ARUN DISTRICT COUNCIL **Date:** 19/08/2015

ADC PARKS & GREENSPACE ARBORICULTURE

FROM: Dafydd Lloyd **TO:** Dan Vick

PLANNING APPLICATION: AW/186/15/T

ADDRESS: 31 Westminster Dive Aldwick PO21 3RE

BRIEF DESCRIPTION: Crown reduction of 2 No. Maple trees by 3 metres.

INSPECTION DATE: 18/08/2015

RECOMMENDATION:

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

T1 Species: Field Maple *Acer Campestre* **Height:** 9 meters **Average Branch Spread:** 3 meters **Crown Condition:** fair to good **Form:** fair **Age Class:** mature

T2 Species: Field Maple *Acer Campestre* **Height:** 10 meters **Average Branch Spread:** 3 meters **Crown Condition:** fair to good **Form:** fair **Age Class:** mature

Comments:

- The trees that have been cited in this application are standing in the rear garden of 31 Westminster Dive. Both trees however can be seen from the highway *Westminster drive* outside. Both trees are subject of active TPO orders.

- Form the site inspection it is clear that **T1** and **T2** have both had previous reduction/s. The applicant has outlined the desire to make a similar reduction/s to the reduction/s that have had historically taken place. However the applicants request to reduce by 3 meters would surpass the established pruning points. Therefore a smaller reduction would be more suitable.

Recommendation:

- **I would have an objection to the proposed reduction of 3 meters, as this would surpass the established pruning points.**

- **I would like to recommend a reduction of no more than 2.5 meters to both T1 and T2 to the established pruning points.**

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.

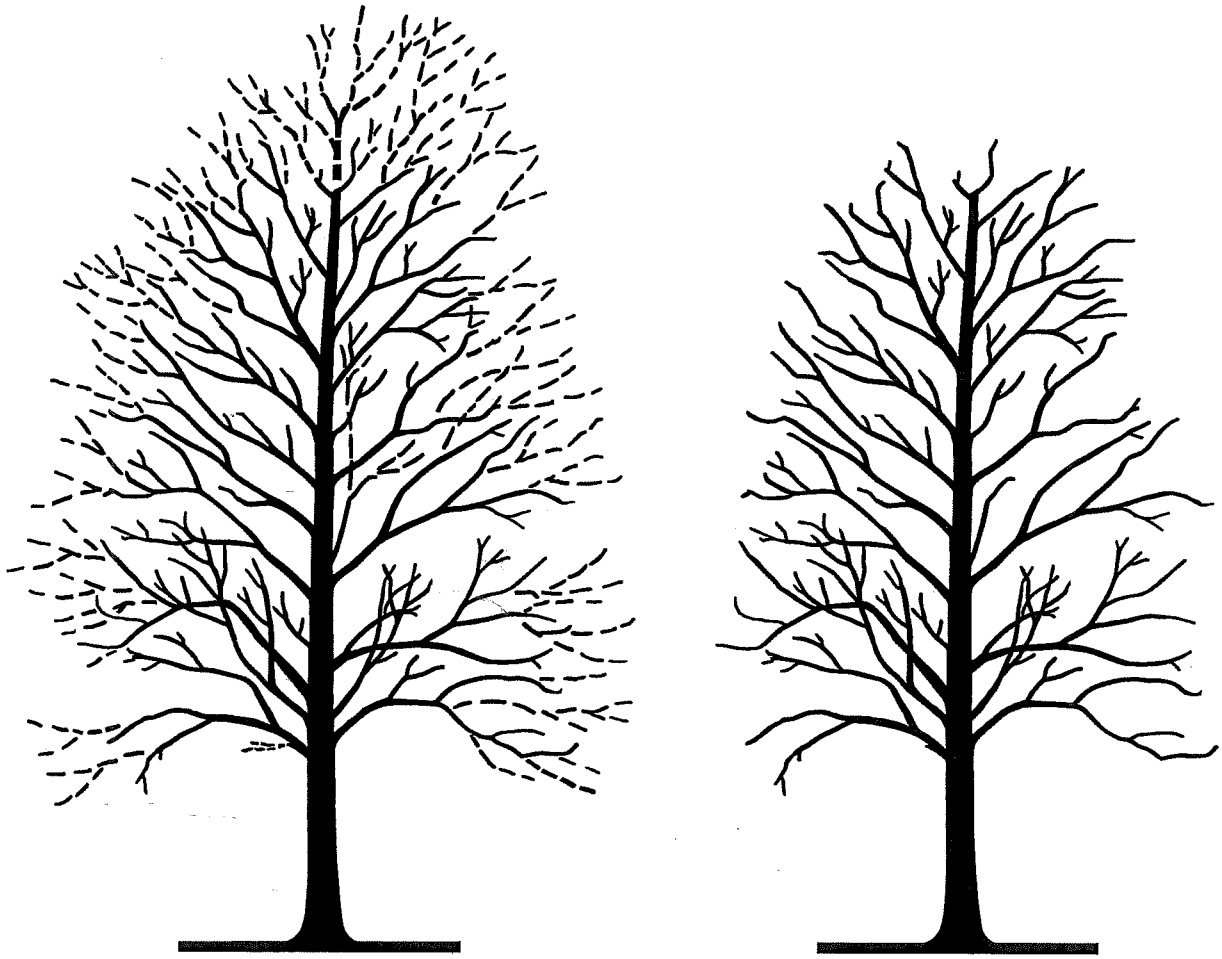
Crown Clean
The Crown Clean should consist of deadwood and stub removal where all cuts should be made to the branch collar. Where crossing branches are encountered the weaker branch/branches should be reduced or removed to avoid contact between them. The remaining branch/branches should be shortened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

