

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	117 Park Road	
Tree name	Black beech (<i>Nothofagus solandri</i>)	
Location of the tree on the site	Rear garden	
Owner's name		
Date of STEM Assessment	29 March 2011	Inspected by John Wakeling

Dimensions

Height m: 27	Girth @ 1.4m: 4.1	Spread m: 20+
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	27
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	15
Age (years)	10+	20+	40+	80+	100+	27
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	27
Subtotal						126

Amenity Evaluation

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

Notable Evaluation

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

Total Points

204

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	No recent pruning, old work was well done					
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 crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical or sound	Atypical, if so, explain	The long limbs and spreading crown are vulnerable to storm damage			
Trunk character	Well buttressed, fluted trunk; vigorous growth on the buttresses					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	An amazingly beautiful tree, set in a lovely garden. The large crown makes it vulnerable to storm damage – some crown reduction is recommended					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	deadwood			
Health	-				
Safety	One off	Some very careful width reduction. This will be a very difficult job and should be undertaken by contractors who understand natural form and habit.	Any time from now, ten year or so repeat		
Overhanging b'dry		As required			

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	Healthy, no changes
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Photographs.



Figure 1, the crown – vigorous growth



Figure 2, the trunk in a fairly natural setting



Figure 3, House and gardens



Figure 4