

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	47 Te Awe Awe Street				
Tree name	Oak (<i>Quercus robur</i>)				
Location of the tree on the site	At the end of a RoW, close to the boundary				
Owner's name					
Date of STEM Assessment	28 March 2011		Inspected by John Wakeling		

Dimensions

Height m: 25	Girth @ 1.4m: 5.67	Spread m: 31
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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	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	27
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	21
Subtotal						114

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	21
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	15
Subtotal						87

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						3

Total Points

210

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Darryl Judd does the work on this tree. Excellent standard					
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	Super-typical !	Atypical	Wide/spreading/low crown	Influenced by wind	Affected by other trees	
Foliage Health	Good	Poor, if so, explain	One or two suspicious twig deaths in outer crown – may be nothing			
Limb Structure	Typical or sound	Atypical, if so, explain				
Trunk character	Quite short, immense girth, well buttressed					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Pervious driveway and mulched bed	
Comments						

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	The owners will be applying to reduce the crown over the house the next time they prune the tree. Deadwood	Within the next 2 years thereafter 5 yearly		
Health	-				
Safety	-				
Overhanging b'dry	routine	This is undertaken every few years			

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 in two outer branches – not serious, I hope.

Photographs.



Figure 1, the crown overhangs the neighbour's shed

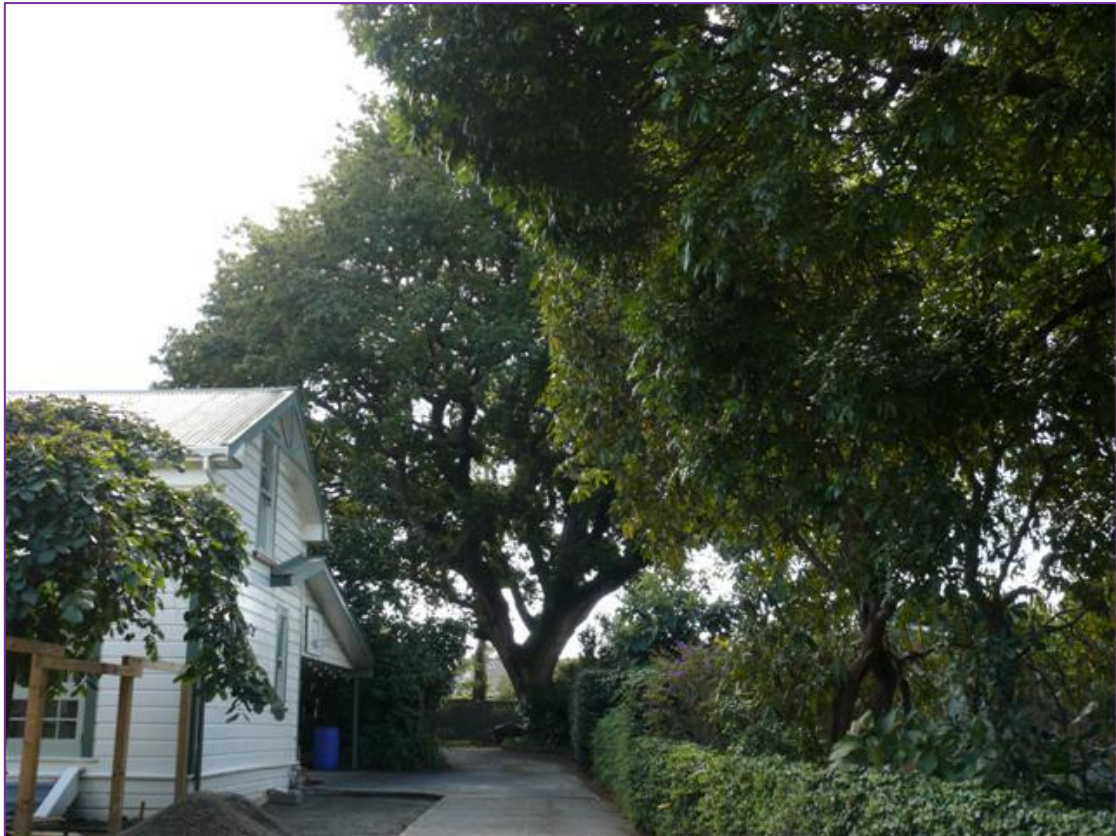


Figure 2, a statement at the end of the driveway



Figure 3, the trunk



Figure 4, the trunk and lower crown



Figure 5, OBT

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	82 Te Awe Awe Street	
Tree name	Scarlet oak (<i>Quercus coccinea</i>)	
Location of the tree on the site	In the front garden, near the tennis court	
Owner's name		
Date of STEM Assessment	28 March 2011	Inspected by John Wakeling

Dimensions

Height m: 11	Girth @ 1.4m: 3.2m	Spread m: 21
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	3
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	21
