
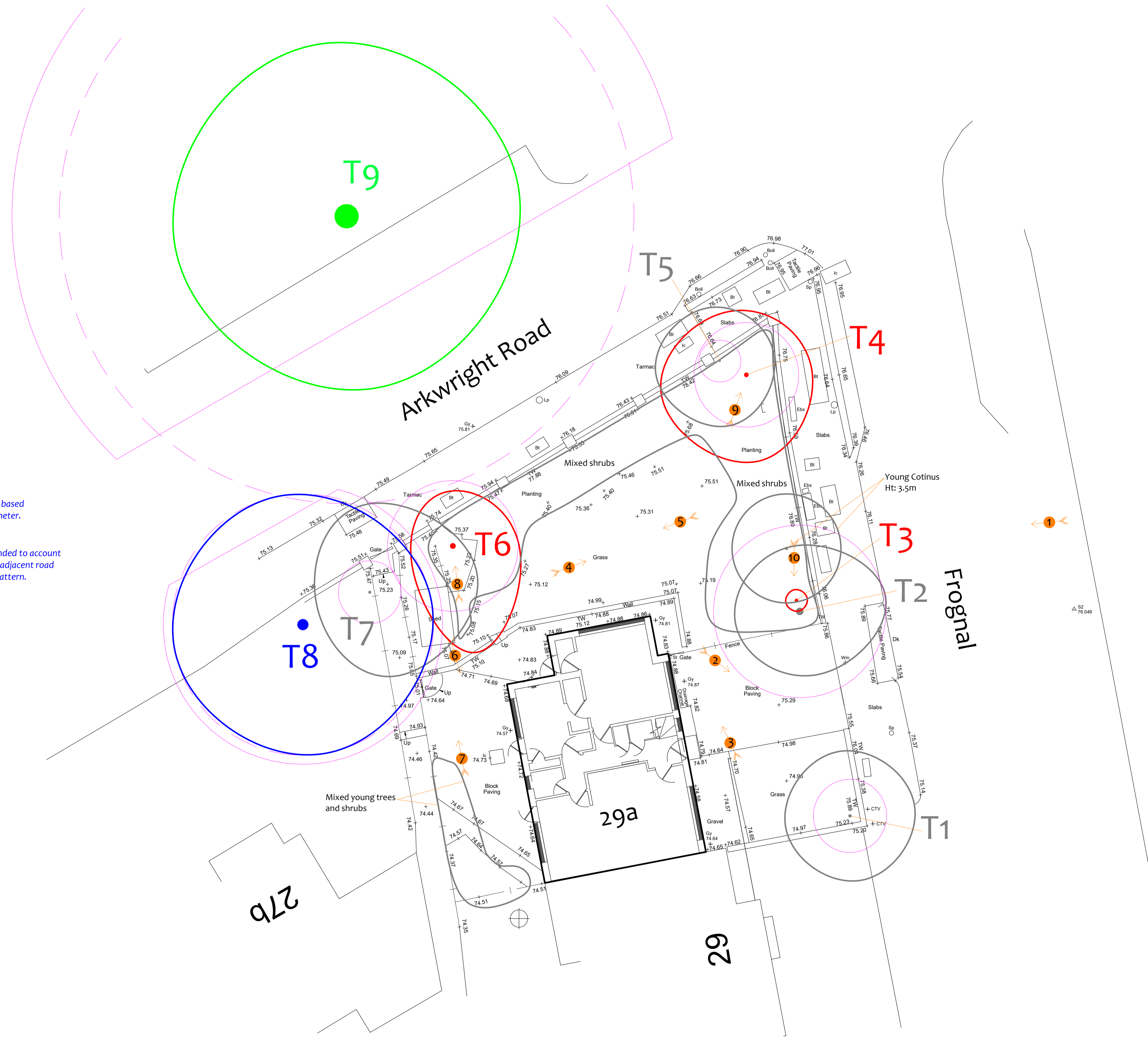








 RPAs of T8 and T9 based on their stem diameter.
 RPAs of T8 and T9 amended to account for the influence of the adjacent road on their likely rooting pattern.



