

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	128 Salisbury Street, Ashhurst	
<b>Tree name</b>	Oak ( <i>Quercus robur</i> )	
<b>Location of the tree on the site</b>	Front, close to the boundary	
<b>Owner's name</b>		
<b>Date of Inspection</b>	1 April 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 16	Girth @ 1.4m: 3.40	Spread m: 16
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	Common	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	Good	Very Good	Excellent	21
<b>Function</b>	Minor	Useful	Important	Significant	Major	9
<b>Age (years)</b>	10+	20+	40+	80+	100+	21
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
<b>Subtotal</b>						90

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
<b>Visibility</b>	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	15
<b>Proximity</b>	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
<b>Role</b>	Minor	Moderate	Important	Significant	Major	27
<b>Effect on Climate</b>	Minor	Moderate	Important	Significant	Major	15
<b>Subtotal</b>						93

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						
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	
<b>Scientific</b>						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						0

### Total Points

**183**

## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	No recent pruning, powerline pruning has been done quite sensitively.					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native		
Local Environment	Few trees	Some trees	Well treed neighbourhood			
Age Class	young	Semi mature	Mature	Post mature		
Special value	Horticultural	Landscape	Specimen	Historical	Botanical	
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
Form	Refer to STEM scoresheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by power lines	
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical sound	or Atypical, if so, explain				
Trunk character	Short bole, slight lean away from wind, massive and solid looking					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	The tree is looking better with each visit. The garden is well tended and designed around the tree.					

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>	<b>routine</b>	Raise/trim crown when needed	5 years		
<b>Health</b>	-				
<b>Safety</b>	-				
<b>Overhanging b'dry</b>	<b>routine</b>	The outer edges of the crown are kept pruned by the power company	As required		

<b>Standard procedures</b>	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded for notable trees) - other
<b>Special Measures and recommendations</b>	Mulch base – irrigate – improve drainage – underplant – cable brace - other
<b>Timeline</b>	Now - 5 years - 5 yearly - As required

<b>Changes noticed in last five years</b>	Improvements in the tree health and maintenance regime.
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## Photographs



Figure 1. Tangle of overhead power lines and supporting poles



Figure 2. House and tree.



Figure 3. Tree and Garden





Figure 4. The need to prune away from the high tension lines is apparent.



Figure 5. The challenge: to reduce the impact of the overhead lines outside the property.



# Palmerston North City Council.

## Notable Tree Survey March 2011

<b>Address</b>	<b>11 Seddon Street</b>
<b>Tree Name</b>	<b>Norfolk Island Pine (<i>Araucaria heterophylla</i>)</b>
<b>Location of Tree(s) on Site</b>	<b>Front garden of a corner section</b>
<b>Owners' Name</b>	<b>A tenanted property</b>
<b>Date of Inspection</b>	<b>8 March 2011</b>

Dimensions		
Height: 18+	Girth @ 1.4m: 2+	Spread: 12

Condition Evaluation						
Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	Very good	Specimen	21
<b>Occurrence</b>	Predominant	Common	Infrequent	Rare	Very rare	9
<b>Vigour and Vitality</b>	Poor	Some	Good	Very good	Excellent	27
<b>Function</b>	Minor	Useful	Important	Significant	Major	9
<b>Age (years)</b>	10+	20+	40+	80+	100+	15
<b>Stature (m)</b>	3 - 8	9 to 14	15 to 20	21 to 26	27+	15
Subtotal Points						96

Amenity Evaluation						
Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
<b>Visibility (from 1km)</b>	No view	Visible from Local Rd	Visible from Collector Rd	Visible from Principal Rd	Visible from Arterial Rd	15
<b>Proximity</b>	Forest	Parkland	Group 10+	Group 3+	Solitary	21
<b>Role</b>	Minor	Moderate	Important	Significant	Major	15
<b>Effect on Climate</b>	Minor	Moderate	Important	Significant	Major	9
Subtotal Points						75

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
<b>Stature</b>						0
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	Local	District	Regional	National	International	0
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	Local	District	Regional	National	International	
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						0
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal Points						0
<b>Total Points</b>						<b>171</b>

The Standard Tree Assessment Method (STEM) [Author: Ron Flook] Modified PNCC

## Palmerston North City Council, Notable Tree Survey 2011

**NEW TREE PROPOSED BY:** Ray Price

**COMMENTS/REASON FOR PROPOSAL:** none given. The tree was proposed in 2005 and the telephone number (358 4348) is no longer connected.

### ASSESSORS' NOTES:

Damage (old and recent): The tree has formed a mound as it has grown and its below ground root mass has expanded. There is some minor lawn mower damage to the surface roots of the tree.

Threats: the tree is only five meters away from the house. It is likely that this will be seen as too close for comfort by tenants, now or in the near future

Potential development nearby?: Unknown. The property is well-maintained and in a well established neighbourhood.

Suggested remedial work, care and maintenance: The crown extends over the roof and shades part of the house. Routine pruning could remedy the problems.

Routine: deadwood – **crown lift – reduce crown width** – thin crown – height reduction (not recommended for notable trees) - other \_Prune away from the roof and lift the crown.

Special measures and recommendations: mulch base and underplanting the area around the base of the tree; root damage could be reduced and mower damage reduced.

This tree exceeds the 160point threshold to become a notable tree.

