TROJENS & CO PTY LTD
TRADING AS
PROFESSIONAL TREE SURGEONS

9 / 69 HECTOR STREET
OSBORNE PARK
PERTH W.A.
6017
T 08 9204 1744
F 08 9204 1755
pts@bigpond.com
A.B.N. 16 114 203 465

11/04/2014

Town of Cottesloe
Attention: Dave Derwin
109 Broome Street
Cottesloe WA 6011

Dear Dave,

Re : Norfolk Island Pine Outside 52 Forrest Street, Cottesloe

Further to the arborist report dated 21/01/2014 regarding the above Norfolk Pine tree, the costings for accelerometer or tilt sensor set up, monitoring and reporting would be $1,700.00 excluding GST. This includes data collection and a full set up on a control tree.

If the considered works to remove and replace both the existing old wall and staircase were to be carried out, this type of testing with tilt sensor would not be recommended. The root plate would be destabilised and the tree would then be rendered unstable in all weather conditions. In other words, it would fall below what would be considered the normal levels of stability for a Norfolk Island pine in this area and therefore should be removed and replaced with a suitable planting.

Should you have any queries please do not hesitate to contact me.

Kind regards,

R Turner

Royce Turner
Directing Arborist

TOWN OF COTTESLOE

The Town of Cottesloe does not warrant the accuracy of information in this publication and any person using or relying upon such information does so on the basis that the Town of Cottesloe shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

Scale 1:381

Wednesday, 15 January 2014

N

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

PROFESSIONAL TREE SURGEONS

TROJENS & CO PTY LTD

Arborist Assessment and Report

Prepared for : Town of Cottesloe

Subject: Tree: Norfolk Island Pine (Araucaria heterophylla)

Location: Out side 52 Forrest St Cottesloe

Date : 21/1/2014

Prepared by : Royce Turner
Cert Arb.

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

Professional Tree Surgeons

Request:

I was requested to inspect the Norfolk Island Pine tree situated on the verge out side 52 Forrest Street. The following is a brief of my findings and opinion on the condition at this time.

Tree Assessment Method:

The Pine tree on the site was assessed on a ground level visual assessment basis. No aerial or climbing inspection performed and no inspection below ground level undertaken at this time. No root samples were taken.

There are many variables that require consideration as part of this process including the health and vigour, structure and location, known species traits and environmental factors.

Key Findings:

Tree continue to show good health and vigour. This is shown by the health in the peripheral foliage and by the overall volume of foliage mass. Some minor dead wood is noted throughout the canopy. This is part of the natural growth process. There is no evidence of damage to the cambium layer on the lower trunk.

The structural form of this tree shows a lean to the north up to 20 m and then for the remaining 8 m or so of the top is vertical. This vertical growth habit is a correction at some point in the trees life and is evident in the photo.

The complete integrity of the root zone around the trees is unknown however going by the health and vigour of the canopy it would suggest a healthy vascular system and in turn a healthy root system. Evidence of this can be taken from large expansion cracks in the adjacent walls and path caused by the expanding root system.

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

Key Findings Continued :

This does not guarantees the structural or (buttressing root) integrity. The buttressing root form is simply not known.
Information regarding the surrounding area and what may have happened to the roots zone over the years is not available.

Based on my ground level observations any risk associated with this tree looks to be remaining within what would be generally considered acceptable levels. However I will reserve giving a final risk assessment at this point, until further darter and measurements are taken.

Future Observations and Management recommendations:

Accelerometer or tilt sensor would need to be fitted to this tree and one of the neighbouring trees in the street of the same basic dimensions as a direct comparison.
This would be to assess if the tree or root plate is moving excessively and would normally be conducted during a strong wind event over a 24-hour period.

Based on my observations there appears to be no recent movement in the soil regarding compaction on one side and or heave on the other however further investigation of the immediate root plate should be undertaken. Further assessment over a number of set appointments and measurements will assist in determining if there is excessive root plate movement. Static point photos will also assist in monitoring any movement.

Re Inspect this tree for health and vigour on a six-month basis.

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

Professional Tree Surgeons

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

Professional Tree Surgeons

Summary:

It is my opinion that this Norfolk Island Pine is in relatively good health considering it location and surrounds. however I recommend further investigation to determine if it is to be considered a high risk tree. it is important to bear in mind that all trees are living organisms and particularly ones of significant size represent a risk

It is important to remember that all trees are living organisms and as such represent a level of risk particularly ones of significant size regardless of health all lean.

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

Professional Tree Surgeons

Should you have any queries regarding the contents of this report please do not hesitate to contact me.

Prepared by : Royce Turner
Cert. Arborist (UK)

9/69 Hector Street
Osborne Park
Perth W.A.
6017
T 08 9204 1744
F 08 9204 1755

Professional Tree Surgeons

Disclaimer and Limitations :

This advice has been provided in good faith and based upon the material information provided by the Client. This report only covers identifiable defects present at the time of inspection. The author accepts no responsibility or can be held liable for any structural defect or unforeseen event/situation that may occur after the time of inspection.

The author cannot guarantee trees contained within this report will be structurally sound under all circumstances, and cannot guarantee that the recommendations made will categorically result in the tree being made safe.

Unless specifically mentioned this report will only be concerned with above ground inspections, that will be undertaken visually from ground level.

It is also important to take into consideration that all trees are living organisms and as such there are many variables that can affect their health and structural properties that remain beyond the scope of reasonable management practices.

Care has been taken to obtain all information from reliable sources. All data has been verified so far as possible; however, the author can neither guarantee nor be responsible for the accuracy of information provided by others.