



Semi-mature Ash
Ht: 6m
Dia: 15cm

Mixed shrubs and young saplings
including: Laurel, Maple and Privet

Goat willow
Ht: 4.5m
Dia: 15cm

Drawing No: CCL 12357 / TCP Rev: 1
 Title: Tree Constraints Plan (Existing Layout)
 Site: Salamander Quay UB9 6NZ
 Scale: 1:300 Paper Size: A1



Tree Retention Categories
 Stems & canopies shown

- Category A tree
- Category B tree
- Category C tree
- Category U tree

○ Trees of high quality with an estimated life expectancy of 40+ years. Usually large trees with significant presence or smaller trees with excellent form. Retention of these trees is highly desirable.

○ Trees of moderate quality with a life expectancy of 20+ years. Usually maturing trees, or younger trees with good form. Retention of these trees is desirable though less than Category A trees.

○ Unremarkable trees of low quality and merit. Individual specimens are not considered to be a material planning consideration.

○ Trees unsuitable for retention due to their very poor condition.

Tree Constraints Plan

Status: Final

 BS 5837 Root Protection Area (radius = 1x stem diameter)

 Root Protection Area needing amendment due to site conditions, e.g. presence of existing road or building.

 Root Protection Area having been amended to account for site conditions

T1 = Tree No 1 G2 = Group No 2 H3 = Hedge No 3

Photo 1

MN = Measured North:
 Canopy spreads are sometimes measured to an approximate N defined by site features. Often more accurate, especially where rows of trees are not aligned N-S or E-W.

Tree Ref.	Species	Height (m)	Root Protection Area	
			Radius (m)	Square (m ²)
T001	Crab Apple	10	3.5	8.4
T002	Crab Apple	10	3.2	5.7
T003	Norway Maple	13	5.8	10.2
T004	Field Maple	5.5	2.5	4.4
T005	Norway Maple	11	3.4	6.0
T006	Norway Maple	15	4.2	7.4
T007	Norway Maple	15	3.5	6.2
G008	Field Maple	15	3.6	6.4
G009	Field Maple	16	4.2	7.4
G010	Field Maple	16	2.1	3.8
T011	Field Maple	6	1.8	3.2
T012	Sycamore	10	4.8	8.5
T013	Sycamore	8.5	4.2	7.4
T014	Sycamore	8.5	2.7	4.8



Drawing No: CCL 12357 / IAP Rev:1
 Title: Impact Assessment Plan
 Site: Salamander Quay UB9 6NZ
 Scale: 1:300 Paper Size: A1



Tree Retention Categories		Stems & canopies shown	
	Category A tree		Trees of high quality with an estimated life expectancy of 40+ years. Usually large trees with significant presence or smaller trees with excellent form. Retention of these trees is highly desirable.
	Category B tree		Trees of moderate quality with a life expectancy of 20+ years. Usually maturing trees or younger trees with good form. Retention of these trees is desirable though less than Category A trees.
	Category C tree		Unremarkable trees of low quality and merit. Individual specimens are not considered to be a material planning consideration.
	Category U tree		Trees unsuitable for retention due to their very poor condition.

Impact Assessment Plan

Status: Final - for submission

	B5 s37 Root Protection Area (radius = 1xstem diameter)
	Root Protection Area needing amendment due to site conditions, e.g. presence of existing road or building.
	Root Protection Area having been amended to account for site conditions
T1 = Tree No 1	G2 = Group No 2 H3 = Hedge No 3

Tree to be removed to facilitate the proposal
 Tree to be removed due to its low quality
 Proposed pruning

MN = Measured North:
 Canopy spreads are sometimes measured to an approximate N defined by site features. Often more accurate, especially where rows of trees are not aligned N/S or E/W.

Tree Ref.	Species	Height (m)	Root Protection Area	
			Radius (m)	Square (m)
T001	Crab Apple	10	3.5	41
T002	Crab Apple	10	3.2	33
T003	Norway Maple	13	5.8	104
T004	Field Maple	5.5	2.5	20
T005	Norway Maple	11	3.4	35
T006	Norway Maple	15	4.2	55
T007	Norway Maple	15	3.5	38
G008	Field Maple	15	3.6	41
G009	Field Maple	16	4.2	55
G010	Field Maple	16	2.1	14
T011	Field Maple	6	1.8	10
T012	Sycamore	10	4.8	72
T013	Sycamore	8.5	4.2	55
T014	Sycamore	8.5	2.7	23

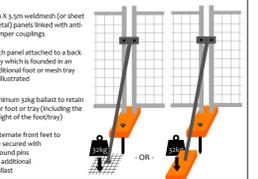


Tree Protection Plan

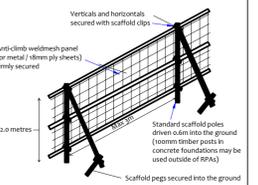
Tree Protection Barriers:

	Fixed protective barrier: The 'In-Ground System' or the 'Backstay System'. To remain in place for all construction activity.		Ground Protection Measures Required: Stem protected to a height of 2.5m with thick cloth & wire. Tree Protection Boxing: 1.2 x 1.2 x 2.4m high 25mm plywood.
	Moveable protective barrier: The 'Backstay System'. To remain in place except when approved works are being undertaken in the Restricted Zone.		Orange Barrier Mesh: Fencing, 1.8m, on steel fencing posts and wooden posts. To remain in place throughout all construction activity.