(Photos below)



## Palmerston North City Council, Notable Tree Survey 2011



## Palmerston North City Council, Notable Tree Survey 2011



Nchif\_Notable\_Tree\_Natural\_Heritage\_Notable\_Tree\_Review\_2011\_11\_Seddon\_Street\_(1050065)

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	34 Slack Street	
<b>Tree name</b>	Northern Rata ( <b>Metrosideros robusta</b> )	
<b>Location of the tree on the site</b>	Street frontage	
<b>Owner's name</b>		
<b>Date of STEM Assessment</b>	29 March 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 9	Girth @ 1.4m: 5 of 600mm	Spread m: 8
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	Common	Infrequent	Rare	Very Rare	15
<b>Vigour &amp; Vitality</b>	Poor	Some	Good	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	Important	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	100+	15
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	21 - 26	27+	9
<b>Subtotal</b>						84

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
<b>Visibility</b>	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	15
<b>Proximity</b>	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
<b>Role</b>	Minor	Moderate	Important	Significant	Major	15
<b>Effect on Climate</b>	Minor	Moderate	Important	Significant	Major	9
<b>Subtotal</b>						81

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						
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	
<b>Scientific</b>						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						

### Total Points

**164**

## Inspection Report

<b>Requested for/by</b>	Routine	Storm Damage	Owner	Developer	DP Review	
<b>Pruning History</b>	Recently pruned to give power line clearance					
<b>Built Environment</b>	Small tight dev'pment	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 (mostly young)		Well treed neighbourhood		
<b>Age Class</b>	young	Semi mature	Early 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	Influenced by wind	Affected by power pruning	by line
<b>Foliage Health</b>	Good	Poor, if so, explain				
<b>Limb Structure</b>	Typical or sound	Atypical, if so, explain				
<b>Trunk character</b>	Typically multi stemmed					
<b>Root Zone</b>	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
<b>Comments</b>						

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	deadwood	5 yearly, from now		
Health					
Safety	routine	Prune away from o/h lines	As required		
Overhanging b'dry					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

### Changes noticed in last five years

No changes



## Photographs.



Figure 1, typical fluted and multi stem trunk



Figure 2. the influence of power lines on the tree





Figure 3, detail of pruning needed



Figure 4, the trunk and base.

# Palmerston North City Council.

## Notable Tree Survey March 2011

<b>Address</b>	<b>68 Slacks Road</b>
<b>Tree Name</b>	<b>A group of native trees</b>
<b>Location of Tree(s) on Site</b>	<b>The trees are to the north east of the house, left side of driveway on entering, from the road entrance: 1karaka, 2 lacebark,3 titoki, 4 totara, 5 totara, 6 mahoe, 7 Pseudopanax, 8 tarata, 9 titoki, 10 cabbage tree.</b>
<b>Owners' Name</b>	
<b>Date of Inspection</b>	<b>10 March 2011</b>

Dimensions		
Height: to 14m	Girth @ 1.4m: to 1.8	Spread: most of the eastern boundary

Condition Evaluation						
Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	<b>Very good</b>	Specimen	21
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very rare	9
<b>Vigour and Vitality</b>	Poor	Some	Good	Very good	<b>Excellent</b>	27
<b>Function</b>	Minor	Useful	Important	<b>Significant</b>	Major	21
<b>Age (years)</b>	10+	20+	<b>40+</b>	80+	100+	15
<b>Stature (m)</b>	3 - 8	<b>9 to 14</b>	15 to 20	21 to 26	27+	9
Subtotal Points						102

Amenity Evaluation						
Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	<b>Visible from Road</b>	Front Yard	Semi Public	Public (free access)	9
<b>Visibility (from 1km)</b>	No view	<b>Visible from Local Rd</b>	Visible from Collector Rd	Visible from Principal Rd	Visible from Arterial Rd	9
<b>Proximity</b>	Forest	Parkland	<b>Group 10+</b>	Group 3+	Solitary	15
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
Subtotal Points						69

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
<b>Stature</b>	0					
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>	0					
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	
<b>Scientific</b>	0					
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	

## Palmerston North City Council, Notable Tree Survey 2011

Subtotal Points	0
<b>Total Points</b>	<b>171</b>

The Standard Tree Assessment Method (STEM) [Author: Ron Flook] Modified PNCC

## Palmerston North City Council, Notable Tree Survey 2011

<b>Address</b>	<b>68 Slacks Road</b>
<b>Tree Name</b>	<b>One copper beech (<i>Fagus sylvatica purpurea</i>)</b>
<b>Location of Tree(s) on Site</b>	<b>The tree is to the east of the house, close to the boundary fence.</b>
<b>Owners' Name</b>	
<b>Date of Inspection</b>	<b>10 March 2011</b>

Dimensions		
Height: 13	Girth @ 1.4m: 2.19m	Spread: 10m

Condition Evaluation						
Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	<b>Very good</b>	Specimen	21
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very rare	9
<b>Vigour and Vitality</b>	Poor	Some	Good	<b>Very good</b>	Excellent	21
<b>Function</b>	Minor	<b>Useful</b>	Important	Significant	Major	9
<b>Age (years)</b>	10+	20+	<b>40+</b>	80+	100+	15
<b>Stature (m)</b>	3 - 8	<b>9 to 14</b>	15 to 20	21 to 26	27+	9
Subtotal Points						84

Amenity Evaluation						
Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	<b>Private</b>	Visible from Road	Front Yard	Semi Public	Public (free access)	3
<b>Visibility (from 1km)</b>	<b>No view</b>	Visible from Local Rd	Visible from Collector Rd	Visible from Principal Rd	Visible from Arterial Rd	3
<b>Proximity</b>	Forest	Parkland	<b>Group 10+</b>	Group 3+	Solitary	15
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	<b>Moderate</b>	Important	Significant	Major	9
Subtotal Points						51

