

Scheme of Arboricultural Supervision

Land at
Worcester Close
Istead Rise
Gravesend

Prepared by:
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AR/117422

February 2025

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1.0 Summary

- 1.1 The subject site is located on land at Worcester Close, Istead Rise, Gravesend.
- 1.2 Planning consent was granted by Gravesham Borough Council on 29th November 2023. (Application Number: 20230136)
- 1.3 Part of Condition 7 of that consent requires that an agreed scheme of supervision for the approved arboricultural protection measures be submitted and approved by the local planning authority.
- 1.4 The contents of this report are intended to provide the information required by items 'm' and 'n' within Condition 7.

2.0 Background

The Site: Land at Worcester Close, Istead Rise, Gravesend

TMC Ref: AR/117422

Local authority: Gravesham Borough Council

Report date: 14th February 2025

Surveyed by: Clive Mayhew BA (Hons), MICFor, FArborA, CEnv

3.0 Instructions

- 3.1 I am instructed to prepare a scheme of arboricultural supervision for the site to be applied for the duration of the construction period.
- 3.2 My name is Clive Mayhew, and I am the author this report. I have over 20 years' experience in tree, landscape and ecology management in both the public and private sectors. I am a Chartered Arboriculturist within the Institute of Chartered Foresters, a Chartered Environmentalist, and a Fellow of the Arboricultural Association.

4.0 Site details

- 4.1 The subject site is located on land at Worcester Close, Istead Rise, Gravesend.
- 4.2 **Existing structures:** There are no existing above ground structures on site.
- 4.3 **Existing topography:** The body of the site is essentially level throughout with no topographical variations of any arboricultural significance. The ground rises to a gentle bank along the northern site boundary; my visual impression was that this bank is made up with soil possibly originating historically from adjacent construction works.
- 4.4 **Existing vegetation:** Apart from the trees listed within this report the primary vegetation within the body of the site is improved amenity grassland.
- 4.5 **Soils:** The soil type is of relevance because soils with a high clay content can be compacted, which in turn can be extremely damaging to tree roots. The British Geological website indicates the bedrock geology to be chalk from the Lewes nodular chalk formation, Seaford chalk formation and Newhaven chalk formation. The clay content within such soils is likely to be low, but the tree protection measures advocated in this report are still set at the highest level of current technical specifications.

5.0 Planning history

- 5.1 Planning consent was granted by Gravesham Borough Council on 29th November 2023. (Application Number: 20230136)
- 5.2 Condition 7 of that permission states that:

Tree Protection

Prior to the commencement of the development hereby approved (including demolition and all preparatory work), a scheme for the protection of the retained trees, in accordance with BS 5837:2012, including a tree protection plan(s) (TPP) and an arboricultural method statement (AMS) shall be submitted to and approved in writing by the Local Planning Authority.

Specific issues to be dealt with in the TPP and AMS:

- (a) Location and installation of services/ utilities/ drainage.
- (b) Methods of demolition within the root protection area (RPA as defined in BS 5837: 2012) of the retained trees.
- (c) Details of construction within the RPA or that may impact on the retained trees.

- (d) a full specification for the installation of boundary treatment works.
- (e) a full specification for the construction of any roads, parking areas and driveways, including details of the no-dig specification and extent of the areas of the roads, parking areas and driveways to be constructed using a no-dig specification. Details shall include relevant sections through them.
- (f) Detailed levels and cross-sections to show that the raised levels of surfacing, where the installation of no-dig surfacing within Root Protection Areas is proposed, demonstrating that they can be accommodated where they meet with any adjacent building damp proof courses.
- (g) A specification for protective fencing to safeguard trees during both demolition and construction phases and a plan indicating the alignment of the protective fencing
- (h) a specification for scaffolding and ground protection within tree protection zones.
- (i) Tree protection during construction indicated on a TPP and construction and construction activities clearly identified as prohibited in this area.
- (j) Details of site access, temporary parking, onsite welfare facilities, loading, unloading and storage of equipment, materials, fuels and waste as well concrete mixing and use of fires
- (k) Boundary treatments within the RPA
- (l) Methodology and detailed assessment of root pruning
- (m) Arboricultural supervision and inspection by a suitably qualified tree specialist
- (n) Reporting of inspection and supervision
- (o) Methods to improve the rooting environment for retained and proposed trees and landscaping

The development thereafter shall be implemented in strict accordance with the approved details.

