

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	21 Margaret Street	
Tree name	Two giant redwood or mammoth trees (<i>Sequoiadendron giganteum</i>)	
Location of the tree on the site	Rear garden, down a bank	
Owner's name		
Date of STEM Assessment	10 May 2011	Inspected by John Wakeling

Dimensions

Height m: 28	Girth @ 1.4m: 4.3	Spread m: 12
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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	15
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	27
Subtotal						108

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	9
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	21
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	9
Subtotal						87

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	3
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						3

Total Points

198

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Recent deadwooding				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	exotic / latterly 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 (one of the two trees has a 1degree lean – this was a result of suppression by another tree (felled a few years back)
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain			
Trunk character	Sound, with good taper. Ground around the base of the trees shows no signs of heaving nor depressions. The new garden was built to keep the new topsoil away from the base of the trees.				
Root Zone	Garden	Native species	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	<p>I met Mr. and Mrs Staddon on site and had a discussion with them about the health and stability of the trees. I explained that I considered the lean on the one tree is not a slowly increasing phenomenon, but is the result of the competition from the third tree (that was felled) The Staddons explained their concerns, especially about the noise of the wind in the crowns during stormy weather.</p> <p>Both trees appear to be in good health, with no indications of soil weakness, or fungal disease.</p>				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity		No action for a few years, but need only limited to removal of deadwood and storm damaged limbs.	Five yearly		
Health		The new garden is providing a good root growth medium			
Safety		As for the amenity section.			
Overhanging b'dry					



Figure 1 the two trees



Figure 2, the new garden



Figure 3 From the Napier Highway



Figure 4, Ground conditions are good



Figure 5



Figure 6, the different sizes of the trunks