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
<b>Stature</b>						0
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						0
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	
<b>Scientific</b>						0
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal Points						0
<b>Total Points</b>						<b>135</b>

The Standard Tree Assessment Method (STEM) [Author: Ron Flook] Modified PNCC

**Nchif\_Notable\_Tree\_Natural\_Heritage\_Notable\_Tree\_Review\_2011\_68\_Slacks\_Road\_10\_(1050100)**

# Palmerston North City Council, Notable Tree Survey 2011

<b>Address</b>	<b>68 Slacks Road</b>
<b>Tree Name</b>	<b>One pohutukawa</b>
<b>Location of Tree(s) on Site</b>	<b>The tree is to the north of the house.</b>
<b>Owners' Name</b>	
<b>Date of Inspection</b>	<b>10 March 2011</b>

Dimensions		
Height: 10	Girth @ 1.4m: 10 stems of up to 900mm	Spread: 9m

Condition Evaluation						
Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	<b>Very good example of multi stemmed tree</b>	Specimen	21
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very rare	9
<b>Vigour and Vitality</b>	Poor	Some	Good	Very good	<b>Excellent</b>	27
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	<b>40+</b>	80+	100+	15
<b>Stature (m)</b>	3 - 8	<b>9 to 14</b>	15 to 20	21 to 26	27+	9
Subtotal Points						96

Amenity Evaluation						
Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	<b>Visible from Road</b>	Front Yard	Semi Public	Public (free access)	9
<b>Visibility (from 1km)</b>	No view	<b>Visible from Local Rd</b>	Visible from Collector Rd	Visible from Principal Rd	Visible from Arterial Rd	9
<b>Proximity</b>	Forest	Parkland	<b>Group 10+</b>	Group 3+	Solitary	15
<b>Role</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Effect on Climate</b>	Minor	<b>Moderate</b>	Important	Significant	Major	9
Subtotal Points						57

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
<b>Stature</b>						0
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						0
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	
<b>Scientific</b>						0
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	



## Palmerston North City Council, Notable Tree Survey 2011

Subtotal Points	0
<b>Total Points</b>	<b>153</b>

The Standard Tree Assessment Method (STEM) [Author: Ron Flook] Modified PNCC

**NEW TREE PROPOSED BY:** Mrs. M. Patterson

**COMMENTS/REASON FOR PROPOSAL:** Contact with Council 2006

### ASSESSORS' NOTES:

In her initial approach to Council, Mrs. Patterson suggested the Douglas fir and the Flowering gum would be suitable specimens for listing on the notable tree register. On examination I found them to be unsuitable because a) the Douglas fir is perilously close to a high voltage transformer and will need to be frequently and brutally pruned to keep its lower branches from growing into the installation; b) the flowering gum is a reasonably commonly occurring species and this example is very poorly formed and multi leadered and will become unstable with age.

On the other hand, the trees on the rest of the garden are interesting, mature and very much in keeping with the style and period of the house.

I assessed the copper beech and the pohutukawa – surprisingly, neither of them achieved the threshold of 160 points. This is mainly due to their not being very visible to the public – largely because of the extremely good group of native trees that extends along much of the length of the eastern boundary.

The regenerating ground cover of mainly native trees and shrubs will ensure a continuing tree cover for the site. Maintenance will be mainly selective removal of weaker specimens, or transplantation of seedlings to locations bereft of young trees.

**Damage (old and recent)** :no recent damage.

**Threats**:no perceived threats

**Potential development nearby?** it might be possible to subdivide the site? This would almost certainly require the removal of many trees.

**Suggested remedial work, care and maintenance:**

**Routine:** ensure that the crowns of the group of trees do not overhang the neighbours's sites too much, raise the canopy as required for vehicle access, carry out dead wood operations every five years on each tree.

## Palmerston North City Council, Notable Tree Survey 2011

Special measures and recommendations: remove weed species (herbaceous and woody) as they emerge. Donate extra seedlings to groups involved with rehabilitation works.



