

ALL SEASONS TREE SERVICES
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2.6.22

Woolworths
134 Main St
Greytown

Dear Victoria,

The following is the report on the condition of the Copper beech at the front of the above address.

The tree was inspected on 16.5.22

Description of the tree

Fagus sylvatica 'purpurea' (Copper beech)

Height – 19m

Spread – 17m

Diameter at breast height – 146cm

The tree is situated near the end of an uninterrupted lawn space 23m long and 10m wide. On the S side is a building 4m from the tree, on the E side is a public footpath and SH2 3m away, on the N side is a tarsealed driveway giving access into number 134 and is 5m away, on the W side is the house on the property and that is 19m away.

The tree is very upright and has no perceptible lean.

Form – the tree is multi-stemmed with 4 main leaders, none more dominant than any of the others.

The branches are well attached at the correct angles and are arranged well along the length of the main stems.

The base of the tree is where the stems originate and most of that area is well formed and stable.

There is one stem though, that doesn't have a very solid join to the rest of the trunk. The evident joining wood ends at about 40cm from ground level and that stem then goes on to become one of the main leaders. There may well be included bark between the stem and the main trunk which is a weak point prone to failure.

Canopy

Density, colour and vigour are all excellent and the leaves had begun their autumn colour change but were still plentiful.

There was very little broken wood in the canopy and very little dead wood. There were some crossed branches with the ensuing bark damage where they rub in the wind but that was not excessive and didn't really interfere with the tree's vitality.

There has only been a small amount of pruning done in the tree and that was exclusively to remove branches encroaching on the neighbouring commercial building.

Some of the cuts made to do that were poor and showed little occlusion of the cut. Others were excellent and showed excellent occlusion. (Occlusion occurs when the tree grows new tissue over a cut. This helps contain any decay and precludes any ongoing insect infestation)

Roots

There is consistent root flair round the base of the tree with good placement of the main holding roots.

There is no obvious signs of decay or other root issues and only very light mower damage to be seen.

Being situated where it is, with a big lawn space around it, I would imagine the root run to be excellent and there to be plenty of nutrient and water availability.

Conclusions

The tree has a very symmetrical cone-like shape and is in very good condition. It is a visual asset to the site and has tremendous amenity value.

There is some minor decay in the lower part of the tree. This is where branches have been cut incorrectly and is confined to a large branch on the S side.

There is also the leader that is poorly attached to the main trunk. Ordinarily it would not be of much concern, however, as it is on the E side of the tree, if it were to fail it could cause considerable danger to people and traffic using the footpath and main street.

The risk can be easily lessened by a reduction in the height and sail area of that stem. There would be no ill effect on the health of the tree by doing this and the risk of failure of that stem would be massively reduced.

Overall this is a beautiful tree in excellent health with great vigour.

Yours sincerely

Henri van de Weyer