Drawing No: CCL 11720 / TCP Rev: 1
 Title: Tree Constraints Plan (Existing Layout)
 Site: 29A Froggnal, London, NW3 6AR
 Scale: 1:100 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 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 Constraints Plan

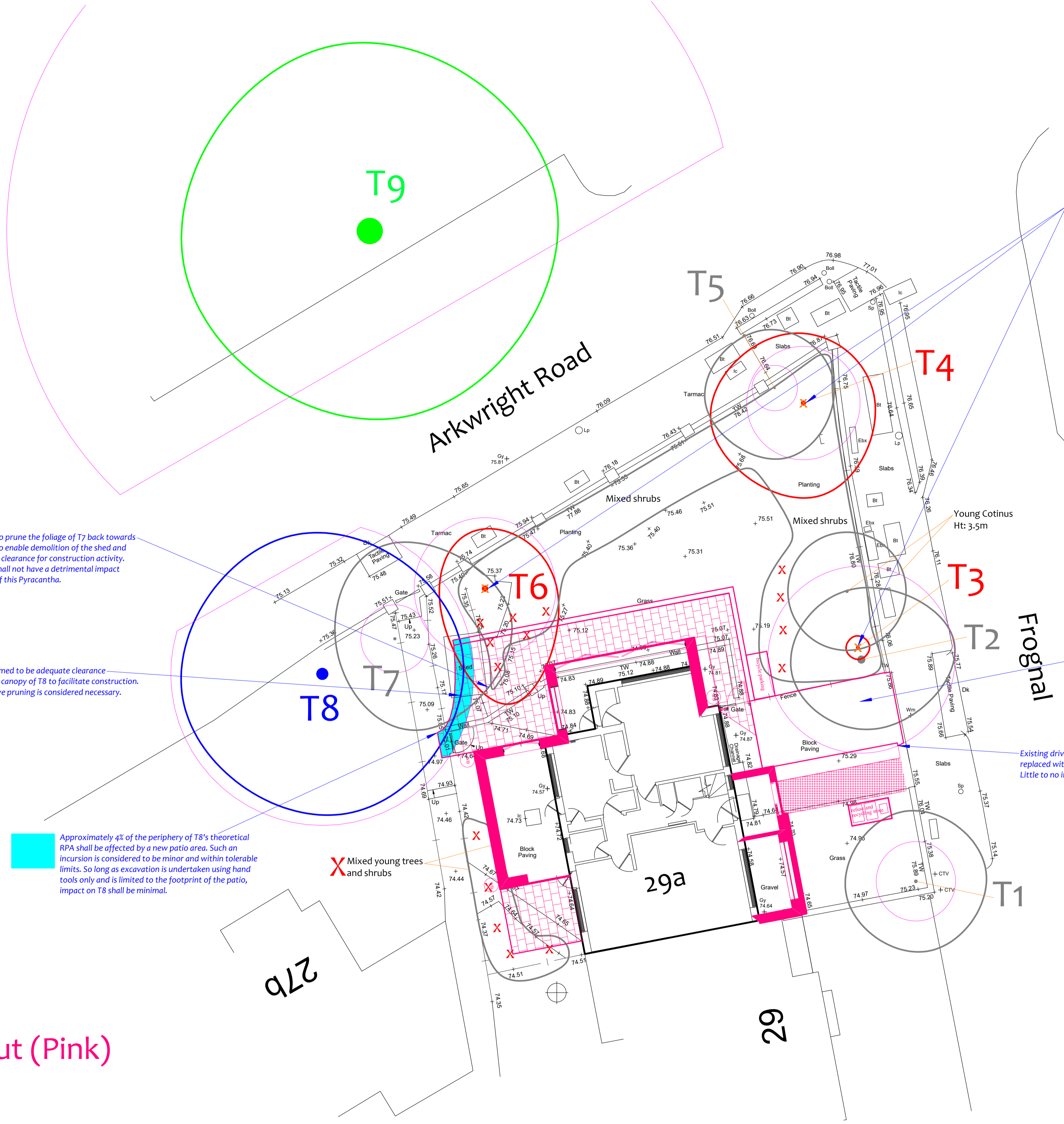
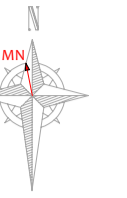
Status: Final