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	9
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	27
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	9
Subtotal						78

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	21
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	15
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	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	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal						3

Total Points

177

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	The tree has been th subject of intense maintenance for at least 30 years; most recently it has had a large branch removed that ws slowly sinking towards the ground and driveway., dead wood and re-balancing was undertaken. The work was necessary for safety reasons					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)		
Garden environment	Solo tree	Few trees	Many trees	exotic and 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 health is variable poor at the top, good in some of the periphery			
Limb Structure	Typical or sound	Atypical, if so, explain	Poor, much rot,			
Trunk character	The trunk is infested with wood rotting fungi (see photos), the tree has started to fall over – there is a distinct mound of raised soil at the base of the tree.					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain	
Comments	I doubt the tree will stay upright much longer. Darryl Judd of Guardian Tree services, is looking after the tree very well. He advocates some quite hard pruning to reduce the strain on the dodgy root plate and to encourage more upright growth. This will help keep the tree, but it will also reduce the undoubted character of the tree. On a personal note, I undertook some work on the tree back in 1979 – it was already a tree of great character back then.					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity					
Health	One off	Re-balance the crown as prescribed by DJ of Guardian Tree Services	Within the next few years		
Safety					
Overhanging b'dry					

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Changes noticed in last five years	Die-back/health – no great changes
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Photographs.



Figure 1, a Ganoderma fungus bracket in one of the interstices between buttresses



Figure 2, as for fig one, at about 2m above ground



Figure 3



Figure 4, and fig. 3 - one of the large recent pruning cuts. Note discoloured heartwood.



Figure 5



Figure 6, Fig 5 – the tree in its setting.

