

# Palmerston North City Council

## Notable Tree Survey March and April 2011

<b>Address</b>	155a Victoria Street	
<b>Tree name</b>	European Beech ( <i>Fagus sylvatica</i> )	
<b>Location of the tree on the site</b>	On a gully side	
<b>Owner's name</b>		
<b>Date of STEM Assessment</b>	29 March 2011	<b>Inspected by</b> John Wakeling

### Dimensions

Height m: 20	Girth @ 1.4m:3+	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	<b>15</b>
<b>Occurrence</b>	Predominant	Common	<b>Infrequent</b>	Rare	Very Rare	<b>15</b>
<b>Vigour &amp; Vitality</b>	Poor	Some	<b>Good</b>	Very Good	Excellent	<b>15</b>
<b>Function</b>	Minor	Useful	<b>Important</b>	Significant	Major	<b>15</b>
<b>Age (years)</b>	10+	20+	40+	<b>80+</b>	100+	<b>21</b>
<b>Stature (m)</b>	3-8m	9 - 14m	15 - 20m	<b>21 - 26</b>	27+	<b>21</b>
<b>Subtotal</b>						<b>102</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)	<b>9</b>
<b>Visibility</b>	No view	<b>Visible from local road</b>	Visible from collector rd	Visible from principal rd	Visible from arterial rd	<b>9</b>
<b>Proximity</b>	Forest	Parkland	<b>Group of 10+</b>	Group of 3+	Solitary	<b>15</b>
<b>Role</b>	Minor	Moderate	Important	Significant	<b>Major</b>	<b>27</b>
<b>Effect on Climate</b>	Minor	Moderate	Important	<b>Significant</b>	Major	<b>21</b>
<b>Subtotal</b>						<b>81</b>

### 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>						<b>0</b>

## Total Points

**183**

## Inspection Report

<b>Requested for/by</b>	Routine	Storm Damage	Owner	Developer	DP Review
<b>Pruning History</b>	Recent storm damage and dead wood removed to a high standard				
<b>Built Environment</b>	Small tight dev'pment	Standard suburban	Large house and grounds	The tree is growing on a gully side, with development very close by	
<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 from 1.8m	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 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>	Healthy, good colour bark, cylindrical, well buttressed				
<b>Root Zone</b>	Garden	Natural	Lawn/paddock	U/g services apparent?	Gully side, root damage from earlier earthworks seems to have been accommodated.
<b>Comments</b>	A wonderful tree, could live for many more decades, but remember that beech, like its NZ cousin, is not a long lived species. Not much more than 150 – 200 years (c.f. kauri 2 – 3 thousand years)				

## Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
<b>Amenity</b>		Carry on with the present regime	Five yearly schedule		
<b>Health</b>		Remove wind damaged branch tips			
<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

### Changes noticed in last five years

Die-back/health – developments nearby – excavations nearby. Die back of outer windward branch tips – this seems to be a feature of trees in PN and of beech in particular.

## **Photographs.**