QUEEN STREET, WOOLLAHRA
STRATEGIC MASTERPLAN

FINAL

for Woollahra Municipal Council

Prepared by

Adopted 10th March 2014
COMMUNITY MEETING 1, APRIL 4th, 2013

Attendance and Response

• 54 people signed the attendance sheet but more than 70 people attended
• 29 people or organisations made submissions

What do people like about Queen Street?

• Trees
• Village atmosphere
• Heritage
• Shops
• Seating
• Cafes
• Community
• Streetscape
• Pedestrian Access
• Residences
• Mix of Uses
MEETING AND COMMUNITY RESPONSE

What are the main concerns and suggestions about Queen Street (issues within Masterplan scope)

Trees
• Strong recognition of the qualities that trees bring to the street. Impacts are also recognised:
  • Plane Tree roots forming large masses out of the ground, allergies from the seeds and fluff from new leaves as well as some dropping of leaves.
  • Liquidambars – drop branches and berries and are perceived as a problem
  • Support to address new tree species for the street such as evergreens and flowering trees.
  • Need to address maintenance of trees to reduce leaf load and manage pruning

Pavement surface
• Condition of pavement and type of paving materials to improve surface

Waste
• Provision of garbage bins and bags for dog waste

Lighting
• Lighting levels too low and too many fitting types
• Provide improved lighting levels and fittings and consider under awning and tree lighting

Seats
• Provide more seats, improve design of seating, and coordinate type and location

Banners
• Provide banners

Bike Stands
• Provide more bike stands and coordinate type and location
What are the concerns about Queen Street (outside the Masterplan scope)

- Maintenance - maintenance of the pavement, collection of rubbish and general cleaning
- Traffic - parking and safety
- Overhead power lines
- Number and location of cafes in the street
- Restricting takeaway food outlets
- Development pressures
- Road Surface
- Providing more banking facilities
- Providing a post office
- Dog laws - enforcing the Companion Animal Act
Key Objectives

• Provide a vision for a unified pavement environment for Queen Street which offers robust and elegant solutions that complement the heritage built environment.

• Adopts a simple palette of pavement materials, street furniture and lighting elements which are complimentary in style and character to the commercial and residential precincts of Queen Street.

• Adopt design measures to assist in calming traffic.

• Improve the spacing between trees to allow for better canopy growth and pavement treatments.

• Manage the root zones of trees in the street for long term sustainability and better integration into the pavement.
Commercial and Residential Zones

- Use a palette of pavement types which can be used across all areas
- Allow for different tree surrounds to define commercial and residential areas
- Provide more street furniture including seats and bins in commercial areas
- Adopt feature lighting solutions in commercial areas.
SUMMARY OF TREE RETENTION VALUE

Street Tree Assessment By Earthscape Horticultural Services Arboricultural Assessment Report

Trees of High Retention Value
- Trees considered worthy of preservation and their retention a priority.
- Trees with large canopies where significant pruning is generally not acceptable.
- All 36 trees of high retention value are retained in this draft masterplan, including all Plane Trees.

Trees of Moderate Retention Value
- The retention of these trees is desirable, but not essential.
- These trees should be retained where possible, however they are less critical for retention.
- If these trees are removed, replacement planting should be considered.
- 33 of 43 trees of moderate retention value are retained in this draft masterplan.
- There are 8 new replacement trees proposed in this draft masterplan.

Trees of Low Retention Value
- Trees not considered worthy of any special measures to ensure their preservation due to their current health, condition or suitability. Common issues include vehicle damage, exposed and decaying roots, overcrowded canopies and trunks with prominent leans.
- Trees with no special ecological, heritage or amenity value.
- Trees with substantially diminished values due to their short estimated life expectancy.
- All 12 trees of low retention value will be removed or replaced in this draft masterplan.
Legend:
- Residential Character
- Commercial Character

KEY PLAN - PRECINCT A

QUEEN STREET, WOOLLAHRA STRATEGIC MASTERPLAN
Adopted 10th March 2014
## TREES WITH A LOW RETENTION VALUE PROPOSED TO BE REMOVED

