ARUN DISTRICT COUNCIL **Date:** 02/04/2015

ADC PARKS & GREENSPACE ARBORICULTURE

FROM: Dafydd Lloyd **TO:** Ross Leal

PLANNING APPLICATION: R/44/15/T

ADDRESS: 1-23 Stansfield Court Mill Lane Rustington BN16 3EQ

BRIEF DESCRIPTION: Lift by 5.2m over road & deadwood 1 No Sweet Chestnut tree, lift by 3m to 1 No. Conifer, 1 No. Maple & 1 No. Birch tree & cut back 1 No Larix tree to give 3m clearance.

INSPECTION DATE: 01/04/2015

RECOMMENDATION:

Objection	☐	No Objection	x	Split Decision	☐
Comment	x	Recommendation	x	Suggested Conditions	x
Tree Replacement	☐	**Dead/Dangerous**	☐	CA & Amenity Value	☐

T3 Species: Sweet Chestnut *Castanea sativa* **Height:** 12 meters **Average Branch Spread:** 5 meters **Crown Condition:** fair **Form:** fair to good **Age Class:** mature

G3 Species: Lawson Cypress, Maple, and Birch – *Chamaecyparis Lawsoniana sp, Acer spp, Betulus spp* **Height:** 11 meters (average) **Average Branch Spread:** 3.5 meters (average) **Crown Condition:** fair **Form:** fair **Age Class:** semi mature

G6 Species: Pine, Larch – *Pinus, Larix* **Height:** 10 meters **Average Branch Spread:** 3 meters **Crown Condition:** good **Form:** fair **Age Class:** semi mature

Comments:

- This trees cited in this application are situated on a grass verge outside that wraps around the outside of Stansfield court. All the highlighted trees are visible from the main highways that abut the site. The wider landscape has a good mix of manly semi mature/mature specimens of both broadleaved and conifer trees.

- For **T3**, the applicant has applied to crown lift the western side of this individual to 5.2 meters. A crown lift of this size would prevent any potential conflict between the vehicles using the highway (which is situated just under the western extremities of **T3**'s canopy). The proposed crown lift to **T3** would only see small diameter material

removed, which is unlikely to have a lasting negative impact on the atheistical value offered by **T3**.

- For **G3**, the applicant has applied to crown lift to 3 meters all-round the canopy of the highlighted trees. A crown lift of this size would prevent any potential conflict between the pedestrians using the pathways that run underneath **G3**. The proposed crown lift to **G3** would only see small diameter material removed, which is unlikely to have a lasting negative impact on the atheistical value offered by **G3**.

- For **G6**, the applicant has applied to reduce the western lateral spread to allow a 3 meter clearance to the onsite building. This lateral reduction would only see a maximum of a 2 meter reduction to the western lateral spread. This action would have an negligible effect on **G6**, as the western spread does extend further that the eastern spread currently.

Recommendation:

- For **T3**, I would have no objection to the proposed operation of a crown lift of no more than 5.2 meters.

- For **G3**, I would have no objection to the proposed operation of a crown lift of no more than 3 meters.

- For **G6**, I would have no objection to the proposed operation of a crown reduction to allow no more than a 3 meter buffer zone between the onsite flats and the western extremities of **G6** only.

- When completing the approved pruning operations, the following condition are to be adhered to;

Conditions:

Condition 1: Crown Reduction
All side branches to be retained should be at least **1/3rd** in diameter of the removed branch. Pruning cuts must be flat and smooth, kept as small as possible by cutting at an optimum angle and should not exceed **100mm** in diameter.

REASON: In the interests of the trees continued health and vitality and to accord with current industry guidelines and sound arboricultural practice.

Condition 2: Crown Clean
The Crown Clean should consist of deadwood and stub removal where all cuts should be made to the branch collar. Where crossing branches are encountered the weaker branch/branches should be reduced or removed to avoid contact between them. The remaining branch/branches should be shortened as

appropriate to relieve ‘end weight’ and sudden exposure by reducing the leaf bearing branch tips by no more than 30%.

REASON: In the interests of the trees continued health and vitality and to accord with current industry guidelines and sound arboricultural practice.

