



Chris Anderson  
Certificate 4 Arboriculture  
PO BOX 20556  
Nimbin  
NSW 2480

M: 0419 628 991  
H: 02 66 891 891  
[chris@swingtreeservice.com.au](mailto:chris@swingtreeservice.com.au)

TREE REPORT: 14 Killarney Crescent Lennox Head.

As requested, this report will look at the position, impact and likely future problems associated with the *Ficus benjamina* (Weeping Fig) located at the above address.

Location of Tree and Services:

The tree is located on council land between the footpath and the above property. Underground power runs directly under the tree. There is a power box several meters from the trunk. Water supply runs adjacent to the tree.

Current issues caused from the roots.

The power box has been lifted so it no longer sits upright. There are underground services that are becoming impacted by the root zone. The roots have lifted the surrounding paving.

Previous Solutions:

Previously, in order to address these issues, the pavers have been removed, roots pruned and the pavers re-laid. This has provided a temporary solution to the pavers lifting however it will not protect the underground power and water services and as fig roots are particularly invasive this is likely to have a significant impact.

Possible root barrier use:

Root barrier could be used to protect the paved areas however the underground services are directly beneath the tree. There is no form of root barrier available, that I am aware of, that can be installed directly underneath the root plate of the tree.

Recommendations/Options:

As root barrier is not an option to protect the underground services I suggest either relocating the services or the removal of the tree.



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TREE REPORT: 1/15 William St Alstonville.

As requested, this report will outline the basic details regarding the Red Bean (*Dysoxylum muelleri*) tree located on Ballina Shire Council land at the rear of 1/15 William St Alstonville. The tree has had recent crown and root pruning in response to complaints about the impact of both fruit droppings and root encroachment by the resident of the above property. Additional pruning has been requested by the resident and this report will outline the issues involved with considering this additional pruning while maintaining tree health and stability.

Location of Tree:

The tree is located on council land but within approximately 200mm of the fence of the 1/15 William St.

Previous Pruning of Tree:

Crown and root pruning was performed by myself (Swing Tree Service) to reduce the impact the tree on the property while still maintaining the health and stability of the tree. This work occurred on the 14/10/15.

Crown Pruning:

The crown was pruned to reduce leaf and seed dropping onto both the house and steps that lead to the deck area. While further pruning may decrease the impact of the tree it is likely to compromise the health and balance of the tree.

Root encroachment:

There is a large root coming under the resident fence line and leading towards the house. This is causing a raised area in the lawn. The root has now been pruned back so that it terminates approximately one meter inside the fence line. At this point the root is approximately 150 mm in diameter. The pruning was terminated at this point in order to maintain the stability of the tree as this is the major structural root on that side of the tree. By pruning this root we have encroached the maximum amount desirable into the structural root zone (SRZ) of the tree. In my view, it would not be recommended to remove any more of the structural root as this is likely impact on both the health and stability of the tree.

Recommendations:

If the tree is to be preserved then this is the maximum recommended pruning of both the crown and root zone. If it is necessary to remove more of the root zone

**11.5 Tree Removal.DOC**

due to impact on the resident then I would recommend considering a complete removal of the tree.