











Tree protection plan
Location of trees, categorisation & protection/management proposals at Howson Terrace, Richmond Hill, Richmond

Barrell Plan Ref: 16303-BT3

Provided Plan Refs: 22926, M8764 ASK 007 Rev C & M8764 ASK 006 Rev D



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-  BS category B Trees of moderate quality
-  BS category C Trees of low quality
-  BS category U Trees unsuitable for retention
-  Proposed layout
-  Proposed basement layout
-  Protective barrier/fencing
-  Construction exclusion zone (CEZ)
-  Precautionary Areas
-  Root protection area (RPA) boundaries for category B trees
-  Root protection area (RPA) boundaries for category C trees

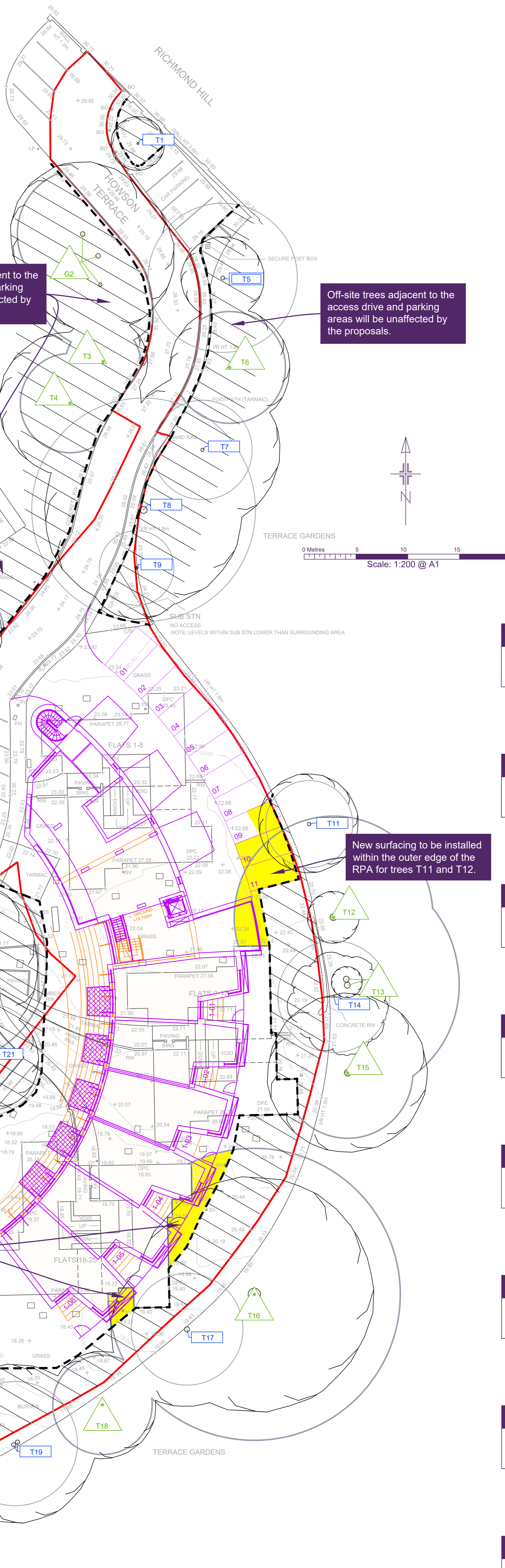
Off-site trees adjacent to the access drive and parking areas will be unaffected by the proposals.

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New surfacing to be installed within the outer edge of the RPA for trees T11 and T12.

Off-site trees adjacent to the access drive and parking areas will be unaffected by the proposals.

The RPA for T16 has been restricted by the existing building is shown as the grey line. The highlighted areas are the minor encroachments into the RPA for the new building. This represents a small incursion into the overall RPA for the tree, which is unrestricted in all other directions.



