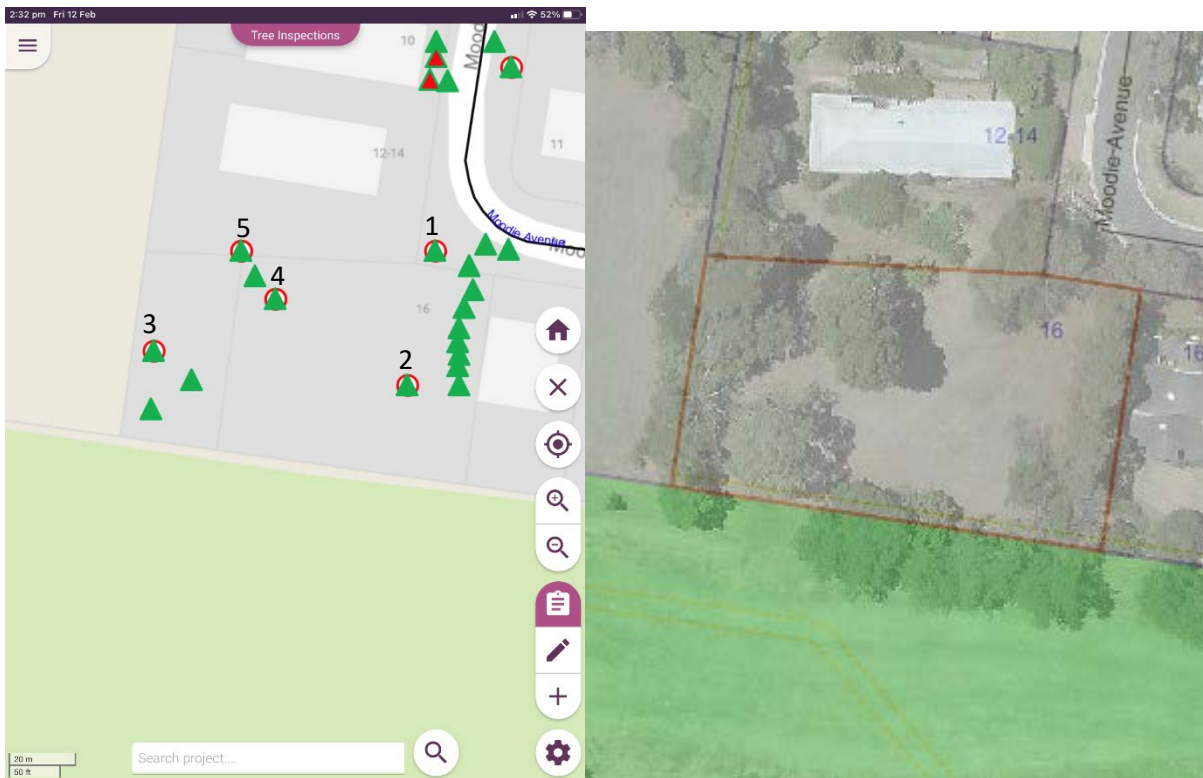


RISK ASSESSMENT – TREES – 16 MOODIE AVENUE, HAMILTON.



See above tree asset overlay from Konect, trees represented with just a green triangle are defect free within the data captured through Konect.

The trees with the red circle behind them have defects added to the asset, 3 of these need to be removed, the other 2 should have their removal considered based on their potential risk



Above is Tree numbered 1.

Dead Eucalyptus, with a height of approx. 30m, has the potential to reach either neighbouring house in event of failure, will definitely drop smaller limbs in short term, event of total failure should be expected in next 2-3 years.

Due to the amount of human and property occupation within the fall zone of this tree it has a high risk rating.

Removal of this tree is suggested



Above is group of trees numbered 2.

Several *Acacia mearnsii*, a couple are dead, most others are over mature and will soon die, these trees degrade quickly after dying and will fail frequently, the risk of failure is high but the risk of damage is much lower given they will not reach property and have a much lower occupation time around them by the public.

Removal of these trees is suggested.



Above is Tree numbered 3.

Dead Eucalyptus, with a height of approx. 30m, this tree cannot reach property in the event of failure and has a much lower occupation time than tree 1, will definitely drop smaller limbs in short term, event of total failure should be expected in next 3-4 years as this tree has very recently died as is not yet fully defoliated.

Risk rating for this tree is relatively low.

Removal of this tree is suggested



Above is Tree numbered 4.

Structurally poor *Corymbia maculata* (Spotted Gum), This tree has multiple leaders and at these points has weak unions as shown by the large growths around these areas which is the tree trying to add support to these weaker connections, one section of this tree will fail at some point, after which the rest of the tree will likely follow in short order due to changes in pressures from weather etc.

Risk rating for this tree is relatively low as the weather conditions most likely to cause the tree to fail are severe and occupation of the area in such conditions is unlikely.

Removal of this tree may be a good idea, but risk mitigation in keeping people away from the tree is also a good option.

Tree 5 is a smaller version of 4 and while is structurally not great either is unlikely to fail without the larger tree first failing and no longer protecting the smaller from strong winds etc.