Reason Required prior to commencement of development to satisfy the Local Planning Authority that the trees to be retained will not be damaged during demolition or construction and to protect and enhance the appearance and character of the site and locality, in accordance with Policies CS12 and CS19 of the Gravesham Local Plan Core Strategy (September 2014) and pursuant to section 197 of the Town and Country Planning Act 1990.

- 5.3 The contents of this report are intended to provide the information required by items 'm' and 'n' within Condition 7.

- 5.4 This scheme of arboricultural supervision should be read in conjunction with **The Mayhew Consultancy** Arboricultural report dated December 2022 (Ref: AR/117422) which was specifically commissioned to cover the proposed works and forms part of the planning application and consent for the site. All aspects of tree protection are detailed within the report. The arboricultural supervision detailed below, which will be in place during the construction phase, will ensure that these measures are adhered to.

6.0 Key Personnel

- 6.1 The following individuals and organisations are central to the delivery of the scheme and the arboricultural protection measures it requires:

6.1.1 **Main Contractor(s):** Elkins Construction

Contact Name: Billy Mould

Address: Unit 1a, Industrial Trading Estate, Juno Way SE14 5RW

Telephone: 020 8692 4960

6.1.2 **Site Agent:** Elkins Construction

Name: David Glisson

Address: Pearmain House, Worcester Close, Istead Rise, DA13 9LB

Telephone: 07766 626 670

Email: david.glisson@elkinsconstruction.co.uk

6.1.3 **Supervising arboriculturist:**

To be appointed

6.1.4 **Approved contractor for tree works:**

To be appointed.

7.0 Scheme of arboricultural supervision

7.1 The supervising arboriculturist

7.1.1 The supervising arboriculturist is yet to be appointed.

7.1.2 Arboricultural supervision will be predicated upon:

- **Communication**

Prior to commencement of works on site, key personnel and their individual responsibilities will be identified and their contact numbers recorded and circulated.

- **Induction**

An induction meeting will be held by the supervising arboriculturist with the site agent/foreman (See 7.2 below) where the scope of responsibilities will be discussed.

- **Awareness**

The supervising arboriculturist will ensure that the tree protection principles and their practice, *as they relate to this particular project*, are communicated to the site agent/foreman prior to the commencement of works – Reference will be made to the schematic plan at Appendix B within *The Mayhew Consultancy* arboricultural report - AR/117422.

7.2 Pre-commencement meeting

7.2.1 Prior to the commencement of works, a pre-commencement meeting will be held on site. Attendees shall include:

- The retained arboricultural consultant
- The site agent
- Any other individual or personnel responsible for the implementation of tree protection measures during the development phase.

7.3 Site visits – Timing and record keeping

7.3.1 The nature and frequency of the arboricultural supervision and the attendance of the supervising arboriculturist on site will be based upon the construction project timeline, which may in turn be modified by events actually occurring on site.

7.3.2 Formal timetabled visits will occur prior to commencement of works; following the erection of protective fencing; at times which co-ordinate with earthworks/digging which will place trees at greatest risk, and thereafter when deemed appropriate.

7.3.2 *In addition to the above*, site visits will occur as and when necessary (with or without prior warning) depending upon a particular phase of the works and any impact that may have on trees.

7.3.3 A written record of all site visits will be made and copies retained by the main contractor and the supervising arboriculturist.