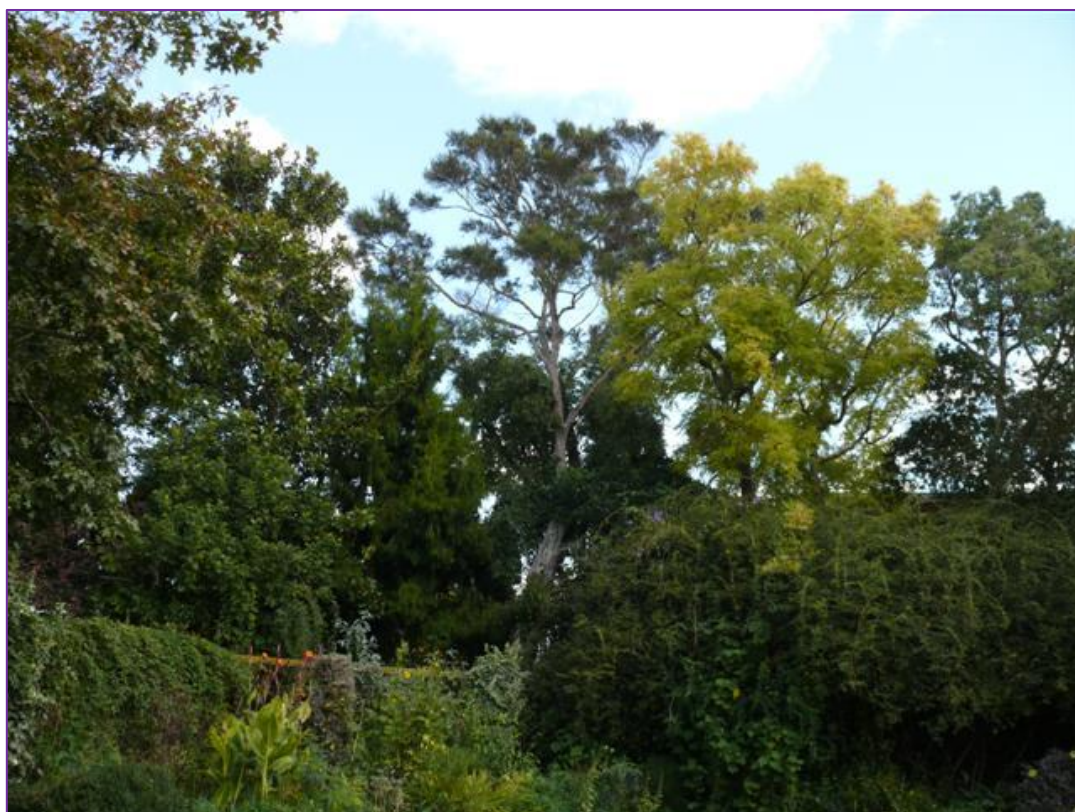


Figure 7, the Kanuka



Figure 8, one of the low sweeping branches

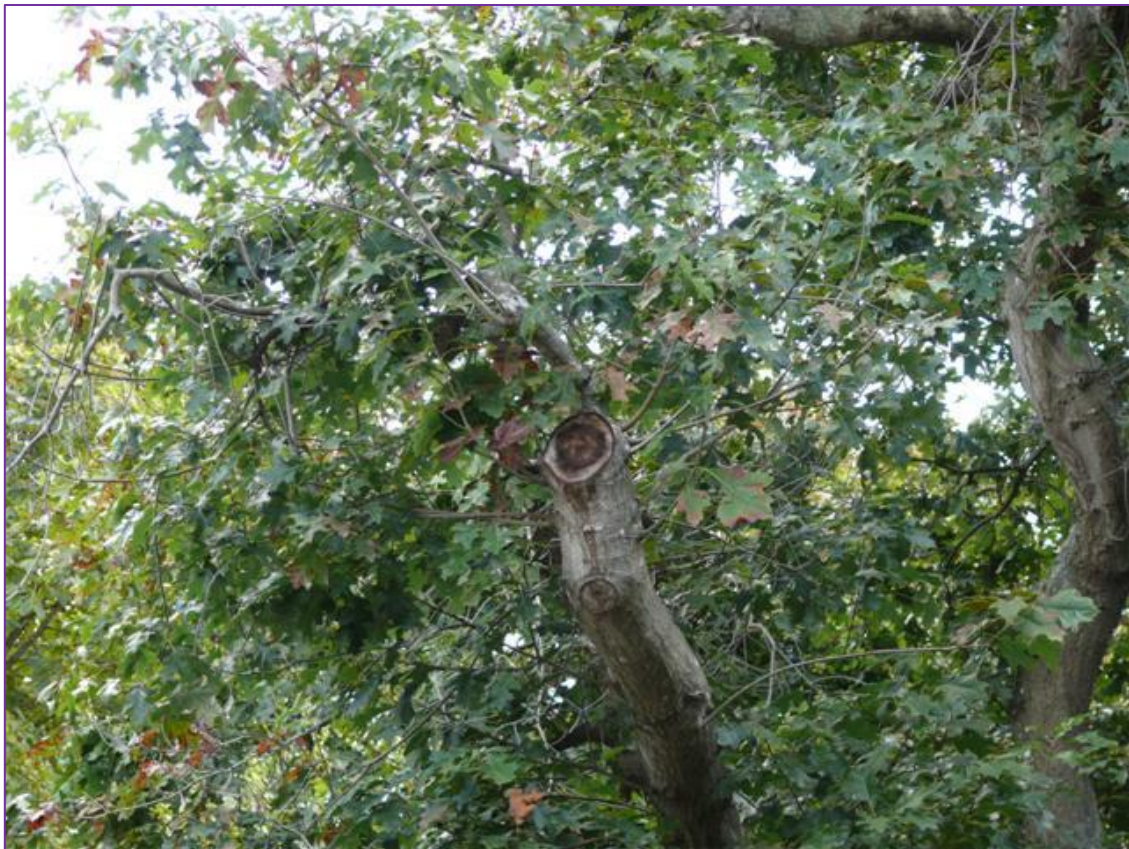


Figure 9, some of the pruning over the driveway.



Figure 10, soil heave around the base.

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	82 Te Awe Awe Street	
Tree name	Kanuka (<i>Kunzea ericoides</i>)	
Location of the tree on the site	Hard against the western front boundary	
Owner's name		
Date of STEM Assessment	28 March 2011	Inspected by John Wakeling

Dimensions

Height m: 13	Girth @ 1.4m:1.73	Spread m: 7
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	9
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+	9
Subtotal						84

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	21
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	3
Subtotal						75

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	3
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	Local	District	Regional	National	International	3
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						6

Total Points

165

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	The tree is no longer in good health and one section has been removed, the other branch will soon fade, too.				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees	Exotic and 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 slowly dying.		
Limb Structure	Typical or sound	Atypical, if so, explain	Included bark unions		
Trunk character	The trunk is infected with heart rotting fungus, and the vitality of the tree is slipping away				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	Only carry out necessary safety work.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity					
Health					
Safety	As needed	Remove dead and weak limbs, monitor strength of root system			
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/health – - a little worse than at the last visit.

Photographs.



Figure 1. the top of the kanuka over the neighbouring house



Figure 2, not much left of the main trunk



Figure 3, fungus brackets in the main trunk



Figure 4, bark separating on the compression side



Figure 5, the tree in its place in the garden

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	88 Te Awe Awe Street	
Tree name	Four deodars, (<i>Cedrus deodora</i>)	
Location of the tree on the site	Either side of the entrance gate.	
Owner's name		
Date of STEM Assessment	28 March 2011	Inspected by John Wakeling

Dimensions

Height m: to 24	Girth @ 1.4m: to 3.13	Spread m: together 25
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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	27
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+	21
Subtotal						120

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
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	27
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						99

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	Local	District	Regional	National	International	3
Form	Local	District	Regional	National	International	3
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						6

Total Points

225

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Recent dead wooding and crown lifting				
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	The trunks of these trees are well shaped, cylindrical, straight				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Driveway – care needed when asphalt repairs are made
Comments					

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	Routine	As done in the past – deadwood, lower branches	5 years hence		
Health	Note	Any work on the driveway will require a consent to work under the dripline of the tree canopies			
Safety					
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
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Photographs.