Figure 1. the Pohutukawa

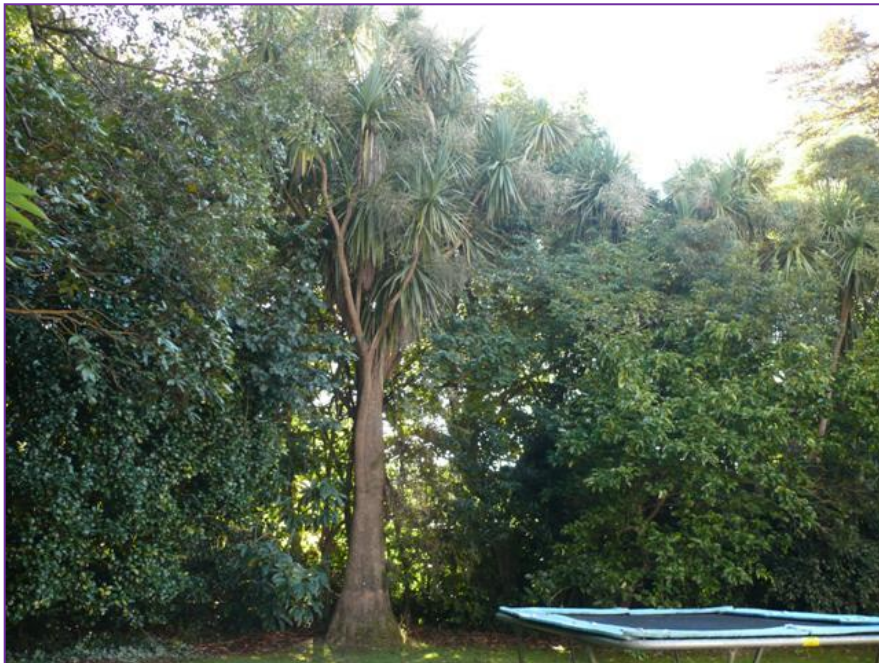


Figure 2. the cabbage tree



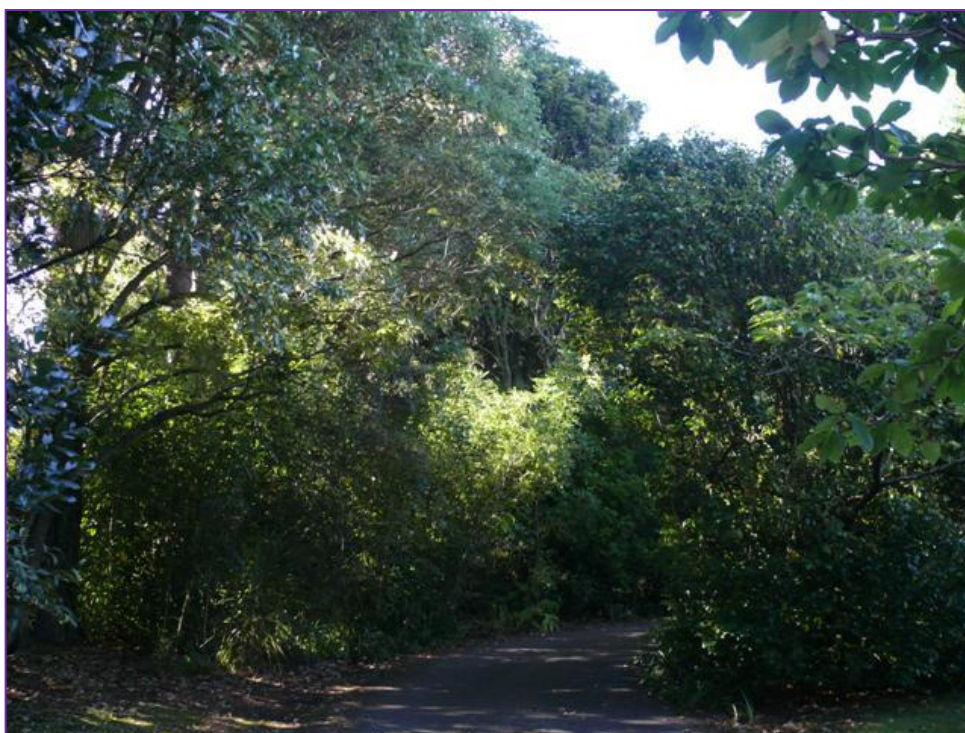


Figure 3. the native tree area on the left of the drive.