<table>
<thead>
<tr>
<th>Tree No.</th>
<th>Species</th>
<th>Maturity Class</th>
<th>Spread 10m or less</th>
<th>Spacing within 14m of a Plane Tree</th>
<th>Spacing within 10m of a Liquidambar</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Liquidambar styraciflua</td>
<td>Immature</td>
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<td>✅</td>
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<tr>
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<td></td>
</tr>
</tbody>
</table>

## ADDITIONAL TREES WITH MODERATE RETENTION VALUE PROPOSED TO BE REMOVED

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<tbody>
<tr>
<td>44</td>
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<tr>
<td>58</td>
<td>Liquidambar styraciflua</td>
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<tr>
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<td>Liquidambar styraciflua</td>
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</table>
Concrete Paver - 300x300mm

Porous Paving - A pour-on resin designed to bind loose aggregate to form permanent tree surrounds and footpaths.

Concrete Paver Trim - 200x600mm

Optional Porous Paving
Colour: Light Grey

Porous Paving - A pour-on resin designed to bind loose aggregate to form permanent tree surrounds and footpaths.

Concrete Paver - 300x300mm
TREE PIT DETAIL 1 - EXISTING SMALL TO MEDIUM TREE IN RESIDENTIAL AND COMMERCIAL ZONE
TREE PIT DETAIL 2 - TYPICAL MONTAGE
TREE PIT DETAIL 2 - EXISTING LARGE MATURE TREE
IN RESIDENTIAL ZONE
Porous Paving
Concrete Pavers
Paver Trim
Raised Composite Timber Planter and Bench Seat
New kerb
TREE PIT DETAIL 3 - RAISED TREE PIT TO MEDIUM TO LARGE EXISTING TREES (PRECINCT A)

1 Typical Plan 1:50

- Existing tree
- Bench seat behind
- Raised composite timber planter
- New kerb to gutter

2 Typical Section 1:20

- New ground cover planting
- 75mm mulch
- 30mm porous paving finish layer
- 70mm blue metal base layer

Existing kerb to be retained. Sawcut existing gutter.

New kerb and gutter

Ground cover planting

Bench seat

Raised composite timber planter

Porous paving

200x600mm Paver trim

300x300mm Pavers

Line of building/wall/fence

Boundary

4m

450

1.9m

1.7m
TREE PIT DETAIL 4 - NEW TREE IN RESIDENTIAL ZONE

1. Typical Plan 1:20
   - Edge of existing gutter
   - Existing kerb
   - 200x600mm Paving trim
   - 300x300mm Pavers
   - Line of building/wall/fence
   - New tree
   - Tree guard
   - Porous paving
   - Tree collar

2. Typical Section 1:20
   - New tree
   - Tree guard
   - Existing kerb and gutter
   - Existing road
   - Porous paving tree collar
   - 30mm porous paving finish layer
   - 70mm blue metal base layer
   - Subsoil drainage
Street Furniture (seating and bins)

- Provide essential infrastructure as part of Council’s commitment to the public domain
- Contribute to the character and amenity of the overall built environment
- Provide good design solutions – robust, elegant and low maintenance

Bike Stands

Bins - (Black powder-coated)

Option 2 - City Plaza Long - (Black powder-coated)

City Plaza Short - (Black powder-coated)
**KEY PLAN**

**TREES WITH A LOW RETENTION VALUE PROPOSED TO BE REMOVED**

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<tr>
<td>36</td>
<td>Fraxinus sp.</td>
<td>Immature</td>
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**TREES WITH A MODERATE RETENTION VALUE PROPOSED TO BE REMOVED**

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<td>28</td>
<td>Fraxinus sp.</td>
<td>Semi-Mature</td>
<td>✓</td>
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<tr>
<td>29</td>
<td>Fraxinus sp.</td>
<td>Semi-Mature</td>
<td>✓</td>
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<td></td>
</tr>
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</table>
Legend:
- Existing Street Tree
- New Tree
- Concrete Pavers
- Porous Paving
- Concrete Driveways
- Stamped Brick Pattern
- Garden Bed
- Extent of Awning
- Bike Stand
- Bin
- Seat (Double)
- Awning Light

