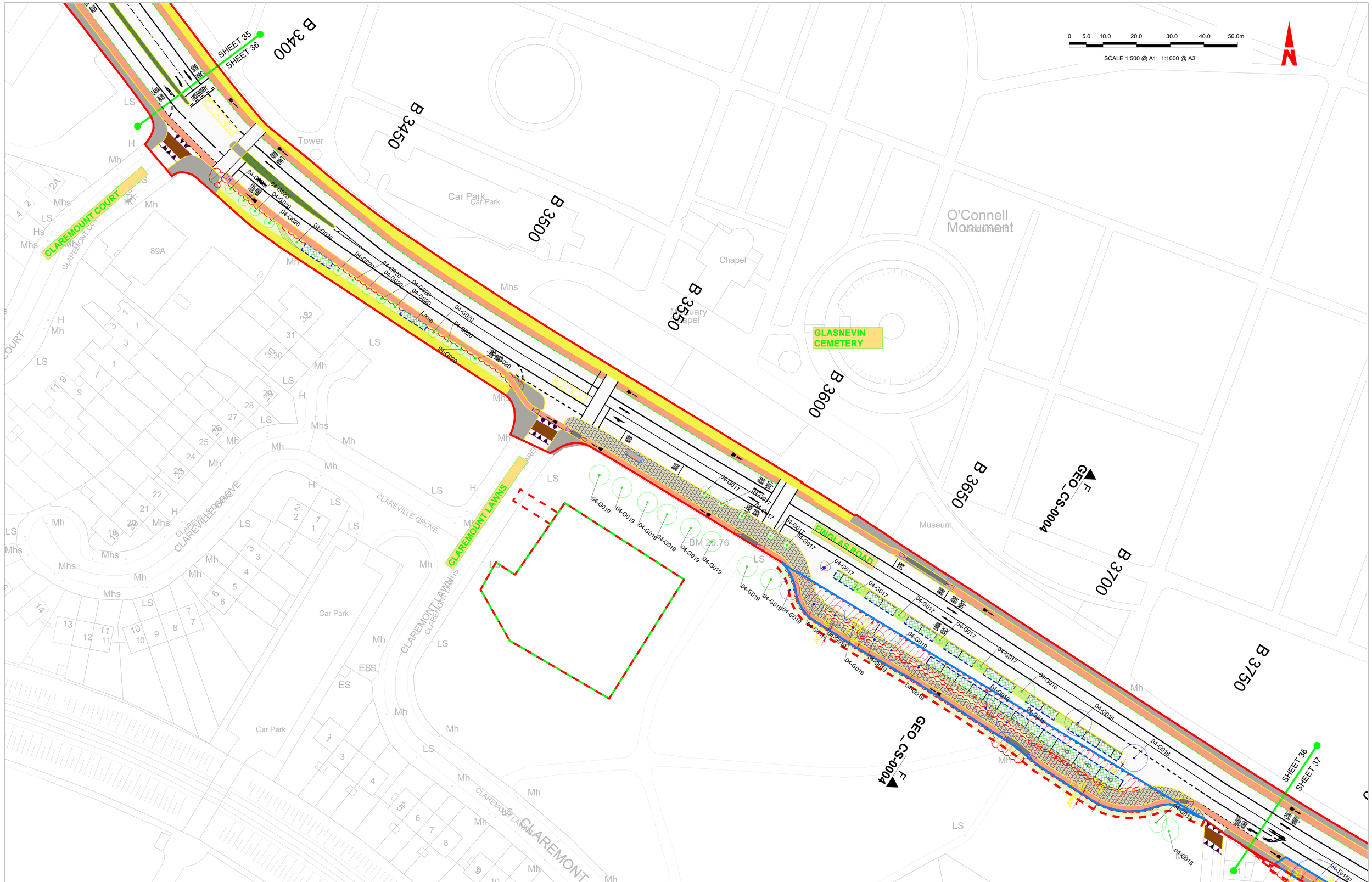
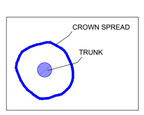
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 35
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Marked.	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			



LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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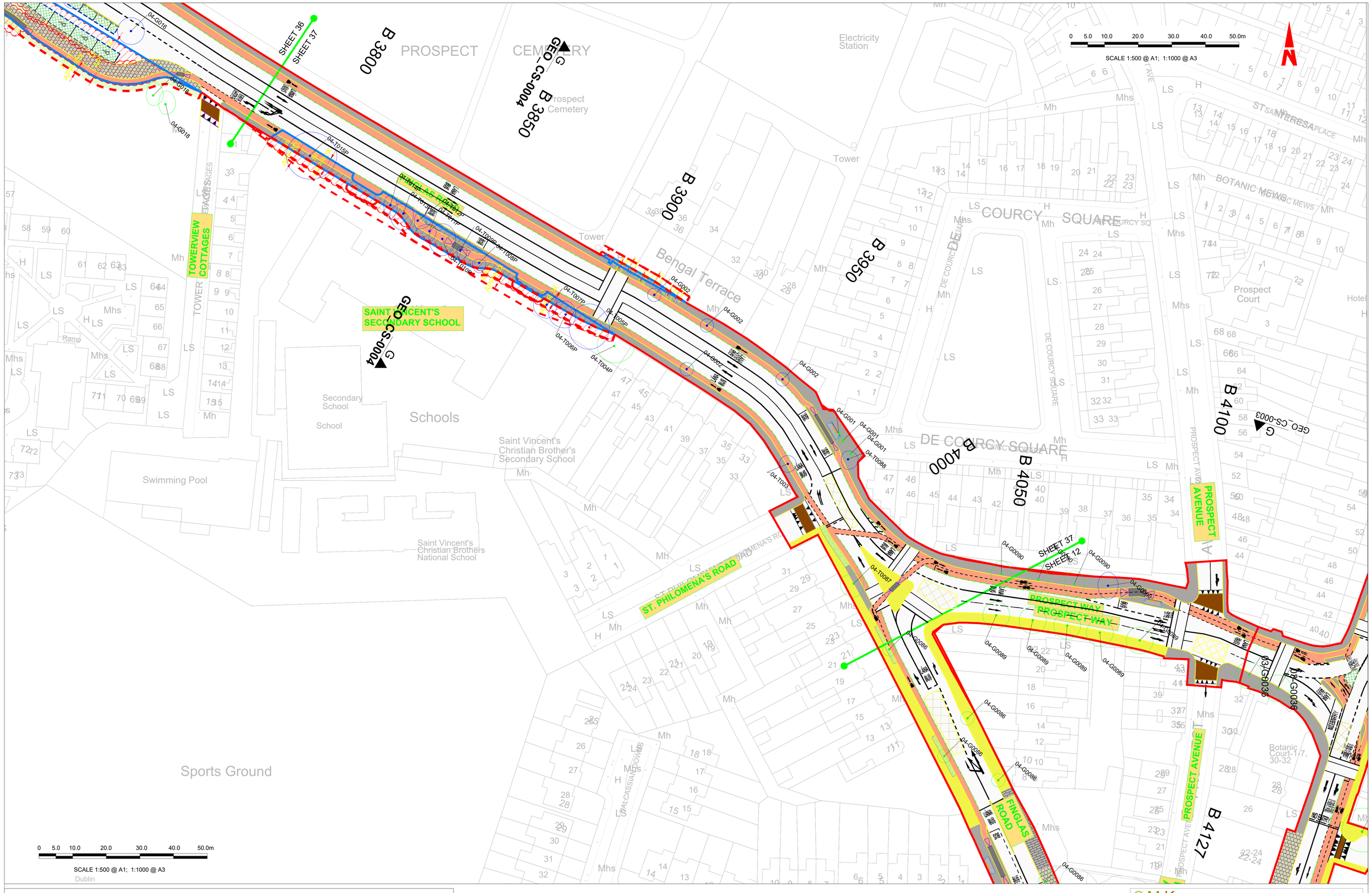
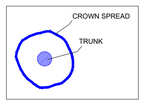
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 36
NOTES Do Not Scale. Use Figured Dimensions Only. Not for Construction Purposes unless Specifically Worked.	DRAWN BY: CIARAN KEATING		OK INITIALS	REVISION. C
	STATUS: Planning			



LEGEND

ARBORICULTURAL IMPACT

- TREES RETAINED
- TREES REMOVED TO FACILITATE DEVELOPMENT
- TREES TO BE REMOVED IN THE INTERESTS OF SOUND ARBORICULTURAL MANAGEMENT



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Client: NATIONAL TRANSPORT AUTHORITY (NTA)	PROJECT: BALLYMUN /FINGLAS TO CITY CENTRE BUS CORRIDOR SCHEME		JOB NO. TBUS001
	DRAWING: Arboricultural impact	DATE: 15-10-21	SCALE: 1:500 @ A1	DRAWING NO. 37
	DRAWN BY: CIARAN KEATING		CK INITIALS	REVISION. C
	STATUS: Planning			

NOTES
Do Not Scale. Use Figured Dimensions Only.
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