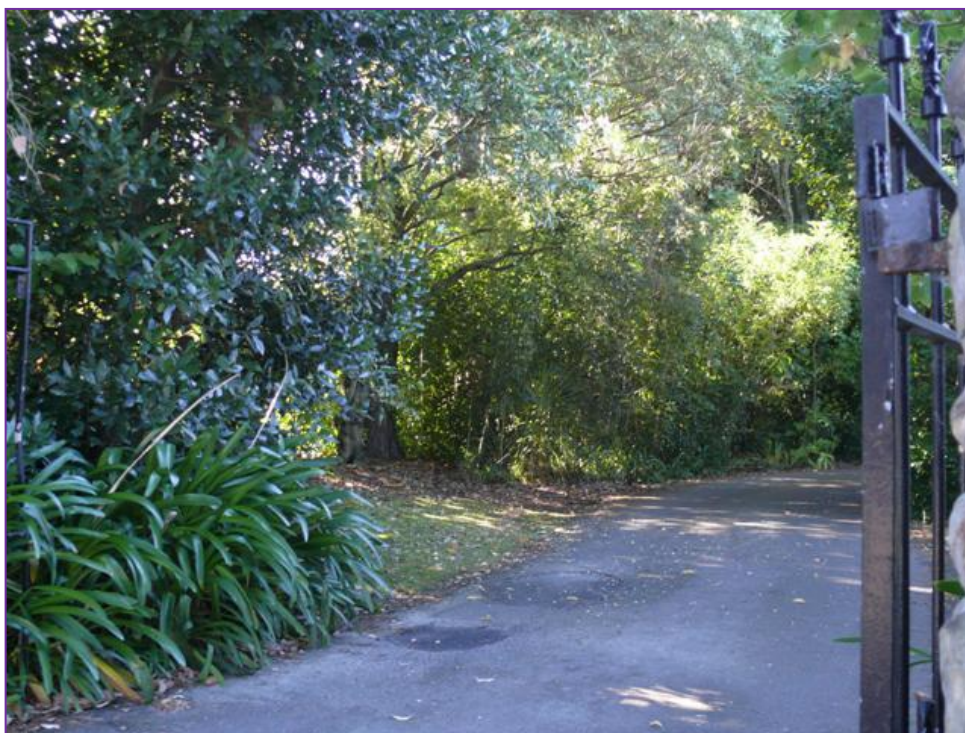


Figure 4 Native trees on left of the drive



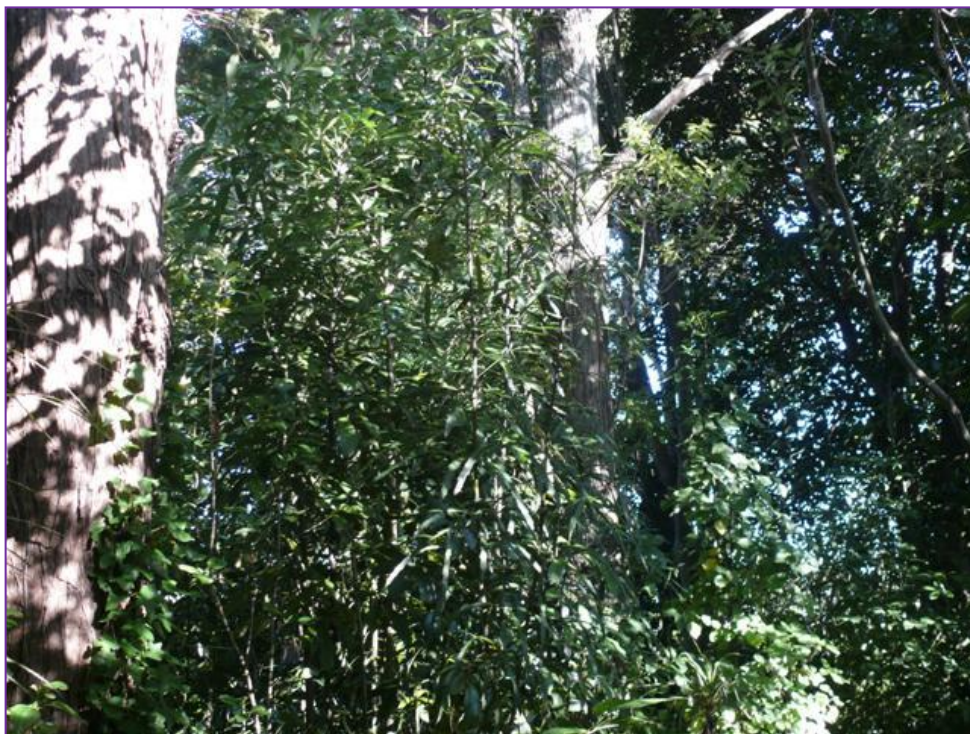


Figure 5 Understorey



## Palmerston North City Council, Notable Tree Survey 2011

Figure 6. understorey and totara trunk

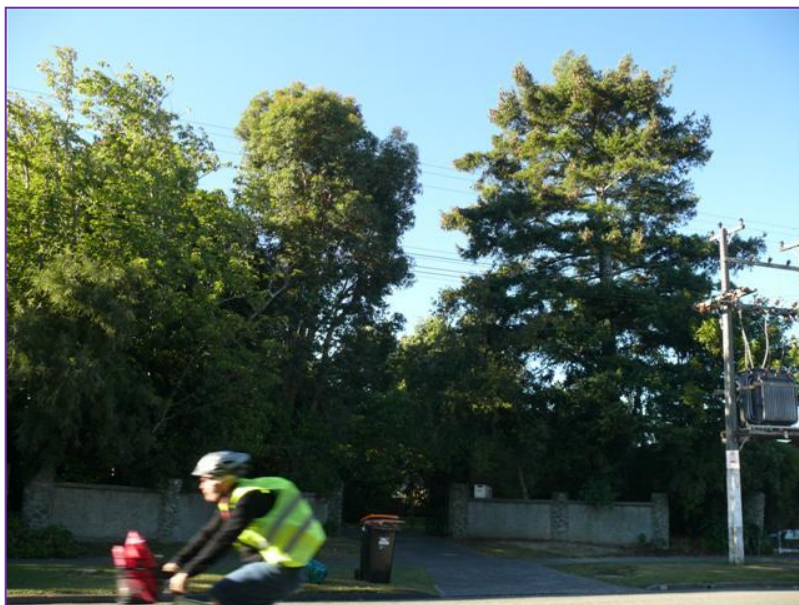


Figure 7. Douglas fir and the Flowering gum at the entrance note the high voltage transformer to right of picture.



# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	46 South Street	
<b>Tree name</b>	Kowhai ( <i>Sophora microphylla</i> )	
<b>Location of the tree on the site</b>	Front lawn	
<b>Owner's name</b>		
<b>Date of STEM Assessment</b>	29 March 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 8	Girth @ 1.4m: 2 stems of 1.0 and 1.5	Spread m: 7
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	Very Good	Specimen	9
<b>Occurrence</b>	Predominant	Common	Infrequent	Rare	Very Rare	15
<b>Vigour &amp; Vitality</b>	Poor	Some	Good	Very Good	Excellent	9
<b>Function</b>	Minor	Useful	Important	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	100+	15
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	21 - 26	27+	9
<b>Subtotal</b>						72

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
<b>Visibility</b>	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	Parkland	Group of 10+	Group of 3+	Solitary	21
<b>Role</b>	Minor	Moderate	Important	Significant	Major	9
<b>Effect on Climate</b>	Minor	Moderate	Important	Significant	Major	3
<b>Subtotal</b>						57

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						
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	
<b>Scientific</b>						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						0

### Total Points

**127**

## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Frequent reduction of the crown, to keep pace with the decline of the major branches					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native		
Local Environment	Few trees	Some trees		Well treed neighbourhood		
Age Class	young	Semi mature	Mature	Post mature		
Special value	Horticultural	Landscape	Specimen	Historical	Botanical	
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
Form	Refer to STEM score sheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain	The tree is dying, slowly			
Limb Structure	Typical or sound	Atypical, if so, explain	The structure of the main branch union at the base is not very strong.			
Trunk character	poor					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	Mrs. Kingsbeer has looked after this tree well, but it continues to decline in health, and to die back from the outer edges. She is resigned to it having to be removed sometime soon, but might do one more round of pruning before it is felled.					

