

8<sup>th</sup> November 2024

**Summary Comments on T1 and T4, Sycamores trees at 10 Thurnscoe Hall Mews, High Street, Thurnscoe, S63 0AF**

T1- Sycamore - An edge tree which a part of a line of 4 x Sycamore trees.

Two large branches failed in the upper part of the crown at around 14m on the 23<sup>rd</sup> August 2024. Minor hanging broken branches are also present in the northern side of the canopy.

The branch failures occurred during windy weather and failed into the children's play areas within the rear garden of this property.

The two branches that failed were within the western upper section of the canopy of tree T1. They failed at branch unions.

As observed from ground level, the wounds appear clean but are situated close to branch unions of branches still present.

The remaining branches that are still attached to the unions that failed, have "lion- tail" - like structures, and the wounds at the unions elevate a risk of decay at these areas.

A minor crown reduction by 0.5m- 1m of the upper and western canopy of this tree to suitable pruning points is proposed, to reduce these remaining branches with "lion-tail" structures to reduce the wind loading on them, considering the wounds at the unions. This is to reduce the likelihood of them failing onto targets below.

An illustration of the proposed crown reduction is shown below:



Branches with “lion-tail”- like structures as a result of neighbouring branches failures.

Area of recent branch failures with visible gap in the canopy above as a result

Figure 1: tree T1 with proposed pruning points to suitable union approximately illustrated by red lines. These are indicative and the final pruning points will be determined by the arborist on site during the climb. The wounds of the recent branch failures are indicated in blue circles.

## Tree T4- Sycamore



*Figure 2: Tree T4 with branch proposed to be crown lifted indicated. Pruning point indicated by red line.*

One branch on the northeast of T4 @ around 4m above ground level is proposed to be crown lifted for clearance above neighbouring garage. This branch is becoming over-extending beyond the extremities of the canopy (Figure 2)

Pruning work must be carried out to suitable pruning points as per BS998:2012 by a suitably qualified and experience arborist.

Please see attached document showing photographs.

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Selwyn Trees