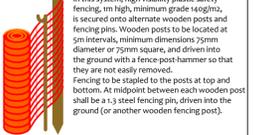
The 'Back Stay System'



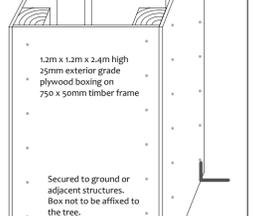
The 'In-Ground' System



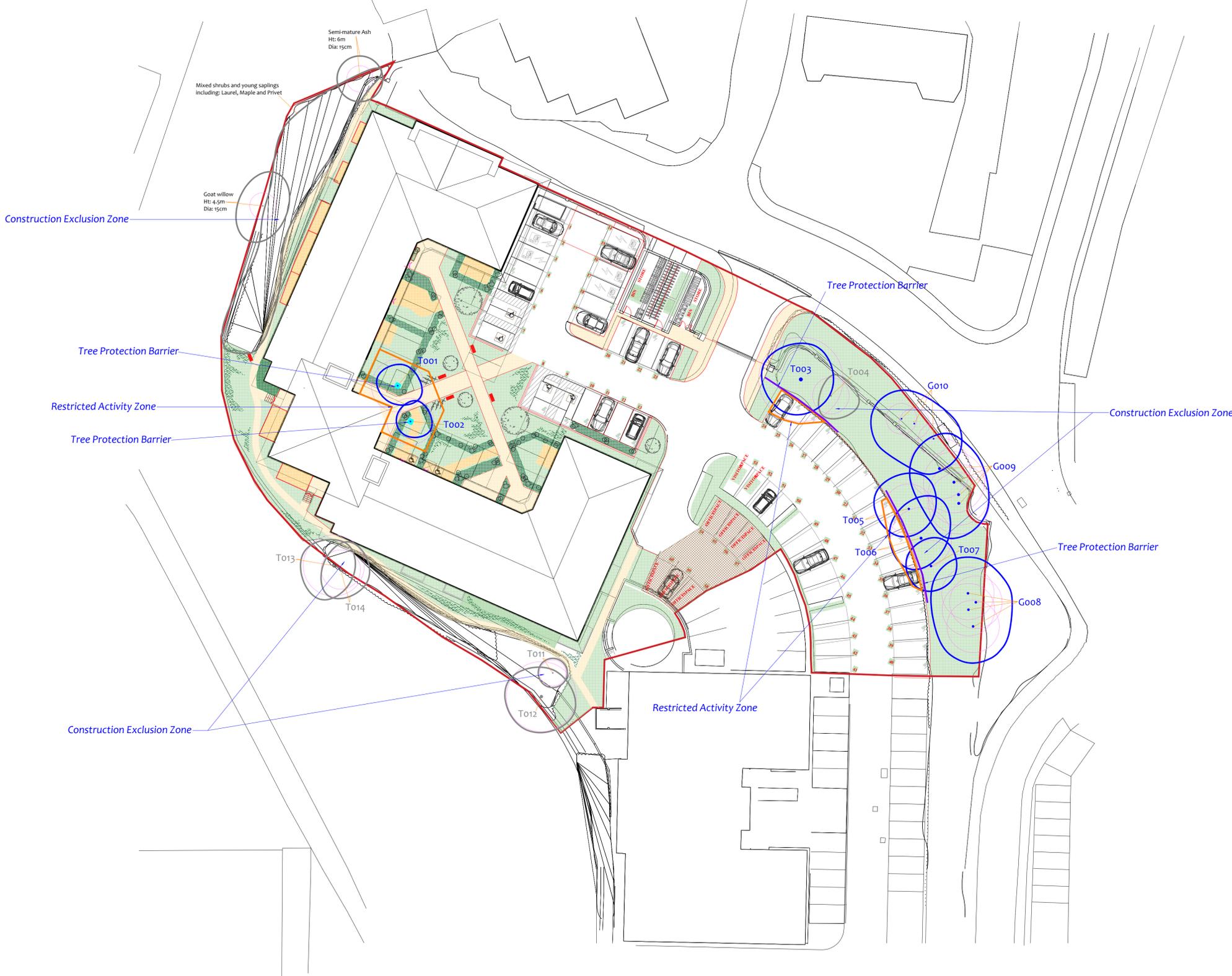
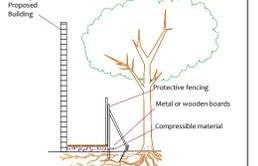
The Barrier Mesh System



Tree Protection Plywood Boxes (indicated by a 1mm turquoise line)



Ground Protection suitable for Pedestrian Activity



Drawing No: CCL 12357 / TPP Rev 1
 Title: Tree Protection Plan (Existing Layout with Proposals Overlaid)
 Site: Salamander Quay UB9 6NZ
 Scale: 1:300 Paper Size: A1



Tree Retention Categories	
	Category A tree
	Category B tree
	Category C tree
	Category U tree

Trees of high quality with an estimated life expectancy of 40+ years. Usually large trees with significant presence or smaller trees with excellent form. Retention of these trees is highly desirable.

Trees of moderate quality with a life expectancy of 30+ years. Usually maturing trees, or younger trees with good form. Retention of these trees is desirable though less than Category A trees.

Unremarkable trees of low quality and merit. Individual specimens are not considered to be a material planning consideration.

Trees unsuitable for retention due to their very poor condition.

Tree Protection Plan

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	Tree to be removed due to its low quality
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			Radius (m)	Area (sqm)	
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