



CLIENT: Cygnet Healthcare Ltd
SITE: Dove Valley Mews
DATE: 04/02/2025
JOB REF: J240603

Ground Control Limited
Kingfisher House
Radford Way, Billericay
Essex, CM12 0EQ

T: [REDACTED]
E: [REDACTED]
www.ground-control.co.uk

SUBJECT: Relocation of Three Category C *Betula utilis* 'Jacquemontii' under Arboricultural Supervision

1. Introduction

This memorandum outlines the process for relocating three Category C young *Betula utilis* 'Jacquemontii' (Himalayan Birch) trees (T1, T2 & T3) with a DBH (diameter at breast height) of 70mm. The relocation will be carried out under strict arboricultural supervision to ensure the trees' survival and establishment in their new location within G3.

Tree T3 is located within Woodland TPO reference 2, under tree reference number W1. This means that all trees growing naturally or planted within the designated woodland area are protected by the order. Formal permission from the local planning authority (LPA) is required before any work can be carried out.

2. Site Preparation & Relocation Plan

2.1 Digging and Lifting Process

Prior to excavation, the trees will be assessed by a qualified arboriculturist to determine the optimal digging approach and minimize root disturbance.

A root zone radius of approximately 350mm (five times the DBH) will be marked around each tree.

A trench will be carefully dug around the marked perimeter to a depth of 300-400mm, avoiding unnecessary damage to the root structure.

Soil around the roots will be preserved as much as possible to maintain root integrity.

The trees will be lifted using appropriate equipment (e.g., hand tools or mechanical lifting if required), ensuring minimal stress to the root ball.

Roots will be wrapped in hessian or damp material to prevent desiccation during transport.



2.2 Transport Considerations

Trees will be transported to the new site immediately after lifting to reduce exposure time.

Should mechanical means be implemented, the trees will be secured to prevent movement and damage to the root system, stem and crown.

The trees will be kept shaded and hydrated if any delay occurs between lifting and replanting.

3. Planting Specifications

3.1 Planting Hole Preparation

New planting holes will be prepared within G1 prior to tree relocation, ensuring they are at least twice the diameter and 1.5 times the depth of the root ball.

Well-draining soil will be used to prevent waterlogging.

The bottom of the hole will be loosened to promote root penetration.

3.2 Tree Positioning and Backfilling

Trees will be positioned at the same depth as their original planting site.

Backfill will be a mix of excavated soil and organic matter to improve soil structure and fertility.

The soil will be gently compacted in layers to remove air pockets while ensuring good root contact.

3.3 Staking and Support

Each tree will be secured with two stakes and a flexible tie to provide stability without restricting natural movement.

Stakes will be positioned outside the root zone to prevent root damage.

Ties will be checked regularly and adjusted as necessary to avoid girdling.

3.4 Watering and Aftercare

Trees will be watered immediately after planting and regularly thereafter, especially during dry periods.

A mulch layer of 50-75mm will be applied around the base to retain moisture and suppress weeds, ensuring it is kept clear of the stem to prevent rot.

Regular inspections will be carried out to monitor tree health, soil moisture levels, and potential pest or disease issues.

Any dead or damaged branches will be pruned as necessary under arboricultural guidance.

3.5 Planting Season Restriction

Planting must only take place during the designated planting season, from October to March, to maximise establishment and survival rates.

4. Arboricultural Supervision and Compliance

A qualified arboriculturist will oversee the entire process, ensuring adherence to best practices and providing necessary guidance at each stage.

The relocation will comply with BS 8545:2014 (Trees: from nursery to independence in the landscape) to maximise the chances of successful establishment.

A follow-up assessment will be scheduled after three, six, and twelve months to evaluate tree health and recommend any necessary interventions.

5. Conclusion

The relocation of these trees will be conducted with precision and care to minimise stress and promote successful establishment. Adherence to the outlined digging, transport, planting, and aftercare specifications under arboricultural supervision will ensure optimal survival rates and long-term tree health.

