

Tree protection plan

Location of trees, categorisation & protection/management proposals at Substation, Whittington Hospital, London,

Barrell Plan Ref: 20175-BT1

Provided Plan Refs: 6051 & 10007-00 Rev P02

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TREE CONSULTANCY

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TX

BS category A

Trees of high quality

TX

BS category B

Trees of moderate quality

TX

BS category C

Trees of low quality

TX

Trees to be removed

Proposed layout

Estimated tree positions not included on original land survey and/or adjusted crown spreads

Protective barrier/fencing

Construction exclusion zone (CEZ)

Construction exclusion zone protected by ground protection

Root protection area (RPA) boundaries for category A and B trees

Root protection area (RPA) boundaries for category C trees

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 3 Ground protection

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 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 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 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>

The main site plan illustrates the proposed UKPN Substation and its surroundings. Key features include:

- Buildings:** HIGHGATE MENTAL HEALTH CENTRE, BRICK BUILDING, and 1-57 LULOT GARDENS.
- Trees:** Labeled T1 through T11, with their respective protection areas (RPA) shown as green circles.
- Ground Protection:** Labeled G1 through G7, shown as red circles.
- Landscaping:** Labeled L1 through L4, shown as blue areas.
- Other Features:** Car Park, Proposed cut out room and Generator connection room, and various utility lines (water, sewer, gas, electricity).
- Scale and Orientation:** A north arrow and a scale bar (0 to 10 metres) are provided.

Annotations on the plan include:

- "Encroachment into the unadjusted root protection area of T5 and T6. However, the existing brick boundary wall will have prevented most roots from growing into the site."
- "Existing boundary wall will have prevented most tree roots from growing into the site."
- "Ground protection over existing soft landscaping area."

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.
G1	Birch	B	3.0	Fell
G2	Birch	C	1.2	Fell
G3	Acacia	B	6.6	-
G4	Rowan	B	3.0	-
T5	Acacia	B	5.4	-
T6	Ash	B	5.4	-
G7	Scots pine	C	1.8	-
T8	Lime	A	4.8	-
T9	Unknown	B	3.0	-
G10	Rowan, Scots pine	B	1.8	-
T11	Birch	A	3.6	-

Attention LPA Tree Officer - if you would like a 'to scale' printed version of this plan please contact us on 01425 651470 or email 'enquiries@barrelltreecare.co.uk'