 BS s837 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

 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)
T1	Juneberry	4.5	1.7	9
T2	Elder	7	4.0	49
T3	Cherry	3.5	1.8	10
T4	Plum	6	2.4	18
T5	Plum	5	1.0	3
T6	Laburnum	6.5	3.0	28
T7	Firethorn	6.5	1.4	7
T8	Cherry	8	6.0	113
T9	London Plane	20	13.2	547

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



X Removal of Retention Category U trees T3, T4 and T6 is recommended regardless of the development proposals due to their poor condition. The garden offers opportunity to replant new trees.

X The removal of small shrubs and mixed young trees will require removal to facilitate the proposal. The loss of this vegetation will have little to no impact on local visual amenity; the loss of this vegetation is not considered to be a material planning constraint.

It is proposed to prune the foliage of T7 back towards the boundary to enable demolition of the shed and ensure suitable clearance for construction activity. Such pruning shall not have a detrimental impact on the health of this Pyracantha.

There is deemed to be adequate clearance beneath the canopy of T8 to facilitate construction. No facilitative pruning is considered necessary.

Approximately 4% of the periphery of T8's theoretical RPA shall be affected by a new patio area. Such an incursion is considered to be minor and within tolerable limits. So long as excavation is undertaken using hand tools only and is limited to the footprint of the patio, impact on T8 shall be minimal.

It is proposed to replace the existing driveway. In order to ensure minimal impact on T2, excavation should not exceed the depth of the existing surface and its sub-base. Hand tools only should be used for excavation. A permeable surface is proposed.

Existing driveway surface to be replaced with a soft planting bed. Little to no impact on T2 anticipated.

Proposed Layout (Pink)

Drawing No:	CCL 11720 / IAP Rev: 1
Title:	Impact Assessment Plan
Site:	29A Froggnal, London, NW3 6AR
Scale:	1:100
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.