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Remove the dead wood, back to sound side shoots.	This year		
Health		As above			
Safety		As above			
Overhanging b'dry					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

Changes noticed in last five years	Die-back is continuing
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## Photographs.



Figure 1. Dying outer branch



Figure 2. The extent of death in the crown.

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road	
<b>Tree name</b>	<b>Tree 4: Totara (<i>Podocarpus totara</i>)</b>	
<b>Location of the tree on the site</b>	Rear of the piggery(?)	
<b>Owner's name</b>		
<b>Date of STEM Assessment</b>	12 May 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 16	Girth @ 1.4m: 4.26	Spread m: 15
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	<b>Good</b>	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	Good	<b>Very Good</b>	Excellent	21
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	<b>100+</b>	27
<b>Stature (m)</b>	3-8m	9 - 14m	<b>15 - 20m</b>	21 - 26	27+	15
<b>Subtotal</b>						102

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	<b>Private</b>	Visible from Road	Front Yard	Semi Public	Public (free access)	3
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Subtotal</b>						5757

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						12

### Total Points

**171**



## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Little				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native	
Local Environment	Few trees	Some trees		Well treed neighbourhood	
Age Class	young	Semi mature	Mature	Post mature	
Special value	Horticultural	Landscape	Specimen	Historical	Botanical
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
Form	Refer to STEM score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Rugged, short bole.				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	The remains of an old fence could be cleared away				

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>		Removal of deadwood, lift crown to allow more light to the area if needed, mulch around base	<u>All trees:</u> starting now, then in a rotation as funding permits		
<b>Health</b>		Crossing branches.	One off		
<b>Safety</b>		Check the major forks	Every five years		
<b>Overhanging b'dry</b>					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

## Photographs.



Figure 1 Tree 4



Figure 2, tree 4.





Figure 3, tree 4.

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road				
<b>Tree name</b>	<b>Tree 5: Totara (<i>Podocarpus totara</i>)</b>				
<b>Location of the tree on the site</b>	On the front lawn, (with an antique potato lifter beneath)				
<b>Owner's name</b>					
<b>Date of STEM Assessment</b>	12 May 2011		<b>Inspected by</b> John Wakeling		

### Dimensions

Height m: 22	Girth @ 1.4m: 5.7	Spread m: 20
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	<b>Good</b>	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	<b>Good</b>	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	<b>100+</b>	27
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	<b>21 - 26</b>	27+	21
<b>Subtotal</b>						102

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	<b>Private</b>	Visible from Road	Front Yard	Semi Public	Public (free access)	3
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Subtotal</b>						5757

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						12

### Total Points

**171**



## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Little					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native		
Local Environment	Few trees	Some trees		Well treed neighbourhood		
Age Class	young	Semi mature	Mature	Post mature		
Special value	Horticultural	Landscape	Specimen	Historical	Botanical	
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
Form	Refer to STEM score sheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical or sound	Atypical, if so, explain				
Trunk character	Rugged, massive bole.					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments						

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity		Removal of deadwood, lift crown to allow more light to the area if needed, mulch around base. There is a very large dead leader in the middle of the crown – this is quite ugly but it is not damaging the health of the tree.	<u>All trees:</u> starting now, then in a rotation as funding permits.  This is the most significant of the trees and could be the first tree to be pruned and tidied.		
Health		Crossing branches.	One off		
Safety		Check the major forks	Every five years		
Overhanging b'dry					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required



Figure 1, tree 5. note the large dead leader centre of tree.



Figure 2





Figure 3, Tree 5



Figure 4, Tree 5.

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road				
<b>Tree name</b>	Totara ( <i>Podocarpus totara</i> )				
<b>Location of the tree on the site</b>	Rear of the house, close to the pump house				
<b>Owner's name</b>					
<b>Date of STEM Assessment</b>	12 May 2011		<b>Inspected by</b> John Wakeling		

### Dimensions

Height m: 17	Girth @ 1.4m: 4.7	Spread m: 15
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### Condition Evaluation

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

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	<b>Private</b>	Visible from Road	Front Yard	Semi Public	Public (free access)	3
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Subtotal</b>						63

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						12

### Total Points

**183**



## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Little				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native	
Local Environment	Few trees	Some trees	Well treed neighbourhood		
Age Class	young	Semi mature	Mature	Post mature	
Special value	Horticultural	Landscape	Specimen	Historical	Botanical
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
Form	Refer to STEM score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Rugged, short bole, deep ridges and furrows				
Root Zone	Undeveloped area between sheds, deep leaf litter, some root disturbance	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments					

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>		Removal of deadwood, lift crown to allow more light to the area if needed, mulch around base	All trees: starting now, then in a rotation as funding permits		
<b>Health</b>		Crossing branches.	One off		
<b>Safety</b>		Check the major forks	Every five years		
<b>Overhanging b'dry</b>					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

## Photographs.



Figure 1. Tree 1, the fallen branch is not from the totara



Figure 2, Tree 1, from the house

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road	
<b>Tree name</b>	<b>Tree 7: Totara (<i>Podocarpus totara</i>)</b>	
<b>Location of the tree on the site</b>	Right hand side of the front Gate	
<b>Owner's name</b>		
<b>Date of STEM Assessment</b>	12 May 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 20	Girth @ 1.4m:4+	Spread m: 17
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	<b>Good</b>	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	<b>Good</b>	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	<b>100+</b>	27
<b>Stature (m)</b>	3-8m	9 - 14m	<b>15 - 20m</b>	21 - 26	27+	15
<b>Subtotal</b>						96