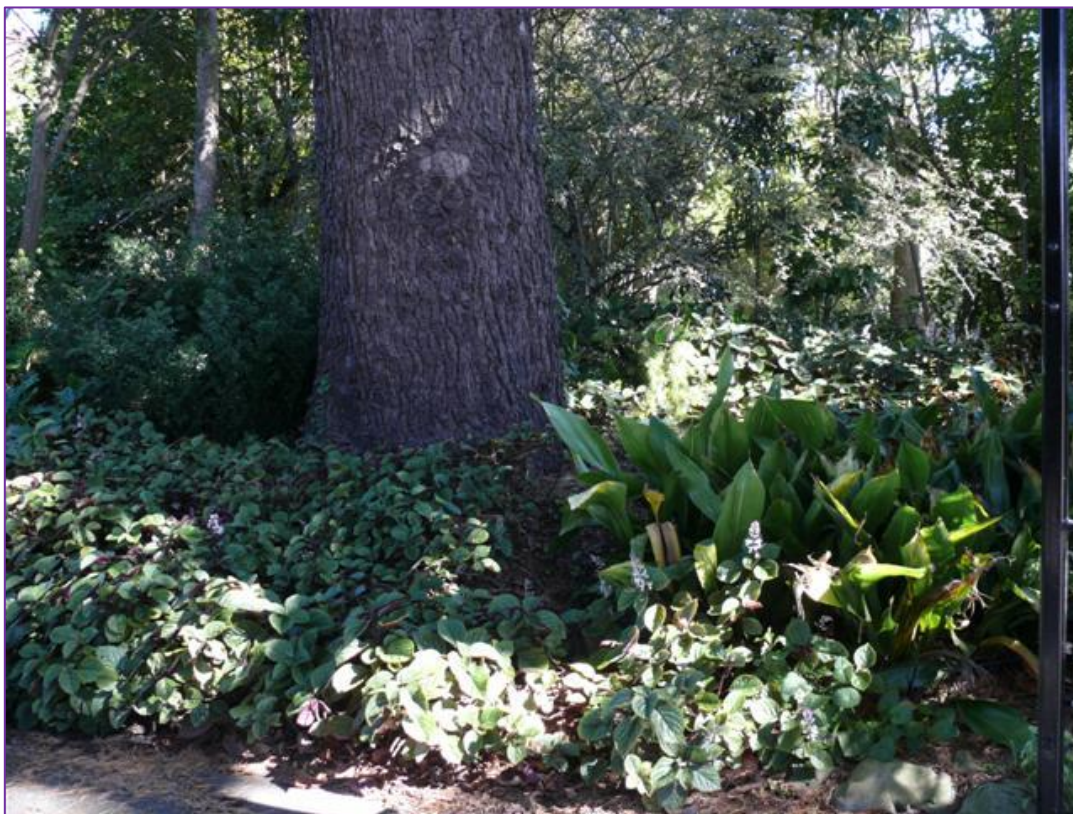


Figure 1, the natural forest floor



Figure 2



Figure 3 and fig 2 above, the trees dominate the street frontage



Figure 4, healthy canopy



Figure 5, the trees in their garden setting



Figure 6, natural undergrowth

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	96 Te Awe Awe Street	
Tree name	Oak (<i>Quercus robur</i>)	
Location of the tree on the site	Front, Left hand side	
Owner's name		
Date of STEM Assessment	28 March 2011	Inspected by John Wakeling

Dimensions

Height m: 22	Girth @ 1.4m: 4.01	Spread m: 17
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	21
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
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+	21
Subtotal						102

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	21
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	15
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

195

Inspection Report

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	The crown has been lifted to allow the house to be built/				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	Other (describe)	
Garden environment	Solo tree	Few trees	Many trees (large age gap)	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	The trunk is quite tall, it is straight and regularly cylindrical				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface over the fence – some excavations around the root zone for the outdoor courtyard and barbecue. Adapted well.
Comments	The tree is growing in a healthy and vigorous fashion. The crown will need frequent good quality pruning.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	routine	Prune away from house	Within five years, thereafter check quinquennially		
Health	-				
Safety	-				
Overhanging b'dry	-				

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Changes noticed in last five years	The tree is still healthy
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Photographs.



Figure 1. the crown ins influenced by the wind



Figure 2m the crown overhangs the ROW



Figure 3, the tree in its garden



Figure 4

Palmerston North City Council.

