



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7

Drawing No:
CCL 10738 / TCP Rev: 1

Title:
Tree Constraints Plan
(Existing Layout)

Site:
The Gove Lawn Tennis Club
Cascade Avenue, Haringey

0 5 10m

Scale: 1:200 Paper Size: A1



CROWN
Arboricultural Consultants
01423 316660

Tree Retention Categories

Stems & canopies shown

 Category A tree

 Category B tree

 Category C tree

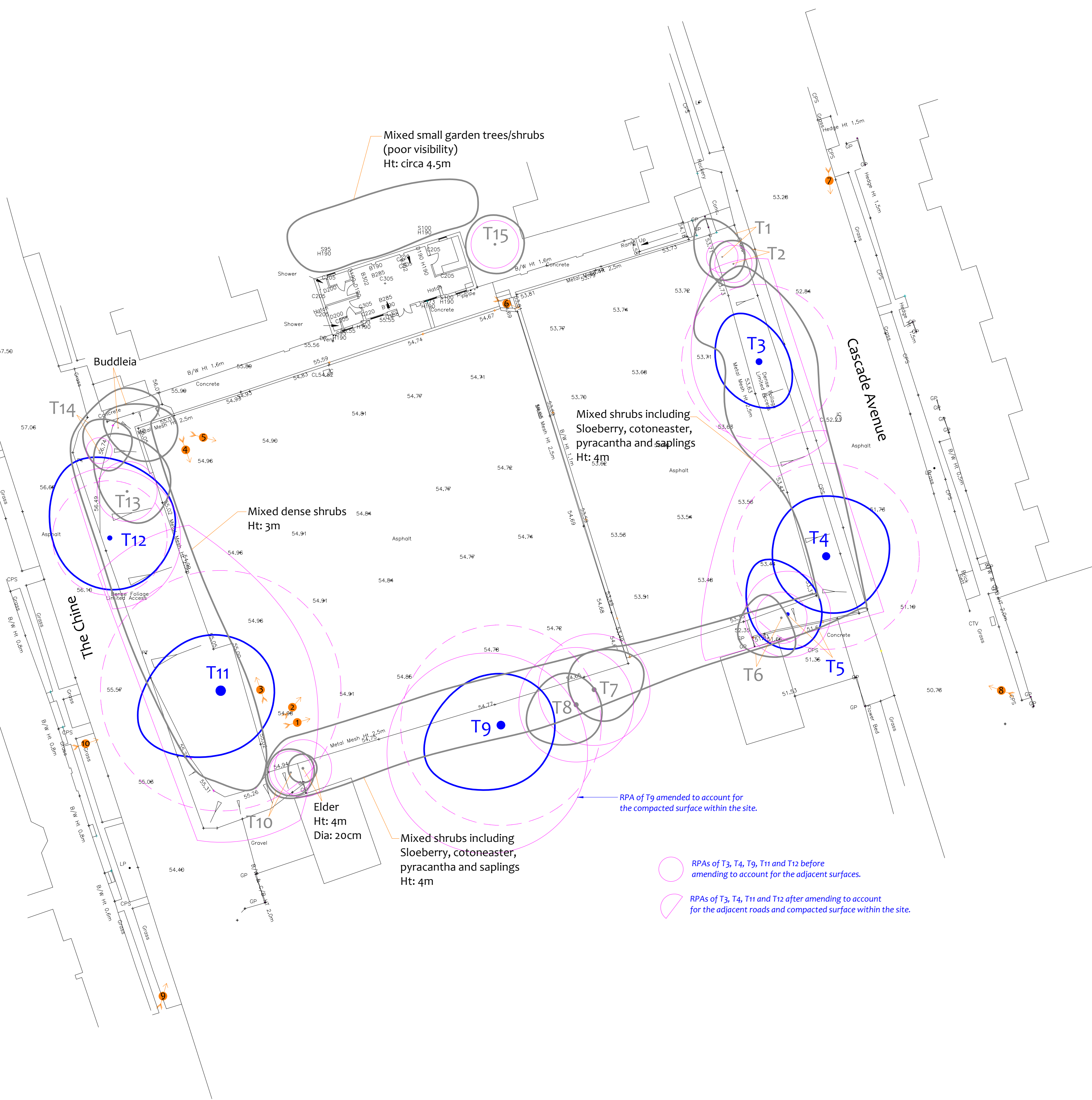
 Category U tree

 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

 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 for site conditions

T1 = Tree No 1

G2 = Group No 2

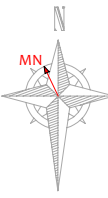
H3 = Hedge No 3

 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)	Area (m ²)
T1	Pyracantha	3	1.3	5.3
T2	Whitebeam	5	1.6	8.0
T3	Horse Chestnut	9	6.5	132.0
T4	Horse Chestnut	10	7.8	191.0
T5	Horse Chestnut	7.5	3.6	41.0
T6	Horse Chestnut	5.5	2.2	15.0
T7	Ash	7	4.7	69.0
T8	Monterey Cypress	5	4.8	72.0
T9	Ash	11	8.4	222.0
T10	Horse Chestnut	5	1.8	10.0
T11	Horse Chestnut	11	10.1	319.0
T12	Ash	8.5	4.8	72.0
T13	Goat Willow	4.5	2.5	20.0
T14	Sycamore	5	1.1	4.0
T15	Magholia	4.5	2.0	13.0