Matt Parkinson
TechArborA, LANTRA PTI

Arboricultural Consultant

References

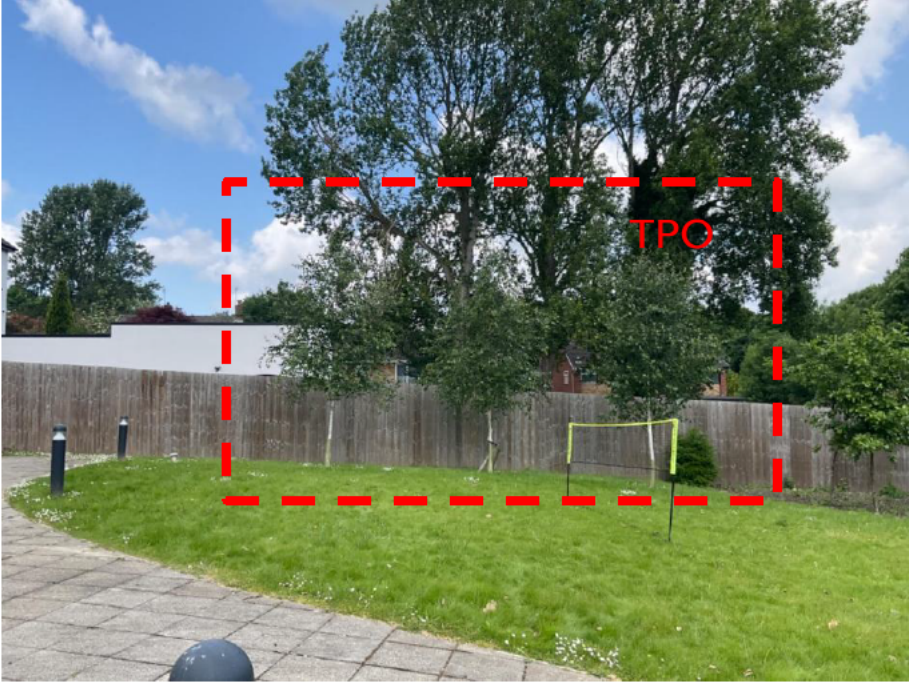
Appendix A – Photographs

Appendix B – Arboricultural Association Tree Planting Guide

Appendix C – Tree Removal and Protection Plan

Appendix A – Photographs

T1, T2 & T3 – Trees to be relocated



G3 – Relocation area





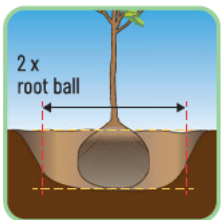
HOW TO PLANT A TREE

Always undertake work of this nature safely and responsibly, including taking all steps to ensure that you have permission from the landowner and are certain that no underground utilities are present.

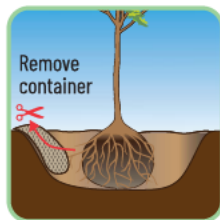
The hole for a new tree should be no deeper than the root ball/container, but approximately twice as wide.

Measure the depth of the hole against the depth of the root ball. It is very important to ensure that the final ground level around the stem matches the nursery line on the tree, which is where you can see the soil mark.

These principles apply whether planting bare-root, rootballed or container-grown trees.