Notable Tree Survey March 2011

Address	7 Te Matai Road, off the Napier Road
Tree Name	Two cottonwood poplar trees (<i>Populus sp.</i> [hybrid])
Location of Tree(s) on Site	Entrance to the property off Te Matai Road
Owners' Name	
Date of Inspection	9 March 2011

Dimensions		
Height: 22+	Girth @ 1.4m: 3.20	Spread: 28m (combined spread)

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

Amenity Evaluation						
Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	9
Visibility (from 1km)	No view	Visible from Local Rd	Visible from Collector Rd	Visible from Principal Rd	Visible from Arterial Rd	27
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal Points						87

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						0
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
Historic						00
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						0
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
Subtotal Points						0
Total Points						189

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

Palmerston North City Council, Notable Tree Survey 2011

Address	7 Te Matai Road, off the Napier Road
Tree Name	A group of three old oak trees
Location of Tree(s) on Site	Near the front boundary close to the Napier Road
Owners' Name	
Date of Inspection	9 March 2011
Dimensions	
Height: 20	Girth @ 1.4m: to 2.7 Spread: 30m (combined spread)

Condition Evaluation						
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	12
Occurrence	Predominant	Common	Infrequent	Rare	Very rare	9
Vigour and Vitality	Poor	Some	Good	Very good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	27
Stature (m)	3 - 8	9 to 14	15 to 20	21 to 26	27+	15
Subtotal Points						87

Amenity Evaluation						
Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	9
Visibility (from 1km)	No view	Visible from Local Rd	Visible from Collector Rd	Visible from Principal Rd	Visible from Arterial Rd	27
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	21
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal Points						87

Notable Evaluation						
Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
Feature	Local	District	Regional	National	International	
Form	Local	District	Regional	National	International	
Historic						
Age 100+	Local	District	Regional	National	International	9
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 Points						9
Total Points						183

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

Palmerston North City Council, Notable Tree Survey 2011

NEW TREE PROPOSED BY: Mrs. Barbara Joe

COMMENTS/REASON FOR PROPOSAL: Telephone to PNCC June 2008

ASSESSORS' NOTES:

The well-planted and mature nature of the garden, make this a delightful property. There are many other large trees and maturing trees on the site.

Both sets of trees score very high on the STEM assessment, above the threshold for inclusion in the register of notable trees. However, in the case of the poplar trees, I do not consider that they are suitable candidates – although the trees are large and have a high profile, as a species they are a) not very long-lived and b) prone to shedding large limbs at maturity. Therefore, I suggest that these two trees are not put on the list of notable trees.



Poplars not recommended for inclusion on the notable tree list.

The trees on the boundary alongside the Napier Road and the three oaks trees are the remains of an old hedge cum shelterbelt and while this helps reduce the effects of wind, and gives shade to the garden, none of the trees is worth long-term preservation.

The three oak trees, on the other hand have a long life expectancy, and will be stable for a longer time. The following notes refer explicitly to the oak trees.

Palmerston North City Council, Notable Tree Survey 2011

The understorey beneath the trees is maintained as a woodland garden with shade tolerant herbaceous plants and shrubs. There is some regeneration of native trees and shrubs, also some weed species.

Damage (old and recent) : the tree hut is no longer in use – it would be better for the tree if it were removed. Tree huts are not in themselves bad practice, but the construction methods such as nailing directly into the trunks and major branches can damage the trees. Nails left in the trees cause damage to machinery when the trees are felled.

Minor storm damage.

Threats: no perceived threats.

Potential development nearby?: Unknown.

Suggested remedial work, care and maintenance:

Routine: Deadwood removal as a matter of course - crown lifting over the lawn if required. Dead wood removal should be carried out in the next two years or so, followed by five yearly checks. Any crown lifting could be done at the same time.

Special measures and recommendations: the trees are growing in a healthy environment and no extra care is needed.