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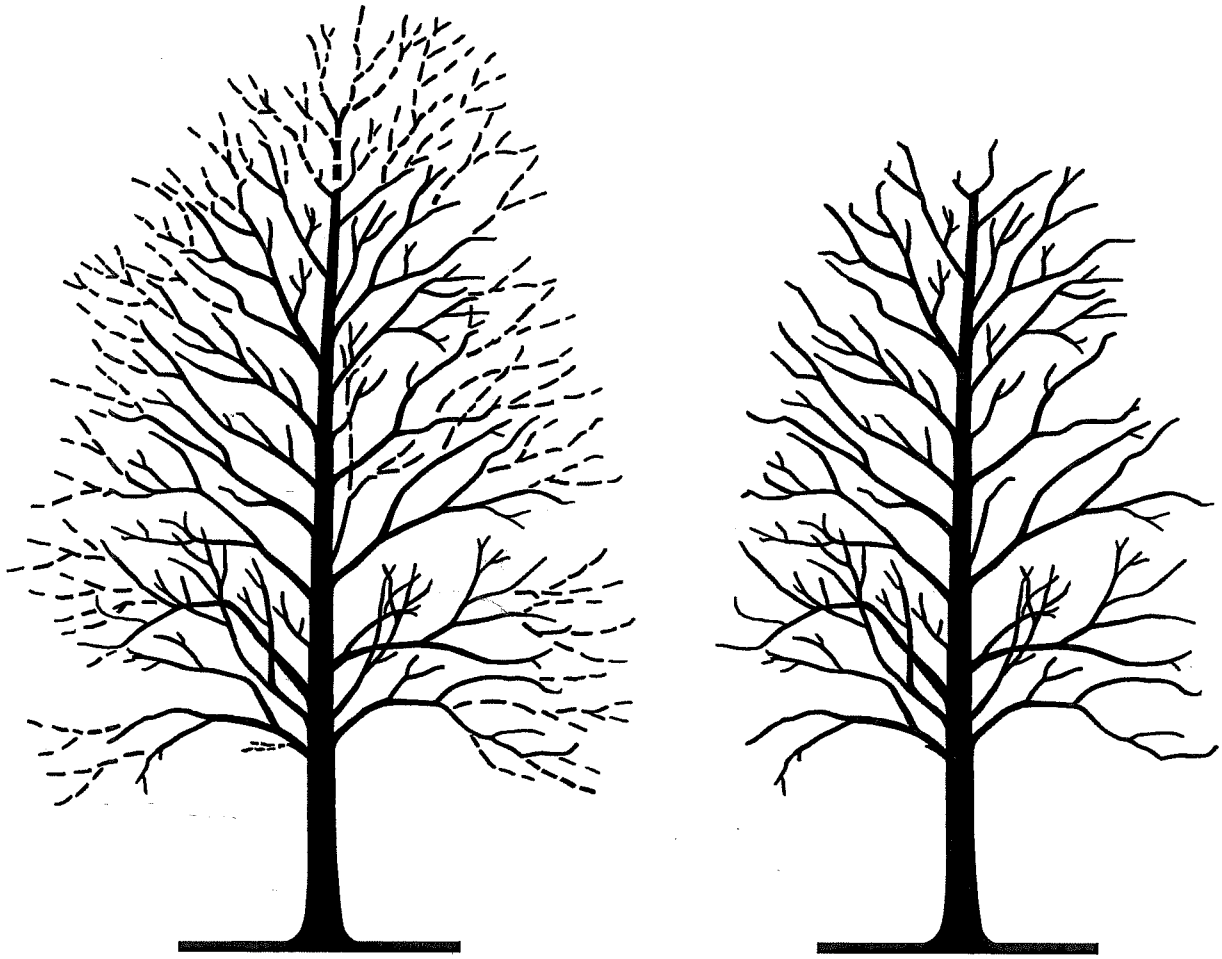
Conditions 3: Crown Lift
Branches found within the clearance height having diameters greater than **100mm** should be shortened and no more than 15% of the leaf bearing growth of that branch should be removed to facilitate the unobstructed free passage of vehicles and pedestrians.

REASON: In the interests of the trees continued health and vitality and to accord with current industry guidelines and sound arboricultural practice.

Dafydd Lloyd
Arun District Council
Tree Officer

When specifying crown reduction and/or reshaping to create clearance from another structure or tree (see **7.8** and **7.9**), the points between which the clearance will be measured should be stated.