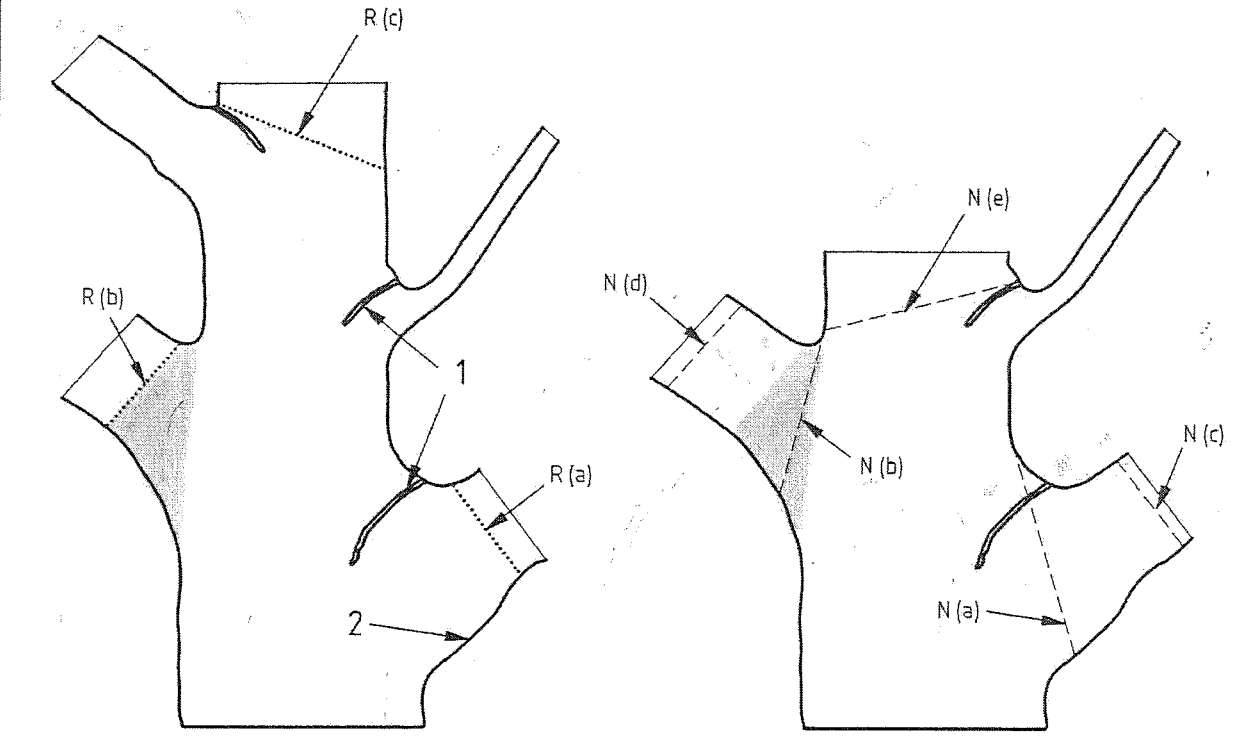
Following crown reduction or reshaping, the crown should generally be managed in accordance with one of the following objectives:

- 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.

ARUN DISTRICT COUNCIL AW/186/15/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 AW/186/15/T