Palmerston North City Council, Notable Tree Survey 2011



Palmerston North City Council

Notable Tree Survey March and April 2011

Address	666 Tremaine Ave	
Tree name	17 Phoenix palm (<i>Phoenix canariensis</i>)	
Location of the tree on the site	Around the frontage of the factory	
Owner's name		
Date of Inspection	30 March 2011	Inspected by John Wakeling

Dimensions

Height m: to 12	Girth @ 1.4m: 2.4	Spread m: 7 each tree
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Condition Evaluation

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

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	21
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	27
Effect on Climate	Minor	Moderate	Important	Significant	Major	15
Subtotal						105

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

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History	Dead fronds removed regularly				
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds		Art Deco factory and grounds
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			
Trunk character	All trees in this group are in good condtion, the trunks are all typical of the species, with no anomalies, nor damaged parts.				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	Phoenix palms are considered to be undesirable in many parts of the country because of the invasive nature of their seeds. However, in this case the trees are an integral part of the development design and should be appreciated for the style and taste of the time.moreover, there is no large woodland area nearby where the species can become established unseen.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	Routine	Dead frond removal	Five to six yearly		
Health	-				
Safety	As above, in Amenity				
Overhanging b'dry					

Standard procedures	Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'ded 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

Photographs.



Figure 1



Figure 2



Figure 3. the building and trees are perfectly matched



Figure 4. Western road frontage

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	155a Victoria Street				
Tree name	European Beech (<i>Fagus sylvatica</i>)				
Location of the tree on the site	On a gully side				
Owner's name					
Date of STEM Assessment	29 March 2011		Inspected by 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
Form	Poor	Moderate	Good	Very Good	Specimen	15
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+	21
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	21
Subtotal						102

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	9
Proximity	Forest	Parkland	Group of 10+	Group of 3+	Solitary	15
Role	Minor	Moderate	Important	Significant	Major	27
Effect on Climate	Minor	Moderate	Important	Significant	Major	21
Subtotal						81

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

183

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review	
Pruning History	Recent storm damage and dead wood removed to a high standard					
Built Environment	Small tight dev'pment	Standard suburban	Large house and grounds	The tree is growing on a gully side, with development very close by		
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 from 1.8m	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	Healthy, good colour bark, cylindrical, well buttressed					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Gully side, root damage from earlier earthworks seems to have been accommodated.	
Comments	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
Amenity		Carry on with the present regime	Five yearly schedule		
Health		Remove wind damaged branch tips			
Safety					
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/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.

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	240a Victoria Avenue	
Tree name	Red oak (<i>Quercus rubra</i>)	
Location of the tree on the site	Front of garden, close to bndy	
Owner's name		
Date of STEM Assessment	12 Sept 2013	Inspected by John Wakeling

Dimensions

Height m: 118	Girth @ 1.4m: 3.26	Spread m: 20
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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	15
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	15
Subtotal						84

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	21
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	15
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						

Total Points

177

Inspection Report

Requested for/by	Routine		Storm Damage	Owner	Developer	DP Review
Pruning History	Recent deadwooding and minor re-shaping by Guardian Tree Services					
Built Environment	Small tight dev'pment		Standard suburban	Large house and grounds		Sub-divided off side of older section
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 minor	Affected by other trees
Foliage Health	Good	Poor, if so, explain				
Limb Structure	Typical or sound	Atypical, if so, explain				
Trunk character	Smooth, cylindrical					
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain garden and driveway infrastructure. No adverse symptoms yet	
Comments						

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity	low	deadwood	2020		
Health	None needed at present				
Safety		As above			
Overhanging b'dry	yes	Over street			

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 five years

Not applicable Die-back/health – developments nearby – excavations nearby

Photographs.



173b Victoria Avenue

Palmerston North City Council

Notable Tree Survey March and April 2011

Address	254 Victoria Avenue	
Tree name	Liquidambar (<i>Liquidambar styraciflua</i>)	
Location of the tree on the site	On front lawn, approached via a long driveway	
Owner's name		
Date of STEM Assessment	29 March 2011	Inspected by John Wakeling

Dimensions

Height m: 22	Girth @ 1.4m: 2.87	Spread m: 20
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Condition Evaluation

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very Good	Excellent	15
Function	Minor	Useful	Important	Significant	Major	9
Age (years)	10+	20+	40+	80+	100+	15
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26	27+	22
Subtotal						79