Impact Assessment Plan

Status: Final - for submission

	BS s837 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

X Tree to be removed to facilitate the proposal

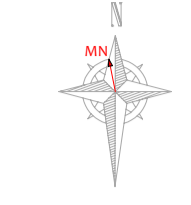
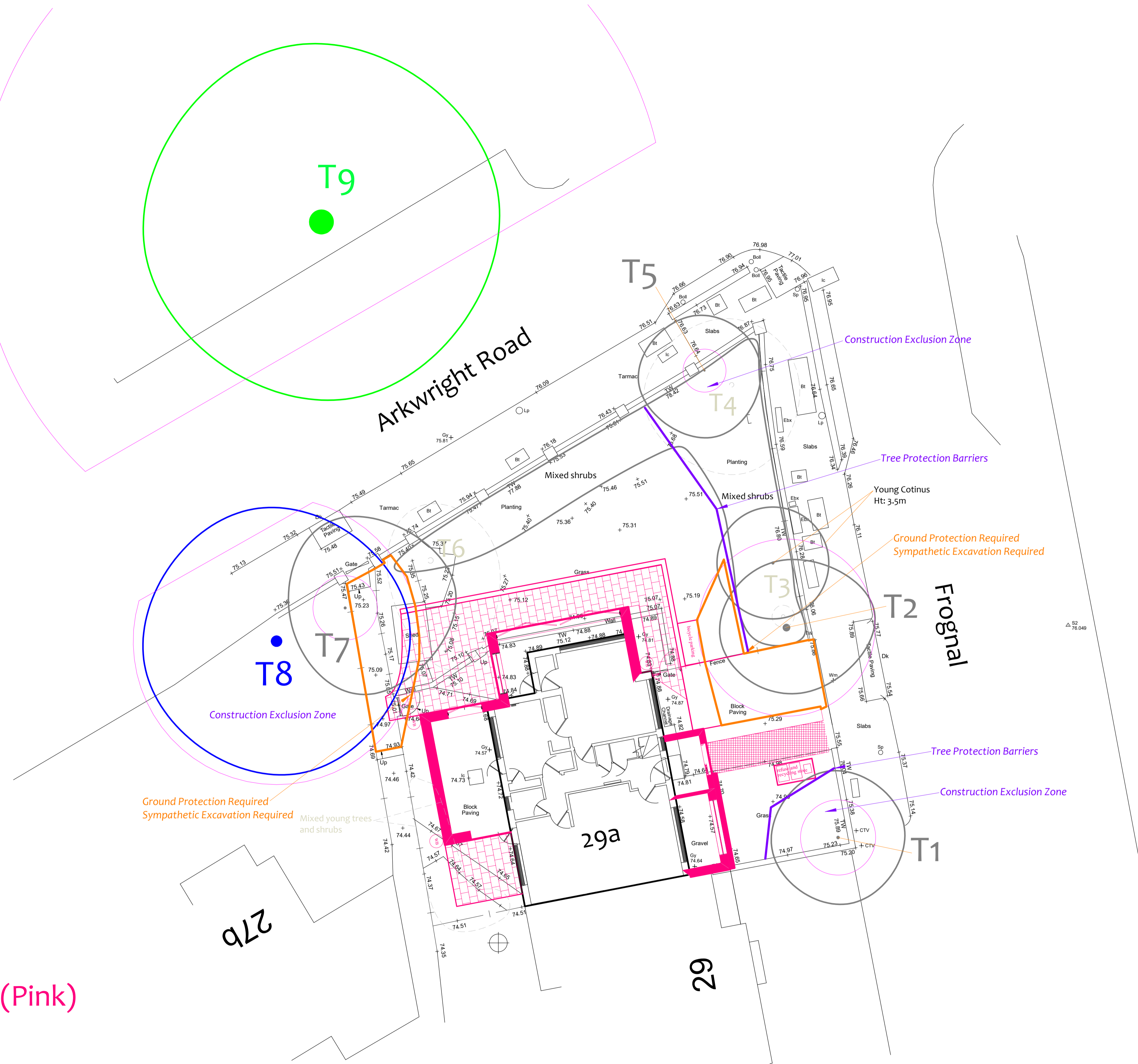
X Tree to be removed due to its low quality

Proposed pruning

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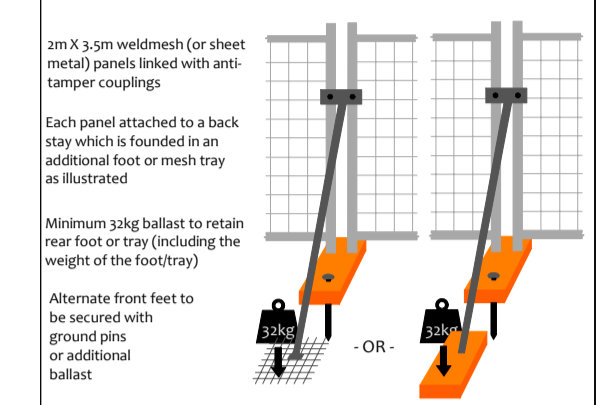
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Proposed Layout (Pink)

