Issue: Proposed drainage situated within the RPA of tree T01.
Solution: The drainage is to be excavated using manual techniques under arboricultural supervision. Where roots in excess of 25mm are encountered, these are to be retained at the discretion of the project arboriculturist by feeding the pipes between the roots where feasible.

Issue: Proposed extension situated minimally within the RPA of tree T01 with an incursion of 2%. The extension is a partial replacement of the existing side extension, which will likely have limited rooting activity in this area.
Solution: Foundations are to be excavated using manual techniques under arboricultural supervision without causing discernible impact to T01.

Issue: Proposed hard surfacing situated within RPA of tree T01.
Solution: Proposed surfacing to be designed in conjunction with an arboriculturist so that it can be constructed entirely above the existing soil level.

T01

T02

G01

41

45

ROAD EAST

LOUNGE

DINING

Indicative only

0m 1m 3m 5m 10m

Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	0
Groups / Hedges to be removed (Partial removal of groups)	0 (0)
Trees with proposed incursions into RPAs	1
Groups / Hedges with proposed incursions into RPAs	0
Trees that will require pruning	1
Groups / Hedges that will require pruning	0
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

No.	Species	Proposed structure	Incursion
T01	Honey Locust	Extension	RPA
T01	Honey Locust	Hard Surfacing	RPA
T01	Honey Locust	Drainage	RPA

Arboricultural Impacts - RPAs (Area)

No.	Species	RPA (m²)	Incursion (m²)	(%)
T01	Honey Locust	122.3	2.5	2.0
T01	Honey Locust	122.3	3.9	3.2

Tree Work Schedule

No.	Species	Works	Category
T01	Honey Locust	Prune: crown lift the periphery of the southern crown to 9m above ground level.	B1

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.
All arising's are to be removed and the site is to be left as found.
Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

'No Dig' Surfacing

Trees can be affect by construction within the RPAs either through the direct damage caused by the removal of roots, compaction of the rooting environment or secondary damage such as poisoning through leaks and spills (oils, fuels, etc.) or through de-icing (road salt, etc.).

Proposed hard surfacing within the RPAs of retained trees is to be designed so that it can be situated above the existing soil level and to minimise any adverse impact upon the tree RPAs, as the use of traditional foundations can result in excessive root loss through direct removal of roots during excavation, as such an excavated type of foundation should be avoided.

Utility apparatus

Underground utility apparatus
Mechanical trenching for the installation of underground apparatus and drainage severs any roots present and can change the local hydrology in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the rout and methods of installation of all underground apparatus. Wherever possible, apparatus should be routed outside of RPAs. Where this is not possible, it is preferable to keep apparatus together in common ducts, all inspection chambers should be sited outside of the RPAs.
Where underground apparatus is to pass within the RPAs, detailed plans showing the proposed route should be drawn up in conjunction with the project arboriculturist. In such cases trenchless insertion methods should be used with entry and retrieval pits being located outside of the RPAs. If this option is not feasible and providing roots can be retained and protected excavations should be undertaken using hand held tools (air-spade, forks, shovels) or a combination of trenchless and manual excavation (broken trench).
Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).
Above-ground utility apparatus
Above-ground apparatus(including CCTV cameras and lighting) should be sited to avoid the need for detrimental tree pruning, as such the current and future crown size of the tree should be assessed.
Tree branches can be pruned back with care to provide space, though it is not appropriate for repetitive and significant tree work to bean initial design solution unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS3998:2010

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard Please refer to Arbtech Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan, for full details of all surveyed trees and how all aspects of the development maybe implemented without detriment to retained trees.

arbtech

Unit 3, Well House Barns, Chester, CH4 0DH
https://arbtech.co.uk, 01244 661170

Project:
41 York Rd East,
Middleton,
Rochdale,
M24 1RJ

Client:
Charlotte Murray

Drawing:
Arboricultural Impact Assessment

Based on:
24-03-01 - 02

Drawing No:
Arbtech AIA 01

Rev:

Date:
June 2024

Scale:
1:50 @ A0

Drawn:
EK

Key:

Tree Nos.: T01 | Tree Canopies: | Trunks:
RPAs: | Category 'B' trees: | Category 'B' groups:
Category 'C' trees: | Existing Site (OS tile): | Proposed Site:
Incursion - Structures: | Incursion - Hard surfacing: | Incursion - Services:

All dimensions shown are measured and should not be scaled from this drawing.
Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.
This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.
This drawing is not to be read as a definitive part of the engineering or construction designs or method statement for the development. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.
The drawing was produced in colour - a monochrome copy should not be relied upon.

© Arbtech Consulting Ltd, 2024