Planted blisters to existing pedestrian crossing

Replace Bike Stands

Extend garden beds to existing Plane Trees

Maintain softfall layer

WOOLLAHRA HOTEL

Section B

Queen Street

Concrete Pavers

Post Top Light

Garden Bed

Porous Paving

PRECINCT B - Queen Street from Victoria Avenue to Moncur Street

PRECINCT B - DRAFT MASTERPLAN

QUEEN STREET, WOOLLAHRA STRATEGIC MASTERPLAN

Adopted 10th March 2014
TREE PIT DETAIL 5 - New tree in Commercial Zone

1. Typical Plan 1:20

- 200x600mm paving trim
- 50 x 5mm equal angle support frame
- 300x300mm Pavers
- New tree planting align in centre of bed

2. Typical Section 1:20

- Steel tree guard
- 1200x1800x8mm laser cut steel tree grille with joint at centre
- Fixings to manufacturer’s recommendations
- Edge of gutter
- Existing kerb

- New tree planting align in centre of bed
- 1200x1800 steel tree grille installed to manufacturer’s recommendations
- Frame and fixings to manufacturer’s specification
- Kerb and gutter

- 300mm imported soil
- Imported subsoil

- 75mm mulch
- New paving
- Drainage Cell
- Subsoil drainage

- 1.8m
- 1.2m
Note:
Plaques for Banjo Patterson Walk to be relocated to paving in footpath when benches are removed.

Legend:
- High Tree Retention Value
- Moderate Tree Retention Value
- Tree with Moderate Tree Retention Value to be removed or replaced
- Tree with Low Tree Retention Value to be removed or replaced

PRECINCT C - Queen Street from Moncur Street to Holdsworth Street

PRECINCT C
PROPOSED REMOVAL OF ALL TREES WITH A LOW RETENTION VALUE AND AN ADDITIONAL 2 TREES WITH A MODERATE RETENTION VALUE

QUEEN STREET, WOOLLAHRA STRATEGIC MASTERPLAN
Adopted 10th March 2014
p25
PRECINCT C - Queen Street from Moncur Street to Holdsworth Street

Legend:
- Existing Street Tree
- New Tree
- Concrete Pavers
- Porous Paving
- Concrete Driveways
- Stamped Brick Pattern
- Garden Bed
- Extent of Awning
- Bike Stand
- Bin
- Seat (Double)
- Seat (Single)
- Awning Light

Entry to The National Council of Jewish Women of Australia

Shareway with stamped brick pattern

Planted blisters to existing pedestrian crossing

1x Seat and 1x Bin

'Banjo Paterson Walk' Plaques inset into pavers

Relocated bike stand

Seat

Seat Bin

Neighbouring trees

New Bike Stand

Concrete Driveways

Concrete Pavers

New Tree Pit

Existing bike stand

Bin

'Banjo Paterson Walk' Plaques inset into pavers

Relocated bike stand

Seat Bin

Planted blisters to existing pedestrian crossing

1x Seat and 1x Bin

Entry to The National Council of Jewish Women of Australia

Shareway with stamped brick pattern

Queen Street

Porous Paving

Precinct C - Draft Masterplan

Adopted 10th March 2014
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<tr>
<td>18</td>
<td>Liquidambar styraciflua</td>
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<td>Low</td>
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### TREES WITH MODERATE RETENTION VALUE PROPOSED TO BE REMOVED

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<td></td>
<td>√</td>
<td>Moderate</td>
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</tbody>
</table>

**Legend:**
- High Tree Retention Value
- Moderate Tree Retention Value
- Tree with Moderate Tree Retention Value to be removed or replaced
- Tree with Low Tree Retention Value to be removed or replaced

**Queen Street, Woolahra Strategic Masterplan**
Adopted 10th March 2014

**Precinct D** - Queen Street from Holdsworth Street to Ocean Street
QUEEN STREET, WOOLLAHRA STRATEGIC MASTERPLAN

Adopted 10th March 2014

Queen Street

Bed Garden

Neighbouring tree Concrete driveway crossovers

New small tree New Seat

New blister with groundcovers and small tree

APPLICATIONS:

- Existing Street Tree
- New Tree
- Concrete Pavers
- Porous Paving
- Concrete Driveways
- Stamped Brick Pattern
- Garden Bed
- Extent of Awning
- Bike Stand
- Bin
- Seat (Double)
- Banner

PRECINCT D - Queen Street from Holdsworth Street to Ocean Street