ARUN DISTRICT COUNCIL **Date:** 15/07/2015

ADC PARKS & GREENSPACE ARBORICULTURE

FROM: Dafydd Lloyd **TO:**

PLANNING APPLICATION: AW/156/15/TC

ADDRESS: 37 The Drive Aldwick PO21 4AT

BRIEF DESCRIPTION: Fell 1 No. Apple tree & 1 No. Willow tree, and reduce 1 No. Oak tree northern spread by 4 meters, reduce the eastern/southern/western spread and height by 2 meters, within the Craigweil House Conservation Area.

INSPECTION DATE: 15/07/2015

RECOMMENDATION:

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

T1 Species: Willow *Salix spp* **Height:** 10 meters **Average Branch Spread:** 3 meters **Crown Condition:** poor **Form:** poor **Age Class:** semi mature

T2 Species: Apple *malus spp* **Height:** 7 meters **Average Branch Spread:** 3.5 meters **Crown Condition:** poor **Form:** fair to poor **Age Class:** mature

T3 Species: Oak *Quercus spp* **Height:** 13 meters **Average Branch Spread:** 7 meters **Crown Condition:** fair **Form:** fair to poor **Age Class:** mature

Comments:

- The trees outlined are situated in a conservation area, and **T3** is subject to a TPO.

- For **T1**, the applicant has applied to fell this tree and remove the arising's. From the site inspection it is clear that **T1** is in a failing condition, with an expected retention span of less than 10 years. It also cannot be seen from public gaze.

- For **T2**, the applicant has applied to fell this tree and remove the arising's. From the site inspection it is clear that **T2** is also in a failing condition, with an expected retention span of less than 10 years. Like **T1**, **T2** cannot be seen from public gaze.

- For **T3**, the applicant has applied to reduce northern spread by 4 meters, reduce the eastern/southern/western spread and height by 2 meters.

Form the site inspection it is quite clear that **T3** has had a serious wounding historically at about 6 meters height, which has led to excessive extensional development of the reaming lateral branches. As stated on the application, the area of main stem supporting these lateral; braches is heavily decayed, and therefore the chance of failures occurring is significantly increased.

Recommendation:

- For **T1** and **T2, I would have no objection to the felling of these trees as they do not have the attributes to warrant TPO orders.**

- For **T3**, **I would have no objection to the reduction of the 9 meter northern spanning lateral branch by no more than 4 meters**, as this action should reduce the chance of systemic failure occurring to this limb. **Also I would have no objection to the reduction the eastern/southern/western spread and height by 2 meters,** as this action has also been designed to reduce the chance of failures occurring to the given extremities from the area of highlighted decay.

- In completing the approved reductions to **T3, the following conditions are to be adhered to;**

Conditions:

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.

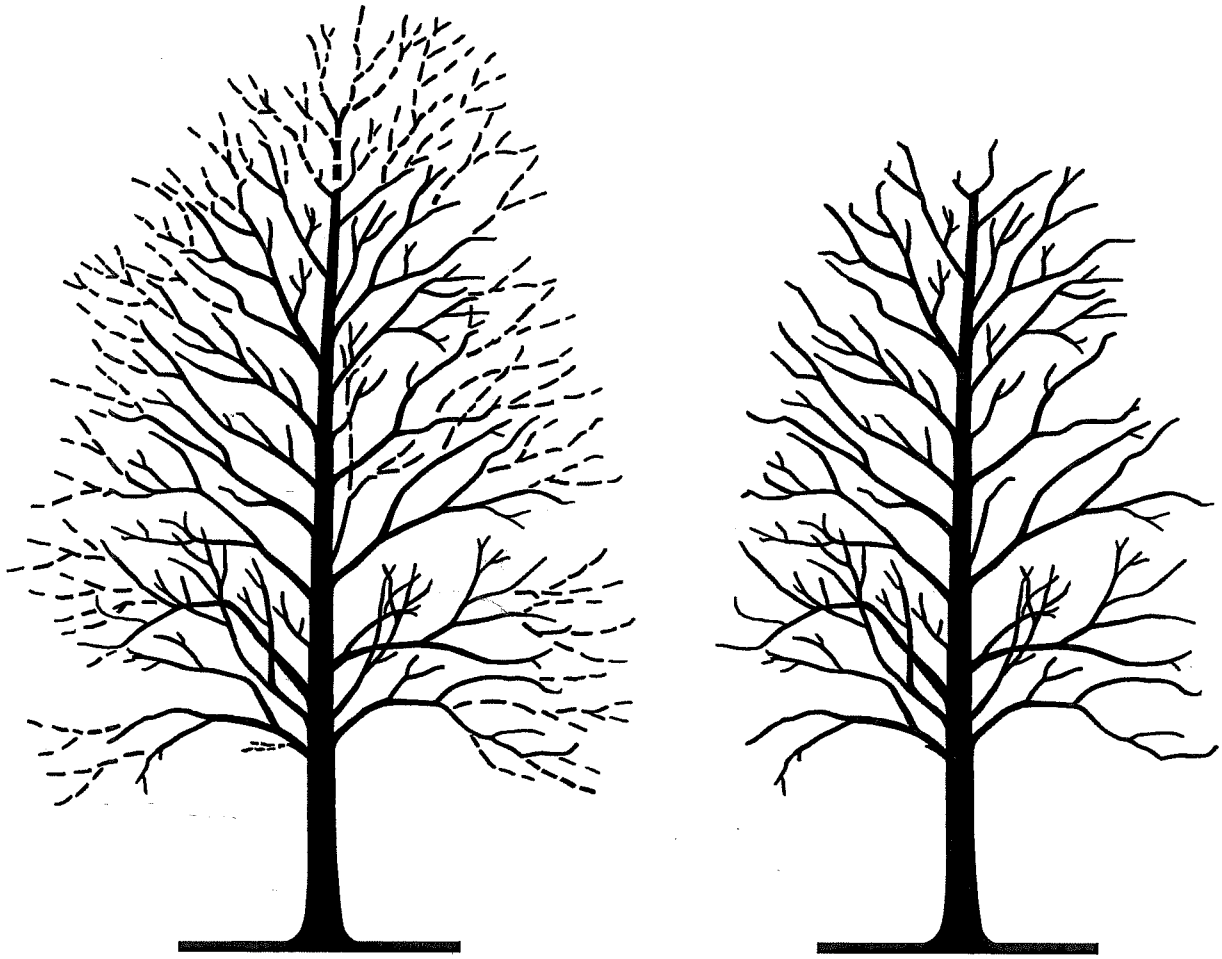
Crown Clean
The Crown Clean should consist of deadwood and stub removal where all cuts should be made to the branch collar. Where crossing branches are encountered the weaker branch/branches should be reduced or removed to avoid contact between them. The remaining branch/branches should be shortened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

