ARUN DISTRICT COUNCIL **Date:** 05/03/2015

ADC PARKS & GREENSPACE ARBORICULTURE

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

PLANNING APPLICATION: AW/18/15/T

ADDRESS: Holly Lodge 3 Barrack Lane Aldwick PO21 4BY

BRIEF DESCRIPTION: Thin crowns by 30%, lift crowns to a height of 2.5 m above ground level, reduce crown to height of ridge line & spread by 5-6m to 2 No. Holm Oak trees & crown thin by 30%, reduce crown to height of ridge line & spread to 5-6m to 1 No. Sycamore tree.

INSPECTION DATE: 03/03/2015

RECOMMENDATION:

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

T1 Species: Holm Oak *Quercus ilex* **Height:** 10 meters **Average Branch Spread:** 5 meters **Crown Condition:** good to fair **Form:** fair **Age Class:** early mature

T2 Species: Holm Oak *Quercus ilex* **Height:** 10 meters **Average Branch Spread:** 5 meters **Crown Condition:** good to fair **Form:** fair **Age Class:** early mature

T3 Species: Sycamore *Acer pseudoplatanus* **Height:** 11 meters **Average Branch Spread:** 5 meters **Crown Condition:** fair to good **Form: Age Class:**

Comments:

- The outlined tree in this application is situated in the high amenity area of Aldwick. The surrounding landscape of this private estate has a rich mix of trees of varying age classes and of a differing species.
- The trees cited in this application are covered by TPO order/s.
- The outlined trees in this application are situated in a linear belt along the rear south eastern boundary.
- It is clear from the site inspection that the **T1**, **T2**, and **T3** have had a regime of pruning historically. The applicant has requested to reduce back to the established pruning points.

- According to the BS 3998 section 7.7.3, *'follow-up work after crown reduction …… 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'.* This does mean the recommended management for these trees would be to adhere to the regime of pruning that has already been initiated.

Recommendation:

- As the proposed operation/s is likely to increase the retention span of **T1**, **T2**, and **T3**, **I would have no objection to the proposed operation/s.**

- The following condition is to adhered to in completing the proposed operations.

Condition:

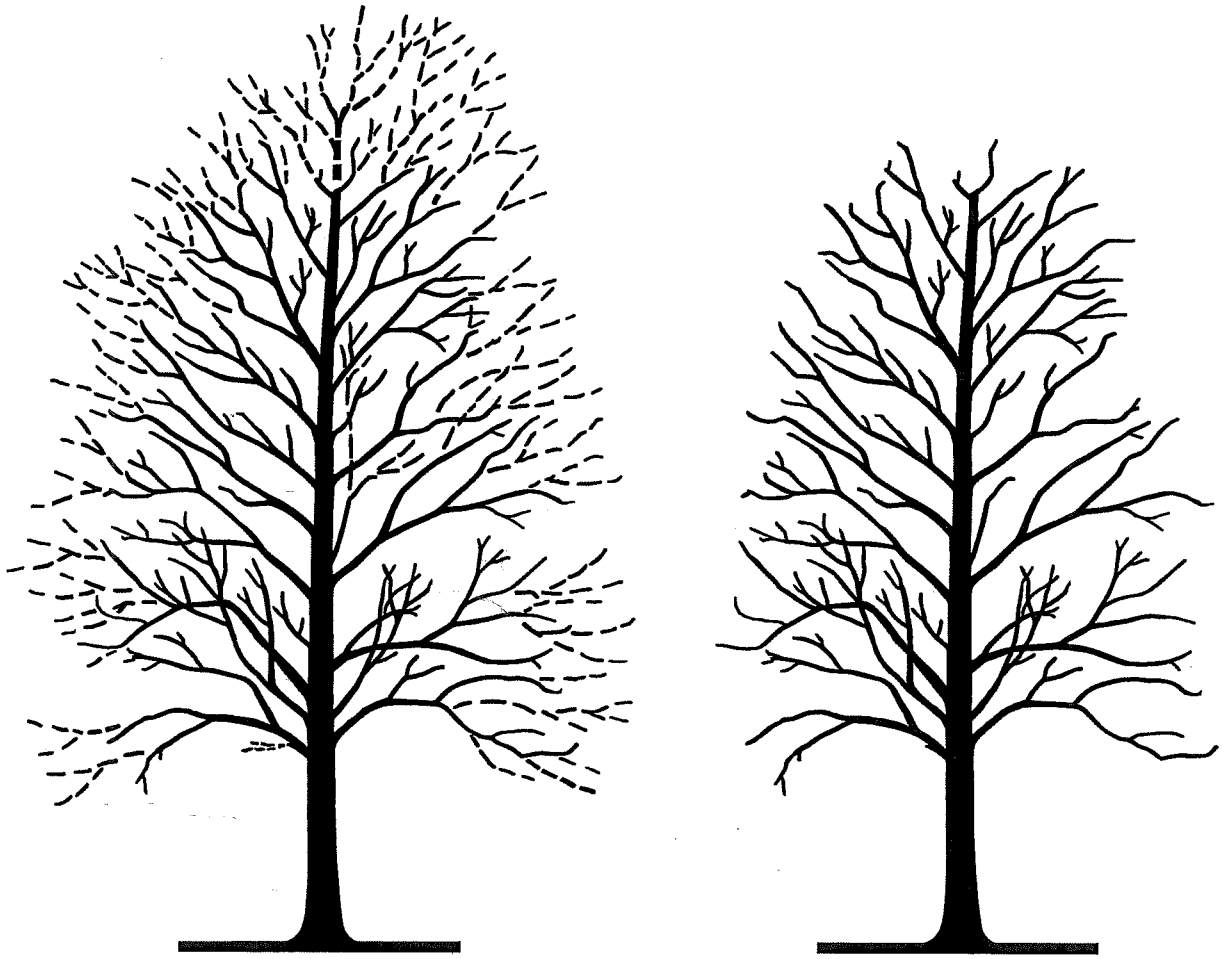
Crown Reduction
All side branches to be retained should be at least **1/3rd** in diameter of the removed branch. Pruning cuts must be flat and smooth, kept as small as possible by cutting at an optimum angle and should not exceed **100mm** in diameter.

