ARUN DISTRICT COUNCIL **Date:** 03/02/2016

ADC PARKS & GREENSPACE ARBORICULTURE

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

PLANNING APPLICATION: FP/4/16/T

ADDRESS: Land bordering 68 Outerwyke Road & Shirleys Gardens Felpham Bognor Regis PO22 8NF

BRIEF DESCRIPTION: Various surgery to 2No. Oak & 8No. Sycamore trees

INSPECTION DATE: 03/02/2016

RECOMMENDATION:

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

T1 Species: Oak *Quercus spp* **Height:** 9 meters **Average Branch Spread:** 3.5 meters **Crown Condition:** fair **Form:** fair **Age Class:** early mature

T2 Species: Sycamore *Acer pseudoplatanus* **Height:** 13 meters **Average Branch Spread:** 2.5 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

T3 Species: Oak *Quercus spp* **Height:** 14 meters **Average Branch Spread:** 4 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

T4 Species: Sycamore *Acer pseudoplatanus* **Height:** 12 meters **Average Branch Spread:** 4 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

T5 Species: Sycamore *Acer pseudoplatanus* **Height:** 12 meters **Average Branch Spread:** 4 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

T6 Species: Sycamore *Acer pseudoplatanus* **Height:** 12 meters **Average Branch Spread:** 4 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

T7 Species: Sycamore *Acer pseudoplatanus* **Height:** 12 meters **Average Branch Spread:** 4 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

Comments:

- The trees that have been outlined in this application are standing in a linear belt on the eastern boundary of Shirley's garden driveway.

- For **T1**, the applicant has applied to reduce this specimen by 2 meters. From the site inspection it is evident that **T1** has had previous reduction/s that emulates the proposed reduction operation.

- For **T2**, the applicant has applied to reduce this specimen by 2 meters. From the site inspection it is evident that **T2** has had previous reduction/s that emulates the proposed reduction operation.

- For **T3**, the applicant has applied to reduce the two lowest west spanning limbs by 4 meters. From the site inspection it is evident that the reduction of these lateral limbs is unlikely to have a lasting negative impact on the atheistical value and/or longevity offered by **T3**. Also the applicant has applied to remove a heavily damaged (spit) western spanning lateral limb. Again the removal of this lateral limb is unlikely to have a negative impact on the atheistical value and/or the longevity offered by **T3**.

- For **T4**, the applicant has applied to reduce the western spanning limbs by 4 meters. From the site inspection it is evident that **T4** has had previous reduction/s that directly emulates the proposed reduction. Also from the site inspection it is evident that a number of 'pegs' have been left on **T4**. These pegs should be removed, and the final cut must be made where the branch collar and branch bark ridge are apparent.

- For **T5**, the applicant has applied to reduce the western spanning limbs by 4 meters. From the site inspection it is evident that **T5** has had previous reduction/s that directly emulates the proposed reduction. Also from the site inspection it is evident that a number of 'pegs' have been left on **T5**. These pegs should be removed, and the final cut must be made where the branch collar and branch bark ridge are apparent.

- For **T6**, the applicant has applied to reduce the western spanning limbs by 4 meters. From the site inspection it is evident that **T6** has had previous reduction/s that directly emulates the proposed reduction. Also from the site inspection it is evident that a number of 'pegs' have been left on **T6**. These pegs should be removed, and the final cut must be made where the branch collar and branch bark ridge are apparent.

- For **T7**, the applicant has applied to reduce the western spanning limbs by 4 meters. From the site inspection it is evident that **T7** has had previous reduction/s that directly emulates the proposed reduction. Also from the site inspection it is evident that a number of 'pegs' have been left on **T7**. These pegs should be removed, and the final cut must be made where the branch collar and branch bark ridge are apparent.

Recommendation:

- From the submitted application it is evident that the owner of said linear belt of trees has not given consent for the proposed pruning operations. **The applicant is reminded that consent is required before said operations are undertake.0n.**

- For **T1** and **T2, I would have no objection to a reduction of no more than 2 meters.**

- For **T3**, **I would have no objection to the reduction of 4 meters to the two lowest western spanning limbs and to the removal of a single heavily damaged western facing lateral damage.**

- For **T4 – T7**, **I would have no objection to the reduction of 4 meters to the western aspect and the removal of the 'pegs' that have left over from the previous pruning operation.**

- **The following conditions must be adhered to when completing the proposed operations:**

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.