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	<b>Front Yard</b>	Semi Public	Public (free access)	15
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Subtotal</b>						6969

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						12

### Total Points

**177**

## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Little				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native	
Local Environment	Few trees	Some trees		Well treed neighbourhood	
Age Class	young	Semi mature	Mature	Post mature	
Special value	Horticultural	Landscape	Specimen	Historical	Botanical
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
Form	Refer to STEM score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Used as a fence post.				
Root Zone	Garden	Natural	Driveway	U/g services apparent?	Hard surface, if so, explain
Comments	The tree is in reasonable health, but its long term is uncertain, due to the activity that has to take place around its root growth zone – traffic, fencing, re-surfacing, roading and possibly underground services.				

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>		Removal of deadwood, lift crown to allow more light to the area if needed, mulch around base	<u>All trees:</u> starting now, then in a rotation as funding permits		
<b>Health</b>		Crossing branches. Care and attention to the health of the root system when undertaking new surfacing	One off		
<b>Safety</b>		Check the major forks	Every five years		
<b>Overhanging b'dry</b>					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

## Photographs.





Figure 1, Tree 7, at the entrance





Figure 2, Tree 7.





Figure 3, Tree 7, Strange branch development

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road				
<b>Tree name</b>	<b>Tree 8: Totara (<i>Podocarpus totara</i>)</b>				
<b>Location of the tree on the site</b>	Lower paddock				
<b>Owner's name</b>					
<b>Date of STEM Assessment</b>	12 May 2011		<b>Inspected by</b> John Wakeling		

### Dimensions

Height m: 15	Girth @ 1.4m:3+	Spread m: 12
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	<b>Good</b>	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	<b>Poor</b>	Some	Good	Very Good	Excellent	3
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	<b>100+</b>	27
<b>Stature (m)</b>	3-8m	9 - 14m	<b>15 - 20m</b>	21 - 26	27+	15
<b>Subtotal</b>						<b>84</b>

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	<b>Visible from Road</b>	Front Yard	Semi Public	Public (free access)	9
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Subtotal</b>						<b>6363</b>

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						<b>12</b>

### Total Points

**159**



## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Little				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native	
Local Environment	Few trees	Some trees	Well treed neighbourhood		
Age Class	young	Semi mature	Mature	Post mature	
Special value	Horticultural	Landscape	Specimen	Historical	Botanical
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
Form	Refer to STEM score sheet				
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain	The foliage is badly yellowed on the western side of the crown – I did not inspect it closely – it could be terminal decline. (From the shape of the crown, and the state of the foliage, it is likely that the yellowing has only started within the last year or so).		
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Short stem.				
Root Zone	Garden	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments					

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>		Inspect the root growth zone for poor drainage – drain if water-logging is suspected. Otherwise no action for a year and monitor progress.	<u>All trees:</u> starting now, then in a rotation as funding permits		
<b>Health</b>					
<b>Safety</b>					
<b>Overhanging b'dry</b>					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

## Photographs.



Figure 1, panorama of the entrance.



Figure 2, trees 8 and 9

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road	
<b>Tree name</b>	<b>Tree 3: Totara (<i>Podocarpus totara</i>)</b>	
<b>Location of the tree on the site</b>	In the paddock (overhanging the hen house)	
<b>Owner's name</b>		
<b>Date of STEM Assessment</b>	12 May 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 17	Girth @ 1.4m: 3.5	Spread m: 14
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	<b>Good</b>	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	<b>Good</b>	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	<b>100+</b>	27
<b>Stature (m)</b>	3-8m	9 - 14m	<b>15 - 20m</b>	21 - 26	27+	15
<b>Subtotal</b>						96

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	<b>Private</b>	Visible from Road	Front Yard	Semi Public	Public (free access)	3
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Subtotal</b>						5757

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						12

### Total Points

**165**



## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Little – some side branches					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native		
Local Environment	Few trees	Some trees	Well treed neighbourhood			
Age Class	young	Semi mature	Mature	Post mature		
Special value	Horticultural	Landscape	Specimen	Historical	Botanical	
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
Form	Refer to STEM score sheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain	Foliage looking rather pale and lacklustre			
Limb Structure	Typical or sound	Atypical, if so, explain	Quite a number of dead limbs – could be function of soil compaction or other anthropic factors			
Trunk character	Rugged, short bole. Trunk rubbed by stock.					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments						

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity		Removal of deadwood, lift crown to allow more light to the area if needed, mulch around base	<u>All trees:</u> starting now, then in a rotation as funding permits		
Health		Crossing branches. Fence off 2m radius and underplant	One off		
Safety		Check the major forks	Every five years		
Overhanging b'dry					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

## Photographs.



Figure 1 Tree 3. Crown rather sparse, trunk rubbed





Figure 2. The base of the tree could be fenced off around a 2m radius, say, and underplanted

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	167 Staces Road				
<b>Tree name</b>	<b>Tree 2: Totara (<i>Podocarpus totara</i>)</b>				
<b>Location of the tree on the site</b>	Behind the garage, near the two gates				
<b>Owner's name</b>					
<b>Date of STEM Assessment</b>	12 May 2011		<b>Inspected by</b> John Wakeling		