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

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.

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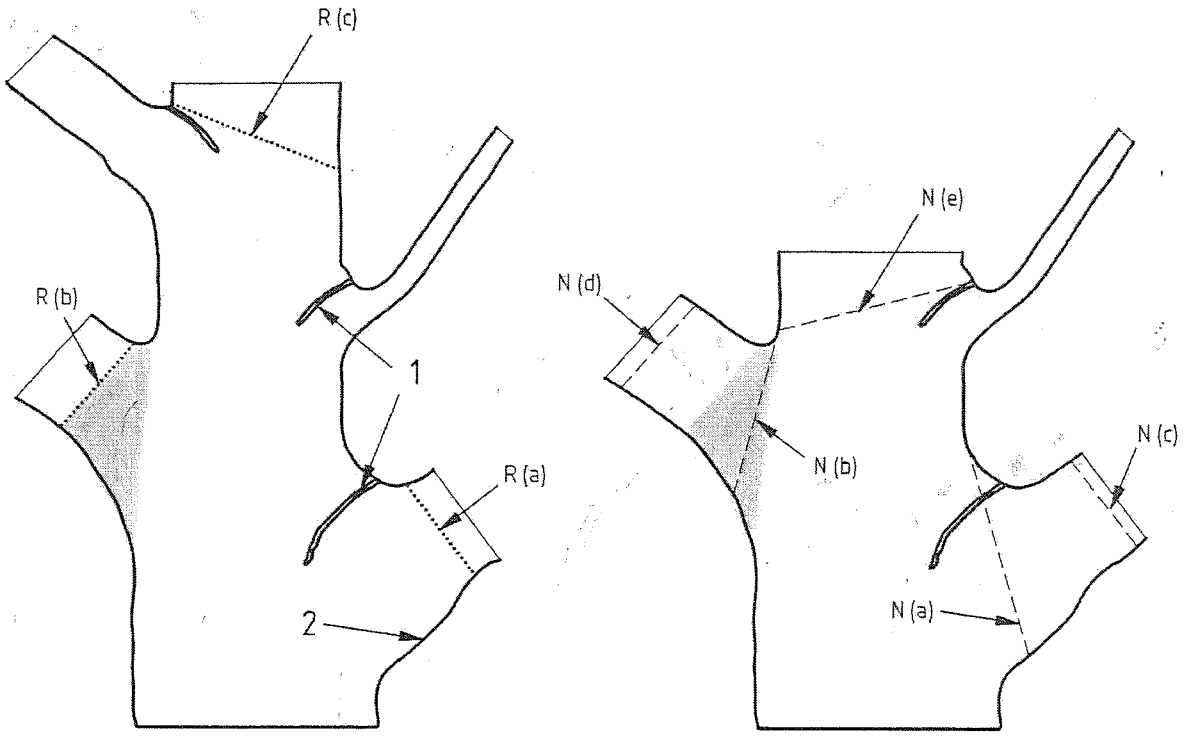
Figure 2 **Positions of final cuts**



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.

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