

ADC PARKS & GREENSPACE ARBORICULTURE

FROM: Dafydd Lloyd

TO: Simon Davies

PLANNING APPLICATION: AW/169/15/T

ADDRESS: 3 Wychwood Close Aldwick PO21 4DW

BRIEF DESCRIPTION: Fell 2No. Plum trees, remove two limbs overhanging highway by 2.5m to 1No. Red Oak, Lop 1No. Maple by 1m to unmask street light, crown lift growth over highway to a head clearance height of 2.5m & reduce east growth by 1.5m to balance canopy to 1No. Flowering Cherry. Prune back 1No. Yew Tree over entrance drive & over highway by 1m

INSPECTION DATE: 28/07/2015

RECOMMENDATION:

Objection ☐ No Objection ☒ Split Decision ☐

Comment ☒ Recommendation ☒ Suggested Conditions ☒

Tree Replacement ☐ Dead/Dangerous ☐ CA & Amenity Value ☐

G1 Species: 2 x Purple Plum *Prunus cerasifera* **Height:** 3.5 meters **Average Branch Spread:** 1.5 meters **Crown Condition:** poor **Form:** fair to poor **Age Class:** mature

T2 Species: Red Oak *Quercus rubra spp* **Height:** 9.5 meters **Average Branch Spread:** 4.5 meters **Crown Condition:** good to fair **Form:** fair **Age Class:** semi mature

T3 Species: Maple *Acer spp* **Height:** 8.5 meters **Average Branch Spread:** 4 meters **Crown Condition:** good **Form:** good **Age Class:** semi mature

T4 Species: Flowering Cherry *Prunus spp* **Height:** 5 meters **Average Branch Spread:** 4 meters **Crown Condition:** fair **Form:** fair **Age Class:** mature

T5 Species: Yew *Taxus baccata* **Height:** 6 meters **Average Branch Spread:** 2.5 meters **Crown Condition:** good **Form:** fair to good **Age Class:** semi mature

Comments:

- The trees cited in this application are located within a conservation area. **The trees are not subject to TPO orders.**

- For **G1**, the applicant has applied to fell both individuals. From the site inspection, it is clear both individuals listed in **G1** are in the retrenchment stages of the lifecycles, as both specimens have less than a 20% dynamic mass
- For **T2**, the applicant has applied to reduce the two lowest limbs spanning towards the highway by 2.5 meters. From the site inspection, the reduction of the two lowest limbs by 2.5 meters is likely to prevent interference with vehicles using of the highway outside.
- For **T3**, the applicant has applied to reduce the lateral spread by 1 meter to give a clearance from the onsite lamppost. This action has clearly been designed to allow full illumination from the onsite lamppost.
- For **T4**, the applicant has applied to crown lift **T4** over the highway by 2.5 meters. The applicant has also applied to reduce the eastern spread by 1.5 meters. From the site inspection, it is clear that the crown lift over the highway (to the south) is designed to prevent interference with vehicles using the highway outside.
- For **T5**, the applicant has applied to reduce the lateral growth to southern and western aspect of **T5** by 1 meter. This action has clearly been designed to allow unhindered access to the neighbouring driveway and the highway outside.

Recommendation:

- **I would have no objection to the proposed operations to G1 – T5.**
- **The following are suggested conditions to adhere 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.

Crown Lift

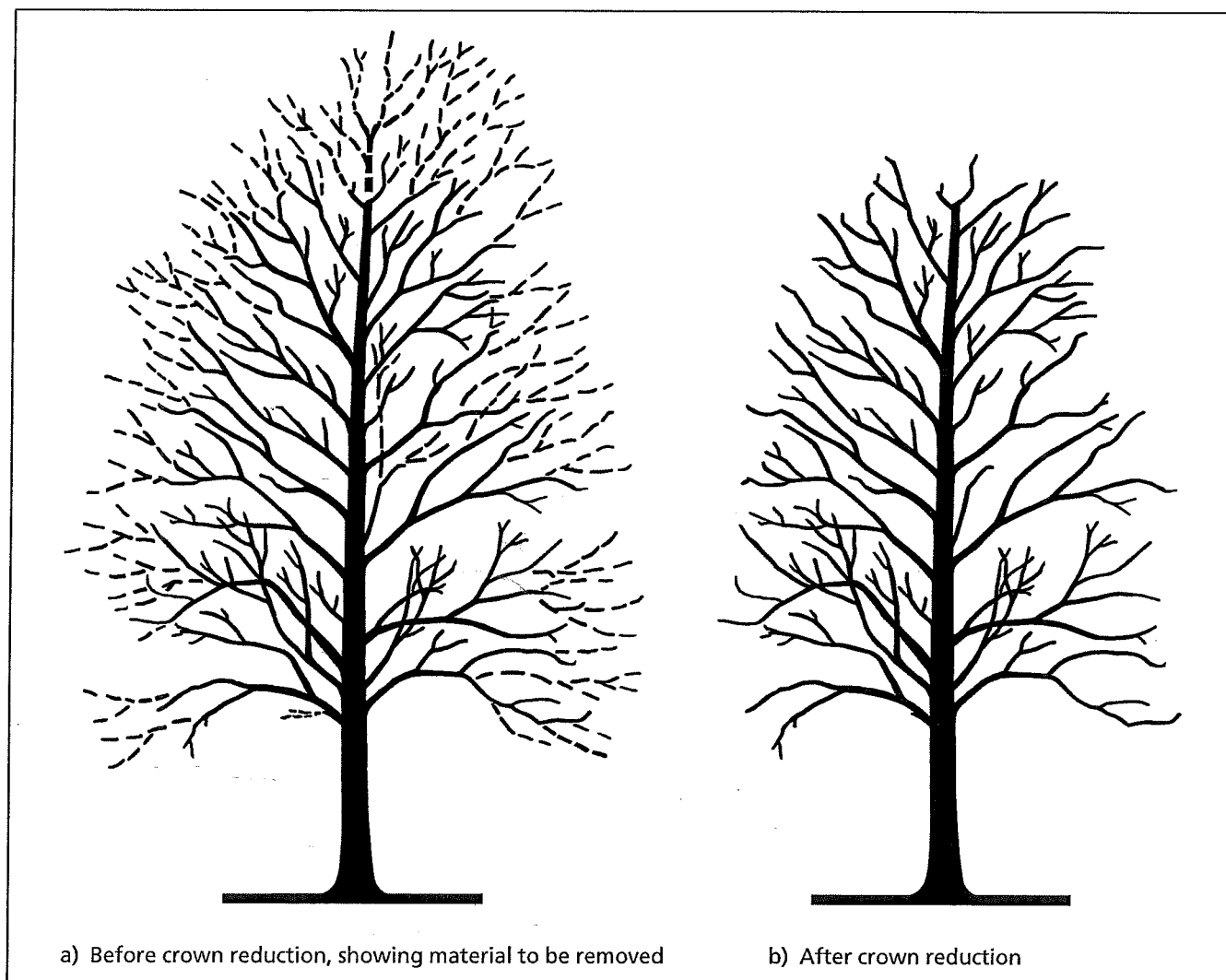
Branches found within the clearance height having diameters greater than **100mm** should be shortened and no more than 15% of the leaf bearing growth of that branch should be removed to facilitate the unobstructed free passage of vehicles and pedestrians.

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



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.

Figure 2 Positions of final cuts

