

ADC PARKS & GREENSPACE ARBORICULTURE

FROM: Dafydd Lloyd

TO: Richard Temple

PLANNING APPLICATION: FP/103/15/T

ADDRESS: 6 Manor Copse The Grove Felpham PO22 7AT

BRIEF DESCRIPTION: Reduce crowns of 11 No. Conifer trees by 3.5m & 1.5m laterally.

INSPECTION DATE: May 2015

RECOMMENDATION:

Objection ☐

No Objection ☒

Split Decision ☐

Comment ☒

Recommendation ☒

Suggested Conditions ☒

Tree Replacement ☐

Dead/Dangerous ☐

CA & Amenity Value ☐

T1 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T2 Species Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T3 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T4 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T5 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T6 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T7 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T8 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T9 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T10 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

T11 Species: Lawson Cypress *Chamaecyparis lawsoniana* **Height:** 11 meters
Average Branch Spread: 3.5 meters **Crown Condition:** fair **Form:** fair **Age**
Class: semi mature

Comments:

- The trees highlighted in this application are standing in a linear belt along the front (eastern) boundary of Manor Copse.
- It is clear from the site inspection that the trees cited in this application have had previous reductions. These reductions would of emulated the proposed reductions.
- 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 adhering to the instigated cycle of pruning is likely to increase the retention span of **T1 – T11**.

Recommendation:

- I would have no objection to the proposed operation/s of a vertical reduction of no more than 3.5 meters, and a lateral reduction of no more than 1.5 meters to **T1 – T11** to previous points.
- The following conditions must 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

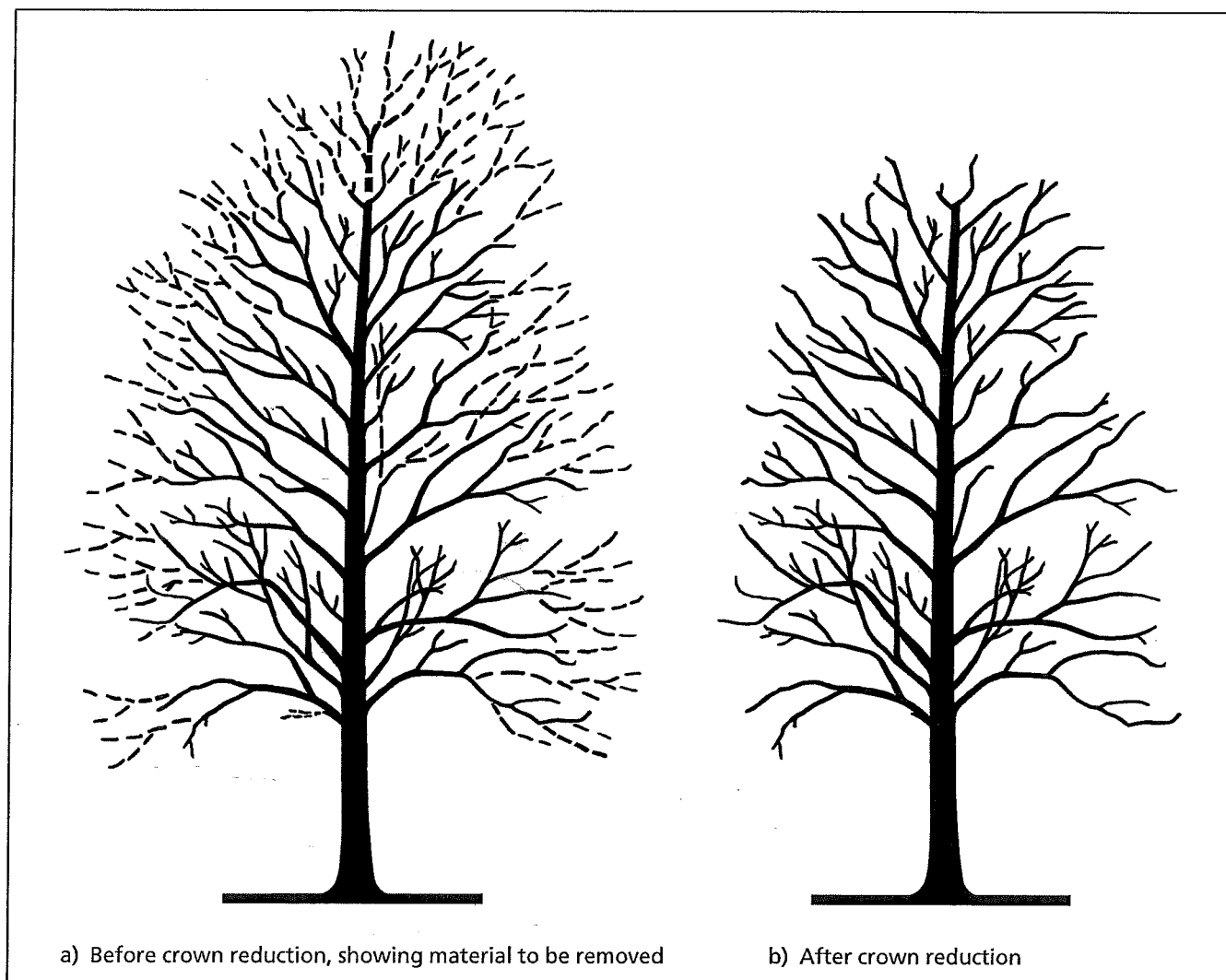
The Crown Clean should consist of deadwood and stub removal where all cuts should be made to the branch collar. Where crossing branches are encountered the weaker branch/branches should be reduced or removed to avoid contact between them. The remaining branch/branches should be shortened as appropriate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



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

