Utility apparatus

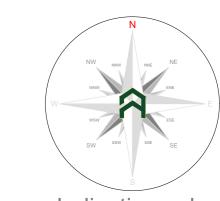
Underground utility apparatus

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 Impacts Groups / Hedges to be removed (Partial removal of groups) Trees with proposed incursions into RPAs Groups / Hedges with proposed incursions into RPAs Trees that will require pruning Groups / Hedges that will require pruning Trees to be transplanted Groups / Hedges to be transplanted Indicative only

No.	Species	Proposed structure	Incursion
T03	Common Alder	2.4m palisade fencing	RPA
T05	Common Ash	2.4m palisade fencing	RPA
T06	Common Ash	2.4m palisade fencing	RPA
T07	Common Ash	2.4m palisade fencing	RPA
T08	Norway Maple	2.4m palisade fencing	RPA
T13	Common Alder	2.4m palisade fencing	RPA
T14	Cherry	2.4m palisade fencing	RPA
T21	Common Alder	2.4m palisade fencing	RPA
T22	Common Alder	2.4m palisade fencing	RPA
T23	Common Alder	2.4m palisade fencing	RPA
T24	Norway Maple	2.4m palisade fencing	RPA
T25	Norway Maple	2.4m palisade fencing	RPA
T26	Norway Maple	2.4m palisade fencing	RPA
T27	Bird Cherry	2.4m palisade fencing	RPA
T28	Common Alder	2.4m palisade fencing	RPA
T29	Norway Maple	2.4m palisade fencing	RPA
T35	Common Oak	2.4m palisade fencing	RPA
G02	A Group	2.4m palisade fencing	RPA
G06	A Group	2.4m palisade fencing	RPA

No.	Species	RPA	Incu	rsion
		(m²)	(m²)	(%
T03	Common Alder	40.7	Negligible	0.0
T05	Common Ash	11.6	Negligible	0.0
T06	Common Ash	10.2	Negligible	0.0
T07	Common Ash	7.6	Negligible	0.0
T08	Norway Maple	28.3	Negligible	0.0
T13	Common Alder	40.7	Negligible	0.0
T14	Cherry	55.4	Negligible	0.0
T21	Common Alder	38.0	Negligible	0.0
T22	Common Alder	65.3	Negligible	0.0
T23	Common Alder	43.5	Negligible	0.0
T24	Norway Maple	30.6	Negligible	0.0
T25	Norway Maple	26.1	Negligible	0.0
T26	Norway Maple	28.3	Negligible	0.0
T27	Bird Cherry	14.7	Negligible	0.0
T28	Common Alder	79.8	Negligible	0.0
T29	Norway Maple	46.3	Negligible	0.0
T35	Common Oak	707.0	Negligible	0.0
G02	A Group	21.9	Negligible	0.0
G06	A Group	33.0	Negligible	0.0

No.	Species	Works	Catego
T01	Crack Willow	Prune; crown lift south crown to 4m above access road	C1
T08	Norway Maple	Prune; crown lift south crown to 3m above ground level to facilitate the proposed	B1
T09	Common Ash	Fell to ground level, remove stump	C1
T10	Common Ash	Fell to ground level, remove stump	C1
T11	Common Ash	Fell to ground level, remove stump	C1
T12	Common Alder	Prune; crown lift south crown to 3m above ground level to facilitate the proposed fence	B1
T13	Common Alder	Prune; crown lift south crown to 3m above ground level to facilitate the proposed	B1
T15	Common Ash	Fell to ground level, remove stump	C1
T16	Common Ash	Fell to ground level, remove stump	C1
T17	Common Ash	Fell to ground level, remove stump	C1
T18	Common Ash	Fell to ground level, remove stump	C1
T19	Common Ash	Fell to ground level, remove stump	C1
T20	Common Ash	Fell to ground level, remove stump	C1
T23	Common Alder	Prune; crown lift south crown to 3m above ground level to facilitate the proposed fence	B1
T27	Bird Cherry	Prune; crown lift south crown to 3m above ground level to facilitate the proposed fence	B1
T30	Norway Maple	Prune; south west crown to achieve 2m clearance from building to be demolished	B1
T31	Norway Maple	Prune; south west crown to achieve 2m clearance from building to be demolished	B1
G02	A Group	Prune; crown lift to 3m above ground level to facilitate the proposed fence.	B2
G03	A Group	Prune; crown lift to 3m above ground level to facilitate the proposed fence.	C2
G06	A Group	Prune; overhanging branches to facilitate the proposed fence	B2

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. of individual trees to be removed

U	Α	В	С		
0	0	0	9		
No. of groups / hedges to be removed					
U	A	В	С		
0 (0)	0 (0)	0 (0)	0 (0)		
() = Partial removal of a groups					

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.



UYS Building, Garsington Road,

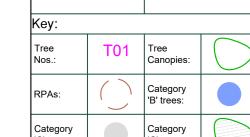
Oxfordshire, OX4 2BW

Charterhouse Property Group (Oxford)

Arboricultural Impact Assessment

240304_UYS_Site_Proposed

Drawing No: Arbtech AIA 01		
Date:	Scale:	
Mar 2024	1:400 @ A0	



10m 20m 30m 40m 50m

All dimensions should be checked on site. No dimensions are to be scaled from this drawing.
Please notify us of any discrepancies found. Arbitect 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.

