

Full Specification of Proposed Tree Works

Revision 1

Tree: Common Lime (*Tilia × europaea*)

Location: 20 Queens Road, Waterloooville, PO7 7SB

Proposed Works:

- Pollard 1 No. Common Lime (*Tilia × europaea*) by reducing the crown to a finished height of approximately 15 metres from the current height of approximately 22 metres, resulting in the removal of approximately 7 metres of vertical growth.
- Reduce the western aspect of the crown to a finished spread of approximately 7 metres from the current spread of approximately 8 metres, resulting in the removal of approximately 1 metre of lateral growth
- Reduce the eastern aspect of the crown to a finished spread of approximately 7 metres from the current spread of approximately 9.7 metres, resulting in the removal of approximately 2.7 metres of lateral growth.
- The current overall lateral crown spread is approximately 18 metres; following the works, the crown spread will be reduced to create a more balanced and structurally sustainable canopy.
- Remove secondary and tertiary growth back to suitable growth points throughout the crown, retaining the principal structural framework and natural form of the tree in accordance with BS 3998:2010 Tree Work – Recommendations.
- Undertake approximately 15% crown thinning throughout the remaining canopy to remove crossing, congested, weakly attached, dead, dying, diseased and suppressed growth while maintaining an even foliage density and natural appearance.
- Crown lift to provide a minimum clearance of 5.5 metres above the carriageway. Existing clearance is approximately 3.6 metres above the highway and approximately 2.5 metres above the adjacent pavement. Remove or shorten lower branches as necessary to achieve 3m clearance and improve safe passage for vehicles and pedestrians.
- Remove all deadwood greater than 25mm diameter and any diseased, damaged or structurally defective branches identified during the works.
- All pruning cuts to be undertaken in accordance with BS 3998:2010 Tree Work – Recommendations and current arboricultural best practice.

Reasons for the Works:

The tree has developed a heavily one-sided crown extending over the public highway, pavement, and neighbouring access areas. The tree has experienced branch shedding within pedestrian and vehicle-use areas and presents an increasing risk to public safety. The root system is also

causing substantial damage to the tarmac driveway serving two residential properties, resulting in surface lifting, cracking, and trip hazards.

The proposed pollarding will:

- Reduce the risk of branch failure and falling debris.
- Improve public safety for pedestrians, road users, and property owners.
- Rebalance the crown and reduce mechanical loading on major limbs.
- Facilitate disease management and ongoing inspection of the tree.
- Promote vigorous regrowth and improve long-term tree health.
- Enhance the appearance and amenity value of the tree.
- Extend the useful life expectancy of this mature specimen.
- Maintain and enhance biodiversity benefits for birds, insects, and other wildlife.
- Improve resilience to future storm events and climate-related stresses.
- Preserve the tree as an important landscape and heritage feature while managing its impact on surrounding infrastructure.