



Proposed Layout (Pale Green)

- A small portion of T11, a Retention Category C Elder, shall be affected by proposed building foundations.
- The overhanging canopy of T11 will also require pruning back to the boundary to provide clearance for construction of the pool house. Such pruning shall create a reduction in demand for water and nutrients upon the root system, therefore maintaining a balanced root:shoot ratio. Consequently, the loss of some roots due to excavation shall be offset by proposed canopy pruning.

Approximately 6.5% of the RPA of T9 shall be affected by excavation for the proposed swimming pool building. Such an incursion is considered to be relatively minor and within tolerable limits. Excavation is to be undertaken using hand tools to a minimum depth of 0.75m and overseen by the project arborist. Any tree roots that are encountered should be retained where possible. Any tree roots that need to be severed should be neatly pruned by the arborist overseeing the excavation.

Insignificant portion of T10's RPA shall be affected by proposed excavations.

The outer foliage of T10 is to be trimmed back towards the boundary to ensure adequate clearance from construction. Such pruning shall have a negligible impact on tree health.

Mixed shrubs
Max Ht: 1.5m

Mixed shrubs
Ht: 1m

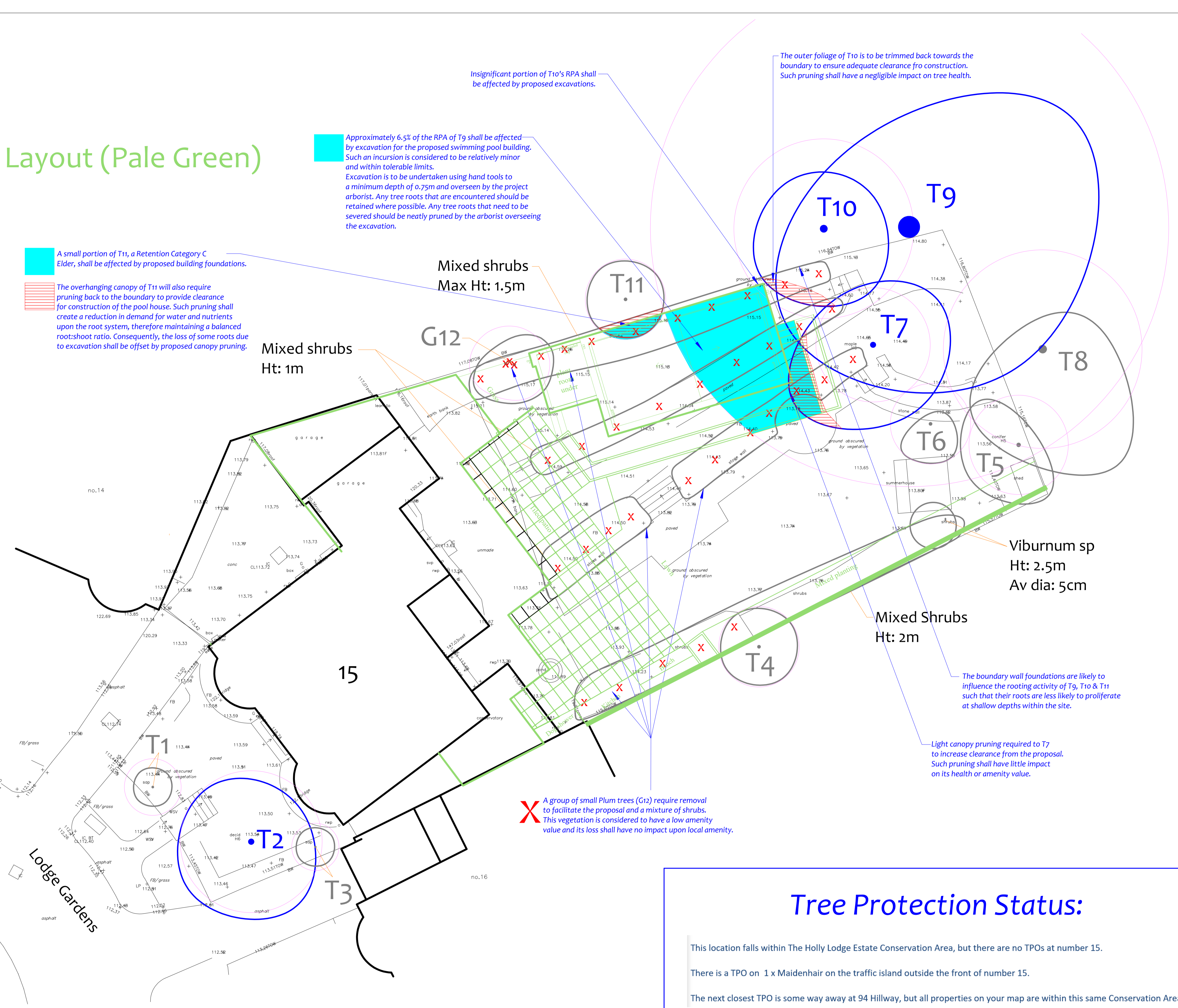
Viburnum sp
Ht: 2.5m
Av dia: 5cm

Mixed Shrubs
Ht: 2m

The boundary wall foundations are likely to influence the rooting activity of T9, T10 & T11 such that their roots are less likely to proliferate at shallow depths within the site.

Light canopy pruning required to T7 to increase clearance from the proposal. Such pruning shall have little impact on its health or amenity value.

X A group of small Plum trees (G12) require removal to facilitate the proposal and a mixture of shrubs. This vegetation is considered to have a low amenity value and its loss shall have no impact upon local amenity.



Tree Protection Status:

This location falls within The Holly Lodge Estate Conservation Area, but there are no TPOs at number 15.

There is a TPO on 1 x Maidenhair on the traffic island outside the front of number 15.

The next closest TPO is some way away at 94 Hillway, but all properties on your map are within this same Conservation Area.



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 20+ years. Usually mature 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

 	B5 s37 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

X Tree to be removed to facilitate the proposal

X Tree to be removed due to its low quality

X 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 ²)
T1	Oak	3	1.4	7 2.6
T2	Magnolia	5.5	3.6	41 6.4
T3	Spindle	3.5	1.2	5 2.1
T4	Box Elder	3.5	2.0	13 3.6
T5	Yew	5	2.5	20 4.5
T6	Viburnum	2.5	2.0	13 3.6
T7	Japanese Maple	6	2.9	26 5.1
T8	Ash	13	5.0	80 8.9
T9	London Plane	17	13.2	547 23.4
T10	Horse Chestnut	10	4.6	65 8.1
T11	Elder	5	2.0	13 3.6
G12	Plum	4	1.8	10 3.2