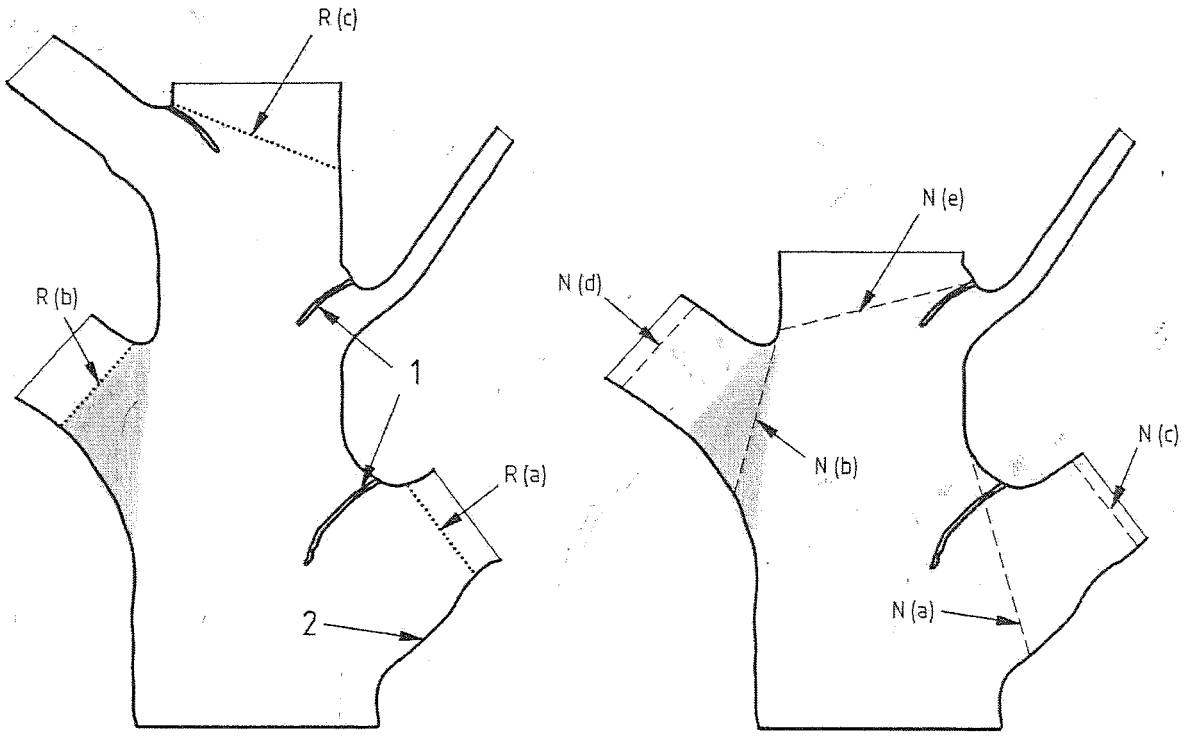
REASON: In the interests of the trees continued health and vitality and to accord with current industry guidelines and sound arboricultural practice.

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

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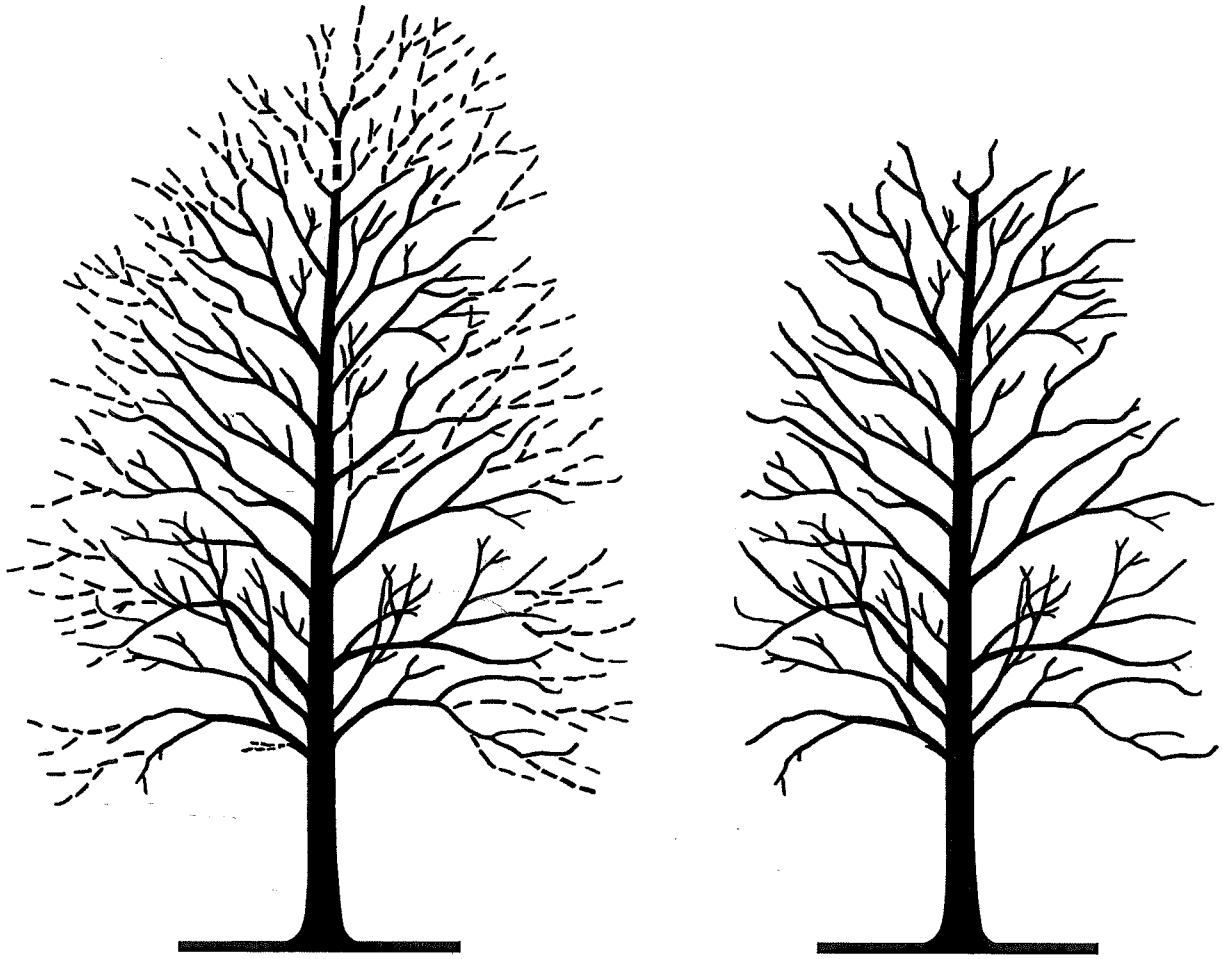
When specifying crown reduction and/or reshaping to create clearance from another structure or tree (see **7.8** and **7.9**), the points between which the clearance will be measured should be stated.

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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