Figure 4 **Diagrammatic illustration of crown reduction**



a) Before crown reduction, showing material to be removed

b) After crown reduction

7.7.3 Follow-up work after crown reduction or reshaping

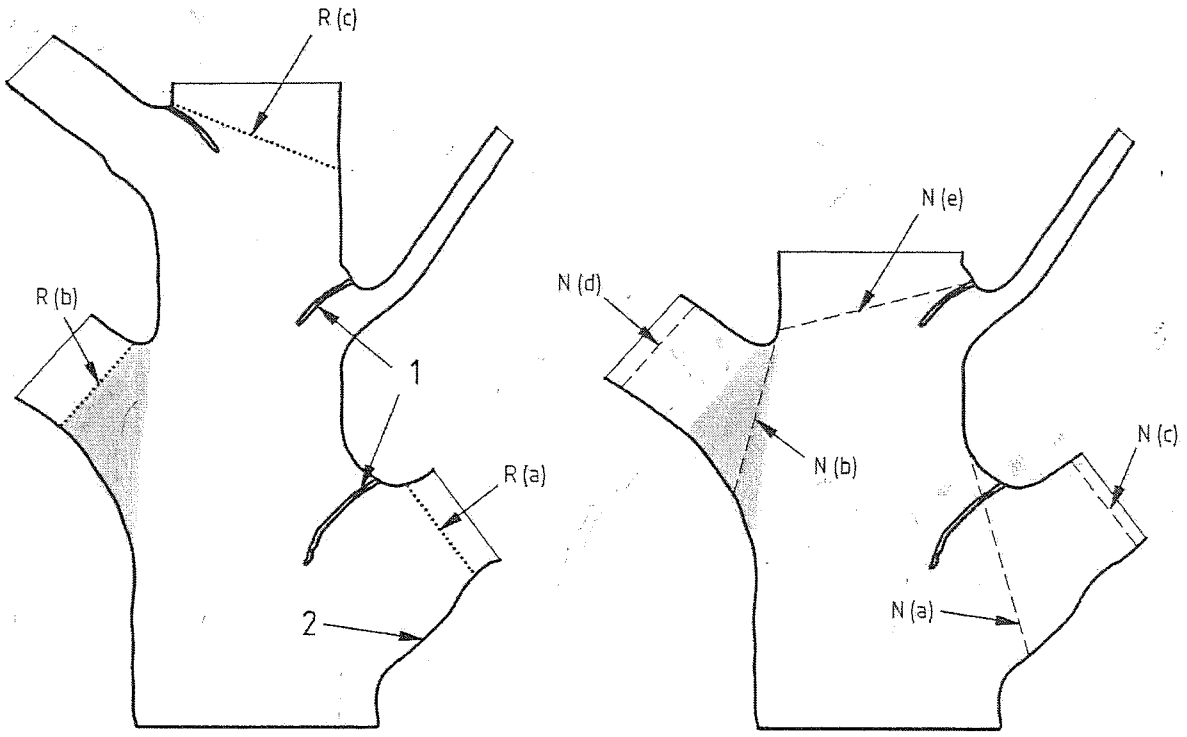
Following crown reduction or reshaping, the crown should generally be managed in accordance with one of the following objectives:

- to continue a phased programme of further crown reduction (see also Annex C);
- to maintain the reduced crown as a framework for cyclic management, whereby the new branches are periodically cut back close to their points of origin (as in pollarding; see **7.10**);
- to establish a new framework by "shoot renewal pruning", so that the crown attains a relatively natural appearance but remains smaller than before the reduction or reshaping.

To achieve the last of the above objectives, the new branches should be tip-pruned and thinned so as to encourage the growth of secondary branches, which should in turn be pruned and thinned as required to maintain the desired shape, size and density of crown.

ARUN DISTRICT COUNCIL R/44/15/T

Figure 2 **Positions of final cuts**



a) Recommended (R)

b) Not recommended (N)

Key

1	Branch bark ridges
2	Branch collar
R(a)	Cut where branch collar and branch bark ridge are apparent
R(b)	Cut where neither branch bark ridge nor branch collar are apparent
R(c)	Position for end-cut in crown reduction – maximum size of cut in relation to size of lateral branch
N(a)	Cut too close (removing the branch collar and cutting into the bark branch ridge)
N(b)	Cut too close (injuring parent stem in the crotch and too steeply angled)
N(c/d)	Cut too far out, leaving a stub (but see C.2, Note 2 for exceptions)
N(e)	Incorrect end cut (made beyond a branch that is too small, but see 7.2.4 regarding groups of branches, rather than one branch of a required size)
·····	Recommended cut
– – – –	Not recommended cut
▭	Basal flare of the branch that does not show a distinct collar or ridge

NOTE The optimum position and angle of the end-cut cannot be exactly prescribed, as branch unions vary considerably in their conformation.

ARUN DISTRICT COUNCIL R/44/15/T