Tree Constraints Plan

(Existing Layout)



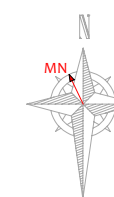
Photo 8



Photo 9



Photo 10



Impact Assessment Plan

(Existing Layout with Proposals Overlaid)

Proposed Basement Layout (Dashed Blue)

Proposed Ground Floor Layout (Pink)

X T14, mixed shrubs and Buddleia require removal to facilitate access. Mixed shrubs are also to be removed along The Chine and Cascade Avenue. Replacement hedge planting is proposed and new trees.

Canopy of T13 to be pruned back to provide clearance from the pathway.

Adequate clearance between building and tree canopy.

Consent has been obtained from the local authority to reduce the canopy of T11 back to 1m from the old topping cuts Planning App Ref No: HGY/2021/1338. Such pruning shall increase the clearance between the proposed building and canopy of T11. Approximate extent of canopy pruning is indicated with a dashed blue oval.

The proposed canopy reduction to T11 shall create a reduction in demand for water and nutrients on the root system. Maintaining a balanced root:shoot ratio in this manner will ensure no branches die back and no detrimental impact due to the incursion into the RPA.

Approximately 9% and 17% of the theoretical RPAs of T4 and T11 shall be affected by proposed building foundations. In order to ensure minimal impact on roots due to building foundations, the following mitigation is proposed:

- A shallow raft or beam foundation shall be installed.
- Excavation for raft or beam shall not exceed the depth of the existing tennis court surface.
- Excavation for the raft or beam shall be undertaken using hand tools or a carefully marshalled mechanical excavator.
- Deeper piles (not exceeding 250mm diameter) may be used to support the raft/beam.
- Trial pits to be excavated to ensure all piles are located to avoid severing any roots in excess of 50mm diameter.
- All excavation, including trial pits shall be overseen by an appointed arborist.

Canopy of T1 to be pruned back to provide clearance from the pathway.

Mixed small garden trees/shrubs (poor visibility)
Ht: circa 4-5m

Canopy of T1 to be pruned back to provide clearance from the pathway.

New pedestrian pathways are proposed along the front of the dwellings which will lead to The Chine and to Cascade Avenue. The proposed paths are to be installed above ground and supported on a lightweight steel frame. So long as only hand tools are used to install the steel framework and no further excavation occurs, impact on tree roots shall be minimal. Please refer to the Richard Mears landscape Plan for further details.

Adequate clearance between building and canopy of T3.

X Mixed shrubs including
X Sloe, cotoneaster,
X pyracantha and saplings
X Ht: 4m **X**

Adequate clearance between building and canopy of T4.

Adequate clearance between buildings and tree canopies.

Canopy pruning recommended to T4 and T5 to increase clearance from the build and for construction activity. Such pruning shall not have a significant impact on local visual amenity

A tiny portion of the theoretical RPA of T9 shall be affected by the proposed basement foundations. So long as the foundations are installed in a manner that does not disturb the soils beyond the basement footprint, the impact on T9 shall be very minor.

Impact Assessment Plan

(Existing Layout with Proposals Overlaid)

Drawing No: CCL 10738 / IAP Rev: 1
Title: Impact Assessment Plan
(Existing Layout with Proposals Overlaid)
Site: The Grove Lawn Tennis Club
Cascade Avenue, Haringey
Scale: 0 5 10m
1:2000 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.

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

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)	m ²	Square (m)
T1	Pyracantha	3	1.3	5	2.3
T2	Whitebeam	5	1.6	8	2.8
T3	Horse Chestnut	9	6.5	132	11.5
T4	Horse Chestnut	10	7.8	191	13.8
T5	Horse Chestnut	7.5	3.6	41	6.4
T6	Horse Chestnut	5.5	2.2	15	3.8
T7	Ash	7	4.7	69	8.3
T8	Monterey Cypress	5	4.8	72	8.5
T9	Ash	11	8.4	222	14.9
T10	Horse Chestnut	5	1.8	10	3.2
T11	Horse Chestnut	11	10.1	319	17.9
T12	Ash	8.5	4.8	72	8.5
T13	Goat Willow	4.5	2.5	20	4.5
T14	Sycamore	5	1.1	4	1.9
T15	Magnolia	4.5	2.0	13	3.5