### Dimensions

Height m: 11	Girth @ 1.4m: 4.12	Spread m: 15
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	<b>Good</b>	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	<b>Common</b>	Infrequent	Rare	Very Rare	9
<b>Vigour &amp; Vitality</b>	Poor	Some	<b>Good</b>	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	<b>100+</b>	27
<b>Stature (m)</b>	3-8m	<b>9 - 14m</b>	15 - 20m	21 - 26	27+	9
<b>Subtotal</b>						90

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	<b>Private</b>	Visible from Road	Front Yard	Semi Public	Public (free access)	3
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	<b>Parkland</b>	Group of 10+	Group of 3+	Solitary	9
<b>Role</b>	Minor	Moderate	Important	<b>Significant</b>	Major	21
<b>Effect on Climate</b>	Minor	Moderate	<b>Important</b>	Significant	Major	15
<b>Subtotal</b>						5757

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	<b>Local</b>	District	Regional	National	International	3
Form	Local	District	Regional	National	International	
<b>Historic</b>						
Age 100+	<b>Local</b>	District	Regional	National	International	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	<b>Local</b>	District	Regional	National	International	3
Relict	Local	District	Regional	National	International	
<b>Scientific</b>						
Source	<b>Local</b>	District	Regional	National	International	3
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						12

### Total Points

**169**



## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Little – some reduction of crown width					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native		
Local Environment	Few trees	Some trees		Well treed neighbourhood		
Age Class	young	Semi mature	Mature	Post mature		
Special value	Horticultural	Landscape	Specimen	Historical	Botanical	
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical	Atypical
Form	Refer to STEM score sheet					
Crown Shape	Typical	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain	Signs of early decline? Some dead branches sticking out through the canopy			
Limb Structure	Typical or sound	Atypical, if so, explain	Dead lower limbs (natural)			
Trunk character	Rugged, short bole.					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	As with most of the other trees, it has a few problems – some of which may be remedied by careful pruning, others are systemic and will be with the tree forever. The tree is no longer as vigorous as once was.					

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>		Removal of deadwood, lift crown to allow more light to the area if needed, mulch around base	<u>All trees:</u> starting now, then in a rotation as funding permits		
<b>Health</b>		Crossing branches.	One off		
<b>Safety</b>		Check the major forks	Every five years		
<b>Overhanging b'dry</b>					

### Standard procedures

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

### Special Measures and recommendations

Mulch base – irrigate – improve drainage – underplant – cable brace - other

### Timeline

Now - 5 years - 5 yearly - As required

## Photographs.



Figure 1 Tree 2, dead wood in the outer crown



Figure 2, Tree 2, lower crown and trunk

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	3 Stanley Street				
<b>Tree name</b>	Black beech (Nothofagus solandri)				
<b>Location of the tree on the site</b>	Front garden				
<b>Owner's name</b>					
<b>Date of Inspection</b>	30 March		<b>Inspected by</b> John Wakeling		

### Dimensions

Height m: 15	Girth @ 1.4m: 2.5+	Spread m: 16
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### Condition Evaluation

Points	3	9	15	21	27	Score
<b>Form</b>	Poor	Moderate	Good	Very Good	Specimen	15
<b>Occurrence</b>	Predominant	Common	Infrequent	Rare	Very Rare	15
<b>Vigour &amp; Vitality</b>	Poor	Some	Good	Very Good	Excellent	15
<b>Function</b>	Minor	Useful	Important	Significant	Major	15
<b>Age (years)</b>	10+	20+	40+	80+	100+	21
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
<b>Subtotal</b>						96

### Amenity Evaluation

Points	3	9	15	21	27	Score
<b>Public Accessibility</b>	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
<b>Visibility</b>	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	9
<b>Proximity</b>	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
<b>Role</b>	Minor	Moderate	Important	Significant	Major	15
<b>Effect on Climate</b>	Minor	Moderate	Important	Significant	Major	15
<b>Subtotal</b>						69

### Notable Evaluation

Recognition Points	3	9	15	21	27	Score
<b>Stature</b>						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
<b>Historic</b>						
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	
<b>Scientific</b>						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
<b>Subtotal</b>						0

### Total Points

**165**

## Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	No recent pruning				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Mainly exotic/native	
Local Environment	Few trees	Some trees		Well treed neighbourhood	
Age Class	young	Semi mature	Mature	Post mature	
Special value	Horticultural	Landscape	Specimen	Historical	Botanical
Structural Character	Single leader	Double leader	Multi-stemmed	Included bark unions	Typical Atypical
Form	Refer to STEM scoresheet				
Crown Shape	Typical	Atypical	Wide, low crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain	Some branch unions with included bark.		
Trunk character	I could not get access to the base of the trees. The gate was locked and there is not bell. On my last visit, I remember that the trunk was typically shaped with much fluting. And I believe there was a bracket fungus on one of the limbs.				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	A very pleasant specimen, ideally suited to the scale of the property and blends in well with the street scene.				

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>	<b>routine</b>	Deadwood removal	Now - 5 years -		
<b>Health</b>		Check for bracket fungi			
<b>Safety</b>	-	The root system is having an adverse effect on the footpath. The council might have to lay an extra coat of asphalt in the affected area.			
<b>Overhanging b'dry</b>					

<b>Standard procedures</b>	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded for notable trees) - other
<b>Special Measures and recommendations</b>	Mulch base – irrigate – improve drainage – underplant – cable brace - other
<b>Timeline</b>	5 yearly - As required

<b>Changes noticed in last five years</b>	Die-back/health – developments nearby – excavations nearby
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## Photographs.



Figure 1 damage to footpath



Figure 2. The tree in its setting