7.3.4 The site agent will be able to contact the supervising arboriculturist at any time if any arboricultural matters arise that might need his attention or service.

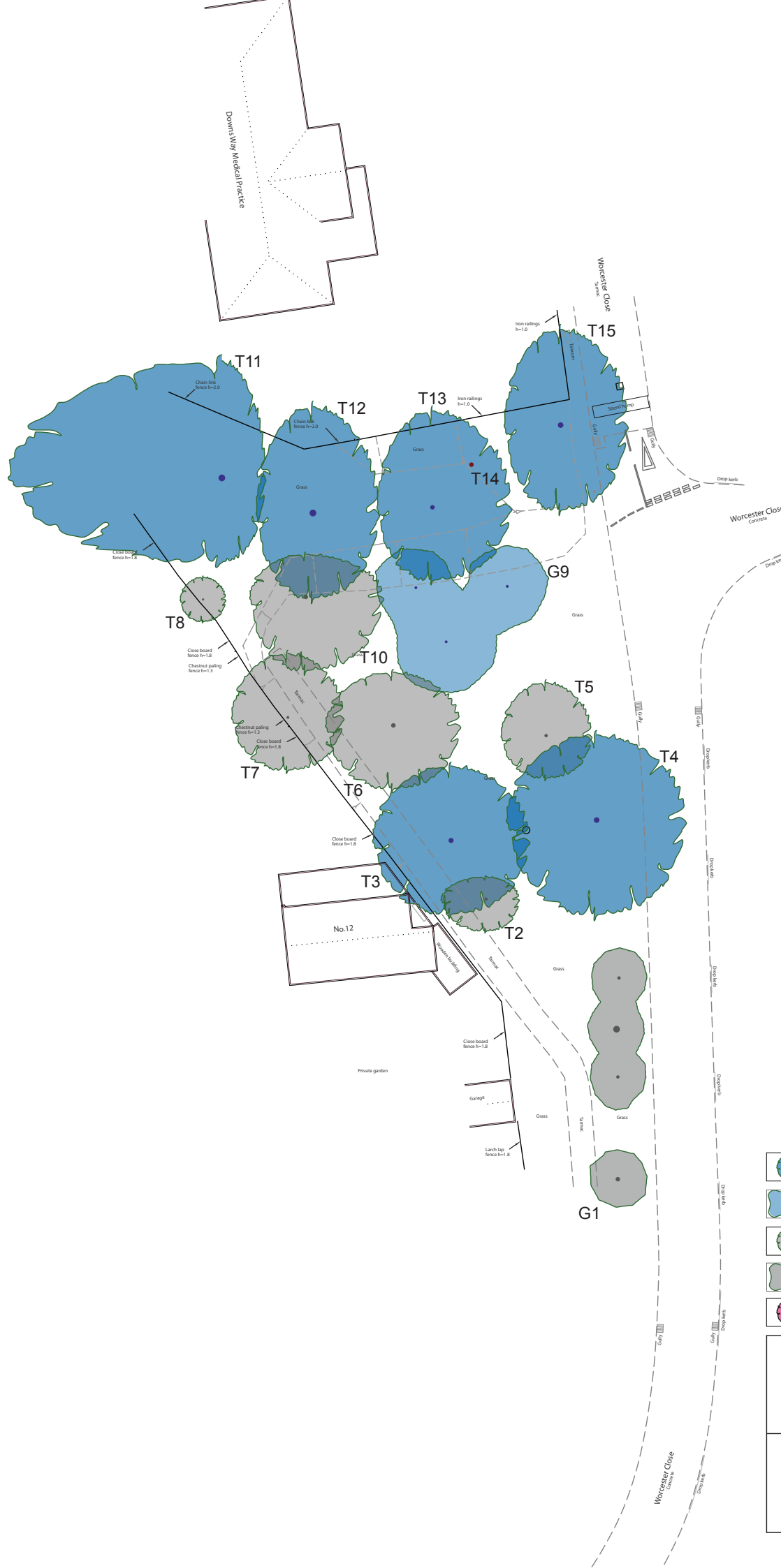
7.4 **Variations**

7.4.1 A Variation Notice will be issued where any modifications to tree protection measures and construction become necessary. The Notice will set out in writing the problem which led to the change, the modification subsequently required and a confirmation that the modification specified has been properly implemented.