Amenity Evaluation

Points	3	9	15	21	27	Score
Public Accessibility	Private	Visible from Road	Front Yard	Semi Public	Public (free access)	15
Visibility	No view	Visible from local road	Visible from collector rd	Visible from principal rd	Visible from arterial rd	15
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						81

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

160

Inspection Report

Requested for/by	Routine	Storm Damage	Owner	Developer	DP Review
Pruning History					
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 crown	Influenced by wind	Affected by other trees
Foliage Health	Good	Poor, if so, explain			
Limb Structure	Typical or sound	Atypical, if so, explain	As so frequently happens with liquidambar, there is a serious flaw in the branch structure – the trunk has a significant included bark branch union that needs attention.		
Trunk character	See above under Limb Structure				
Root Zone	Garden	Natural	Lawn/paddock	U/g services apparent?	Hard surface, if so, explain
Comments	The tree scores just at eh threshold of being a notable tree. It if it is to be retained on the list, it is important that the poor quality limb structure is addressed.				

Maintenance Required

Category	Priority	Recommended Action	Timing (from April 2011)	Actioned	Completed
Amenity					
Health					
Safety	Quite urgent	Reduce the crown particularly on the stem with the included bark	Try to get this done soon		
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 five years	The strain on the weak stem has increased
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Photographs.



Figure 1. View of this large tree from Victoria Avenue





Figure 2. Short stem, with irregular branch habit, elegant tree house

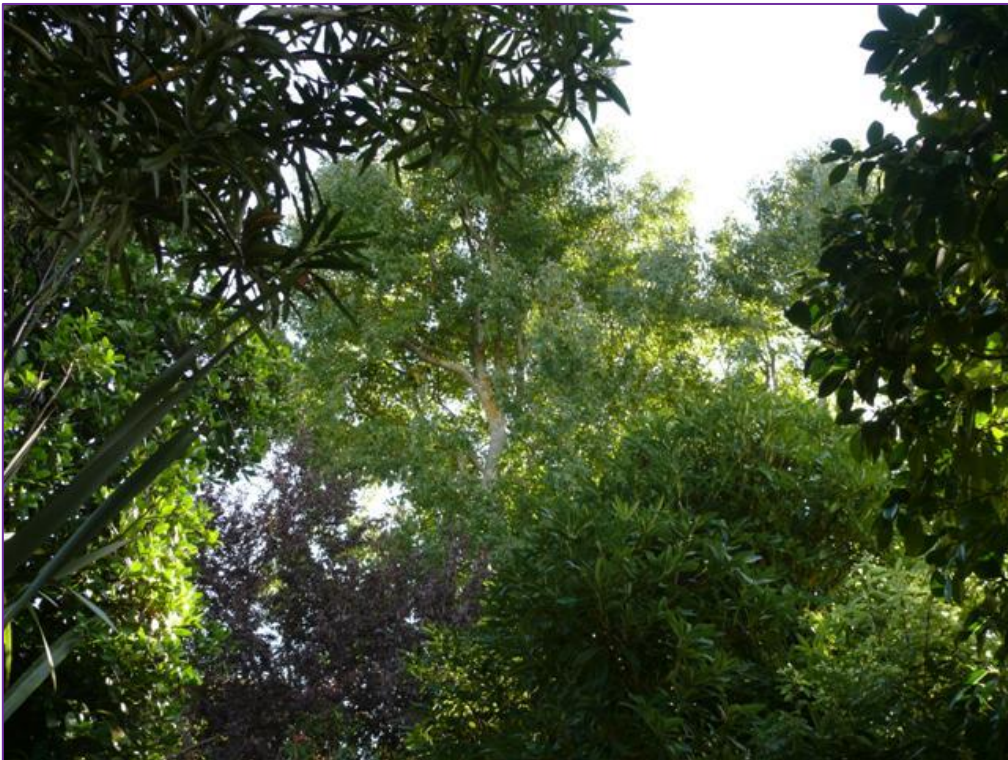


Figure 3. tree crown from the driveway