Tree schedule				
Tree No	Species	Category	RPA Radius	Tree Works
All retained trees				Carry out safety check and lift over site to 3-4m as necessary.
T1	Birch	C	2.4	-
G2	Sycamore	B	6.3	-
T3	Sycamore	B	3.6	-
T4	Sycamore	B	4.8	-
T5	Sycamore	U	7.2	-
T6	Yew	B	5.4	-
T7	Hornbeam	C	4.8	-
T8	Holm oak	C	10.8	Reduce crown by 8m
T9	Norway maple	C	3.6	-
T11	Swamp cypress	C	4.2	-
T12	Lombardy poplar	B	9.6	-
T13	Lombardy poplar	B	10.8	-
T14	Bay	C	5.4	-
T15	Norway maple	B	6.3	-
T16	Poplar	B	14.1	-
T17	Willow	C	5.4	-
T18	Elm	B	4.8	-
T19	Sycamore	C	6.0	-
G20	Varigated bay	C	1.8	-
T21	Cherry	C	5.4	-
T22	Horse chestnut	B	9.6	-
T23	Horse chestnut	C	7.5	-
T24	Birch	B	6.0	-

SGN 1 Monitoring tree protection

- Always:**
- ✓ have a pre-commencement meeting with the tree consultant before development starts
 - ✓ use the tree consultant to regularly check that protection remains fit for purpose
 - ✓ use the tree consultant to supervise work in RPAs
 - ✓ keep a written record of supervision



SGN 2 Fencing protected trees

- Always:**
- ✓ install protection before development starts
 - ✓ make sure protection is fit for purpose, i.e. it prevents damage to trees and soil
 - ✓ keep protection in place until there is no risk to trees
 - ✓ get written permission to move or remove any protection



SGN 4 Pollution control

- Always:**
- ✓ keep toxic products away from RPAs



SGN 5 Site cranes & piling rigs

- Always:**
- ✓ use the tree consultant to supervise work with cranes and piling rigs in RPAs



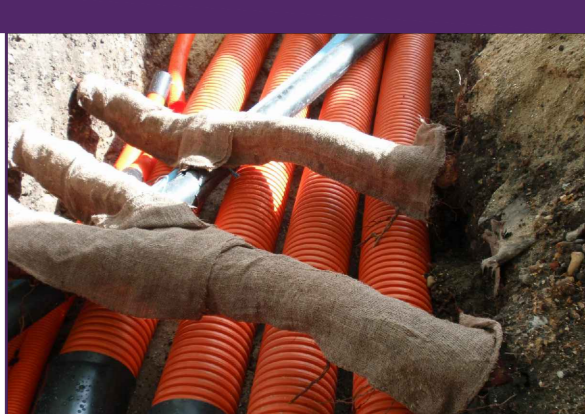
SGN 9 Installing/upgrading surfacing in RPAs

- Always:**
- ✓ use the tree consultant to supervise work in RPAs
 - ✓ minimise damage to roots and disturbance to soil in RPAs
 - ✓ minimise excavation when installing or upgrading surfacing in RPAs



SGN 11 Installing services in RPAs

- Always:**
- ✓ use the tree consultant to supervise work in RPAs
 - ✓ select the least damaging option when installing services, so prioritise trenchless, over broken trench over continuous trench
 - ✓ hand-dig trenches if trenchless is not feasible



SGN 12 Landscaping in RPAs

- Always:**
- ✓ use the tree consultant to supervise work in RPAs
 - ✓ avoid raising ground levels within 1m of the trunks of retained trees



How to use plan

More detailed guidance on each Site Guidance Note (SGN) can be found in a printed hard copy compilation of all the SGNs, **Manual for Managing Trees On Development Sites version 2.1**, issued to the Site Manager at the pre-commencement site meeting (Note: This should be retained on site throughout the duration of works). Additionally, an electronic pdf compilation of all the SGNs, was submitted with this drawing to the local planning authority and the client. Alternatively, a pdf of each SGN can be downloaded by:

1. clicking the image links in the electronic pdf version of this plan;
2. holding a mobile phone QR (Quick Response) code reader over the QR code in the paper version of this plan; or,
3. visiting our website at <https://www.barrelltreecare.co.uk/resources/technical-guidance>