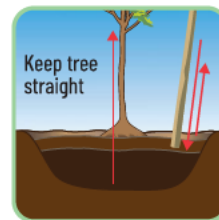
Dig a hole as deep as the root ball and twice as wide



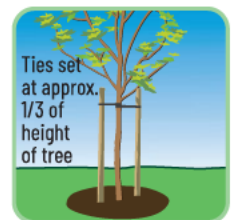
Remove any container or hessian



Consider formative pruning before setting in place



Backfill with removed soil, gently compact with stake or boot



Allow for wind movement with two stakes and rubber ties



Add a 1m wide circle of bark mulch, 5-10cm deep



UK planting season is October-March



Avoid planting deciduous trees when in leaf






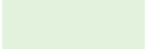



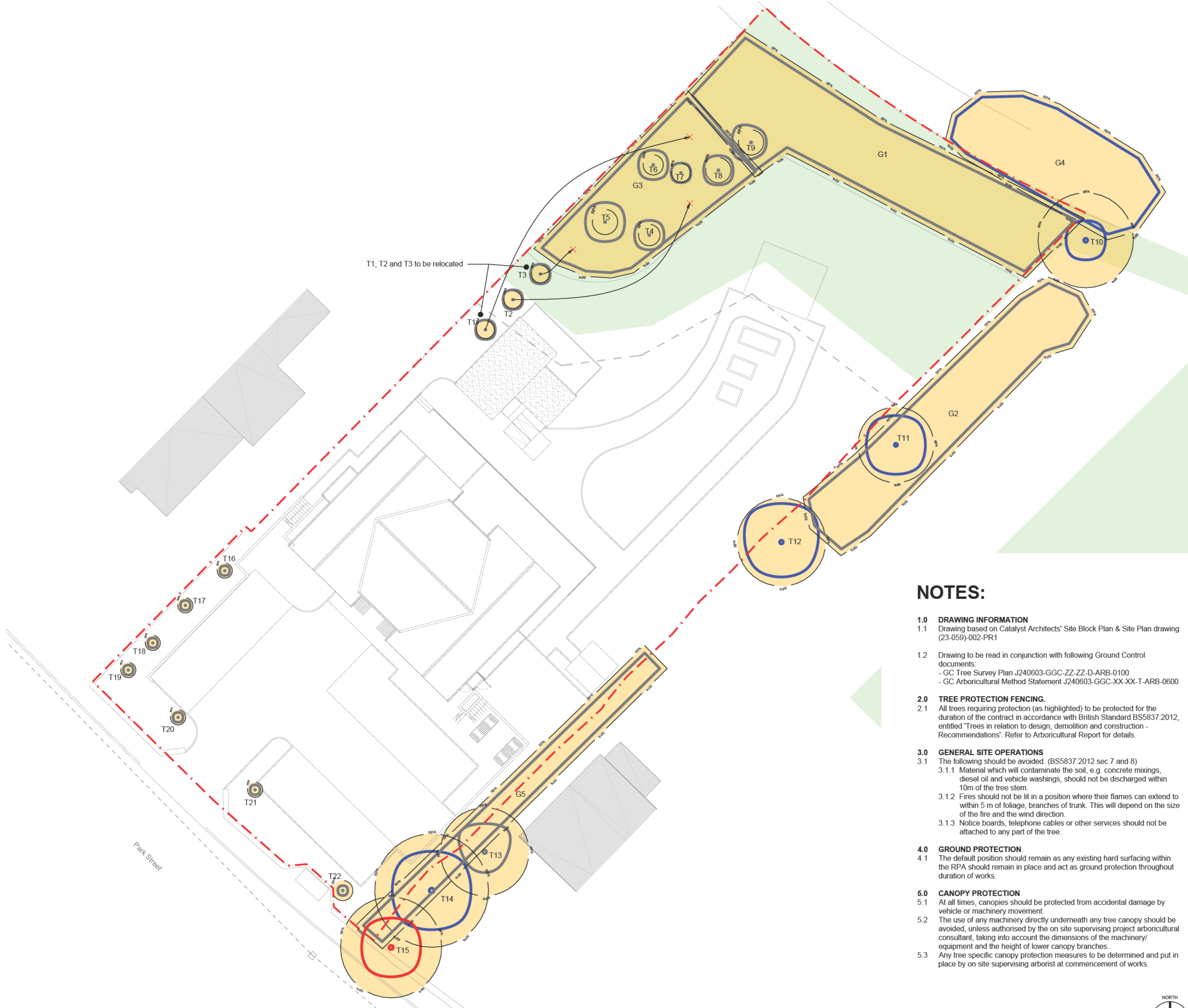
Always water your new tree

Always consult an arboricultural professional if in any doubt about tree care.

