

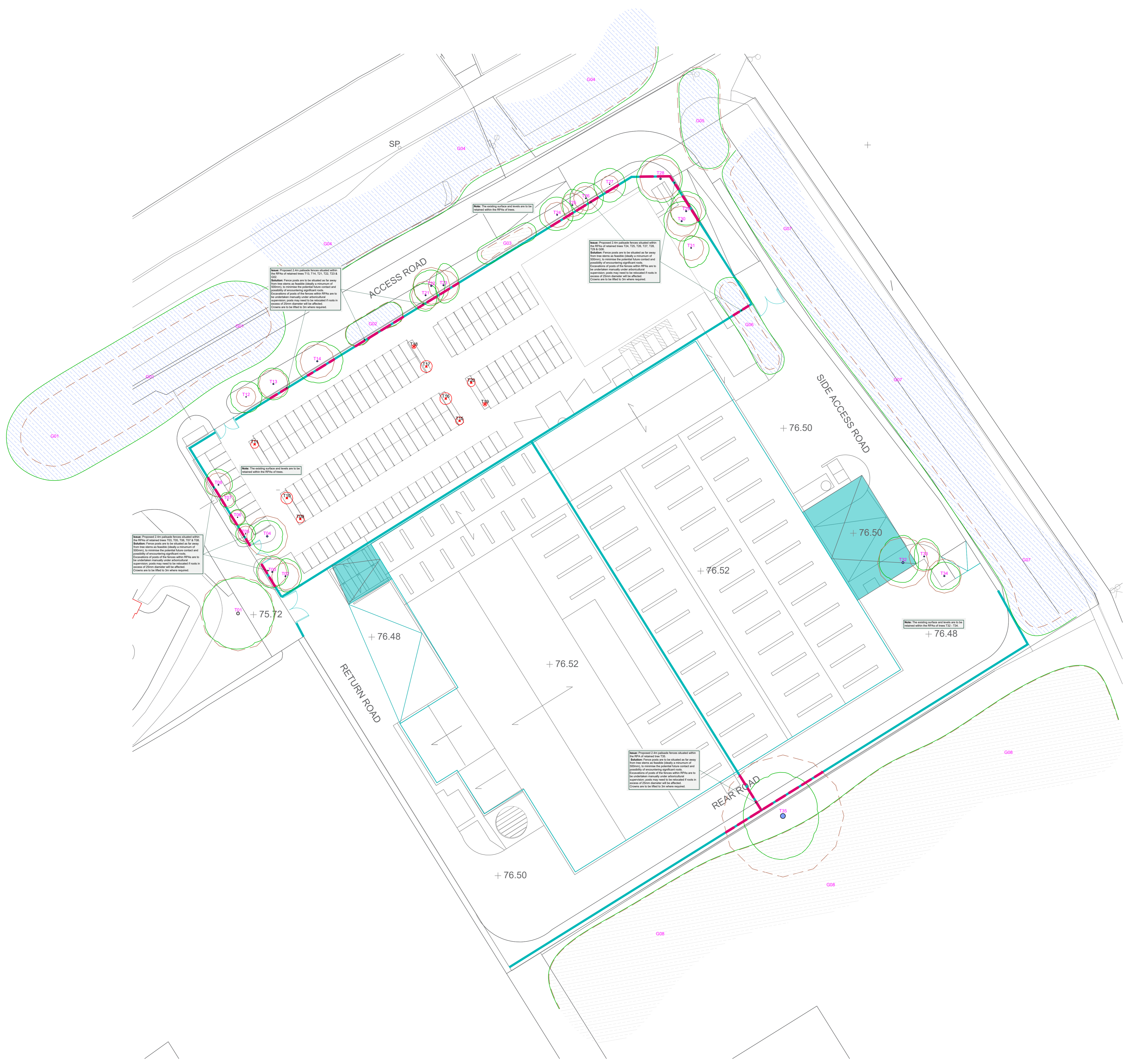
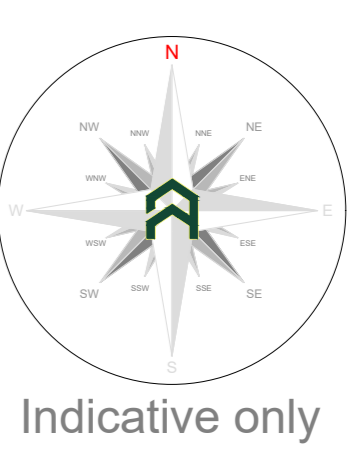
Utility apparatus

Underground utility apparatus
Mechanical trenching for the installation of underground apparatus and drainage sewers 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 root and methods of installation, of all underground apparatus. Whenever possible, apparatus should be routed outside of RPA's. Where this is not possible, it is preferable to keep apparatus together in common ducts, all inspection chambers should be sited outside of the RPA's.