7.4.2 Any variation will need to be agreed in writing by the Council before implementation.

7.5 **Incidents**

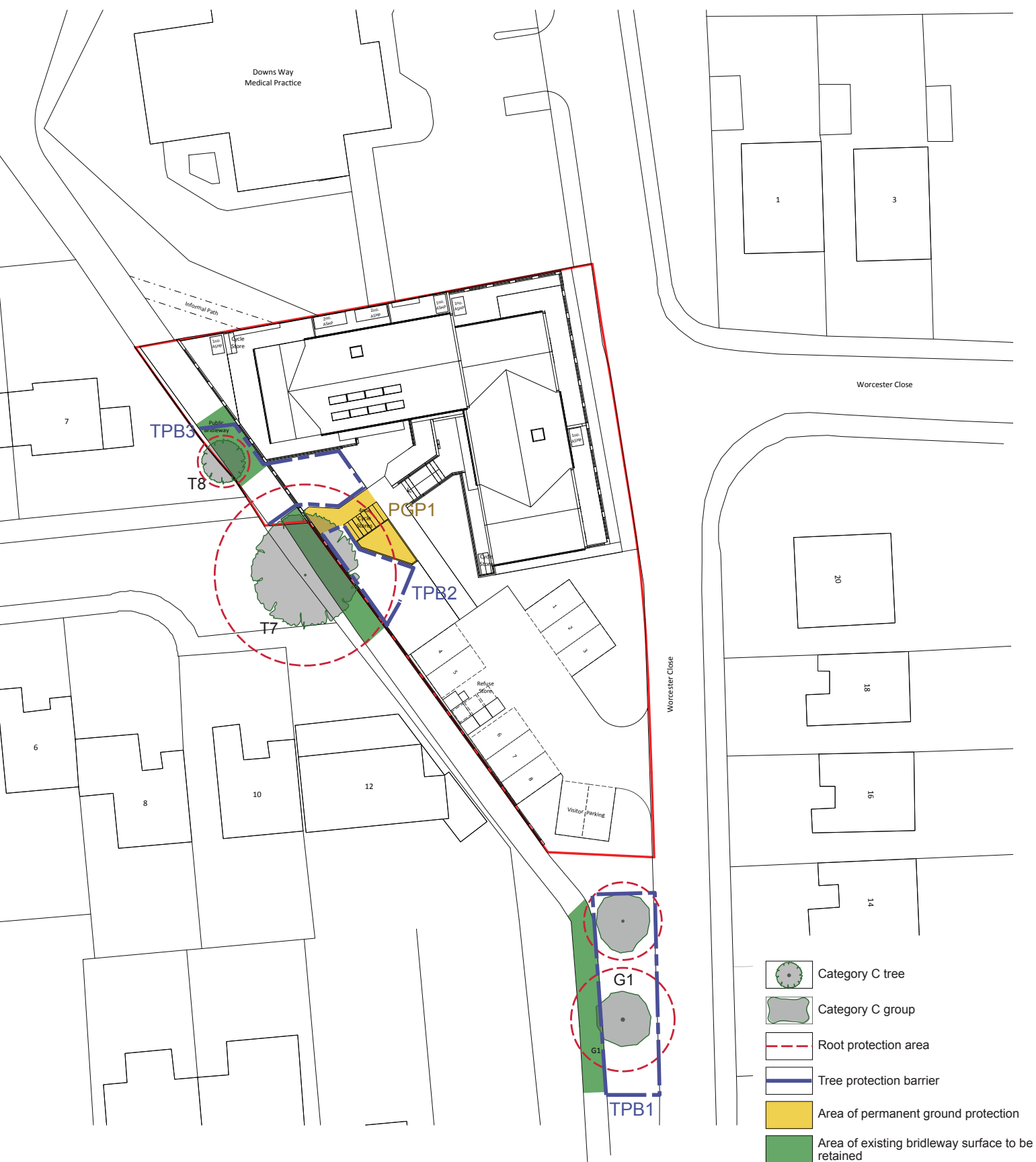
7.5.1 An Incident Notice will be issued if an unforeseen event occurs that compromises tree protection measures or damages a tree. This Notice will set out the written details of what has happened, the reasons for the occurrence, who is responsible, the remedial measures undertaken, the alteration of practices that will follow to avoid repetition and a confirmation that the incident has been properly closed.