For further information, including an introductory guide to young tree establishment, visit trees.org.uk.

LEGEND:

-  Existing category 'B' trees & Tree Groups to be retained
-  Existing category 'C' trees & Tree Groups to be retained
-  Existing category 'U' trees to be retained
-  Construction Exclusion Zone (CEZ) within Root Protection Area (RPA)
-  Proposed location for existing trees to be relocated
-  Area indicating local 'Tree Preservation Order' (TPO) as per local authority drawings.
-  Site Boundary (Indicative)



NOTES:

- 1.0 DRAWING INFORMATION**
 - 1.1 Drawing based on Catalyst Architects' Site Block Plan & Site Plan drawing (23-059)-002-PR1
 - 1.2 Drawing to be read in conjunction with following Ground Control documents:
 - GC Tree Survey Plan J240603-GGC-ZZ-ZZ-D-ARB-0100
 - GC Arboricultural Method Statement J240603-GGC-XX-XX-T-ARB-0600
- 2.0 TREE PROTECTION FENCING.**
 - 2.1 All trees requiring protection (as highlighted) to be protected for the duration of the contract in accordance with British Standard BS5837:2012, entitled 'Trees in relation to design, demolition and construction - Recommendations'. Refer to Arboricultural Report for details.
- 3.0 GENERAL SITE OPERATIONS**
 - 3.1 The following should be avoided. (BS5837:2012 sec 7 and 8)
 - 3.1.1 Material which will contaminate the soil, e.g. concrete mixings, diesel oil and vehicle washings, should not be discharged within 10m of the tree stem.
 - 3.1.2 Fires should not be lit in a position where their flames can extend to within 5 m of foliage, branches of trunk. This will depend on the size of the fire and the wind direction.
 - 3.1.3 Notice boards, telephone cables or other services should not be attached to any part of the tree.
- 4.0 GROUND PROTECTION**
 - 4.1 The default position should remain as any existing hard surfacing within the RPA should remain in place and act as ground protection throughout duration of works.
- 5.0 CANOPY PROTECTION**
 - 5.1 At all times, canopies should be protected from accidental damage by vehicle or machinery movement.
 - 5.2 The use of any machinery directly underneath any tree canopy should be avoided, unless authorised by the on site supervising project arboricultural consultant, taking into account the dimensions of the machinery/equipment and the height of lower canopy branches.
 - 5.3 Any tree specific canopy protection measures to be determined and put in place by on site supervising arborist at commencement of works.

P02	T1, T2 and T3 changed to be relocated with in G3	04/02/2025	IH	MP
P01	1st issue	14/06/2024	IH	SS
Rev	Changes	Date	DR by	AP by



Ground Control Ltd., Kingfisher House, Radford Way, Billericay, Essex, CM12 0EQ
T: 01277 650 697 E: info@ground-control.co.uk www.ground-control.co.uk

Client
Cygnat Health

Project (Address)
Dove Valley Mews
S73 0HD

Drawing title
Tree Retention and Protection Plan

Drawing No.	J240603-GGC-ZZ-ZZ-D-ARB-0101	RIBA Stage	-	Status	-	Rev	P02
GC Project ID	J240603	Issue status	Planning				
Scale(s)	1:250 @ A2	1st Issue Date	14/06/2024	Drawn by	IH	Checked by	SS

- Notes:
1. © This drawing is the copyright of Ground Control Ltd and cannot be reproduced in any form without express consent of the company.
 2. Do not scale off this drawing. All written dimensions are to be checked on site prior to commencing works.
 3. All discrepancies, errors or omissions are to be reported for clarification before proceeding.