Where underground apparatus is to pass within the RPA's, 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 RPA's. If this option is not feasible and providing roots can be retained and protected excavations should be undertaken using hand held tools (air-gauge, force, shovel) or a combination of trenchless and manual excavation (broken branch).

Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NUJUG).

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 be an 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		
Impacts	No. of trees	
Trees to be removed	9	
Trees to be retained	17	
Trees with proposed measures in RPA's	17	
Groups / Hedges with proposed measures in RPA's	2	
Trees that will require pruning	6	
Trees that will require planting	3	
Trees to be transplanted	0	
Groups / Hedges to be transplanted	0	

No.	Species	Proposed structure	Incurison
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
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
T30	Norway Maple	2.4m palisade fencing	RPA
T31	Common Oak	2.4m palisade fencing	RPA
G02	A Group	2.4m palisade fencing	RPA
G08	A Group	2.4m palisade fencing	RPA

Arboricultural Impacts - RPA's (Area)				
No.	Species	RPA (m ²)	Incurison (m ²)	
T03	Common Alder	40.7	Hedge/line	0.0
T05	Common Ash	11.6	Hedge/line	0.0
T06	Common Ash	10.2	Hedge/line	0.0
T07	Common Ash	7.6	Hedge/line	0.0
T08	Norway Maple	28.3	Hedge/line	0.0
T13	Common Alder	40.7	Hedge/line	0.0
T14	Cherry	55.4	Hedge/line	0.0
T21	Common Alder	38.0	Hedge/line	0.0
T22	Common Alder	65.3	Hedge/line	0.0
T24	Norway Maple	30.6	Hedge/line	0.0
T25	Norway Maple	25.1	Hedge/line	0.0
T26	Norway Maple	28.3	Hedge/line	0.0
T27	Bird Cherry	44.7	Hedge/line	0.0
T28	Common Alder	78.8	Hedge/line	0.0
T29	Norway Maple	49.3	Hedge/line	0.0
T30	Common Oak	307.0	Hedge/line	0.0
G02	A Group	21.9	Hedge/line	0.0
G08	A Group	33.0	Hedge/line	0.0

Tree Work Schedule				
No.	Species	Work	Category	
T01	Creek Willow	Prune crown 18' south crown to 3m above ground level to facilitate the proposed	B1	
T06	Norway Maple	Prune crown 18' south crown to 3m above ground level to facilitate the proposed	B1	
T08	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 18' south crown to 3m above ground level to facilitate the proposed	B1	
T13	Common Alder	Prune crown 18' 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 18' south crown to 3m above ground level to facilitate the proposed	B1	
T27	Bird Cherry	Prune crown 18' south crown to 3m above ground level to facilitate the proposed	B1	
T30	Norway Maple	Prune crown 18' south crown to 3m above ground level to facilitate the proposed	B1	
T31	Norway Maple	Prune crown 18' south crown to 3m above ground level to facilitate the proposed	B1	
G02	A Group	Prune crown 18' to 3m above ground level to facilitate the proposed	B2	
G03	A Group	Prune crown 18' to 3m above ground level to facilitate the proposed	C2	
G08	A Group	Prune crown 18' to 3m above ground level to facilitate the proposed	B2	

No. of individual trees to be removed				
U	A	B	C	
0	0	0	0	0

No. of groups / hedges to be removed				
U	A	B	C	
0	0	0	0	0

Arboricultural Method Statement

All tree work to be undertaken in accordance with British Standard BS 3998:2010 Tree Work - Recommendations.

Plans are to be undertaken in accordance with the British Standard BS 3998:2010 Tree Work - Recommendations.

Plans are to be undertaken in accordance with the British Standard BS 3998:2010 Tree Work - Recommendations.

Plans are to be undertaken in accordance with the British Standard BS 3998:2010 Tree Work - Recommendations.

Plans are to be undertaken in accordance with the British Standard BS 3998:2010 Tree Work - Recommendations.



Project: UYS Building, Garsington Road, Cowley, Oxfordshire, OX4 2BW

Client: Charterhouse Property Group (Oxford) Ltd

Drawing: Arboricultural Impact Assessment

Based on: 240304_UYS_Site_Proposed

Drawing No: Arbtech AIA 01

Date: Mar 2024

Scale: 1:400 @ A0

Drawn: EK

Tree No.	Tree Category	Work	Category
T01	Tree Category	Work	Category
RPA's	Category	Work	Category
Category	Category	Work	Category
Existing Site (OG Ms)	Proposed Site	Work	Category

