

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	161 Fitzherbert Avenue	
Tree name	Blue Atlas cedar (<i>Cedrus atlantica</i> 'Glauca')	
Location of the tree on the site	On the street frontage	
Owner's name		
Date of Inspection	29 March 2011	Inspected by John Wakeling

Dimensions

Height m: 14	Girth @ 1.4m:3.0	Spread m: 14
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Condition Evaluation

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

Amenity Evaluation

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

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	
Scientific						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal						0

Total Points

189

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	It seems that the tree has not been pruned since my last visit – there is				
Built Environment	Small tight dev'pment	Standard suburban	The site was earlier a large house and grounds	Other (describe): Commercial	
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 other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain	The shape of the tree, with a short stem, and a proliferation of densely grown upright side branches is due to lack of formative pruning in the early years. The current structure cannot be changed. Future pruning should focus on ensuring that individual branches do no become overloaded		
Trunk character	Very short, with many side branches				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain foot path and cobblestone wall
Comments	The tree has improved in health – when the site was first developed, the tree went through a period when it looked very poorly. Now it is thriving in the semi-natural ground conditions. The pressures from root growth are pushing the riverstone wall apart. This will have to be addressed by some form of rebuilding – using piles and bridge over the roots or similar.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Dead wood removal, raise lower limbs	Now then 5 yearly		
Health	-				
Safety	periodically	Ensure that individual limbs are not overloaded.	As required. This will likely show up during routine maintenance		
Overhanging b'dry					

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 – underplant – cable brace - other
Timeline	Now - 5 years - 5 yearly - As required

Changes noticed in last	Better coloured foliage.
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five years

Photographs.



Figure 1 The tree is pushing the wall over (root growth activity)



Figure 2. Detail of wall



Figure 3. The tree near the cross roads, makes a considerable statement.



Figure 4