

# Palmerston North City Council

## Notable Tree Survey March and April 2011

Address	9 Featherston Street	
Tree name	Norfolk Island Pine ( <i>Araucaria heterophylla</i> )	
Location of the tree on the site	Front garden	
Owner's name		
Date of STEM Assessment	28 June 2014	Inspected by John Wakeling

### Dimensions

Height m: 27	Girth @ 1.4m: 3m	Spread m: 13m
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### Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	<u>Very Good</u>	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	<u>Very Good</u>	Excellent	21
Function	Minor	<u>Useful</u>	Important	Significant	Major	9
Age (years)	10+	20+	<u>40+</u>	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	<u>27+</u>	27
Subtotal						108

### Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	<u>Front Yard</u>	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	<u>Visible from principal rd</u>	Visible from arterial rd	21
Proximity	Forest	Parkland	Group of 10+	<u>Group of 3+</u>	Solitary	21
Role	Minor	Moderate	<u>Important</u>	Significant	Major	15
Effect on Climate	Minor	Moderate	<u>Important</u>	Significant	Major	15
Subtotal						87

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
Historic						
Age 100+	Local	District	Regional	National	International	
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	Local	District	Regional	National	International	
Relict	Local	District	Regional	National	International	

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<b>Scientific</b>						
<b>Source</b>	Local	District	Regional	National	International	
<b>Rarity</b>	Local	District	Regional	National	International	
<b>Endangered</b>	Local	District	Regional	National	International	
<b>Subtotal</b>						<b>0</b>
<b>Total Points</b>						<b>195</b>

**Inspection Report**

<b>Requested for/by</b>	Routine	Storm Damage	Owner	Developer	DP Review	
<b>Pruning History</b>	Recent work includes : no recent work					
<b>Built Environment</b>	Small tight front yard	Standard suburban	Large house and grounds	Other (describe)		
<b>Garden environment</b>	Solo tree	Few trees	Many trees	Mainly exotic/native		
<b>Local Environment</b>	Few trees	Some trees	Well treed neighbourhood			
<b>Age Class</b>	young	Semi mature	Mature	Post mature		
<b>Special value</b>	Horticultural	Landscape	Specimen	Historical	Botanical	
<b>Structural Character</b>	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
<b>Form</b>	Refer to STEM score sheet					
<b>Crown Shape</b>	Typical	Atypical	Wide/spreading/low crown; conflict with spouting	Influenced by wind	Affected by other trees	
<b>Foliage Health</b>	Good	Poor, if so, explain				
<b>Limb Structure</b>	Typical or sound	Atypical, if so, explain				
<b>Trunk character</b>						
<b>Root Zone</b>	Garden	Natural	Lawn/paddock	U/g services apparent?	Driveway turning area	
<b>Comments</b>						

**Maintenance Required**

Category	Priority	Recommended Action	Timing (from April 2014)	Actioned	Completed
<b>Amenity</b>	routine	Lift crown to clear roof.	Any time henceforward		
<b>Health</b>					
<b>Safety</b>					
<b>Overhanging b'dry</b>	routine	monitor			

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## Standard procedures

Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'nded for notable trees) - other

## Special Measures and recommendations

Mulch base – irrigate – improve drainage – under-plant – cable brace - other

## Timeline

Now - 5 years - 5 yearly - As required

## Comments

Note the damage to the driveway and car park area – the tree is almost certainly the cause of the heaving and displacement. It will be difficult to install any new hard surface without damage to the tree. A low retaining wall loosely built around the lawn area could become a useful mulching area where dead and fallen leaves can be stacked.



Figure 1, the silhouette of the tree. Note the conical apex

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Figure 2, front yard where the tree takes up a lot of the garden



Figure 3, street view