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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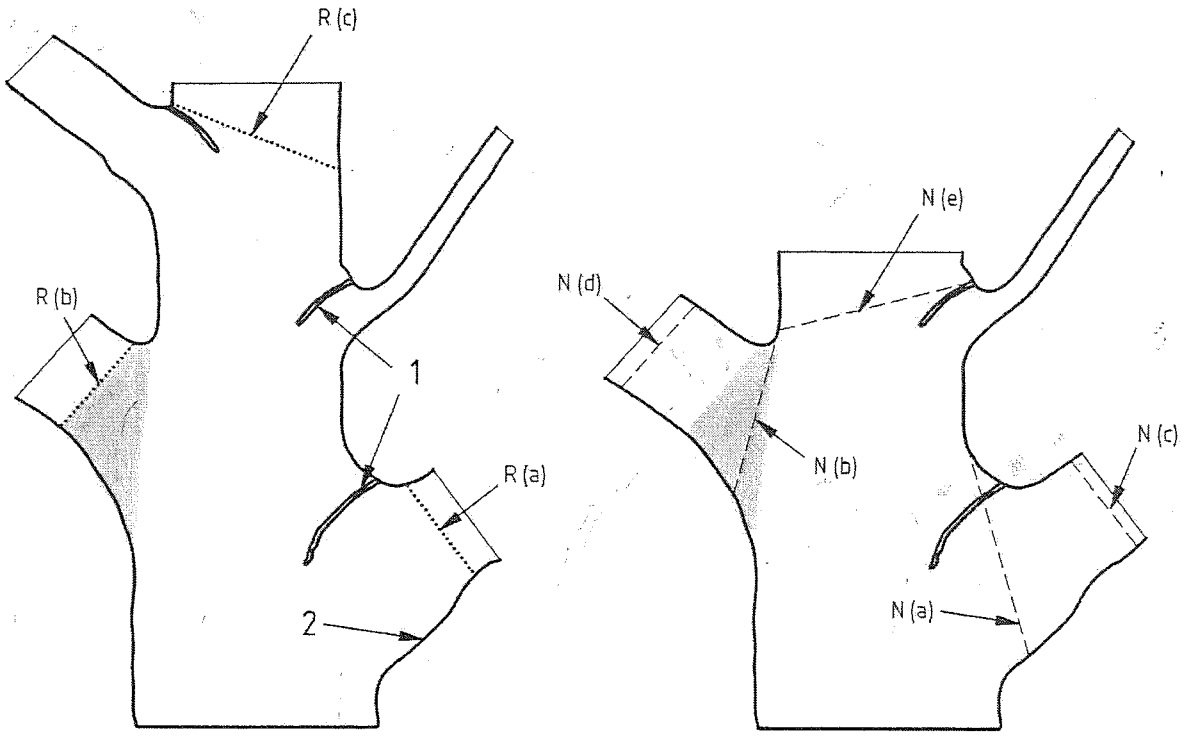
Figure 2 **Positions of final cuts**



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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