-  Category B tree
-  Category B group/hedge/woodland
-  Category C tree
-  Category C group/hedge
-  Category U tree

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AR/117422 - Worcesters Close
 Gravesend
Existing Tree Plan
 December 2022
 Do not scale from drawing



-  Category C tree
-  Category C group
-  Root protection area
-  Tree protection barrier
-  Area of permanent ground protection
-  Area of existing bridleway surface to be retained

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AR/117422 - Worcester Close
 Gravesend
Tree Protection Plan
 December 2022
 Do not scale from drawing

Tree Survey – 11th August 2022

Tree No	Species	Ht.	Stem dia.	RPA Rad	RPA Area	Crown spread N – S – E - W				CB	Age class	Phy con	Str con	ECR	Class	Observations & recommendations
G1	Apple	<5	<60	7.2	163	As per plan				GL	M	G	F	M	C	Mature, multi-stemmed, roadside trees.
T2	Apple	4	30	3.6	41	2	3	3	4	GL	M	F	F	M	C	Established apple tree adjacent to path.
T3	Ash	15	45	5.4	92	7	7	7	7	3	SM	G	G	M	B	Established tree to rear (west) of green.
T4	Oak	15	50	6.0	113	8	9	8	8	2	SM	G	G	L	B	Good established tree. Prominent to road.
T5	Silver birch	14	30	3.6	41	5	4	4	4	2	SM	G	G	M	C	Established, but generally unexceptional silver birch tree.
T6	Ash	13	40	4.8	72	5	6	6	6	3	SM	G	G	M	C	Established, full crowned tree.
T7	Sycamore	7	25/25/20	8.4	222	6	5	5	5	2	SM	F	F	M	C	Self-set, multi-stemmed tree at base - on western boundary.
T8	Norway maple	6	20	2.4	18	2	2	2	2	2	Y	F	F	M	C	Small, unexceptional tree.
G9	Silver birch x3	<12	<25	3.0	28	As per plan				3	SM	G	G	M	B	Cohesive group within the central body of the green.
T10	Ash	11	40	4.8	72	4	7	7	5	2	SM	F	F	M	C	Established tree, but somewhat thin crowned.
T11	Norway maple	12	60	7.2	163	11	8	4	19	2	M	G	G	L	B	Good established tree.
T12	Norway maple	13	60	7.2	163	10	8	6	5	2	M	G	G	L	B	Good established tree on bank.

Tree No	Species	Ht.	Stem dia.	RPA Rad	RPA Area	Crown spread N – S – E - W				CB	Age class	Phy con	Str con	ECR	Class	Observations & recommendations
T13	Norway maple	7	40	4.8	72	9	7	7	5	2	SM	G	G	L	B	Good established semi-mature tree on bank.
T14	Dead fallen tree	-	-	-	-	As per plan				-	-	-	-	-	U	Dead fallen tree.
T15	Norway maple	11	50	6.0	113	9	8	6	5	2	SM	G	G	L	B	Good established tree – prominent to road .