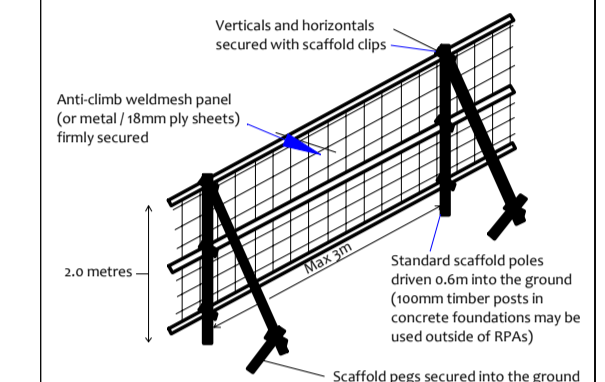


Tree Protection Barriers:

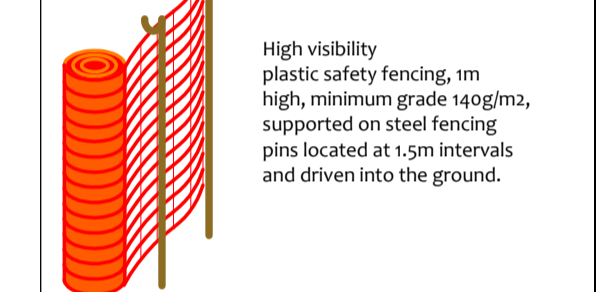
The 'Back Stay System'



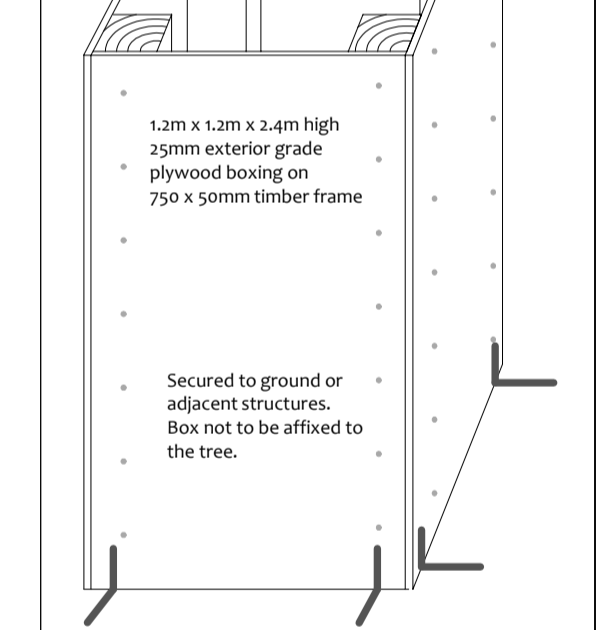
The 'In-Ground' System



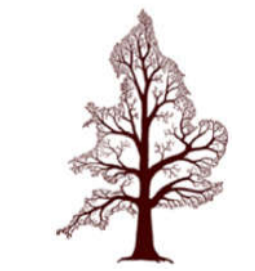
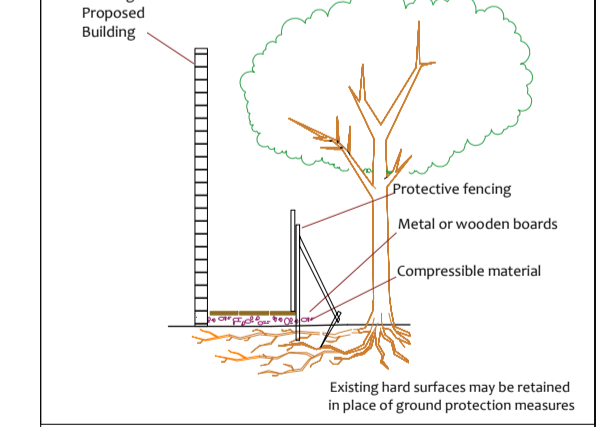
The Barrier Mesh System



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



Ground Protection where specified in Restricted Zones



CROWN
Arboricultural Consultants
01422 316660

Drawing No:	CCL 11720 / TPP Rev 1
Title:	Tree Protection Plan (Existing Layout with Proposals Overlaid)
Site:	29a Froggnal, London, NW3 6AR
Scale:	1:100
Paper Size:	A1



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Tree Protection Plan

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