

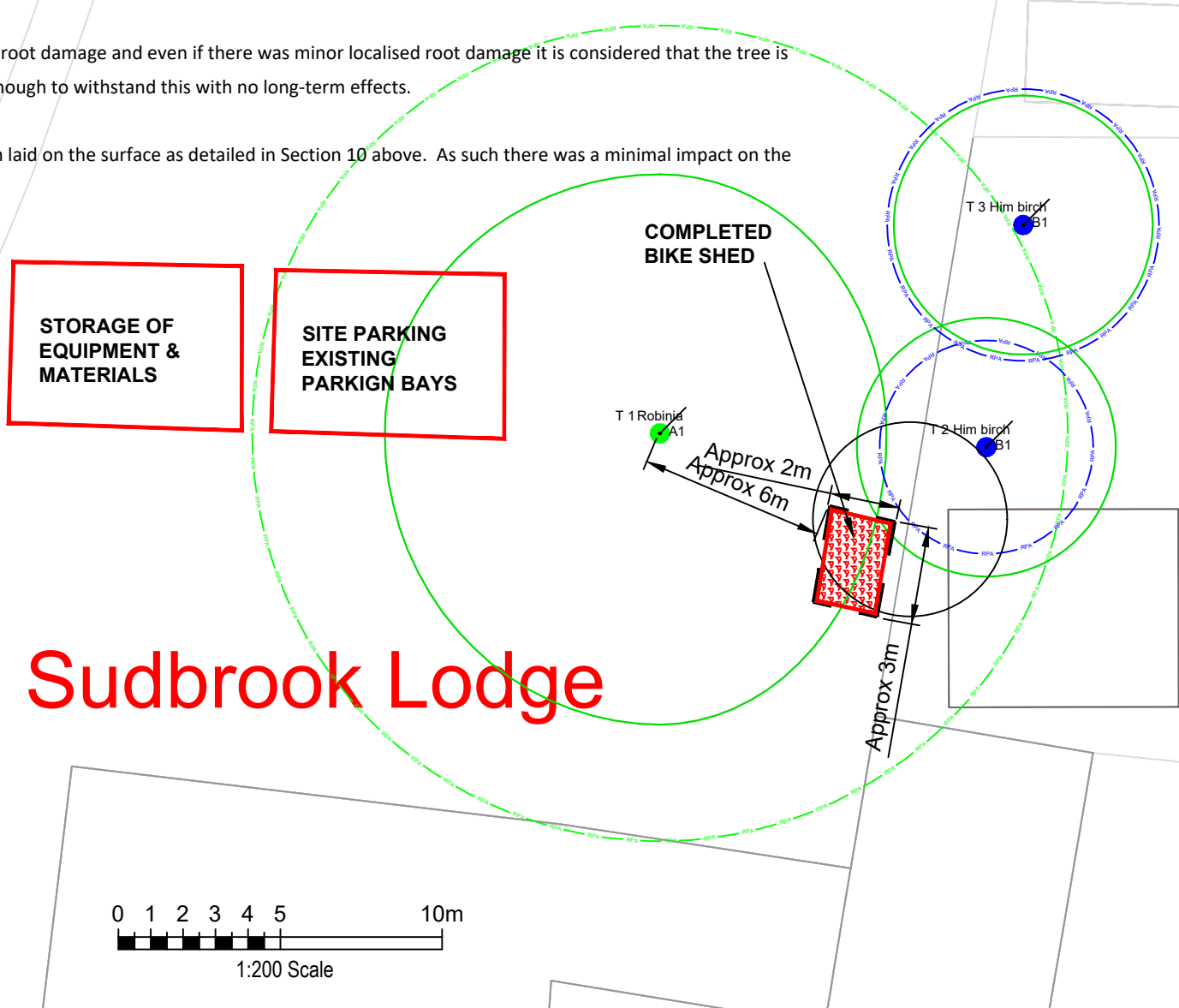
Tree Id No	Tree Species	Stem Diam (mm)	Stem No	Tree Hgt (m)	Ult Hgt (m)	Crown Height N, E, S, W (m)				FSB Hgt (m)	FS Dir	Life Stage	Life Exp	BS 5837 Cat Pre	Canopy Spread N, E, S, W (m)				Phys & Struct Condition	Comments	Recommended Work	RPA Annex D (m)	Re-inspection
T1	Robinia, Robinia pseudoacacia	1040	1	16	16	4	4	4	4	4	SW	M	20+	A1	8	7	9	8.5	P Good, S Good	Large tree covered by a TPO that has no significant defects. It has tight unions and included bark, characteristic of the species.	No Action recommended at this time (NAR).	12.6	3 yrs.
T2	Himalayan birch, Betula utilis	200, 100, 120, 50, 60	5	9	12	2	2	2	2	-	-	SM	20+	B1	4	4	4	4	P Good, S Fair	Tree is located in the adjacent property and was only inspected over the wall. It is a multi stemmed tree.	NAR	3.3	3 yrs.
T3	Himalayan birch, Betula utilis	120, 120, 120, 120, 120, 120	8	9	12	3	3	3	3	-	-	SM	20+	B1	4	4	4	4	P Good, S Fair	Tree is located in the adjacent property and was only inspected over the wall. It is a multi stemmed tree.	NAR	4.2	3 yrs.

10 Construction within the RPA (No-dig)

- 10.1 The entire footprint of the completed bike shed is within the RPA of T01 a Robinia. This was constructed using no-dig construction techniques, with the shallow pad foundation laid on top of the existing ground level see Image 6 to 8.
- 10.2 There would have been some localised compaction of the ground immediate underneath the slab to provide a solid base. This will have had a minimal impact on the tree T01, based on the distance for the tree, the no-dig construction techniques, the size of the foundation, and the relatively small amount of surface compaction.
- 10.3 Despite the lack of awareness of the need for ground protection measures the surrounding soil shows little sign of any compaction, indicating that the construction activity was largely limited to the existing footpath and the completed building footprint.
- 10.4 There is no evidence of any root damage and even if there was minor localised root damage it is considered that the tree is large enough and healthy enough to withstand this with no long-term effects.

11 Foundation Designs

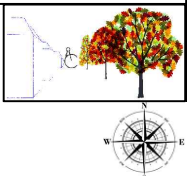
- 11.1 There was a slab foundation laid on the surface as detailed in Section 10 above. As such there was a minimal impact on the tree roots underneath.



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Notes:



Legend

- CATEGORY A TREE
- CATEGORY B TREE
- CATEGORY C TREE
- CATEGORY U TREE
- ROOT PROTECTION AREA (RPA) Coloured by Tree Category
- MODIFIED ROOT PROTECTION AREA (MRPA)
- CROWN SPREAD
- TREE TO BE REMOVED
- PROTECTIVE FENCING
- TEMPORARY GROUND PROTECTION
- "NO-DIG" CONSTRUCTION
- CEZ CONSTRUCTION EXCLUSION ZONE
- ◆ NEW TREE
- ▲ SOIL TEST
- ◐ SHADE (CURRENT)
- ◑ SHADE (FUTURE)
- LOW BRANCH DIRECTION
- HAND-DIG EXCAVATION

Client: Mr Tim Sleisinger
Project: Sudbrook Lodge, Petersham Road, Ham, TW10 5HA
Title: TREE CONSTRAINTS PLAN
TREE PROTECTION PLAN
Date: 11/09/21 Scale: 1:200 Original Paper Size: A3
Drawn: IST Checked: N/A Job Ref: AC.2021.455
Drawing Number: **TPP-01** Rev: **A**
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