

KW Tree Care

Tree Condition & Works Recommendation Report

Site Address: 1 Broadlands Road, N6

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T1 – Red Horse Chestnut (*Aesculus × carnea*)

Observations:

A mature tree positioned adjacent to a public road, footpath, and residential property. The main stem exhibits a pronounced longitudinal cavity extending vertically through the lower stem. Ivy was locally cleared to facilitate inspection.

Structural Defects Identified:

- Advanced columnar decay within the main stem, with visible internal degradation
- Decayed wood is softened, friable, and discoloured, indicating long-term dysfunction
- Lack of effective wound occlusion and ongoing exposure of internal tissues
- Full-depth stem compromise suspected, with decay likely extending vertically and radially
- Buckling and cracking at cavity margins suggest historic structural loading stress
- Large occlusion growths (burling) indicate prolonged compartmentalisation attempts
- Residual wall thickness is insufficient to provide reliable structural support

Crown Condition:

The crown displays good vitality and normal seasonal leaf density. However, physiological vigour does not mitigate structural instability.

Risk Context:

The tree is situated within a high target area, immediately adjacent to a road, pavement, and residential building. Failure of the main stem would present a high likelihood of impact with people, vehicles, or structures.

Conclusion & Recommendation:

The tree exhibits severe structural weakness associated with extensive columnar decay and insufficient load-bearing capacity. Due to the irreversible nature of the defect and the high target environment, retention is not considered appropriate.

Recommendation: Fell to ground level on safety grounds.

T2 – Lime

Extensive deadwood throughout the crown.

Recommended Works: Crown clean to remove dead, damaged, and diseased branches.

Apply for a 10% crown thin. The basis of the application is to allow flexibility for removal of diseased material in addition to deadwood, which would typically be exempt from application.

T3 – Chestnut

Extensive deadwood and partially split branches throughout the crown.

Recommended Works: Remove dead, damaged, and diseased branches.

Apply for a 10% crown thin to facilitate removal of defective material beyond standard deadwood exemptions.

T4 – Cedar

Recommended Works: Crown lift to 4 metres. Selectively remove branches back to the stem, or where branches exceed 100mm diameter, prune appropriately rather than remove, to achieve approximately 2–3 metres clearance from gutters and dormer.